FILED
April 4, 2024
INDIANA UTILITY
REGULATORY COMMISSION

#### On Behalf of Petitioner, DUKE ENERGY INDIANA, LLC

## VERIFIED DIRECT TESTIMONY OF JOHN J. SPANOS

Petitioner's Exhibit 12

**April 4, 2024** 

### DUKE ENERGY INDIANA 2024 BASE RATE CASE DIRECT TESTIMONY OF JOHN J. SPANOS

# DIRECT TESTIMONY OF JOHN J. SPANOS PRESIDENT GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC ON BEHALF OF DUKE ENERGY INDIANA, LLC BEFORE THE INDIANA UTILITY REGULATORY COMMISSION

1		I. INTRODUCTION
2	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
3	A.	My name is John J. Spanos. My business address is 207 Senate Avenue, Camp Hill,
4		Pennsylvania, 17011.
5	Q.	ARE YOU ASSOCIATED WITH ANY FIRM?
6	A.	Yes. I am associated with the firm of Gannett Fleming Valuation and Rate Consultants,
7		LLC (Gannett Fleming).
8	Q.	HOW LONG HAVE YOU BEEN ASSOCIATED WITH GANNETT FLEMING?
9	A.	I have been associated with the firm since June 1986.
10	Q.	WHAT IS YOUR POSITION WITH THE FIRM?
11	A.	I am President.
12	Q.	ON WHOSE BEHALF ARE YOU TESTIFYING IN THIS CASE?
13	A.	I am testifying on behalf of Duke Energy Indiana, LLC ("Duke Energy Indiana" or
14		"Company").
15	Q.	PLEASE STATE YOUR QUALIFICATIONS.
16	A.	I have over 37 years of depreciation experience which includes giving expert testimony
17		in more than 450 cases before 46 regulatory commissions, including this Commission.
18		These cases have included depreciation studies in the electric, gas, water, wastewater and
19		pipeline industries. In addition to cases where I have submitted testimony, I have

1		supervised over 800 other depreciation or valuation assignments. Please refer to
2		Attachment 12-B (JJS) for my qualifications statement, which includes further
3		information with respect to my work history, case experience, and leadership in the
4		Society of Depreciation Professionals.
5	Q.	WHAT IS YOUR EDUCATIONAL BACKGROUND?
6	A.	I have Bachelor of Science degrees in Industrial Management and Mathematics from
7		Carnegie-Mellon University and a Master of Business Administration from York College.
8	Q.	WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?
9	A.	My testimony will support and explain the depreciation study conducted under my
10		direction and supervision for Duke Energy Indiana.
11		II. DISCUSSION
12	Q.	PLEASE DEFINE THE CONCEPT OF DEPRECIATION.
13	A.	Depreciation refers to the loss in service value not restored by current maintenance,
14		incurred in connection with the consumption or prospective retirement of utility plant in
15		the course of service from causes which are known to be in current operation, against
16		which the Company is not protected by insurance. Among the causes to be given
17		consideration are wear and tear, decay, action of the elements, obsolescence, changes in
18		the art, changes in demand and the requirements of public authorities.
19	Q.	PLEASE IDENTIFY ATTACHMENT 12-A (JJS).
20	A.	Attachment 12-A (JJS) is a report entitled, "2023 Depreciation Study - Calculated Annual
21		Depreciation Accruals Related to Electric Plant as of June 30, 2023." This report sets
22		forth the results of my depreciation study for Duke Energy Indiana.

1	Q.	IS ATTACHMENT 12-A (JJS) A TRUE AND ACCURATE COPY OF YOUR
2		DEPRECIATION STUDY?
3	A.	Yes.
4	Q.	DOES ATTACHMENT 12-A (JJS) ACCURATELY PORTRAY THE RESULTS
5		OF YOUR DEPRECIATION STUDY AS OF JUNE 30, 2023?
6	A.	Yes.
7	Q.	IN PREPARING THE DEPRECIATION STUDY, DID YOU FOLLOW
8		GENERALLY ACCEPTED PRACTICES IN THE FIELD OF DEPRECIATION
9		AND VALUATION?
10	A.	Yes.
11	Q.	WHAT WAS THE PURPOSE OF YOUR DEPRECIATION STUDY?
12	A.	The purpose of the depreciation study was to estimate the annual depreciation accruals
13		related to electric plant in service for ratemaking purposes and determine appropriate
14		average service lives and net salvage percents for each plant account.
15	Q.	PLEASE DESCRIBE THE CONTENTS OF YOUR REPORT.
16	A.	The Depreciation Study is presented in nine parts. Part I, Introduction, presents the scope
17		and basis for the Depreciation Study. Part II, Estimation of Survivor Curves, includes
18		descriptions of the methodology of estimating survivor curves. Parts III and IV set forth
19		the analysis for determining service life and net salvage estimates. Part V, Calculation of
20		Annual and Accrued Depreciation, includes the concepts of depreciation and
21		amortization using the remaining life. Part VI, Results of Study, presents a description of
22		the results of my analysis and a summary of the depreciation calculations. Parts VII, VIII

A.

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and IX include graphs and tables that relate to the service life and net salvage analyses, and the detailed depreciation calculations by account.

The Depreciation Study also includes several tables and tabulations of data and calculations. Table 1 on pages VI-5 through VI-10 of the Depreciation Study presents the estimated survivor curve, the net salvage percent, the original cost as of June 30, 2023, the book depreciation reserve, and the calculated annual depreciation accrual and rate for each account or subaccount. The section beginning on page VII-2 presents the results of the retirement rate analyses prepared as the historical bases for the service life estimates. The section beginning on page VIII-2 presents the results of the net salvage analysis. The section beginning on page IX-2 presents the depreciation calculations related to surviving original cost as of June 30, 2023.

#### Q. PLEASE EXPLAIN HOW YOU PERFORMED YOUR DEPRECIATION STUDY.

I used the straight line remaining life method of depreciation, with the average service life (also referred to as the Average Life Group) procedure for all plant assets except some general plant accounts. The annual depreciation is based on a method of depreciation accounting that seeks to distribute the unrecovered cost of fixed capital assets over the estimated remaining useful life of each group of assets in a systematic and rational manner.

For General Plant Accounts 391.0, 391.1, 393.0, 393.1, 394.0, 395.0, 397.0 and 398.0, I used the straight line remaining life method of amortization. The annual amortization is based on amortization accounting that distributes the unrecovered cost of fixed capital assets over the remaining amortization period selected for each account and vintage.

1	Q.	HOW DID YOU DETERMINE THE RECOMMENDED ANNUAL
2		DEPRECIATION ACCRUAL RATES?
3	A.	I did this in two phases. In the first phase, I estimated the service life and net salvage
4		characteristics for each depreciable group, that is, each plant account or subaccount
5		identified as having similar characteristics. In the second phase, I calculated the
6		composite remaining lives and annual depreciation accrual rates based on the service life
7		and net salvage estimates determined in the first phase.
8	Q.	PLEASE DESCRIBE THE FIRST PHASE OF THE DEPRECIATION STUDY, IN
9		WHICH YOU ESTIMATED THE SERVICE LIFE AND NET SALVAGE
10		CHARACTERISTICS FOR EACH DEPRECIABLE GROUP.
11	A.	The service life and net salvage study consisted of compiling historic data from records
12		related to Duke Energy Indiana's plant; analyzing these data to obtain historic trends of
13		survivor and net salvage characteristics; obtaining supplementary information from Duke
14		Energy Indiana's management, and operating personnel concerning practices and plans as
15		they relate to plant operations; and interpreting the above data and the estimates used by
16		other electric utilities to form judgments regarding average service life and net salvage
17		characteristics.
18	Q.	WHAT HISTORIC DATA DID YOU ANALYZE FOR THE PURPOSE OF
19		ESTIMATING SERVICE LIFE CHARACTERISTICS?
20	A.	I analyzed the Company's accounting entries that record plant transactions during the
21		period 1956 through 2022. The transactions included additions, retirements, transfers,
22		sales, and the related balances. The Company records also included surviving dollar value
23		by year installed for each plant account as of December 31, 2022 and June 30, 2023.

1	Q.	WHAT METHOD DID YOU USE TO ANALYZE THIS SERVICE LIFE DATA?
2	A.	I used the retirement rate method. This is the most appropriate method when aged
3		retirement data are available, because this method determines the average rates of
4		retirement actually experienced by the Company during the period of time covered by the
5		study.
6	Q.	PLEASE DESCRIBE HOW YOU USED THE RETIREMENT RATE METHOD
7		TO ANALYZE DUKE ENERGY INDIANA'S SERVICE LIFE DATA.
8	A.	I applied the retirement rate method to each different group of property in the study. For
9		each property group, I used the retirement rate method to form a life table which, when
10		plotted, shows an original survivor curve for that property group. Each original survivor
11		curve represents the average survivor pattern experienced by the several vintage groups
12		during the experience band studied. The survivor patterns do not necessarily describe the
13		life characteristics of the property group; therefore, interpretation of the original survivor
14		curves is required in order to use them as valid considerations in estimating service life.
15		The Iowa-type survivor curves were used to perform these interpretations.
16	Q.	WHAT IS AN "IOWA-TYPE SURVIVOR CURVE" AND HOW DID YOU USE
17		SUCH CURVES TO ESTIMATE THE SERVICE LIFE CHARACTERISTICS
18		FOR EACH PROPERTY GROUP?
19	A.	Iowa type curves are a widely used group of generalized survivor curves that contain the
20		range of survivor characteristics usually experienced by utilities and other industrial
21		companies. The Iowa curves were developed at the Iowa State College Engineering
22		Experiment Station through an extensive process of observing and classifying the ages at
23		which various types of property used by utilities and other industrial companies had been

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retired.

Q.

A.

Iowa type curves are used to smooth and extrapolate original survivor curves determined by the retirement rate method. The Iowa curves and truncated Iowa curves were used in this study to describe the forecasted rates of retirement based on the observed rates of retirement and the outlook for future retirements.

The estimated survivor curve designations for each depreciable property group indicate the average service life, the family within the Iowa system to which the property group belongs, and the relative height of the mode. For example, the Iowa 45-R0.5 indicates an average service life of forty-five years; a right-moded, or R, type curve (the mode occurs after average life for right-moded curves); and a low height, 0.5, for the mode (possible modes for R type curves range from 0.5 to 5).

# WHAT APPROACH DID YOU USE TO ESTIMATE THE LIVES OF SIGNIFICANT PRODUCTION FACILITIES?

I used the life span technique to estimate the lives of significant facilities for which concurrent retirement of the entire facility is anticipated. In this technique, the survivor characteristics of such facilities are described by the use of interim survivor curves and estimated probable retirement dates. The interim survivor curve describes the rate of retirement related to the replacement of elements of the facility, such as, for a power plant, the retirement of assets such as pumps, motors and piping that occur during the life of the facility. The probable retirement date provides the rate of final retirement for each year of installation for the facility by truncating the interim survivor curve for each installation year at its attained age at the date of probable retirement. The use of interim survivor curves truncated at the date of probable retirement provides a consistent method

1		for estimating the lives of the several years of installation for a particular facility
2		inasmuch as a single concurrent retirement for all years of installation will occur when it
3		is retired.
4	Q.	IS THIS APPROACH WIDELY ACCEPTED FOR ESTIMATING THE SERVICE
5		LIVES OF PRODUCTION FACILITIES?
6	A.	Yes. The life span technique has been used previously for Duke Energy Indiana. My firm
7		has also used the life span technique in performing depreciation studies presented to
8		many other public utility commissions across the United States and Canada, including the
9		Indiana Utility Regulatory Commission ("IURC").
10	Q.	HOW ARE THE LIFE SPANS ESTIMATED FOR DUKE ENERGY INDIANA'S
11		PRODUCTION FACILITIES?
12	A.	Duke Energy Indiana provided the production facility life span estimates based on
13		informed judgment that incorporates factors for each facility such as the age, use, size,
14		nature of construction, and technology of the facility; management plans and outlook for
15		the facility; the estimates for similar facilities for other utilities; and the results of the
16		Company's resource planning. Company witness Mr. Luke discusses the life span
17		estimates in detail. At the appropriate time, detailed studies of the economies of
18		rehabilitations and continued use or retirement of the structure will be performed and the
19		results incorporated in the estimation of the facility's life span. As Company witness
20		Mr. Luke explains, in the Company's 2021 integrated resource plan, the estimated
21		retirement date for Gibson Units 1 and 2 has been expedited from 2038 to 2035; and the
22		estimated retirement date for Gibson Units 3 and 4 has been expedited from 2034 to
23		2031. He also explains that the expected retirement date of Gibson Unit 5 has been

1		extended since the last depreciation study from 2026 to 2030. It should be noted that
2		components of Gibson Unit 4 were to be retired with Gibson Unit 5 and some
3		components of Gibson Unit 5 would be retired with Gibson Unit 4 from the last
4		depreciation study.
5	Q.	WERE THERE ADDITIONAL FACTORS THAT AFFECTED THE LIFE SPANS
6		OF GENERATING FACILITIES?
7	A.	Yes. The life span for Edwardsport IGCC in particular was affected by the Clean Air Act
8		II and environmental regulations. These regulations must be considered when
9		determining the most appropriate probable retirement date. The impact of the Clean Air
10		Act II and environmental regulations have led to the probable retirement date of 2045 as
11		utilized in the depreciation study.
12	Q.	HAVE THESE CHANGES TO THE LIFE SPANS FOR GENERATING
13		FACILITIES BEEN REFLECTED IN YOUR STUDY?
14	A.	Partially. I have reflected the extended life span estimate for Gibson Unit 5 and
15		maintained the life span for Edwardsport IGCC that was utilized in the last depreciation
16		study. I have reflected the likely higher levels of retirements for some components at
17		Edwardsport IGCC which is presented in the interim survivor curve. I have not adjusted
18		to reflect the more expedited retirements for Gibson Units 1 through 4. As discussed by
19		Company witness Mr. Pinegar, the Company has made the decision to maintain the
20		longer life spans for these units that were used to establish depreciation rates in Cause
21		No. 45253, provided the Company's regulatory asset proposal described by Company

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1	Q.	ARE THE FACTORS CONSIDERED IN YOUR ESTIMATES OF SERVICE LIFE
2		AND NET SALVAGE PERCENTS PRESENTED IN ATTACHMENT 12-A (JJS)?
3	A.	Yes. A discussion of the factors considered in the estimation of service lives and net
4		salvage percents are presented in Part III and Part IV of Attachment-12A (JJS).
5	Q.	DID YOU PHYSICALLY OBSERVE DUKE ENERGY INDIANA'S PLANT AND
6		EQUIPMENT AS PART OF YOUR DEPRECIATION STUDY?
7	A.	Yes. I made a field review of Duke Energy Indiana's property during September 2023 to
8		observe representative portions of plant. I have also made field visits during prior studies
9		since 1999 which are listed in Part III of the Depreciation Study. Field reviews are
10		conducted to become familiar with Company operations and obtain an understanding of
11		the function of the plant and information with respect to the reasons for past retirements
12		and the expected future causes of retirements. This knowledge was incorporated in the
13		interpretation and extrapolation of the statistical analyses.
14	Q.	WHAT IS YOUR OPINION OF THE REASONABLENESS OF THE LIFE SPANS
15		ESTIMATED FOR DUKE ENERGY INDIANA'S PRODUCTION FACILITIES?
16	A.	Because I customarily conduct field reviews for my depreciation studies, I have had the
17		opportunity to visit scores of similar plants and meet with operations personnel at other
18		companies. The knowledge accumulated from those visits and meetings provide me
19		useful information that I can draw on to confirm or challenge my analyses concerning
20		plant condition and remaining life estimates. Drawing upon that experience and subject to
21		approval of the Company's regulatory asset proposal for Gibson Units 1 through 4, my
22		opinion is that the estimated life spans for production facilities as provided by Duke
23		Energy Indiana, and used in the depreciation study, are reasonable and consistent with

1		life spans of similar facilities currently being experienced by other utilities in the
2		industry.
3	Q.	WOULD YOU PLEASE EXPLAIN THE CONCEPT OF "NET SALVAGE"?
4	A.	Net salvage is a component of the service value of capital assets that is recovered through
5		depreciation rates. The service value of an asset is its original cost less its net salvage.
6		Net salvage is the salvage value received for the asset upon retirement less the cost to
7		retire the asset. When the cost to retire exceeds the salvage value, the result is negative
8		net salvage.
9		Inasmuch as depreciation expense is the loss in service value of an asset during a
10		defined period, (e.g. one year) it must include a ratable portion of both the original cost
11		and the net salvage. That is, the net salvage related to an asset should be incorporated in
12		the cost of service during the same period as its original cost so that customers receiving
13		service from the asset pay rates that include a portion of both elements of the asset's
14		service value, the original cost and the net salvage value.
15		For example, the full recovery of the service value of a \$30,000 circuit breaker
16		will include not only the \$30,000 of original cost, but also, on average, \$5,000 to remove
17		the breaker at the end of its life and \$500 in salvage value. In this example, the net
18		salvage component is negative \$4,500 (\$500 - \$5,000), and the net salvage percent is
19		negative 15% ((\$500 - \$5,000)/\$30,000).
20	Q.	PLEASE DESCRIBE HOW YOU ESTIMATED NET SALVAGE
21		PERCENTAGES.
22	A.	The net salvage percentages estimated in the Depreciation Study were based on informed
23		judgment that incorporated factors such as the statistical analyses of historical net salvage

1		data; information provided to me by the Company's operating personnel, general
2		knowledge and experience of industry practices; and trends in the industry in general.
3		The statistical net salvage analyses incorporates the Company's actual historical data for
4		the period 1989 through 2022 and considers the cost of removal and gross salvage ratios
5		to the associated retirements during the 34-year period. Trends of these data are also
6		measured based on three-year moving averages and the most recent five-year indications.
7	Q.	WERE THE NET SALVAGE PERCENTAGES FOR GENERATING
8		FACILITIES BASED ON THE SAME ANALYSES?
9	A.	Yes, for the interim net salvage estimates. The net salvage percentages for generating
10		facilities were based on two components, the interim net salvage percentage and the final
11		net salvage percentage. The interim net salvage percentage is determined based on the
12		historical indications from the period 1989 to 2022 of the cost of removal and gross
13		salvage amounts as a percentage of the associated plant retired. The final net salvage, or
14		decommissioning and dismantlement component, was determined based on the retirement
15		activities associated with the assets anticipated to be retired at the concurrent date of final
16		retirement.
17	Q.	HAVE YOU INCLUDED A DECOMMISSIONING OR DISMANTLEMENT
18		COMPONENT INTO THE OVERALL RECOVERY OF GENERATING
19		FACILITIES?
20	A.	Yes. A decommissioning or dismantlement component has been included to the net
21		salvage percentage for steam, hydro and other production facilities.

23

Depreciation Study.

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1	Q.	CAN YOU EXPLAIN HOW THE FINAL NET SALVAGE COMPONENT IS
2		INCLUDED IN THE DEPRECIATION STUDY?
3	A.	Yes. The decommissioning and dismantlement component is part of the overall net
4		salvage for each location within the production assets. Based on studies for other utilities
5		and the cost estimates of Duke Energy Indiana, it was determined that the
6		decommissioning or dismantlement component for steam, hydro, and other production
7		facilities is best calculated by dividing the decommissioning or dismantlement cost by the
8		surviving plant at final retirement. These amounts at a location basis are added to the
9		interim net salvage percentage of the assets anticipated to be retired on an interim basis to
10		produce the weighted net salvage percentage for each location. The detailed calculations
11		of the overall net salvage for each location are set forth on page VIII-2 of the
12		Depreciation Study.
13	Q.	WHAT IS THE BASIS OF THE DECOMMISSIONING OR DISMANTLEMENT
14		COST ESTIMATES?
15	A.	The decommissioning or dismantlement cost estimates are based on the decommissioning
16		study of each generating site performed by Burns and McDonnell (now known as 1898 &
17		Co) and sponsored by Company witness Mr. Kopp. These estimates are based on the
18		current cost (year 2023 dollars) to decommission the facilities. However, the costs to
19		decommission power plants has tended to increase over time (as have construction costs
20		in general). For this reason, in order to recover the full decommissioning costs for each
21		site, these costs need to be escalated to the time of retirement. The calculations of the
22		escalation of these costs have been provided in the table set forth on page VIII-3 of the

1	Q.	ARE THERE DIFFERENCES BETWEEN WHAT YOU SHOW AS THE
2		DECOMMISSIONING COSTS AND WHAT IS SHOWN IN COMPANY
3		WITNESS MR. KOPP'S STUDY?
4	A.	There are two differences. Duke Energy Indiana has incurred approximately \$92 million
5		in coal ash pond remediation since 2019 and pursuant to a certificate of public
6		convenience and necessity ("CPCN") that was issued by the Commission in Cause No.
7		45253-S1. The Commission's Order issuing that CPCN was later reversed by the Indiana
8		Court of Appeals. As is explained by Company witness Mr. Riley, these costs are costs of
9		removal and should be reflected as such for purposes of establishing depreciation accrual
10		rates. I have allocated sufficient depreciation reserve to account for these costs. These
11		costs were not included in Mr. Kopp's study.
12	Q.	WHAT IS THE SECOND DIFFERENCE BETWEEN WHAT YOU SHOW AS
13		DECOMMISSIONING COSTS AND WHAT IS SHOWN IN COMPANY
14		WITNESS MR. KOPP'S STUDY?
15	A.	Originally, both Mr. Kopp and I had included future post closure maintenance costs
16		associated with ash ponds that are regulated by the United States Environmental
17		Protection Agency's Coal Combustion Residuals ("CCR") Rule. As explained by
18		Company witness Mr. Pinegar, the Company later determined to exclude these future
19		anticipated costs from the calculation of depreciation rates in an effort to mitigate the
20		overall rate increase. Both Mr. Kopp and I then made that revision to exclude these costs.
21		When Mr. Kopp revised his study, however, he learned there had been a
22		misunderstanding between him and the Company regarding one of the assumptions

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1		the projected dismantlement cost to Duke Energy Indiana. I was unaware of this
2		reduction when I completed my study. Given this reduction is so small, it would have a
3		de-minimis effect on depreciation rates and so I did not revise my study to include it.
4	Q.	PLEASE DESCRIBE THE SECOND PHASE OF THE PROCESS THAT YOU
5		USED IN THE DEPRECIATION STUDY IN WHICH YOU CALCULATED
6		COMPOSITE REMAINING LIVES AND ANNUAL DEPRECIATION ACCRUAI
7		RATES.
8	A.	After I estimated the service life and net salvage characteristics for each depreciable
9		property group, I calculated the annual depreciation accrual rates for each depreciable
10		group based on the straight line remaining life method, using remaining lives weighted
11		consistent with the average service life procedure. The calculation of annual depreciation
12		accrual rates was developed as of June 30, 2023.
13	Q.	PLEASE DESCRIBE THE STRAIGHT LINE REMAINING LIFE METHOD OF
14		DEPRECIATION.
15	A.	The straight line remaining life method of depreciation allocates the original cost of the
16		property, less accumulated depreciation, less future net salvage, in equal amounts to each
17		year of remaining service life.
18	Q.	HAVE YOU PREVIOUSLY RECOMMENDED A DIFFERENT METHOD AND
19		PROCEDURE COMBINATION?
20	A.	Yes. For many years I recommended for Duke Energy Indiana the equal life group
21		procedure combined with the remaining life method. In the last proceeding, the average
22		service life procedure was approved for determining depreciation rates.

A.

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#### Q. PLEASE DESCRIBE THE EQUAL LIFE GROUP PROCEDURE FOR

#### CALCULATING REMAINING LIFE ACCRUAL RATES.

In the equal life group procedure, the property group is subdivided according to service life. That is, each equal life group includes that portion of the property which experiences the life of that specific group. The relative size of each equal life group is determined from the property's life dispersion curve. This procedure eliminates the need to base depreciation on average lives, inasmuch as each group is equivalent to a unit having a single life. The full costs of short-lived units are accrued during their lives, leaving no deferral of accruals required to be added to the annual costs associated with long-lived units. The calculated depreciation for the property group is the summation of the calculated depreciation based on the service life of each equal life group.

The equal life group procedure allocates the capital cost of a group property to annual expense in accordance with the consumption of the service value of the group.

The more timely return of plant investment accomplished by fully accruing each item's cost during its service life not only reduces the risk of incomplete capital recovery, but also results in less investment-related cost over the life span of a depreciable group.

Under the equal life group procedure, the future book accruals (original cost less book reserve) for each vintage are divided by the composite remaining life for the surviving original cost of that vintage. The vintage composite remaining life is derived by summing the original cost less the calculated reserve for each equal life group and dividing by the sum of the whole life annual accruals.

#### Q. WAS THE USE OF THE AVERAGE SERVICE LIFE PROCEDURE PLANNED?

A. Yes. In order to minimize the impact of depreciation expense the Company requested the

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1 use of the average service life procedure.

#### 2 O. PLEASE DESCRIBE AMORTIZATION ACCOUNTING.

A. Amortization accounting is used for accounts with a large number of units, but small asset values. In amortization accounting, units of property are capitalized in the same manner as they are in depreciation accounting. However, depreciation accounting is difficult for these assets because periodic inventories are required to properly reflect plant in service. Consequently, retirements are recorded when a vintage is fully amortized rather than as the units are removed from service. That is, there is no dispersion of retirement. All units are retired when the age of the vintage reaches the amortization period. Each plant account or group of assets is assigned a fixed period which represents an anticipated life during which the asset will render service. For example, in amortization accounting, assets that have a 20-year amortization period will be fully recovered after 20 years of service and taken off the Company books, but not necessarily removed from service. In contrast, assets that are taken out of service before 20 years remain on the books until the amortization period for that vintage has expired.

# Q. FOR WHICH PLANT ACCOUNTS IS AMORTIZATION ACCOUNTING BEING IMPLEMENTED?

A. Amortization accounting is only appropriate for certain Common and General Plant accounts. These accounts are 391.0, 391.1, 393.0, 393.1, 394.0, 395.0, 397.0 and 398.0 which represents slightly more than two percent of depreciable plant.

1	Q.	PLEASE DESCRIBE HOW YOU ASSIGNED ACCUMULATED BOOK
2		RESERVE TO EACH LOCATION WITHIN EACH ACCOUNT?
3	A.	The development of the book reserve for each location has been established based on a
4		composite rate for a group of locations within an account. Thus, the actual book reserve
5		at the location level was determined by applying a composite rate to the plant balance.
6		When dealing with group depreciation there are multiple parameters that affect the rate,
7		such as interim survivor curve, probable retirement date and net salvage percent among
8		the key factors. In conducting a depreciation study, a more defined manner of
9		determining the individual location rates should be established. The key factors stated
10		above establish the theoretical reserve which is utilized to appropriately assign the book
11		reserve at the location and vintage level. Updating retirement dates adjusts the weighting
12		between the locations. Therefore, a changed retirement date, survivor curve or net
13		salvage percent for one location affects all the locations in the account.
14	Q.	PLEASE USE AN EXAMPLE TO ILLUSTRATE THE DEVELOPMENT OF THE
15		ANNUAL DEPRECIATION ACCRUAL RATE FOR A PARTICULAR GROUP
16		OF PROPERTY IN YOUR DEPRECIATION STUDY.
17	A.	I will use Account 353.00, Station Equipment, as an example because it is one of the
18		largest depreciable groups.
19		The retirement rate method was used to analyze the survivor characteristics of this
20		property group. Aged plant accounting data were compiled from 1956 through 2022 and
21		analyzed in periods that best represent the overall service life of this property. The life
22		tables for the 1956-2022 and 2003-2022 experience bands are presented in the
23		depreciation study on pages VII-111 through VII-116. Each life table displays the

#### **PETITIONER'S EXHIBIT 12**

#### DUKE ENERGY INDIANA 2024 BASE RATE CASE DIRECT TESTIMONY OF JOHN J. SPANOS

retirement and surviving ratios of the aged plant data exposed to retirement by age interval. For example, page VII-111 of Attachment 12-A (JJS), shows \$530,266 retired during age interval 0.5-1.5 with \$890,292,971 exposed to retirement at the beginning of the interval. Consequently, the retirement ratio is 0.0006 (\$530,266/\$890,292,971) and the survivor ratio is 0.9994 (1-0.0006). The life tables, or original survivor curves, are plotted along with the estimated smooth survivor curve, the 54-R1, on page VII-110 of Attachment 12-A (JJS).

The net salvage percent is presented on pages VIII-46 and VIII-47. The percentage is based on the result of annual gross salvage minus the cost to remove plant assets as compared to the original cost of plant retired during the period 1989 through 2022. The 34-year period experienced \$20,543,532 (\$1,068,814 - \$21,612,346) in net salvage for \$141,972,961 plant retired. The result is negative net salvage of 14 percent (\$20,543,532/\$141,972,961). Recent trends have shown indications of negative 15 percent, therefore, it was determined that based on industry ranges, historical indications and Company expectations, that negative 15 percent was the most appropriate estimate. The negative 15 percent estimate balances the overall average of negative 14 percent and more recent averages of negative 15 percent. The most recent three years have shown even more trends to negative levels closer to 30 percent.

My calculation of the annual depreciation related to original cost of electric utility plant as of June 30, 2023 for Account 353.00 is presented on pages IX-130 through IX-132 of Attachment 12-A (JJS). The calculation is based on the 54-R1 survivor curve, 15% negative net salvage, the attained age, and the allocated book reserve. The tabulation sets forth the installation year, the original cost, calculated accrued depreciation, allocated

1		book reserve, future accruals, remaining life and annual accrual. These totals are brought			
2		forward to Table 1 on page VI-9.			
3	Q.	HAVE YOU DEVELOPED RATES FOR FUTURE ASSETS?			
4	A.	There are no new asset classes that rates have been developed. However, there are			
5		existing asset classes or locations that currently are fully depreciated but a rate for future			
6		investment will have a rate established. These rates are set forth on page VI-10 of			
7		Attachment 12-A (JJS).			
8		III. CONCLUSION			
9	Q.	WAS PETITIONER'S ATTACHMENT 12-A (JJS) ) PREPARED UNDER YOUR			
10		DIRECTION AND CONTROL?			
11	A.	Yes.			
12	Q.	IN YOUR OPINION, ARE THE DEPRECIATION AND AMORTIZATION			
13		RATES SET FORTH IN ATTACHMENT 12-A (JJS) THE APPROPRIATE			
14		RATES FOR THE COMMISSION TO ADOPT IN THIS PROCEEDING FOR			
15		DUKE ENERGY INDIANA?			
16	A.	Yes. These rates appropriately reflect the rates at which the costs of Duke Energy			
17		Indiana's assets are being consumed over their useful lives. These rates are an appropriate			
18		basis for setting electric rates in this matter and for the Company to use for booking			
19		depreciation and amortization expense going forward.			
20	Q.	DOES THIS CONCLUDE YOUR PREFILED DIRECT TESTIMONY?			
21	A.	Yes, it does.			

#### **VERIFICATION**

I hereby verify under the penalties of perjury that the foregoing representations are true to the best of my knowledge, information and belief.

Dated: April 4, 2024



### 2023 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 30, 2023

Prepared by:



#### DUKE ENERGY INDIANA Plainfield, Indiana

#### 2023 DEPRECIATION STUDY

# CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 30, 2023

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania



Gannett Fleming
Valuation and Rate Consultants, LLC

Corporate Headquarters 207 Senate Avenue Camp Hill, PA 17011 **P** 717.763.7211 | **F** 717.763.8150

gannettfleming.com

March 29, 2024

Duke Energy Indiana 400 S. Tryon Street Charlotte, NC 28202

Attention Michael O'Keeffe
Director, Asset Accounting

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the electric plant of Duke Energy Indiana as of June 30, 2023. The attached report presents a description of the methods used in the estimation of depreciation, the summary of annual and accrued depreciation, the statistical support for the service life and net salvage estimates, and the detailed tabulations of annual and accrued depreciation.

Respectfully submitted,

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

JOHN J. SPANOS

President

JJS:mle

075382

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#### **DUKE ENERGY INDIANA**

#### **DEPRECIATION STUDY**

#### **EXECUTIVE SUMMARY**

Pursuant to Duke Energy Indiana's ("DEI" or "Company") request, Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming") conducted a depreciation study related to the electric plant as of June 30, 2023. The purpose of this study was to determine the annual depreciation accrual rates and amounts for book and ratemaking purposes.

The depreciation rates are based on the straight line method using the average service life ("ASL" also referred to as Average Life Group) procedure and were applied on a remaining life basis. The calculations were based on attained ages and estimated average service life and forecasted net salvage characteristics for each depreciable group of assets.

DEI's accounting policy has not changed since the last depreciation study was prepared. However, there has been a significant change in the surviving assets, particularly at steam facilities. These changes have caused the proposed service life estimates and net salvage parameters in the depreciation study to change which creates new depreciation rates from the previous depreciation study as of December 31, 2018.

Gannett Fleming recommends the calculated annual depreciation accrual rates set forth herein apply specifically to electric plant in service as of June 30, 2023 as summarized by Table 1 of the study. Supporting analysis and calculations are provided within the study.



The study results set forth an annual depreciation expense of \$832.7 million when applied to depreciable plant balances as of June 30, 2023. The results are summarized at the functional level as follows:

#### SUMMARY OF ORIGINAL COST, ACCRUAL RATES AND AMOUNTS

FUNCTION	ORIGINAL COST AS OF JUNE 30, 2023	PROPOSED RATE	PROPOSED EXPENSE		
ELECTRIC PLANT					
Steam Production Plant	\$7,893,899,337.09	7.01	\$553,558,182		
Hydraulic Production Plant	156,931,939.94	2.77	4,349,780		
Other Production Plant	1,214,175,828.25	3.58	43,468,189		
Transmission Plant	2,223,817,638.28	2.69	59,918,194		
Distribution Plant	4,670,120,247.66	2.84	132,474,796		
General Plant	_770,652,642.88	5.06	38,969,644		
Total	<u>\$16,929,597,634.10</u>	4.92	<u>\$832,738,785</u>		



### PART I. INTRODUCTION

## DUKE ENERGY INDIANA DEPRECIATION STUDY

#### PART I. INTRODUCTION

#### SCOPE

This report sets forth the results of the depreciation study for Duke Energy Indiana ("DEI") as applied to electric plant in service as of June 30, 2023. It relates to the concepts, methods and basic judgments which underlie recommended annual depreciation accrual rates related to current electric plant in service.

The service life estimates resulting from the study were based on informed judgment which incorporated analyses of historical plant retirement data as recorded through December 2022; a review of Company practice and outlook as they relate to plant operation and retirement; and consideration of current practice in the electric industry, including knowledge of service life and salvage estimates used for other electric properties.

#### **PLAN OF REPORT**

Part I, Introduction, contains statements with respect to the plan of the report, and the basis of the study. Part II, Estimation of Survivor Curves, presents descriptions of the considerations and the methods used in the service life and net salvage studies. Part III, Service Life Considerations, presents the factors and judgment utilized in the average service life analysis. Part IV, Net Salvage Considerations, presents the judgment utilized for the net salvage study. Part V, Calculation of Annual and Accrued Depreciation, describes the procedures used in the calculation of group depreciation. Part VI, Results of Study, presents summaries by depreciable group of annual depreciation accrual rates and amounts, as well as composite remaining lives. Part VII, Service Life Statistics presents the statistical analysis of service life estimates, Part VIII, Net Salvage Statistics



sets forth the statistical indications of net salvage percents, and Part IX, Detailed Depreciation Calculations presents the detailed tabulations of annual depreciation.

#### **BASIS OF THE STUDY**

#### **Depreciation**

Depreciation, in public utility regulation, is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among causes to be given consideration are wear and tear, deterioration, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, and the requirements of public authorities.

Depreciation, as used in accounting, is a method of distributing fixed capital costs, less net salvage, over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing electric utility service. Normally, the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service, that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the straight-line method of depreciation.

For most accounts, the annual depreciation was calculated by the straight line method using the average service life procedure and the remaining life basis. For certain General Plant Accounts, the annual depreciation was based on amortization accounting. The calculated remaining lives and annual depreciation accrual rates were based on attained ages of plant in service and the estimated service life and salvage characteristics of each depreciable group.

#### **Service Life and Net Salvage Estimates**

The service life and net salvage estimates used in the depreciation and amortization calculations were based on informed judgment which incorporated a review of management's plans, policies and outlook, a general knowledge of the electric utility industry, and comparisons of the service life and net salvage estimates from our studies of other electric utilities. The use of survivor curves to reflect the expected dispersion of retirement provides a consistent method of estimating depreciation for electric plant. Iowa type survivor curves were used to depict the estimated survivor curves for the plant accounts not subject to amortization accounting.

The procedure for estimating service lives consisted of compiling historical data for the plant accounts or depreciable groups, analyzing this history through the use of widely accepted techniques, and forecasting the survivor characteristics for each depreciable group on the basis of interpretations of the historical data analyses and the probable future. The combination of the historical experience and the estimated future yielded estimated survivor curves from which the average service lives were derived.

# PART II. ESTIMATION OF SURVIVOR CURVES

#### PART II. ESTIMATION OF SURVIVOR CURVES

The calculation of annual depreciation based on the straight line method requires the estimation of survivor curves and the selection of group depreciation procedures. The estimation of survivor curves is discussed below and the development of net salvage is discussed in later sections of this report.

#### **SURVIVOR CURVES**

The use of an average service life for a property group implies that the various units in the group have different lives. Thus, the average life may be obtained by determining the separate lives of each of the units or by constructing a survivor curve by plotting the number of units which survive at successive ages.

The survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve, the average life of the group, the remaining life expectancy, the probable life, and the frequency curve can be calculated. In Figure 1, a typical smooth survivor curve and the derived curves are illustrated. The average life is obtained by calculating the area under the survivor curve, from age zero to the maximum age, and dividing this area by the ordinate at age zero. The remaining life expectancy at any age can be calculated by obtaining the area under the curve, from the observation age to the maximum age, and dividing this area by the percent surviving at the observation age. For example, in Figure 1, the remaining life at age 30 is equal to the crosshatched area under the survivor curve divided by 29.5 percent surviving at age 30. The probable life at any age is developed by adding the age and remaining life. If the probable life of the property is calculated for each year of age, the probable life curve shown in the chart can be developed. The frequency curve presents the number of units retired in each age interval. It is derived by obtaining the differences between the amount of property surviving at the beginning and at the end of each interval.

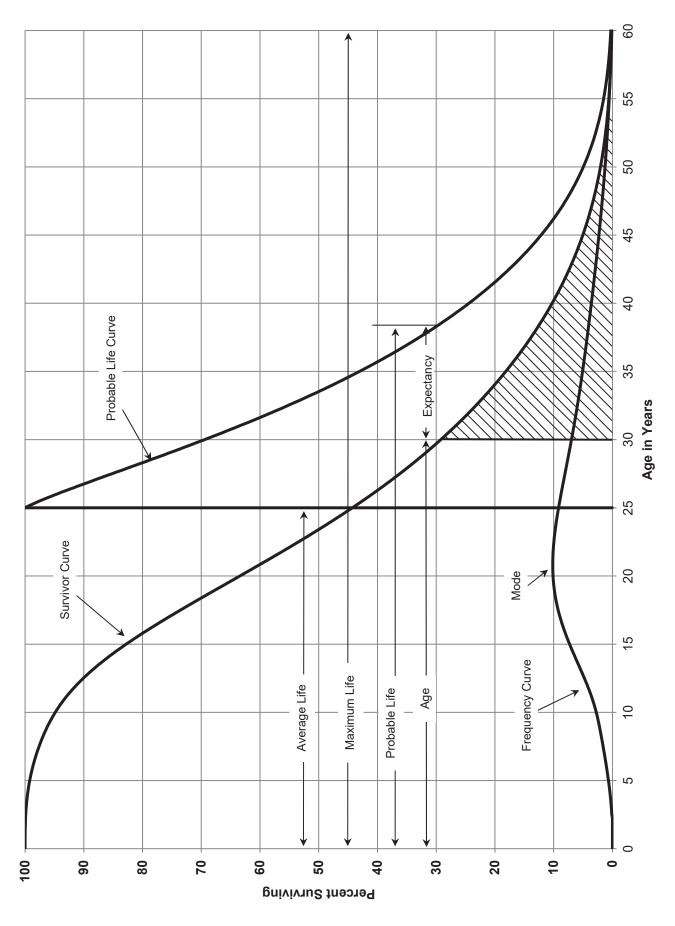


This study has incorporated the use of lowa curves developed from a retirement rate analysis of historical retirement history. A discussion of the concepts of survivor curves and of the development of survivor curves using the retirement rate method is presented below.

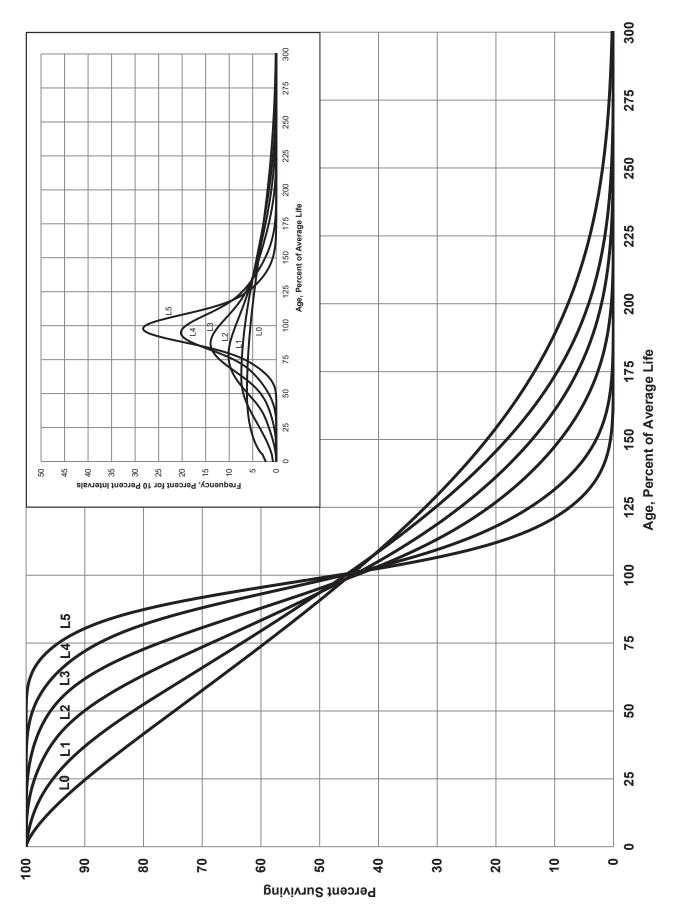
#### **Iowa Type Curves**

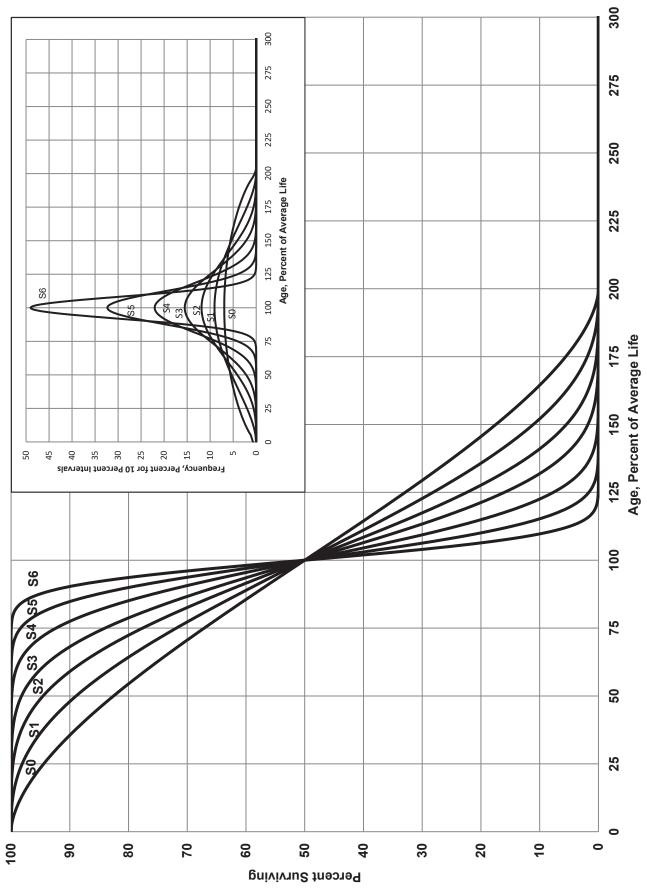
The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the lowa type curves. There are four families in the lowa system, labeled in accordance with the location of the modes of the retirements (or the portion of the frequency curve with the highest level of retirements) in relationship to the average life and the relative height of the modes. The left moded curves, presented in Figure 2, are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded curves, presented in Figure 3, are those in which the greatest frequency of retirement occurs at average service life. The right moded curves, presented in Figure 4, are those in which the greatest frequency occurs to the right of, or after, average service life. The origin moded curves, presented in Figure 5, are those in which the greatest frequency of retirement occurs at the origin, or immediately after age zero. The letter designation of each family of curves (L, S, R or O) represents the location of the mode of the associated frequency curve with respect to the average service life. The numbers represent the relative heights of the modes of the frequency curves within each family. A higher number designates a higher mode curve.

The lowa curves were developed at the lowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves, which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125.

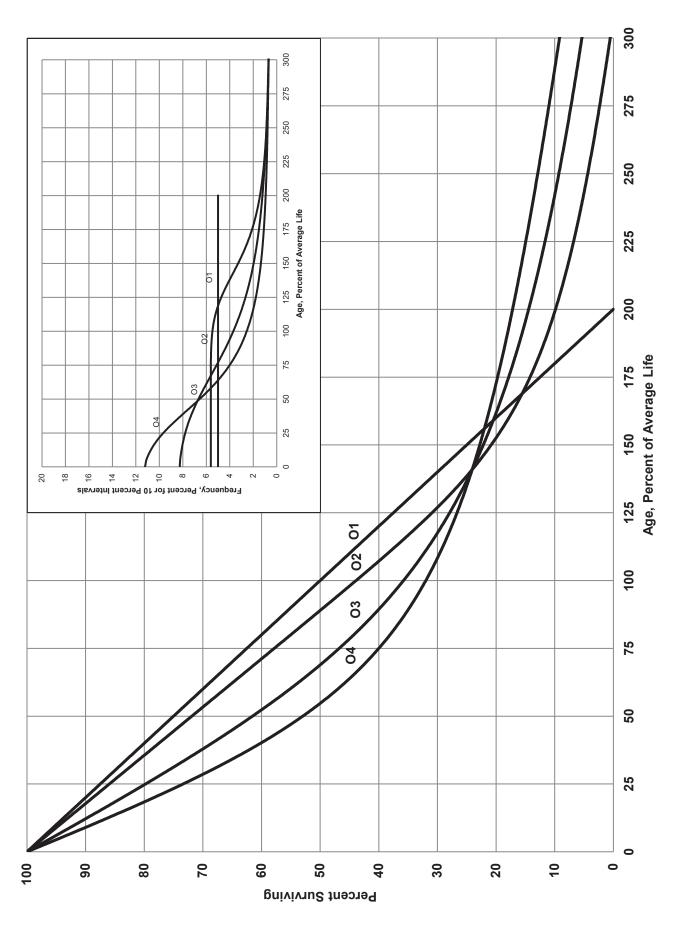








# FIGURE 4.. RIGHT MODAL OR "R" IOWA TYPE SURVIVOR CURVES



These curve types have also been presented in subsequent Experiment Station bulletins and in the text, "Engineering Valuation and Depreciation." In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student, submitted a thesis presenting his development of the fourth family consisting of the four O type survivor curves.

### **Retirement Rate Method of Analysis**

The retirement rate method is an actuarial method of deriving survivor curves using the average rates at which property of each age group is retired. The method relates to property groups for which aged accounting experience is available and is the method used to develop the original stub survivor curves in this study. The method (also known as the annual rate method) is illustrated through the use of an example in the following text and is also explained in several publications including "Statistical Analyses of Industrial Property Retirements," Engineering Valuation and Depreciation, and "Depreciation Systems."

The average rate of retirement used in the calculation of the percent surviving for the survivor curve (life table) requires two sets of data: first, the property retired during a period of observation, identified by the property's age at retirement; and second, the property exposed to retirement at the beginning of the age intervals during the same period. The period of observation is referred to as the experience band. The band of years which represent the installation dates of the property exposed to retirement during the experience band is referred to as the placement band. An example of the calculations used in the development of a life table follows. The example includes schedules of annual aged property transactions, a schedule of plant exposed to retirement, a life table and illustrations of smoothing the stub survivor curve.

<sup>&</sup>lt;sup>4</sup>Wolf, Frank K. and W. Chester Fitch. <u>Depreciation Systems</u>. Iowa State University Press. 1994.



<sup>&</sup>lt;sup>1</sup>Marston, Anson, Robley Winfrey and Jean C. Hempstead. Engineering Valuation and Depreciation, 2nd Edition. New York, McGraw-Hill Book Company. 1953.

<sup>&</sup>lt;sup>2</sup>Winfrey, Robley, <u>Statistical Analyses of Industrial Property Retirements</u>. Iowa State College, Engineering Experiment Station, Bulletin 125. 1935.

<sup>&</sup>lt;sup>3</sup>Marston, Anson, Robley Winfrey, and Jean C. Hempstead, Supra Note 1.

### **Schedules of Annual Transactions in Plant Records**

The property group used to illustrate the retirement rate method is observed for the experience band 2014-2023 for which there were placements during the years 2009-2023. In order to illustrate the summation of the aged data by age interval, the data were compiled in the manner presented in Schedules 1 and 2 on pages II-11 and II-12. In Schedule 1, the year of installation (year placed) and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, \$10,000 of the dollars invested in 2009 were retired in 2014. The \$10,000 retirement occurred during the age interval between 4½ and 5½ years on the basis that approximately one-half of the amount of property was installed prior to and subsequent to July 1 of each year. That is, on the average, property installed during a year is placed in service at the midpoint of the year for the purpose of the analysis. All retirements also are stated as occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age interval. For example, the total of \$143,000 retired for age interval  $4\frac{1}{2}$ - $5\frac{1}{2}$  is the sum of the retirements entered on Schedule 1 immediately above the stair step line drawn on the table beginning with the 2014 retirements of 2009 installations and ending with the 2023 retirements of the 2018 installations. Thus, the total amount of 143 for age interval  $4\frac{1}{2}$ - $5\frac{1}{2}$  equals the sum of:

$$10 + 12 + 13 + 11 + 13 + 13 + 15 + 17 + 19 + 20$$
.

Placement Band 2009-2023

SCHEDULE 1. RETIREMENTS FOR EACH YEAR 2014-2023 SUMMARIZED BY AGE INTERVAL

	Age	Interval	(13)	131/2-141/2	121/2-131/2	111/2-121/2	101/2-111/2	91/2-101/2	81/2-91/2	71/2-81/2	61/2-71/2	51/2-61/2	41/2-51/2	31/2-41/2	21/2-31/2	11/2-21/2	1/2-11/2	0-1/2	
	Total During	Age Interval	(12)	26	44	64	83	93	105	113	124	131	143	146	150	151	153	80	1,606
		2023	(11)	26	19	18	17	20	20	20	19	19	20	23	22	22	24	13	308
		2022	(10)	25	22	22	16	19	16	18	19	19	19	22	22	23	7		273
		2021	(6)	24	21	21	15	17	15	16	17	17	17	20	20	7			231
Dollars		2020	(8)	23	20	19	4	16	4	15	16	16	16	18	6				196
Retirements, Thousands of Dollars	During Year	2019	(7)	16	18	17	13	14	13	14	15	15	14	œ					157
nents, Tho	During	2018	(9)	4	16	16	7	13	12	13	13	13	_						128
Retirer		2017	(2)	13	15	4	7	12	7	12	12	9							106
		2016	(4)	12	13	13	10	7	10	7	9								98
		2015	(3)	7	12	12	တ	10	<u></u>	2									89
		2014	(2)	10	11	7	∞	6	4										53
;	Year	Placed	(1)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total

Experience Band 2014-2023

SCHEDULE 2. OTHER TRANSACTIONS FOR EACH YEAR 2014-2023 SUMMARIZED BY AGE INTERVAL

Placement Band 2009-2023 Experience Band 2014-2023

	Age	Interval	(13)	131/2-141/2	121/2-131/2	111/2-121/2	101/2-111/2	91/2-101/2	81/2-91/2	71/2-81/2	61/2-71/2	51/2-61/2	41/2-51/2	31/2-41/2	21/2-31/2	11/2-21/2	1/2-11/2	0-1/2		
	Total During	Age Interval	(12)	1	ı	ı	09	ı	(2)	9	ı	ı	ı	10	ı	(121)	ı		(20)	
		2023	(11)	ı				,	,	,	,					$(102)^{c}$			(102)	
		2022	(10)	ı						,		,	$22^{a}$						22	
f Dollars		2021	(A)	,			(2) <sub>p</sub>	6 <sub>a</sub>		,		$(12)^{b}$		(19) <sup>b</sup>		,			(30)	
usands o		2020	(8)	<sub>e</sub> 09				,	,	ı	,	,							09	
Sales, Tho Year		2019	$\subseteq$	ı				,	,	,	,									
fers and Sales, During Year		2018	(9)							,										
Acquisitions, Transfers and Sales, Thousands of Dollars During Year		2017	(2)							,									1	
Acquisition		2016		ı						,										
		<u>2015</u>	(3)	ı						,									ı	
		2014	(2)	ı				,	,										,	
•	Year	Placed	E)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	-

<sup>&</sup>lt;sup>a</sup> Transfer Affecting Exposures at Beginning of Year

Parentheses Denote Credit Amount.

<sup>&</sup>lt;sup>b</sup> Transfer Affecting Exposures at End of Year

<sup>°</sup> Sale with Continued Use

In Schedule 2, other transactions which affect the group are recorded in a similar manner. The entries illustrated include transfers and sales. The entries which are credits to the plant account are shown in parentheses. The items recorded on this schedule are not totaled with the retirements, but are used in developing the exposures at the beginning of each age interval.

### **Schedule of Plant Exposed to Retirement**

The development of the amount of plant exposed to retirement at the beginning of each age interval is illustrated in Schedule 3 on page II-14. The surviving plant at the beginning of each year from 2014 through 2023 is recorded by year in the portion of the table headed "Annual Survivors at the Beginning of the Year." The last amount entered in each column is the amount of new plant added to the group during the year. The amounts entered in Schedule 3 for each successive year following the beginning balance or addition are obtained by adding or subtracting the net entries shown on Schedules 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being exposed to retirement in this group at the beginning of the year in which they occurred, and the sales and transfers-out are considered to be removed from the plant exposed to retirement at the beginning of the following year. Thus, the amounts of plant shown at the beginning of each year are the amounts of plant from each placement year considered to be exposed to retirement at the beginning of each successive transaction year. For example, the exposures for the installation year 2019 are calculated in the following manner:

Exposures at age 0 = amount of addition	= \$750,000
Exposures at age ½ = \$750,000 - \$8,000	= \$742,000
Exposures at age 1½ = \$742,000 - \$18,000	= \$724,000
Exposures at age $2\frac{1}{2}$ = \$724,000 - \$20,000 - \$19,000	) = \$685,000
Exposures at age $3\frac{1}{2}$ = \$685,000 - \$22,000	= \$663,000

Placement Band 2009-2023

SCHEDULE 3. PLANT EXPOSED TO RETIREMENT JANUARY 1 OF EACH YEAR 2014-2023 SUMMARIZED BY AGE INTERVAL

		_		72	2	2	2	2											
	Age	Interva	(13)	131/2-141/2	121/2-131/2	111/2-121/2	101/2-111/2	91/2-101/2	81/2-91/2	71/2-81/2	61/2-71/2	51/2-61/2	41/2-51/2	31/2-41/2	21/2-31/2	11/2-21/2	1/2-11/2	0-1/2	
Total at	Beginning of	Age Interval	(12)	167	323	531	823	1,097	1,503	1,952	2,463	3,057	3,789	4,332	4,955	5,719	6,579	7,490	44,780
		2023	(11)	167	131	162	226	261	316	356	412	482	609	663	799	926	1,069	1,220ª	7,799
		2022	(10)	192	153	184	242	280	332	374	431	501	628	685	821	949	$1,080^{a}$		6,852
	ar	2021	(6)	216	174	202	262	297	347	390	448	530	623	724	841	960a			6,017
ollars	urvivors at the Beginning of the Year	2020	(8)	239	194	224	276	307	361	405	464	546	639	742	850a				5,247
sands of □	<b>Beginning</b>	2019	(2)	195	212	241	289	321	374	419	479	561	653	750a					4,494
Exposures, Thousands of Dollars	ivors at the	2018	(9)	209	228	257	300	334	386	432	492	574	660a						3,872
Expos	Annual Surv	2017	(2)	222	243	271	311	346	397	444	504	580a							3,318
	A	2016	(4)	234	256	284	321	357	407	455	510a								2,824
			(3)	245	268	296	330	367	416	460a									2,382
		2014	(2)	255	279	307	338	376	420a										1,975
	Year	Placed	(1)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total

<sup>a</sup>Additions during the year

Experience Band 2014-2023

For the entire experience band 2014-2023, the total exposures at the beginning of an age interval are obtained by summing diagonally in a manner similar to the summing of the retirements during an age interval (Schedule 1). For example, the figure of 3,789, shown as the total exposures at the beginning of age interval  $4\frac{1}{2}$ - $5\frac{1}{2}$ , is obtained by summing:

### **Original Life Table**

The original life table, illustrated in Schedule 4 on page II-16, is developed from the totals shown on the schedules of retirements and exposures, Schedules 1 and 3, respectively. The exposures at the beginning of the age interval are obtained from the corresponding age interval of the exposure schedule, and the retirements during the age interval are obtained from the corresponding age interval of the retirement schedule. The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100% at age zero and successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

Percent surviving at age 4½ 88.15 Exposures at age 4½ = 3.789,000Retirements from age  $4\frac{1}{2}$  to  $5\frac{1}{2}$ 143,000 Retirement Ratio =  $143,000 \div 3,789,000 = 0.0377$ 0.0377 = 0.9623Survivor Ratio = 1.000 -Percent surviving at age 5½ (88.15) x (0.9623) =84.83

The totals of the exposures and retirements (columns 2 and 3) are shown for the purpose of checking with the respective totals in Schedules 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless.

# SCHEDULE 4. ORIGINAL LIFE TABLE CALCULATED BY THE RETIREMENT RATE METHOD

Experience Band 2014-2023

Placement Band 2009-2023

(Exposure and Retirement Amounts are in Thousands of Dollars)

Age at	Exposures at	Retirements			Percent Surviving at
•	Exposures at Beginning of		Retirement	Survivor	•
Beginning of	0	During Age			Beginning of
Interval	Age Interval	Interval	Ratio	Ratio	Age Interval
(1)	(2)	(3)	(4)	(5)	(6)
0.0	7,490	80	0.0107	0.9893	100.00
0.5	6,579	153	0.0233	0.9767	98.93
1.5	5,719	151	0.0264	0.9736	96.62
2.5	4,955	150	0.0303	0.9697	94.07
3.5	4,332	146	0.0337	0.9663	91.22
4.5	3,789	143	0.0377	0.9623	88.15
5.5	3,057	131	0.0429	0.9571	84.83
6.5	2,463	124	0.0503	0.9497	81.19
7.5	1,952	113	0.0579	0.9421	77.11
8.5	1,503	105	0.0699	0.9301	72.65
9.5	1,097	93	0.0848	0.9152	67.57
10.5	823	83	0.1009	0.8991	61.84
11.5	531	64	0.1205	0.8795	55.60
12.5	323	44	0.1362	0.8638	48.90
13.5	<u> </u>	<u>26</u>	0.1557	0.8443	42.24
					35.66
Total	<u>44,780</u>	<u>1,606</u>			



Column 2 from Schedule 3, Column 12, Plant Exposed to Retirement.

Column 3 from Schedule 1, Column 12, Retirements for Each Year.

Column 4 = Column 3 Divided by Column 2.

Column 5 = 1.0000 Minus Column 4.

Column 6 = Column 5 Multiplied by Column 6 as of the Preceding Age Interval.

The original survivor curve is plotted from the original life table (column 6, Schedule 4). When the curve terminates at a percent surviving greater than zero, it is called a stub survivor curve. Survivor curves developed from retirement rate studies generally are stub curves.

### **Smoothing the Original Survivor Curve**

The smoothing of the original survivor curve eliminates any irregularities and serves as the basis for the preliminary extrapolation to zero percent surviving of the original stub curve. Even if the original survivor curve is complete from 100% to zero percent, it is desirable to eliminate any irregularities, as there is still an extrapolation for the vintages which have not yet lived to the age at which the curve reaches zero percent. In this study, the smoothing of the original curve with established type curves was used to eliminate irregularities in the original curve.

The lowa type curves are used in this study to smooth those original stub curves which are expressed as percents surviving at ages in years. Each original survivor curve was compared to the lowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7, and 8, the original curve developed in Schedule 4 is compared with the L, S, and R lowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0.

In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1 are drawn for comparison purposes. It is probable that the 12-R1 lowa curve would be selected as the most representative of the plotted survivor characteristics of the group.

FIGURE 6. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1 IOWA TYPE CURVE ORIGINAL AND SMOOTH SURVIVOR CURVES

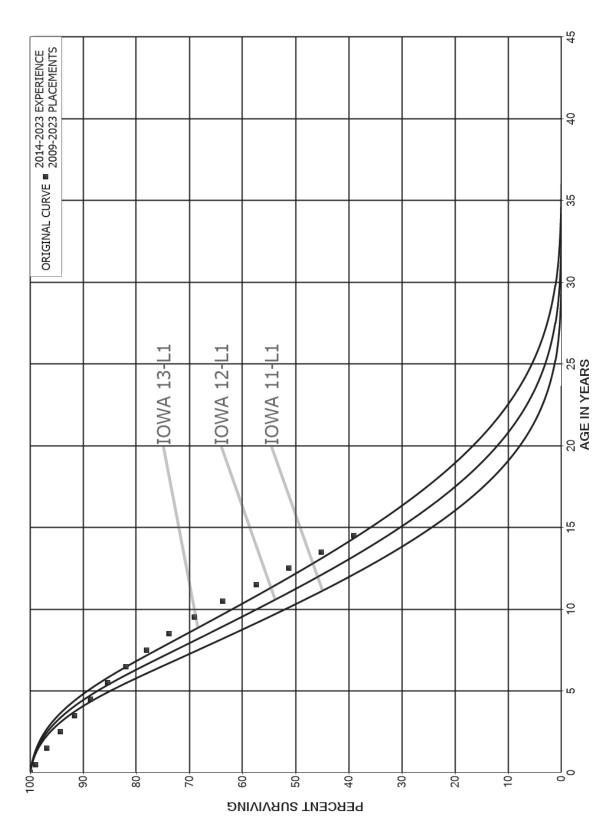


FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN SO IOWA TYPE CURVE ORIGINAL AND SMOOTH SURVIVOR CURVES

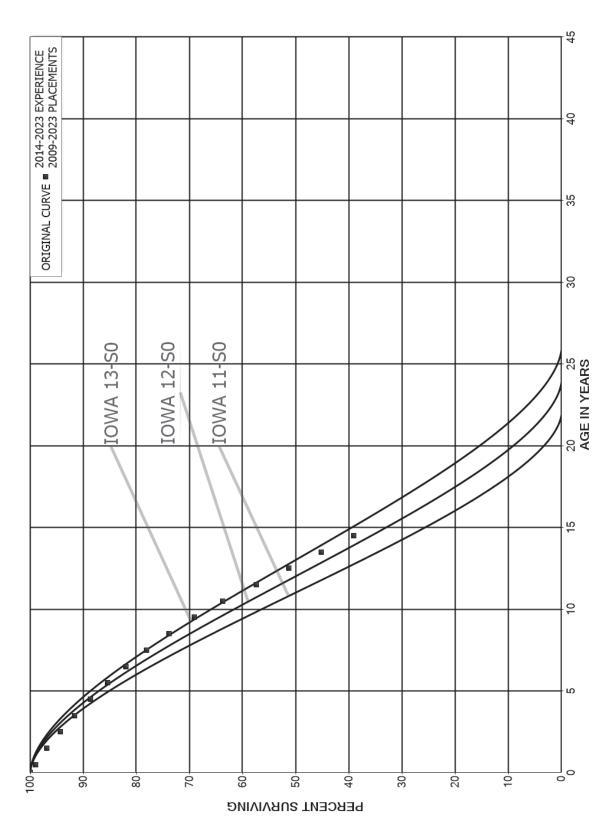
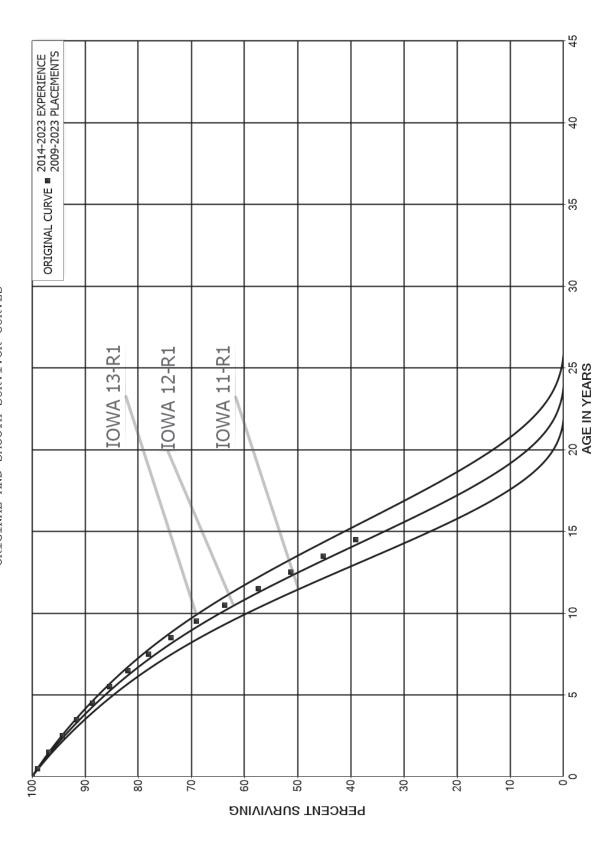
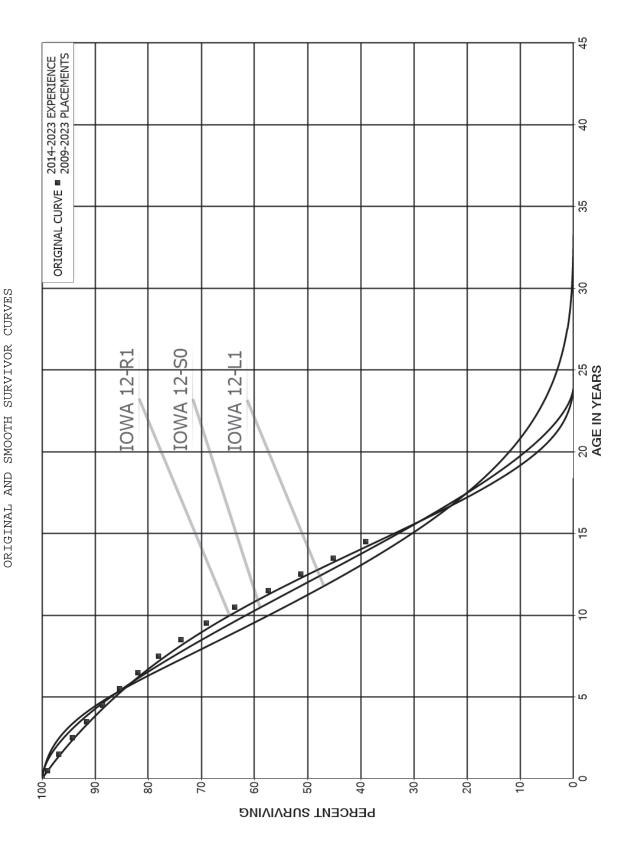


FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN R1 IOWA TYPE CURVE ORIGINAL AND SMOOTH SURVIVOR CURVES



SO AND R1 IOWA TYPE CURVE FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1,



PART III. SERVICE LIFE CONSIDERATIONS

### PART III. SERVICE LIFE CONSIDERATIONS

### FIELD TRIPS

In order to be familiar with the operation of the Company and to observe representative portions of the plant, a field trip was conducted. A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirements was obtained during this trip. This knowledge and information were incorporated in the interpretation and extrapolation of the statistical analyses.

The plant facilities visited during site visits are as follows:

### September 7, 2023

Gibson Generating Station
Wheatland Generating Station
Edwardsport IGCC
Terre Haute Substation 1
Cayuga Generating Station
Purdue CHP
Lafayette Substation 2

### November 28, 2018

Wabash River Generating Station Cayuga Generating Station Noblesville Generating Station

### November 27, 2018

Gibson Generating Station Wheatland Generating Station Edwardsport IGCC Station

### November 26, 2018

Gallagher Generating Station

### February 20, 2008

Noblesville Generating Station Cadiz (Henry County) Generating Station Madison Generating Station

### February 19, 2008

Wheatland Generating Station Wheatland Substation



Cayuga Generating Station

Cayuga Combustion Station

Cayuga Substation

Wabash River Staunton Substation

Noblesville Substation

Wabash River Substation

Cadiz Substation

Madison Substation

Staunton Substation

### April 18, 2002

Cayuga Generating Station

Cayuga Peaker – Diesel

Cayuga Combustion Turbine

**Edwardsport Generating Station** 

**Edwardsport Substation** 

Gibson Substation

Gibson Cayuga Substation

**Dresser Machine Shop** 

Sullivan District Office

Princeton District Office

Plainfield Headquarters

Greencastle

Greencastle Industrial Park Distribution

Clinton Distribution

Clinton District Office

Terre Haute Sandcut Distribution

Terre Haute Margaret Ave. Distribution

Vincennes Distribution

Oakland City

French Lick Distribution

Mitchell Distribution

**Bloomington District Office** 

Bloomington Rogers St.

Bloomington

Martinsville Distribution

Martinsville Southeast Distribution

Wabash River

Wabash River Substation

Wabash River Peaker - Diesel

Wabash River Repowering Project

### April 17, 2002

Aurora Distribution

Connersville Peaking

Connersville District Office

Columbus Denois Creek

Columbus North



Columbus District Office

Markland Generating Station

Markland Substation

Madison Generating Station

Madison Northeast Rd. Distribution

Madison District Office

Gallagher Generating Station

Gallagher Substation

Whitestown

Noblesville District Office

Noblesville Generating Station

Noblesville Substation

New Castle

New Castle District office

Aurora District Office

Seymour District Office

Seymour Distribution

Carmel Distribution

**Brookville Distribution** 

Batesville

### September 3, 1999

**Aurora District Office** 

Aurora Distribution

New Castle

New Castle District Office

Batesville

Brookville Distribution

Carmel Distribution

Gallagher Generating Station

Gallagher Substation

Madison Generating Station

Madison District Office

Madison Northeast Road Distribution

Markland Generating Station

Connersville District Office

Connersville Peaking

Noblesville Generating Station

Noblesville Substation

Noblesville District Office

Columbus District Office

Columbus Denois Creek

Columbus North

Seymour District Office

Seymour Distribution

Whitestown



### September 2, 1999

Bloomington

Bloomington Rogers St.

**Bloomington District Office** 

Cayuga Generating Station

Cayuga Peaker – Diesel

Cayuga Combustion Turbine

Cayuga Substation

**Edwardsport Generating Station** 

Gibson Generating Station

Gibson Substation

Greencastle

Greencastle Industrial Park Distribution

**Dresser Machine Shop** 

Sullivan District Office

**Princeton District Office** 

Plainfield Headquarters

Clinton Distribution

Terre Haute Sandcut Distribution

Terre Haute Margaret Ave. Distribution

Vincennes Distribution

Oakland City

French Lick Distribution

Mitchell Distribution

Martinsville Distribution

Martinsville Southeast Distribution

Wabash River Generating Station

Wabash River Substation

Wabash River Peaker – Diesel

Wabash River Repowering Project

### **SERVICE LIFE ANALYSIS**

The service life estimates were based on judgment which considered a number of factors. The primary factors were the statistical analyses of data; current company policies and outlook as determined during the field review of the property and other conversations with management; and the survivor curve estimates from previous studies of this company and other electric utility companies.

For many accounts and subaccounts, the statistical analysis resulted in good to excellent indications of complete survivor patterns. These accounts represent 90 percent

of the depreciable plant. Generally, the information external to the statistics led to little or no significant departure from the indicated survivor curves for the accounts listed below:

Account No.	Account Description						
STEAM PRODUCT 311.00 311.20 312.00 312.10 312.20 312.30 314.00 314.20 315.00 316.00	Structures and Improvements Structures and Improvements – Edwardsport IGCC Boiler Plant Equipment Boiler Plant Equipment - Coal Cars Boiler Plant Equipment – Edwardsport IGCC Boiler Plant Equipment – SCR Catalyst Turbogenerator Units Turbogenerator Units – Edwardsport IGCC Accessory Electric Equipment Miscellaneous Power Plant Equipment						
HYDRO PLANT							
331.00 332.00 333.00 334.00 335.00	Structures and Improvements Reservoirs, Dams and Waterways Water Wheels, turbines and Generators Accessory Electric Equipment Miscellaneous Power Plant Equipment						
OTHER PRODUCTION PLANT							
341.00 342.00	Structures and Improvements Fuel Holders, Producers and Accessories						
343.00 343.10	Prime Movers Prime Movers – Rotable Parts						
344.00 345.00	Generators Accessory Electric Equipment						
346.00	Miscellaneous Power Plant Equipment						
TRANSMISSION F 352.00	PLANT Structures and Improvements						
353.00 354.00	Station Equipment Towers and Fixtures						
355.00	Poles and Fixtures						
DISTRIBUTION PL 361.00 362.00 364.00 365.00 366.00 367.00 368.00	ANT Structures and Improvements Station Equipment Poles, Towers and Fixtures Overhead Conductors and Devices Underground Conduit Underground Conductors and Devices Line Transformers						



370.00 371.00 373.00	Meters Installations on Customers' Premises Street Lighting and Signal Systems
GENERAL PLANT 390.00 392.00 396.00	Structures and Improvements Transportation Equipment Power Operated Equipment

Two of the largest mass accounts, 353.00 and 364.00, are used to illustrate the manner in which the study was conducted for the accounts in the preceding list. Aged plant accounting data have been compiled for the years through 2022. These data have been coded according to account or property group, type of transaction, year in which the transaction took place and year in which the utility plant was placed in service. The retirements, other plant transactions and plant additions were analyzed by the retirement rate method.

The survivor curve estimate for Account 353.00, Station Equipment, is the 54-R1 and is based on the statistical indication for the periods 1956 through 2022 and 2003 through 2022. The 54-R1 is a very good fit of the significant portion of the original survivor curve as set forth on page VII-110 and consistent with management outlook for a continuation of the historical experience, and within the typical service life range of 40 to 55 years for station equipment. The previous estimate for this account was a 53-R1.5 survivor curve.

The survivor curve estimate for Account 364.00, Poles, Towers and Fixtures, is the 57-R0.5 and is based on the statistical indication for the period 1956 through 2022. The 57-R0.5 is an excellent fit of the significant portion of the original survivor curve as set forth on page VII-159 and consistent with management outlook for a continuation of historical experience, and within the typical service life range of 45 to 60 years for distribution poles. The previous estimate for this account was a 55-R0.5 survivor curve.

Inasmuch as production plant consists of large generating units, the life span technique was employed in conjunction with the use of interim survivor curves which reflect interim retirements that occur prior to the ultimate retirement of the major unit. An interim survivor curve was estimated for each plant account, inasmuch as the rate of interim retirements differs from account to account. The interim survivor curves estimated for steam, hydro and other production plant related to Duke Energy Indiana stations were based on the retirement rate method.

The life span estimates for power generating stations were the result of considering experienced life spans of similar generating units, the age of surviving units, general operating characteristics of the units, major refurbishing, and discussions with management personnel concerning the probable long-term outlook for the units. Final decisions as to date of retirement will be determined by management on a unit by unit basis.

The life span estimate for the coal-fired, base-load units is 48 to 63 years, which is typical of life spans for coal units with the current regulation, however the most recent range has been 45-50 years. A 32-year life span estimate applies to the Edwardsport IGCC unit which is common for that type of unit. The life spans for the hydro facility is 94 years and tied to the license date. Life spans of 32 to 43 years were estimated for the combustion turbines. These life span estimates are typical for combustion turbines which are used primarily as peaking units. The solar facility life span is 30 years which is consistent with current ranges.

A summary of the year in service, life span and probable retirement year for each power production unit, follows:

Depreciable <u>Group</u>	Year in <u>Service</u>	Probable Retirement <u>Year</u>	Life <u>Span</u>
STEAM PRODUCTION PLANT Cayuga Unit 1 Cayuga Unit 2 Gibson Unit 1 Gibson Unit 2 Gibson Unit 3 Gibson Unit 4 Gibson Unit 5 Edwardsport IGCC	1970 1972 1976 1975 1978 1979 1982 2013	2028 2029 2038 2038 2034 2034 2030 2045	58 57 62 63 56 55 48
HYDRO PLANT Markland	1967	2061	94
OTHER PRODUCTION PLANT Noblesville Noblesville Unit 3 Noblesville Unit 4 Noblesville Unit 5 Vermillion Cayuga Unit 4 Cincap Madison Henry County (Cadiz) Wheatland Unit 1 Wheatland Unit 2 Wheatland Unit 3 Wheatland Unit 4 Cayuga Diesel Purdue CHP Crane Solar Camp Atterbury Microgrid	1950, 2003 2003 2003 2003 2000 1993 2000 2001 2005 2005 2005 2005 1972 2021 2017 2019	2035 2035 2035 2035 2043 2043 2041 2038 2043 2043 2043 2043 2043 2043 2029 2057 2047 2045	85, 32 32 32 32 43 43 41 37 38 38 38 38 57 36 30 26

Generally, the survivor curve estimates for the remaining accounts were based on judgments which considered the statistical analyses, the nature of the plant and equipment, the previous estimate for this company and a general knowledge of service lives for similar equipment in other electric companies.

PART IV. NET SALVAGE CONSIDERATIONS

### PART IV. NET SALVAGE CONSIDERATIONS

### **NET SALVAGE ANALYSIS**

The estimates of net salvage by account were based in part on historical data compiled by account through 2022. Cost of removal and gross salvage were expressed as percents of the original cost of plant retired, both on annual and three-year moving average bases. The most recent five-year average also was calculated for consideration. The net salvage estimates are expressed as a percent of the original cost of plant retired.

### **Net Salvage Considerations**

The estimates of future net salvage are expressed as percentages of surviving plant in service, i.e., all future retirements. In cases in which removal costs are expected to exceed salvage receipts, a negative net salvage percentage is estimated. The net salvage estimates were based on judgment which incorporated analyses of historical cost of removal and gross salvage data, expectations with respect to future removal requirements and markets for retired equipment and materials.

The analyses of historical cost of removal and gross salvage data are presented in the section titled "Net Salvage Statistics" for the plant accounts for which the net salvage estimates relied partially on those analyses.

Statistical analyses of historical data for the period 1989 through 2022 for electric plant were analyzed. The analyses contributed significantly toward the net salvage estimates for 22 plant accounts, representing 43 percent of the depreciable plant, as follows:

### TRANSMISSION PLANT

352.00	Structures and Improvements
353.00	Station Equipment
354.00	Towers and Fixtures
355.00	Poles and Fixtures
356.00	Overhead Conductors and Devices



DISTRIBUTION PL	_ANT
361.00	Structures and Improvements
362.00	Station Equipment
364.00	Poles, Towers and Fixtures
365.00	Overhead Conductors and Devices
366.00	Underground Conduit
367.00	<b>Underground Conductors and Devices</b>
368.00	Line Transformers
369.00	Services
369.10	Services - Underground
369.20	Services - Overhead
370.00	Meters
370.20	Meters - AMI
371.00	Installations on Customers' Premises
373.00	Street Lighting and Signal Systems
GENERAL PLANT	
390.00	Structures and Improvements
392.00	Transportation Equipment
396.00	Power Operated Equipment

The analysis for Account 365, Overhead Conductors and Devices, is used to illustrate the manner in which the study was conducted for the groups in the preceding list. Net salvage data for the period 1989 through 2022 were analyzed for this account. The data include cost of removal, gross salvage and net salvage amounts and each of these amounts is expressed as a percent of the original cost of regular retirements. Three-year moving averages for the 1989-1991 through 2020-2022 periods were computed to smooth the annual amounts.

Cost of removal fluctuated widely throughout the period but increased considerably in the last few years. The years with high cost of removal was a result of removing many different locations. Cost of removal for the thirty-four year period averaged 61 percent. Cost of removal for the most recent five years averaged 127 percent.

Gross salvage was high for the first few years of the period but has diminished since the mid-1990s with the exception of 2014. The overall period has seen positive 1 percent and the most recent five-year average of 0 percent gross salvage which reflects recent trends and the reduced market for overhead conductors.



The net salvage percent based on the overall period 1989 through 2022 is 60 percent negative net salvage and based on the most recent five-year period is 126 percent negative net salvage. The range of estimates made by other electric companies for Overhead Conductors and Devices is negative 15 to negative 70 percent. The net salvage estimate for conductor is negative 60 percent, is within the range of other estimates and reflects the overall historical indications of negative net salvage.

For steam, hydraulic and other production plants, or 55 percent of the depreciable plant, the estimates of net salvage were based on the results of decommissioning studies performed by 1898 & Co (part of Burns and McDonnell). The decommissioning study results were valued to the final retirement date by unit or location to determine the most appropriate net salvage percent for the facility.

The interim net salvage estimates were based in part on an analysis of historical interim retirement and net salvage data. Based on informed judgment that incorporated these interim net salvage analyses for each plant account, an interim net salvage estimate of negative 13 percent was used for steam plant accounts; negative 24 percent for hydraulic plant accounts; and a negative 10 percent estimate was used for all other production plant accounts, other than solar assets. The solar assets used a negative 2 percent interim net salvage.

The interim survivor curve estimates for each account and production facility were used to calculate the percentage of plant expected to be retired as interim retirements and final retirements. These are shown on Table 2 in the Net Salvage Statistics section on page VIII-2. These percentages were used to determine the weighted net salvage estimate for each account and production facility based on the interim and final net salvage estimates. These calculations, as well as the estimated final net salvage and interim net salvage percents, are shown on Table 2 of the Net Salvage Statistics section on page VIII-3. Table 3 sets forth the calculation for

Table 3 sets forth the calculation for establishing the terminal net salvage percent for each generating location which is utilized in Table 2.

The net salvage percents for the remaining accounts representing 2 percent of plant were based on judgment incorporating estimates of previous studies of this and other electric utilities.



# PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

## PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

After the survivor curve and salvage are estimated, the annual depreciation accrual rate can be calculated. In the average service life procedure, the annual accrual rate is computed by the following equation:

$$\textit{Annual Accrual Rate, Percent} = \frac{(100\% - \textit{Net Salvage, Percent}).}{\textit{Average Service Life}}$$

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which will not be allocated to expense through future depreciation accruals if current forecasts of life characteristics are used as a basis for straight line depreciation accounting.

The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account, based upon the attained age and the estimated survivor curve. The accrued depreciation ratios are calculated as follows:

$$Ratio = (1 - \frac{Average \ Remaining \ Life \ Expectancy}{Average \ Service \ Life}) \ (1 - Net \ Salvage, \ Percent).$$

The application of these procedures is described for a single unit of property and a group of property units. Salvage is omitted from the description for ease of application.

### Single Unit of Property

The calculation of straight line depreciation for a single unit of property is straightforward. For example, if a \$1,000 unit of property attains an age of four years and has a life expectancy of six years, the annual accrual over the total life is:

$$\frac{\$1,000}{(4+6)}$$
 = \$100 per year.



The accrued depreciation is:

$$$1,000 (1 - \frac{6}{10}) = $400.$$

### **Group Depreciation Procedures**

When more than a single item of property is under consideration, a group procedure for depreciation is appropriate because normally all of the items within a group do not have identical service lives but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group.

### **Average Service Life Procedure**

In the average service life procedure, the rate of annual depreciation is based on the average service life of the group, and this rate is applied to the surviving balances of the group's cost. The accrued depreciation is based on the average service life of the group and the average remaining life of each vintage within the group derived from the area under the survivor curve between the attained age of the vintage and the maximum age.

A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to average life is more than fully recouped. Over the entire life cycle, the portion of cost not recouped prior to average life is balanced by the excess cost recouped subsequent to average life. The recovery of cost is complete at the end of the life cycle, but the distribution of capital cost to annual expense does not match the consumption of service value of plant.

### REMAINING LIFE ANNUAL ACCRUAL RATES

The annual depreciation accrual rates are calculated as of December 31, 2022 and based on the straight line remaining life method using the average service life procedure. For the purpose of calculating the composite remaining life accrual rates as of December 31, 2022, the book reserve for each plant account is allocated among vintages in proportion to the calculated accrued depreciation for the account as of December 31, 2022. The detailed calculations as of December 31, 2022 are set forth in the Results of Study section of the report.

### CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

Amortization, as defined in the Uniform System of Accounts, is the gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or over the period during which it is anticipated the benefit will be realized. Normally, the distribution of the amount is in equal amounts to each year of the amortization period.

The calculation of annual and accrued amortization requires the selection of an amortization period. The amortization periods used in this report were based on judgment which incorporated a consideration of the period during which the assets will render most of their service, the amortization periods and service lives used by other utilities, and the service life estimates previously used for the asset under depreciation accounting.

Amortization accounting is appropriate for certain General Plant accounts that represent numerous units of property, but a very small portion of depreciable electric plant in service. The accounts and their amortization periods are as follows:

	<u>Account</u>	Amortization Period, Years
391.00	Office Furniture and Equipment	20
391.10	Office Furniture and Equipment - EDP	5
393.00	Stores Equipment	20
393.10	Forklifts	25



		Amortization
	<u>Account</u>	Period, Years
394.00	Tools, Shop and Garage Equipment	25
395.00	Laboratory Equipment	20
397.00	Communication Equipment	20
398.00	Miscellaneous Equipment	15

For the purpose of calculating annual amortization amounts as of June 30, 2023, the book depreciation reserve for each plant account or subaccount is assigned or allocated to vintages. The book reserve assigned to vintages with an age greater than the amortization period is equal to the vintage's original cost. The remaining book reserve is allocated among vintages with an age less than the amortization period in proportion to the calculated accrued amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period. The annual amortization amount is determined by dividing the future amortizations (original cost less allocated book reserve) by the remaining period of amortization for the vintage.

**PART VI. RESULTS OF STUDY** 

#### PART VI. RESULTS OF STUDY

#### **QUALIFICATION OF RESULTS**

The calculated annual and accrued depreciation are the principal results of the study. Continued surveillance and periodic revisions are normally required to maintain continued use of appropriate annual depreciation accrual rates. An assumption that accrual rates can remain unchanged over a long period of time implies a disregard for the inherent variability in service lives and net salvage and for the change of the composition of property in service. The annual accrual rates were calculated in accordance with the straight line remaining life method of depreciation using the average service life procedure based on estimates which reflect considerations of current historical evidence and expected future conditions.

The annual depreciation accrual rates are applicable specifically to the electric plant in service as of June 30, 2023. For most plant accounts, the application of such rates to future balances that reflect additions subsequent to June 30, 2023, is reasonable for a period of three to five years.

#### **DESCRIPTION OF SUMMARY TABULATIONS**

A summary of the results of the study, as applied to the original cost of electric plant as of June 30, 2023, are presented on pages VI-5 through VI-10 of this report. The schedules set forth the original cost, the book depreciation reserve, future accruals, the calculated annual depreciation rate and amount, and the composite remaining life related to electric plant.

#### **DESCRIPTION OF DETAILED TABULATIONS**

Supporting statistical data for the estimates of average service lives and survivor curves, gross salvage and cost of removal data and the annual depreciation calculations are presented in three sections.



The service life estimates were based on judgment that incorporated statistical analysis of retirement data, discussions with management and consideration of estimates made for other electric utility companies. The results of the statistical analysis of service life are presented in the section beginning on page VII-2, within the supporting documents of this report.

For each depreciable group analyzed by the retirement rate method, a chart depicting the original and estimated survivor curves followed by a tabular presentation of the original life table(s) plotted on the chart. The survivor curves estimated for the depreciable groups are shown as dark smooth curves on the charts. Each smooth survivor curve is denoted by a numeral followed by the curve type designation. The numeral used is the average life derived from the entire curve from 100 percent to zero percent surviving. The titles of the chart indicate the group, the symbol used to plot the points of the original life table, and the experience and placement bands of the life tables which where plotted. The experience band indicates the range of years for which retirements were used to develop the stub survivor curve. The placements indicate, for the related experience band, the range of years of installations which appear in the experience.

The analyses of net salvage data are presented in the section titled, "Net Salvage Statistics". The tabulations present annual cost of removal and gross salvage data, three-year moving averages and the most recent five-year average. Data are shown in dollars and as percentages of original costs retired.

The tables of the calculated annual depreciation applicable to depreciable assets as of June 30, 2023 are presented in account sequence starting on page IX-2 of the supporting documents. The tables indicate the estimated survivor curve and net salvage percent for the account and set forth, for each installation year, the original cost, the

calculated accrued depreciation, the allocated book reserve, future accruals, the remaining life, and the calculated annual accrual amount.



TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCUI

		S11.00 SI	¥	311.20 ST	312.00 BK	¥	312.10 BC	312.20 BC	312.30 BC	¥
ACCOUNT	(1)	STEAM PRODUCTION PLANT STRUCTURES AND IMPROVEMENTS WARASHRIVER COMMON 2-6 CAYUGA LIMIT 1 CAYUGA LIMIT 2 CAYUGA LIMIT 2 CAYUGA NULAND CONTAINER GIBSON UNIT 3 GIBSON UNIT 3 GIBSON UNIT 3 GIBSON LIMIT 3 GIBSON LIMIT 3 GIBSON LIMIT 4 GIBSON LIMIT 4 GIBSON COMMON 1-2 GIBSON COMMON 1-3 GIBSON COMMON 1-3 GIBSON COMMON 1-3 GIBSON COMMON 1-3 GIBSON COMMON 1-4	TOTAL STRUCTURES AND IMPROVEMENTS	STRUCTURES AND IMPROVEMENTS - EDWARDSPORT IGCC EDWARDSPORT IGCC	BOILER PLANT EQUIPMENT CAYLIGA UMT 1 CAYLIGA UMT 1 CAYLIGA UMT 2 CAYLIGA UMT 2 CAYLIGA UMT 2 GISSON UMT 3 GISSON UMT 3 GISSON UMT 4 GISSON UMT 5 GISSON UMT 4 GISSON UMT 5 GISSON UMT 4 GISSON UMT 6 GISSON UMT 7 GISSON UMT 6 GISSON UMT 7 GISSON CAMMON 1:2 GISSON COMMON 1:2 GISSON COMMON 1:3 GISSON COMMON 1:4 GISSON COMMON 1:5 GISSON COMMON 3:5	TOTAL BOILER PLANT EQUIPMENT	BOILER PLANT EQUIPMENT - COAL CARS GIBSON COMMON 1-5	BOILER PLANT EQUIPMENT - EDWARDSPORT IGCC EDWARDSPORT IGCC	BOLLER PLANT EQUIPMENT - SCR CATALYST GBSON UNIT 1 GBSON UNIT 2 GBSON UNIT 3 GBSON UNIT 4 GBSON UNIT 4	TOTAL BOILER PLANT EQUIPMENT - SCR CATALYST
PROBABLE RETIREMENT DATE	(2)	12.2016 05.5028 05.5028 05.5028 05.5034 05.2034 05.2034 05.2034 05.2034 05.2034 05.2034 05.2034 05.2034 05.2034 05.2034 05.2034 05.2034		05-2045	05-2028 05-2028 05-2028 05-2028 05-2024 05-2024 05-2024 05-2024 05-2024 05-2024 05-2024 05-2024 05-2028 05-2028 05-2028 05-2028 05-2028 05-2028 05-2028 05-2028 05-2028 05-2028		05-2038	05-2045	05-2038 05-2038 05-2034 05-2034 05-2034	
SURVIVOR	(3)	100-R2 5 100		70-R1.5	45.505 45		35-53	24-S1	15-81 15-81 15-81 15-81	
NET SALVAGE PERCENT	(4)	- 22228888888888888888		(11)	££££8888888888888888888888888888888888		* 25	* (11)	(3) (3) (3) (3) (3) (3) (3) (3) (3)	
ORIGINAL COST AS OF JUNE 30, 2023	(5)	72.94 3.660.506.60 1.306.400.78 1.306.400.78 1.306.400.78 2.1562.706.85 2.001.1504.03 2.1562.704.03 2.1562.803.73	643,652,111.03	160,837,703.73	504, 617,019,61 488,072,527,36 18,314,882,22 2,477,000,24 3,46,664,75,31 3,48,180,621,62 3,44,645,832,29 175,942,834,89 175,942,834,89 175,942,834,89 176,473,302,26 176,473,302,26 176,473,302,26 176,473,302,26 176,473,003,49 177,302,49 176,302,49 177,402,49 177,402,49 177,402,49 177,402,49 177,402,49 177,402,49 177,402,49 177,402,49 177,402,49 177,402,49 177,40	3,813,926,090.22	2,914,384.60	1,846,072,348.34	3,241,111,63 6,189,864.16 5,652,917,01 2,389,345,52 2,528,243.36	20,001,481.68
BOOK DEPRECIATION RESERVE	(9)	73 1546,530 60,510,612 60,510,612 60,610,612 66,978 11,682,473 11,682,473 11,985,027 19,985,027 19,985,027 19,985,027 19,985,027 19,985,027 18,000,000 64,666,446 81,377 586,746 81,377 586,746 81,377 586,746 81,377 586,746	271,460,494	43,287,877	333.099,414 290.861,710 94,642,107 1,980.052 171,062,797 171,1647,797 171,1647,797 171,776,4459 95,900.028 1,750,478 175,069 1,504,478 177,0409 1,504,478 177,0409 1,504,478 177,0409 1,504,478 177,0409 1,504,478 171,0409 1,504,478 171,0409 1,504,478 171,0409 1,504,478 171,0409 1,504,478 171,0409 1,504,478 171,0409 1,504,478 171,0409 1,504,478 171,0409 1,504,478 171,0409 1,504,478 1,50	2,179,829,473	2,107,352	667,850,026	2,124,559 4,821,933 4,587,536 1,441,788 1,766,584	14,741,400
FUTURE	(2)	2 810.673 1014.005 95.677.823 14.88.638 14.88.785 17.788.785 17.788.785 17.784.007 15.744.007 15.744.006 15.009.266.150 17.84.006 15.009.266.150 17.74.608 17.74.608 17.74.608 17.77.1009 17.77.1009 17.77.1009 17.77.1009 17.77.1009 17.77.1009 17.77.1009 17.77.1009 17.77.1009	514,764,113	135,241,974	267.384.839 264.244.508 130.642.580 264.137.668 224.137.668 224.240.045.541 100.684.964 100.684.964 193.87.507 97.882.307 119.57.311 73.385.741 73.385.741 73.385.741 73.385.741 73.385.741 73.385.741 73.386.741 73.386.741	2,465,121,960	78,437	1,381,290,280	1,862,008 2,791,600 2,365,552 1,497,107 1,344,155	9,860,422
CALCULATED ANNUAL ACCRUAL AMOUNT RA	(8)	0 572,442 17,872 16,241,011 73,996 1,025,806 1,635,130 2,300,877 2	48,325,170	6,447,978	55 650 019 44 213161 24 441 979 11716 12 441 979 11715 11 863 373 17 890 887 21 685 645 23 27 653 23 15 21 685 445 23 27 653 27 17 722 979 7 393 405 4 947 366 4 101 377 4 664 272 6 51 302 7 301 485 7 308 4 57 308 4 57 308 4 57 308	281,698,553	7,105	96,208,301	373,781 946,002 906,342 239,537 333,639	2,799,301
ATED SCRUAL RATE	(3)/(8)=(6)	. d. 1. d. 1	7.51	4.01	11.02 11.85 11.85 11.85 12.30 12.30 12.30 12.30 13.31	7.39	0.24	5.21	11.53 15.28 16.03 10.03	14.00
COMPOSITE REMAINING LIFE	(10)	, 4 ๙ ๙ ๙ ๘ ๘ ๘ ๘ ๘ ๘ ๘ ๘ ๘ ๘ ๘ ๘ ๘ ๘ ๘ ๘	10.7	21.0	4 4 4 4 4 5 5 5 5 5 5 6 5 6 5 5 5 5 5 5	80	11.0	14.4	6,8,8,6,9,6,9,6,9,6,9,9,9,9,9,9,9,9,9,9,	3.5

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 30, 2023

		314.00 TURBOGENERATOR UNITS CAYLOR, UNIT 1 CAYLOR, LUMT 2 CAYLOR, COMMON 1-2 GESON UNIT 3 GESON UNIT 3 GESON UNIT 4 GESON UNIT 5 GESON UNIT 5 GESON COMMON 1-2	TOTAL TURBOGE	314.20 TURBOGENERAT EDWARDSPOR	314.30 PRIME MOVERS - EDWARDSPOR	315.00 ACCESSORY ELECTRIC EQUIPMIC CAVIDAD UNIT 1 CAVIDAD UNIT 1 CAVIDAD UNIT 2 CAVIDAD UNIT 2 CAVIDAD UNIT 2 CAVIDAD UNIT 2 CAVIDAD UNIT 3 CIBSON UNIT 3 CIBSON UNIT 3 CIBSON UNIT 4 CIBSON COMMON 12 CIBSON COMMON 12 CIBSON COMMON 14 CIBSON COMMON 34 CIBSON CIBSON COMMON 34 CIBSON CI	TOTAL ACCESSO	315.20 ACCESSORY ELE EDWARDSPOR	316.00 MISCELLANEOUS POWER PLAN MOBLESVILLE CAVUGA UNIT 1 CAVUGA UNIT 2 CAVUGA UNIT 2 CAVUGA MIAND CONTAINER GIBSON UNIT 3 GIBSON UNIT 3 GIBSON UNIT 4 GIBSON UNIT 4 GIBSON COMMON 1-3 GIBSON COMMON 1-3 GIBSON COMMON 1-3 GIBSON COMMON 1-3 GIBSON COMMON 1-4	TOTAL MISCELLA
ACCOUNT	(1)	OR UNITS  2  4  4  4  4  4  4  4  6  6  7  7  7  7  7  7  7  7  7  7  7	TOTAL TURBOGENERATOR UNITS	TURBOGENERATOR UNITS - EDWARDSPORT IGCC EDWARDSPORT IGCC	PRIME MOVERS - EDW ARDSPORT IGCC EDW ARDSPORT IGCC	ACCESSORY ELECTRIC EQUIPMENT CAYUGA UNIT 1 CAYUGA UNIT 2 CAYUGA WINT 2 CAYUGA CONTAINER GIBSON UNIT 3 GIBSON UNIT 4 GIBSON UNIT 4 GIBSON UNIT 3 GIBSON UNIT 4 GIBSON UNIT 4 GIBSON UNIT 4 GIBSON UNIT 3 GIBSON UNIT 4 GIBSON UNIT 4 GIBSON UNIT 4 GIBSON UNIT 3 GIBSON UNIT 3 GIBSON UNIT 3 GIBSON UNIT 4 GIBSON UNIT 3 GIBSON UNIT 3 GIBSON COMMON 1-3 GIBSON COMMON 1-4 GIBSON COMMON 1-4 GIBSON COMMON 3-4	TOTAL ACCESSORY ELECTRIC EQUIPMENT	ACCESSORY ELECTRIC EQUIPMENT - EDWARDSPORT IGCC EDWARDSPORT IGCC	MISCELLANEOUS POWER PLANT EQUIPMENT NOBLESVILLE GAVIGA UNIT 1 GAVIGA UNIT 2 GAVIGA UNIT 2 GAVIGA COMMON 1-2 GAVIGA COMMON 1-2 GASON UNIT 2 GIBSON UNIT 3 GIBSON UNIT 3 GIBSON UNIT 4 GIBSON UNIT 4 GIBSON UNIT 4 GIBSON UNIT 5 GIBSON COMMON 1-3 GIBSON COMMON 1-3 GIBSON COMMON 1-4 GIBSON COMON 1-4 GIBSON COMMON 1-4 GIBSON COMMON 1-4 GIBSON COMMON 1-4 GIBS	TOTAL MISCELLANEOUS POWER PLANT EQUIPMENT
PROBABLE RETIREMENT DATE	(2)	05-2028 05-2028 05-2028 05-2028 05-2038 05-2038 05-2038 05-2038 05-2038		05-2045	05-2045	05-2028 05-2029 05-2029 05-2029 05-2029 05-2034 05-2034 05-2034 05-2034 05-2034 05-2034 05-2034 05-2034 05-2034 05-2039 05-2039		05-2045	05-2038 06-2028 06-2028 06-2028 06-2028 06-2028 06-2038 06-2034 06-2034 06-2038 06-2038 06-2038 06-2038 06-2038	
SURVIVOR	(3)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		14-S0.5	30-S1.5	70-84 % % % % % % % % % % % % % % % % % % %		35-R2	### ##################################	
NET SALVAGE PERCENT	(4)	eee8888888888888		(11)	(11)	e e e e a a a a a a a a a a a a a a a a		(11)	5999888888888888888888	
ORIGINAL COST AS OF JUNE 30, 2023	(5)	48 635,200 86 49,013,600 6.21 60,010,38 59,883,196.63 59,885,196.74 67,777,739 6,579,230.06 6,579,230.06 2,748,696.29	411,981,542.43	589,452,381.16	90,429,353.73	10.460,175,14 864,940.54 864,940.64 3993,948.68 232,660.36 1672,660.7 16,283,71,17 12,666,71,077 17,719,769.39 2,138,719,25 2,138,77,93 11,538,646.85 2,138,77,93 11,538,646.85 308,146.33 308,146.33 31,77,93 31,77,93 31,77,93 31,77,93 31,77,93 31,77,93 31,77,93 31,77,93	135,248,027.37	44,354,358.64	29,251,32 8,652,011,94 7,042,083.89 19,695,165,55 144,121,16 7,098,116,25 7,511,336,42 7,511,336,42 7,511,336,42 7,511,336,42 3,950,100.68 1,156,459 1,156,4	116,175,700.34
BOOK DEPRECIATION RESERVE	(9)	27,781,988 28,059,734 12,347,303 28,3181,811 28,3181,813 35,386,339 35,249,959 1,746,959 1,746,959 1,586,703 1,586,703 1,686,703 1,686,703	224,831,826	200,767,833	30,820,297	5,731,001 4,386,138 1,907,471 18,08,73 11,550,846,241 11,557,745 11,157,745 10,744,428 10,744,428 10,744,428 10,744,428 10,744,428 10,744,428 10,744,428 10,744,428 10,744,428 10,744,428 10,742,19 10,744,428 10,742,19 10,743,19 10,743,19 10,743,19 10,743,12 10,743,19	76,707,152	11,858,035	1,875 5,877,619 4,917,037 9,842,525 104,406 104,406 104,405 104,235 4,996,413 3,136,735 1,125,735 1,125,735 1,125,735 1,125,735 1,125,735 1,125,735 1,125,735 1,125,735 1,125,735 1,125,735 1,125,735 1,125,735 1,125,735 1,135,73	62,824,554
FUTURE	(7)	30,083,397 30,286,460 30,286,46,461,155 45,461,162 38,678,544 45,224,306 1,667,759 6,566,719 38,114	277,255,193	453,524,310	69,556,286	6,716,607 5,906,941 2,945,328 12,068,143 15,078,330 8,710,204 7,770,309 8,770,309 8,770,309 8,770,445 8,770,445 8,770,445 13,209 13,500 13,500 13,500 13,500 13,500 13,500 13,500 13,500 13,500 13,500 13,500 13,500 13,500 13,500 14,700 15,300	88,713,041	37,375,303	22,349 4,666,501 3,463,043 13,722,897 67,089 6,000,272 5,000 7,133,904 4,445,206 4,445,206 2,201,832 990,232 990,232 13,507 14,311 14,3	78,640,459
CALCULATED ANNUAL ACCRUAL AMOUNT RA	(8)	6.222,161 5.230,453 1.715,628 3.245,534 3.067,984 3.716,198 4.308,735 1.66,386 1.66,388 1.66,388	31,773,427	62,111,935	3,527,195	1,386,183 1,018,171 1,018,171 1,018,171 16,829 140,174 1,281,162 1,281,164 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160 1,481,160	9,313,790	1,951,646	2,803 986,542 600,775 2,371,212 11,710 11,710 11,710 11,710 11,710 11,710 11,710 12,813 13,813 1,813 1,13,82 1,788,62 1,	8,496,800
ATED SCRUAL RATE	(6)=(8)/(2)	12.81 10.67 10.67 9.23 5.39 6.38 6.17 6.58 9.00 9.00 9.00 9.00 9.00 9.00 9.00 9.0	7.71	10.54	3.90	13.24 11.72 12.20 7.22 5.02 6.02 6.03 6.83 6.83 6.83 7.74 6.83 6.83 7.74 7.81 7.81 4.46 6.44 6.44	6.89	4.40	9 9 58 10 9 4 10 9 4 12 5 7 13 5 7 14 5 15 5 16 5 17 7 18 6 18 6 18 7 18 7 18 7 18 7 18 7 18 7 18 7 18 7	7.31
COMPOSITE REMAINING LIFE	(10)	4 00 0 4 4 00 0 0 1 4 4 1 0 0 0 0 0 0 0	8.7	7.3	19.7	4 cc cc 4 4 4 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7	9.5	19.2	14 4 4 4 4 4 5 5 5 5 6 4 5 5 5 5 5 5 5 5	9.3

DURE ENEKGY INDRINA S.1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE A

COMPOSITE REMAINING LIFE	(10)	19.4	10.0		6.98 6.98	33.8	33.7	30.4	33.9		001 1.15 1.15 1.16 1.16 1.16 1.16 1.16 1.1	16.7	22.6	22.6	111 8 8 11 12 8 14 14 18 18 18 18 18 18 18 18 18 18 18 18 18
.		4.76	7.01		0.57	3.11	3.26	2.16	2.77		3.88 3.88 3.88 3.88 3.88 3.89 3.89 2.28 2.29 2.29 3.37 3.37	3.56	3.06	3.06	6.52 2.74 6.36 6.36 7.37 1.34 1.34 4.03 2.23 2.23
CALCULATED ANNUAL ACCRUAL AMOUNT	(8)	896,981	553,558,182		91,079	3,919,329	276,387	38,698	4,349,780		728,825 122,703 122,516 122,516 153,46 163,46 133,52 133 134 134 12,06 146,546 466,526	2,471,380	12,287	12,287	2006 1218 20450 80450 1630073 44483 4683 2,463 2,463 2,463 2,463 2,463 2,463 2,463
FUTURE ACCRUALS	9	17,431,647	5,528,853,425		3,364,969	132,612,590	9,323,985	1,176,051	147,388,392		7,889,911 1,412,392 1,421,813 1,421,811 2,473,986 1,986,143 5,272,351 3,226,655 15,672 16,572 16,572 16,572 16,572 16,572 16,572 16,573 16,573 16,573 16,573	41,319,021	278,182	278,182	512,553 14,405 243,463 1,801,685 1,801,685 587,1682 590,590 2,949,539 469,847 0 47,643 47,643
BOOK DEPRECIATION RESERVE	(9)	3,496,131	3,790,582,450		14,716,538	9,773,972	259,472	851,634	29,944,700		11,300,537 2,288,952 2,288,839 2,302,038 2,302,038 4,780,063 4,166,907 4,166,907 15,166 14,108 14,10	35,077,910	155,841	155,841	259 615 37 74 1 116.393 116.393 1177 700 2.480 677 700 2.480 677 700 2.480 677 680 693 378,727 681 61.948 61.948 66.957
ORIGINAL COST AS OF JUNE 30, 2023	(5)	18,853,853.82	7,893,899,337.09		16,001,333.57	126,005,806.94	8,480,935.52	1,794,412.19	156,931,939.94		16,410,639,49 3,163,542,29 3,163,724,89 3,182,77,19 4,66,093,77 5,776,491,92 10,493,055,52 10,493,055,52 10,493,055,52 2,800,000 2,81,290,000 2,81,290,000 1,183,89,85 14,589,481,32	69,366,700.12	401,873.13	401,873.13	669 972 24 44.569 04 306.714.37 122.542.39 6.749.463.46 21.309.566.70 2.898.641.78 9.265.393.56 756.744.78 110.000.00 110.000.00
NET SALVAGE PERCENT	(4)	(11)			<u>(5)</u>	(13)	(13)	(13)			66666666666666666666666666666666666666		(8)		©©©©©©©©£££££
SURVIVOR CURVE	(3)	35-R1.5			* 80-R3	50-R2	50-R2	40-R2 *			50-R3 50-R3 50-R3 50-R3 50-R3 50-R3 50-R3 50-R3 50-R3 50-R3 50-R3 50-R3 50-R3		45-R2.5 *		55.R4 55.R4 55.R4 55.R4 55.R4 55.R4 55.R4 55.R4 55.R4 55.R4 55.R4 55.R4
BLE MENT E	(3)	05-2045			04-2061	04-2061	04-2061	04-2061			05-20:35 05-20:35 05-20:35 05-20:35 05-20:36 05-20:36 05-20:36 05-20:36 05-20:36 05-20:43 05-20:43 05-20:43 05-20:43 03-20:43		05-2047		05-2036 06-2036 06-2036 06-2036 06-2036 06-2036 06-2036 06-2036 06-2036 06-2036 06-2043 06-2043 06-2043
ACCOUNT	(E)	316.20 MISCELLANEOUS POWER PLANT EQUPMENT - EDWARDSPORT IGCC EDWARDSPORT IGCC	TOTAL STEAM PRODUCTION PLANT	HYDRAULIC PRODUCTION PLANT 331.00 STRUCTURES AND IMPROVEMENTS	MANALAND 332.00 RESERVORS, DAMS AND WATERWAYS MARKLAND	333.00 WATER WHEELS, TURBINES AND GENERATORS MARKLAND	334.00 ACCESSORY ELECTRIC EQUIPMENT MARKLAND	335.00 MISCELLANEOUS POWER PLANT EQUIPMENT MARKLAND	TOTAL HYDRAULIC PRODUCTION PLANT	OTHER PRODUCTION PLANT	341.00 STRUCTURES AND IMPROVEMENTS  NOBLESVILLE GT UNIT 4  NOBLESVILLE GT UNIT 5  NOBLESVILLE GT UNIT 7  NOBLESVIL	TOTAL STRUCTURES AND IMPROVEMENTS	341.66 STRUCTURES AND IMPROVEMENTS - SOLAR CRANE SOLAR	TOTAL STRUCTURES AND IMPROVEMENTS	342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES NOBLESYLLE CT UNIT 3 NOBLESYLLE CT UNIT 4 NOBLESYLLE CT UNIT 4 NOBLESYLLE CT UNIT 4 NOBLESYLLE CT UNIT 4 NOBLESYLLE CT UNIT 5 NOBLESYLLE CT UNIT 5 NOBLESYLLE COMMON 35 AT ACT UNIT 7 CAYLOA CT UNIT 7 CAYLOA CT UNIT 7 HENT AND CT UNIT 1 WHEAT LAND CT UNIT 1 WHEAT LAND CT UNIT 3 WHEAT LAND CT UNIT 3

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRICPLANT AS OF JUNE 30, 2023

19.5 33.3 19.8 19.7 11.3 10.7 10.7 10.7 11.2 16.1 COMPOSITE REMAINING LIFE (10) 2.23 3.50 1.29 7.04 0.05 6.90 1.77 7.22 7.22 2.57 3.74 3.74 3.74 3.28 3.95 3.95 4.24 4.25 CALCULATED ANNUAL ACCRUAL 784,293 309,108 204,891 182,313 1174,249 175,402 1179,402 121,030 21,030 21,030 89,753 19,753 10,948 24,525 350,919 930,605 2,571,977 2,180,594 2,178,106 578,476 1,409,870 28,460 7,307,267 1,022,761 651,812 654,297 60,711 351,386 639,539 1124,233 1110,821 16,334 600,886 192,608 32,921 234,283 31,086 38,018 30,416 18,625 173,290 1,977 24,649,434 AMOUNT 28,253,490 21,583,944 23,772,109 23,720,271 10,475,112 116,408,233 30,527,264 17,768,773 117,768 117,768 117,768 117,768 117,7 3,338,165 6,440,154 4,605,000 1,341,850 1,329,856 15,566 7,222,646 1,768,137 302,213 1,522,812 414,559 319,555 9,095,503 3,664,687 2,42,303 2,165,391 1,933,365 20,431,401 1233,365 20,431,405 1,639,784 1,639,784 1,639,784 2,042,862 4,817,64 4,817,64 1,131,313,630 27,233,920 4,546,264 2,655,176 332,527 412,117 324,797 345,061 1,941,384 31,768 29,535 15,489,207 337,332,679 28,072,406 31,780,184 FUTURE ACCRUALS 20,624,148 22,993,304 21,546,602 2,225,928 17,513,713 17,513,713 20,963,504 99,785,679 20,963,504 6,234,6142 7,078,855 7,078,855 7,078,855 7,078,855 88,382 1,457,530 11,576,680 11,576,680 12,124,801 8,888,181 321,873 33,543,149 10,309,045 2,004,731 9,780 1,672,126 500,507 28,598,205 1,964,170 1,930,111 1,191,911 1,90,034 86,059,744 86,059,744 86,059,744 1,942,861 20,567,838 1,942,861 2,335,937 2,663,473 2,663,473 2,663,473 2,663,473 1,688,361 1,888,361 1,888,361 7,864,189 3,503,255 628,303 666,308 626,903 265,513 3,652,121 20,824 19,362 32,284,608 255,574,224 07,231,427 216,457,727 8,767,068 BOOK DEPRECIATION RESERVE (6) 41,775,78,96 39,803,771,61 37,186,696,82 11,882,113,55 45,243,143 45,243,143 46,473,07,81 205,898,963,49 46,479,623,41 24,479,623,41 12,479,623,41 13,916,114,17 13,916,114,17 16,871,646,00 1,339,006,14 16,000,027,84 1,245,751.84 15,741,851.32 15,399,003.84 14,298,374.98 9,622,671.20 1,573,075.50 32,132,531.20 8,705,070.56 32.216.844.24 4810.988.99 3.720.685.2 2.869.494.36 117,106.325.13 70.254.583.84 5.25.291.11.49 1.950.116.19 5.886.135.51 4.059.676.06 4.059.676.06 4.059.76 4.059.776 5,263,616,30 821,222,32 921,730,89 813,419,02 576,012,57 50,087,23 46,568,87 825,592.07 832,096.32 32,498,248.87 5,395,191.11 22,938,173.98 299,500,311.92 44,321,221.34 544,046,539.94 37,893,439.98 ORIGINAL COST AS OF JUNE 30, 2023 (5) NET SALVAGE PERCENT 99 666686663333 ® € 99999 40-80.5 40-80. 40-S0.5 40-S0.5 40-S0.5 40-S0.5 40-S0.5 40-S0.5 40-S0.5 PROBABLE RETIREMENT DATE 05-2035
05-2035
05-2035
05-2036
05-2043
05-2041
05-2041
05-2043
05-2043
05-2043
05-2043
05-2043 05-2035 05-2035 05-2035 05-2043 05-2041 05-2041 05-2043 05-2043 05-2043 05-2043 05-2035
05-2035
05-2035
05-2036
05-2043
05-2043
05-2043
05-2043
05-2043
05-2043
05-2043
05-2043 05-2047 05-2035 05-2035 05-2035 05-2043 05-2041 05-2041 FOTAL FUEL HOLDERS, PRODUCERS AND ACCESSORIES PRIME MOVERS - ROTABLE PARTS

NOBLESVILLE

NOBLESVILLE

NOBLESVILLE CTUMT 3

NOBLESVILLE CTUMT 4

NOBLESVILLE CTUMT 5

VERMILLON CT STATION

CINCAP MADISON CT UNIT 5

CINCAP MADISON CT 1-4

HENRY COUNTY COMMON CT 1-3 (CADIZ CINCAP)

WHEATLAND CT UNIT 3

WHEATLAND CT UNIT 3

WHEATLAND CT UNIT 3

PRIRDIP CALL AND CT UNIT 4

PRIRDIP CALL AND CT UNIT 4

PRIRDIP CALL AND CT UNIT 4 WOBLESVILLE CT UNIT 3
WOBLESVILLE CT UNIT 4
WOBLESVILLE CT UNIT 4
WOBLESVILLE CT UNIT 4
CNUCAP MADISON CT UNIT 4
CNUCAP MADISON CT 1-8
FUNF COUNT COMMON CT 1-8
WHEATLAND CT UNIT 3
WHEATLAND CT UNIT 4
PURDLE CHP GENERATORS
NOBLESVILLE
NOBLESVILLE
NOBLESVILLE
NOBLESVILLE
OF UNIT 4
NOBLESVILLE OF UNIT 4
NOBLESVILLE OF UNIT 4
NOBLESVILLE OF UNIT 4
NOBLESVILLE OF UNIT 4
NOBLESVILLE OF UNIT 4
CNUCA MADISON OF T1-8
CNUCA DE DE SIL
WHENTAND OF UNIT 1
WHENTAND OF UNIT 1
WHENTAND OF UNIT 2
WHENTAND OF UNIT 4
WHENTAND OF UNIT 4
WHENTAND OF UNIT 4
WHENTAND OF UNIT 4 ACCOUNT (1) ACCESSORY ELECTRIC EQUIPMENT NOBLESVILLE GENERATORS - SOLAR CRANE SOLAR CAMP ATTERBURY MICROGRID WHEATLAND COMMON CT 1-4 PURDUE CHP MOBLESVILLE CT UNIT 3
NOBLESVILLE CT UNIT 3
NOBLESVILLE CT UNIT 4
NOBLESVILLE CT UNIT 5
NERMILLON CT STATON
CAYUGA CT UNIT 4
CINCAP MADISON CT UNIT 2
CINCAP MADISON CT UNIT 2 **FOTAL GENERATORS - SOLAR** *FOTAL PRIME MOVERS* OTAL PRIME MOVERS **FOTAL GENERATORS** 344.00 344.66 343.00 343.10 345.00

DUKE ENERGY INDANA
TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED
ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRICPLANTAS OF JUNE 30, 2023

16.1 14.9 13.1 16.8 16.8 16.8 17.0 17.0 17.0 18.0 20.6 47.4 59.5 43.1 45.0 33.1 51.9 34.1 28.5 63.5 43.3 36.0 13.0 13.0 13.0 51.7 551.7 550.1 57.1 57.1 57.1 57.1 COMPOSITE REMAINING LIFE (10) CALCULATED
ANNUAL ACCRUAL
INT RATE
(9)=(8)/(5) 0.97 1.53 2.13 2.13 1.60 2.77 2.77 3.47 1.23 2.07 2.07 2.97 4.04 4.04 4.04 2.42 2.06 2.42 2.03 1.15 0.62 0.34 4.64 413,543 133,649 125,576 128,319 63,291 17,875 22,897 23,897 23,926 24,193 24,030 1156,564 392,226 1,263,332 19,392,313 1,431,588 21,621,991 15,735,030 3,491 78,223 63,025 1,111,492 2,25,108 2,25,108 19,895,230 38,570,018 1,699,421 1,694,601 15,949,601 15,949,601 2,531,957 2,531,957 2,531,957 2,531,957 1,905 1,909 179,123 49,317 18,289 19,837 17,043 8,589 85,712 1,355,559 1,379,860 43,468,189 601,376,151 AMOUNT 4,002,276 48,106,940 724,646,373 2,926,373 2,926,309,713 1,393,743,659 87,844,779 891,276,369 596,280,511 1,442,252 126,826,466 14,068,150 5,533,810 4,428,410 1,349,300 1,349,300 1,348,757 702,630 2,132,772 1,374,000 397,985 398,545 403,015 403,015 403,015 2,689,300 326,889 18,577,206 75,117,025 834,971,868 64,461,217 715,831,760 816,271,622 118,932 2,229,308 30,610 30,683 6,273,147 2,352,441 286,516 305,967 333,657 283,867 146,431 1,545,348 9,086,432 17,422,380 16,049,679 625,114,664 6,301,356,481 26,747,446 5,010,863 2,527,578,938 FUTURE ACCRUALS (7) 21,849,876 11,773,775 210,899,698 60,498,018 (26,157,859) 150,899,858 16,944 140,143 20,066 20,114 20,114 0,020,468 638,011 283,884 296,885 273,094 115,136 347,080 655,875 2,618,464 1,100,194 1,083,033 1,082,203 1,082,203 536,198 536,198 221 209,510 209,510 209,510 209,510 1,142,082 1,142,082 1,142,082 4,453,002 692,836,149 1,118,073 10,972,936 191,488,534 338,805 250,931,513 132,200,046 8,290,043 234,900,628 227,584,406 219,978 158,711,645 43,221,046 62,381,329 22,766,660 9,411,807 430,012,453 BOOK DEPRECIATION RESERVE (6) 48,262.40 48,377.98 13,378,338.50 4,974,916.55 872,195.33 556,463.01 525,418.25 246,761.36 2,019,408.08 6,022,969,04 2,073,761,14 2,078,917,12 2,105,948,72 2,541,816,54 1,618,558,00 311,15 573,108,28 573,108,28 573,682,51 579,994,19 579,994,19 575,640,35 3,608,879,07 40,427,081,38 82,753,143,15 909,453,535,04 89,256,596,75 530,518,385,25 568,924,400,11 227,875,85 2,256,620,75 5,120,348.87 5,708,978.54 796,636,478.54 3,265,110.58 6,356,258.49 953,74,428.90 76,947,857.50 76,947,857.50 76,947,857.50 76,947,857.50 1,566,331.90 1,566,331.90 4,053,22.90 66,583,469.76 24,023,827.49 20,502,680.93 1,214,175,828.25 15,934,079.57 5,246,979.85 ,223,817,638.28 ORIGINAL COST AS OF JUNE 30, 2023 (5) NET SALVAGE PERCENT 00000000000 633333333333 30-S2.5 75.R4 55.R2 45.S0 15.L3 57.R0.5 60.R2 60.R2 44.R0.5 60.R1 60.R1 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-50.5 40-80. 80-R4 0-R2:5 54-R1 80-R3 45-R1 65-R2 40-R2 35-R3 PROBABLE RETIREMENT DATE 05-2041 05-2041 05-2041 05-2038 05-2043 05-2043 05-2043 05-2043 05-2043 05-2035 05-2035 05-2035 05-2036 05-2036 05-2041 05-2043 05-2043 05-2043 05-2043 05-2047 CINCAP MADISON CT UNIT 7
CINCAP MADISON CT UNIT 7
CINCAP MADISON CT 1-8
CINCAP MADISON CT 1-8
CINCAP MADISON CT 1-8
CINCAP MADISON CT 1-8
CINCAP COUNT 1
WHEALAND CT UNIT 1
WHEALAND CT UNIT 3
WHEALAND COMMON CT 1-4
WHEALAND COUNT 1-4 NOBLESVILLE CT UNIT 3
NOBLESVILLE CT UNIT 4
NOBLESVILLE CT UNIT 4
CAVIDA CT UNIT 4
CENCE MADISON CT 1-8
CENCE MADISON CT 1-8
CENCE MADISON CT 1-8
WHENTAN OF UNIT 2
WHENTAN OF UNIT 2
WHENTAN OF UNIT 2
WHENTAN OF UNIT 3
WHENTAN OF UNIT 3 RIGHTS OF WAY
STATION EQUIPMENT
BATTERY STORAGE
POLES, TOWERS AND FIXTURES
OVERHEAD CONDUCTORS AND DEVICES
UNDERGROUND CONDUT
UNDERGROUND CONDUT
UNDERGROUND CONDUT
SERVICES
SERVICES
SERVICES - UNDERGROUND
METERS
METERS OVERHEAD CONDUCTORS AND DEVICES UNDERGROUND CONDUIT UNDERGROUND CONDUCTORS AND DEVICES MISCELLANEOUS POWER PLANT EQUIPMENT NOBLESVILLE ACCOUNT (1) ACCESSORY ELECTRIC EQUIPMENT - SOLAR CRANE SOLAR TOTAL MISCELLANEOUS PLANT EQUIPMENT OTAL ACCESSORY ELECTRIC EQUIPMENT RIGHTS OF WAY STRUCTURES AND IMPROVEMENTS STATION EQUIPMENT TOWERS AND FIXTURES POLES AND FIXTURES TOTAL OTHER PRODUCTION PLANT TOTAL TRANSMISSION PLANT BATTERY STORAGE TRANSMISSION PLANT DISTRIBUTION PLANT TOTAL PRODUCTION 350.10 352.00 353.00 354.00 355.00 356.00 357.00 358.00 360.10 361.00 362.00 362.00 364.00 365.00 365.00 367.00 369.00 369.10 345.66 346.00 348.01

DUKE ENERGY INDIANA

TABLE 1. SUMMARY OF ESTINATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 30, 2023

COMPOSITE REMAINING LIFE	 	0 11.5 3 9.0 5 14.1 1 24.6	4 38.1			55 14.7				6 15.2	35.3	17.4																				
CALCULATED INUAL ACCRUAL RATE	(9)=(8)/(2)	6.20 10.93 5.35 3.61	2.84		22.2	3.55	9.99	6.7. 7.8. 7.8.	6.63	5.06	3.02	4.92																				
CALCULATED ANNUAL ACCRUAL AMOUNT RATE	(8)	9,130,524 406,205 2,050,126 2,340,175	132,474,796		7,409,702 630,778	604,588 604,588 41,037	44,640 2,732,954	9,284 1,330 253,557	14,104,024 813,878	38,969,644	231,362,634	832,738,785																				
FUTURE	(2)	104,767,245 3,670,553 28,874,425 57,550,153	5,045,895,980		283,915,134 9,781,973	882,335 8,882,335 542,800	960,786 37,756,758	130,409 9,309 5,393,945	194,837,809 10,084,292	593,984,029	8,167,458,947	14,468,815,428																				
BOOK DEPRECIATION RESERVE	(9)	45,556,172 45,069 15,157,987 16,919,495	1,400,018,719		99,146,348 13,120,024 13,637,650	6,454,800 6,454,800 340,554	176,809 20,579,915	7,540 90,352 1,066,495	66,989,438 2,601,278	224,211,203	2,054,242,374	6,567,605,672			647,306	210,154,674		000	196,154,402		794,014	(235,823)	(72,813)	13,996	(920,178)	(17,098,832)	(23,801)	395,313,373	6,962,919,045		Depreciation	Rate 17.91 10.81
ORIGINAL COST AS OF JUNE 30, 2023	(5)	147,375,899,01 3,715,622.50 38,289,053,60 64,756,215.88	4,670,120,247.66		333,096,940.83 22,901,996.87 55,306,128.76	17,041,260.52 883,353.81	1,137,595.52 58,336,672.50	137,948.92 99,661.23 7.178.266.70	261,827,247.35 12,685,569.87	770,652,642.88	7,664,590,528.82	16,929,597,634.10		225 629 48	2,774,170.58	303,466,047.40	30,461,821.36	26,439.08	5,693,709,05	28,987.75		3,021,741.36	25,739,076.84	5,659,289.30				1,113,090,133.66	18,042,687,767.76			Net Sakage (6) (17)
NET SALVAGE PERCENT	(4)	(2) 0 (15)			(15)	- 6	000	005	200																							55-R4 * 13-R3 * 13-B3
SURVIVOR CURVE	(3)	15-S2.5 10-S3 20-L0 30-O1			45-R1.5 20-SQ	20-L2.5 20-SQ	25-SQ 25-SQ	15-R3 20-SQ 23-R1	20-SQ 15-SQ																					ear.	Probable	Retirement Date 05-2029 05-2038
PROBABLE RETIREMENT DATE	(2)																													yned an individual probable retirement y		Cayuga Diesel Noblesville
ACCOUNT	(1)	METERS - AMI METERS - EV CHARGER INSTALLATIONS ON CUSTOMERS' PREMISES STREET LIGHTING AND SIGNALL SYSTEMS	TOTAL DISTRIBUTION PLANT	GENERAL PLANT	STRUCTURES AND IMPROVEMENTS OFFICE FURNITURE AND EQUIPMENT OFFICE GLIDITI DEL AND EQUIPMENT. END	OFFICE TOWNS ONE AND EXCEPTIONS OF STORES EQUIPMENT	FORKLIFTS OOLS, HOPS AND GARAGE EQUIPMENT	EV CHARGER LABORATORY EQUIPMENT POWER OPFRATED FOLIJIPMENT	COMMUNICATION EQUIPMENT MISCELLANEOUS EQUIPMENT	TOTAL GENERAL PLANT	TOTAL TRANSMISSION, DISTRIBUTION AND GENERAL PLANT	TOTAL DEPRECIABLE PLANT	NONDEPRECIABLE AND ACCOUNTS NOT STUDIED	ORSANZATION	FRANCHISES AND CONSENTS	MISCELLANEOUS INTANGIBLE PLANT	LAND AND LAND RIGHTS	RIGHTS OF WAY	ARO I AND AND BIGHTS	RIGHTS OF WAY	ARO	LAND AND LAND RIGHTS	LAND AND LAND RIGHTS	LAND AND LAND RIGHTS ARO	ACCOUNTS 789 AND 790	SEC EQUITY AMORT	WABASH RIVER UNIT 1 WVPA	TOTAL NONDEPRECIABLE AND ACCOUNTS NOT STUDIED	TOTAL ELECTRIC PLANT	Curve shown is interim survivor curve. Each facility in the account is assigned an individual probable retrement year.		Account 342.00 343.10 343.10
		370.20 370.70 371.00 373.00	0	GEI	390.00 391.00	392.00	393.10	394.70 395.00	397.00 398.00	10	10	TO.	ON.	301.00	302.00	303.00	310.00	310.10	340.00	340.10	347.00	350.00	360.00	389.00	8			10	Σ	. :		

**PART VII. SERVICE LIFE STATISTICS** 

120

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AGE IN YEARS

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<del>|</del>0

ORIGINAL CURVE ■ 1910-2022 EXPERIENCE 1910-2022 PLACEMENTS 2003-2022 EXPERIENCE 1910-2022 PLACEMENTS OWA 100-R2.5 ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS ORIGINAL AND SMOOTH SURVIVOR CURVES

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8

DUKE ENERGY INDIANA

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РЕВСЕИТ ЗИВУІУІИС

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# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT H	BAND 1910-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	837,266,061	657,782	0.0008	0.9992	100.00
0.5	831,342,846		0.0000	1.0000	99.92
1.5	784,893,683	61,930	0.0001	0.9999	99.92
2.5	783,214,961	93,386	0.0001	0.9999	99.91
3.5	776,736,973	30,950	0.0000	1.0000	99.90
4.5	670,030,541	615,725	0.0009	0.9991	99.90
5.5	598,586,280	668,936	0.0011	0.9989	99.81
6.5	549,542,498	324,712	0.0006	0.9994	99.69
7.5	537,326,310	402,158	0.0007	0.9993	99.64
8.5	534,079,677	506,954	0.0009	0.9991	99.56
9.5	531,251,023	545,259	0.0010	0.9990	99.47
10.5	526,038,679	213,701	0.0004	0.9996	99.36
11.5	469,053,445	710,395	0.0015	0.9985	99.32
12.5	464,649,598	536,393	0.0012	0.9988	99.17
13.5	461,191,489	791,183	0.0017	0.9983	99.06
14.5	409,065,676	209,249	0.0005	0.9995	98.89
15.5	403,831,503	466,314	0.0012	0.9988	98.84
16.5	395,430,480	478,769	0.0012	0.9988	98.72
17.5	393,449,036	470,055	0.0012	0.9988	98.60
18.5	391,848,078	218,906	0.0006	0.9994	98.49
19.5	390,886,696	689,526	0.0018	0.9982	98.43
20.5	384,589,219	171,053	0.0004	0.9996	98.26
21.5	373,840,858	814,731	0.0022	0.9978	98.21
22.5	371,218,014	852,283	0.0023	0.9977	98.00
23.5	365,866,238	94,967	0.0003	0.9997	97.78
24.5	362,779,838	317,825	0.0009	0.9991	97.75
25.5	360,112,060	275,972	0.0008	0.9992	97.66
26.5	357,407,928	1,246,351	0.0035	0.9965	97.59
27.5	348,841,700	114,602	0.0003	0.9997	97.25
28.5	313,025,997	445,926	0.0014	0.9986	97.22
29.5	304,990,552	507,119	0.0017	0.9983	97.08
30.5	297,262,058	680,575	0.0023	0.9977	96.92
31.5	293,161,286	1,112,036	0.0038	0.9962	96.70
32.5	291,577,360	474,788	0.0016	0.9984	96.33
33.5	288,065,586	1,009,618	0.0035	0.9965	96.17
34.5	280,879,106	507,112	0.0018	0.9982	95.83
35.5	279,518,593	516,541	0.0018	0.9982	95.66
36.5	278,009,304	39,097	0.0001	0.9999	95.49
37.5	277,372,331	560,386	0.0020	0.9980	95.47
38.5	275,733,371	1,593,584	0.0058	0.9942	95.28

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

		,			
PLACEMENT 1	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	271,811,375	179,592	0.0007	0.9993	94.73
40.5	219,873,824	200,359	0.0009	0.9991	94.67
41.5	216,429,841	632,544	0.0029	0.9971	94.58
42.5	215,023,750	1,047,455	0.0049	0.9951	94.30
43.5	188,058,807	812,302	0.0043	0.9957	93.84
44.5	151,654,641	415,996	0.0027	0.9973	93.44
45.5	150,577,923	566,375	0.0038	0.9962	93.18
46.5	126,663,351	340,767	0.0027	0.9973	92.83
47.5	82,833,111	31,396	0.0004	0.9996	92.58
48.5	73,492,898	137,119	0.0019	0.9981	92.55
49.5	73,156,228	149,233	0.0020	0.9980	92.37
50.5	60,609,467	55,937	0.0009	0.9991	92.19
51.5	60,428,895	4,120	0.0001	0.9999	92.10
52.5	40,997,265	257,983	0.0063	0.9937	92.09
53.5	35,418,968	19,663	0.0006	0.9994	91.51
54.5	35,365,680	59,801	0.0017	0.9983	91.46
55.5	33,840,085		0.0000	1.0000	91.31
56.5	33,820,181	14,260	0.0004	0.9996	91.31
57.5	33,752,048	1,299	0.0000	1.0000	91.27
58.5	33,686,126	898	0.0000	1.0000	91.27
59.5	33,247,702	295,281	0.0089	0.9911	91.26
60.5	29,258,152	427	0.0000	1.0000	90.45
61.5	22,268,381	57	0.0000	1.0000	90.45
62.5	16,848,916	1,882	0.0001	0.9999	90.45
63.5	2,101,749	•	0.0000	1.0000	90.44
64.5	2,099,713	22,249	0.0106	0.9894	90.44
65.5	2,069,765		0.0000	1.0000	89.48
66.5	1,976,522		0.0000	1.0000	89.48
67.5	870,692	42,378	0.0487	0.9513	89.48
68.5	828,314	435	0.0005	0.9995	85.13
69.5	806,588	13	0.0000	1.0000	85.08
70.5	801,862	200	0.0002	0.9998	85.08
71.5	801,662		0.0000	1.0000	85.06
72.5	768,680	23,165	0.0301	0.9699	85.06
73.5	628,151	1,093	0.0017	0.9983	82.50
74.5	626,489	•	0.0000	1.0000	82.35
75.5	626,082		0.0000	1.0000	82.35
76.5	626,082	168	0.0003	0.9997	82.35
77.5	625,552	8,085	0.0129	0.9871	82.33
78.5	580,161	385	0.0007	0.9993	81.27



# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1910-2022		EXPERIENCE BAND 1956-202				
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL		
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	528,803 528,250 527,890 527,681 527,681 527,681 262,006 262,006 262,006	225	0.0000 0.0004 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9996 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	81.21 81.21 81.18 81.18 81.18 81.18 81.18 81.18		
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	262,006 262,006 262,006 262,006 1,630 1,630 1,630 1,630 1,630		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	81.18 81.18 81.18 81.18 81.18 81.18 81.18 81.18 81.18		
99.5 100.5 101.5 102.5 103.5 104.5 105.5	1,630 1,630 1,630 1,630 1,630 1,630		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	81.18 81.18 81.18 81.18 81.18 81.18		

106.5

81.18

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1910-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	455,027,592	657,782	0.0014	0.9986	100.00
0.5	452,022,351		0.0000	1.0000	99.86
1.5	408,433,357	18,431	0.0000	1.0000	99.86
2.5	404,310,995	45,458	0.0001	0.9999	99.85
3.5	401,467,663	22,073	0.0001	0.9999	99.84
4.5	295,664,005	61,409	0.0002	0.9998	99.83
5.5	221,233,344	584,728	0.0026	0.9974	99.81
6.5	172,758,680	92,716	0.0005	0.9995	99.55
7.5	168,406,166	338,989	0.0020	0.9980	99.50
8.5	201,423,336	125,180	0.0006	0.9994	99.30
9.5	207,342,444	392,278	0.0019	0.9981	99.23
10.5	213,972,491	115,641	0.0005	0.9995	99.05
11.5	158,688,503	443,112	0.0028	0.9972	98.99
12.5	160,877,870	278,518	0.0017	0.9983	98.72
13.5	159,148,260	227,114	0.0014	0.9986	98.55
14.5	111,475,091	62,091	0.0006	0.9994	98.41
15.5	113,023,516	287,760	0.0025	0.9975	98.35
16.5	105,199,546	79,074	0.0008	0.9992	98.10
17.5	104,235,860	220,160	0.0021	0.9979	98.03
18.5	102,983,554	21,436	0.0002	0.9998	97.82
19.5	105,251,716	225,827	0.0021	0.9979	97.80
20.5	155,026,265	43,080	0.0003	0.9997	97.59
21.5	145,981,184	543,425	0.0037	0.9963	97.56
22.5	144,334,430	751,688	0.0052	0.9948	97.20
23.5	165,027,374	28,762	0.0002	0.9998	96.69
24.5	199,698,776	273,338	0.0014	0.9986	96.68
25.5	197,375,062	174,944	0.0009	0.9991	96.54
26.5	218,439,094	1,017,797	0.0047	0.9953	96.46
27.5	259,758,126	105,481	0.0004	0.9996	96.01
28.5	224,556,021	203,070	0.0009	0.9991	95.97
29.5	217,209,298	241,813	0.0011	0.9989	95.88
30.5	222,586,242	341,209	0.0015	0.9985	95.78
31.5	218,766,106	349,615	0.0016	0.9984	95.63
32.5	237,954,945	439,944	0.0018	0.9982	95.48
33.5	235,031,430	763,793	0.0032	0.9968	95.30
34.5	238,906,926	476,648	0.0020	0.9980	94.99
35.5	238,000,063	374,239	0.0016	0.9984	94.80
36.5	236,687,379	24,805	0.0001	0.9999	94.65
37.5	235,898,241	476,401	0.0020	0.9980	94.64
38.5	235,060,297	1,504,588	0.0064	0.9936	94.45



# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

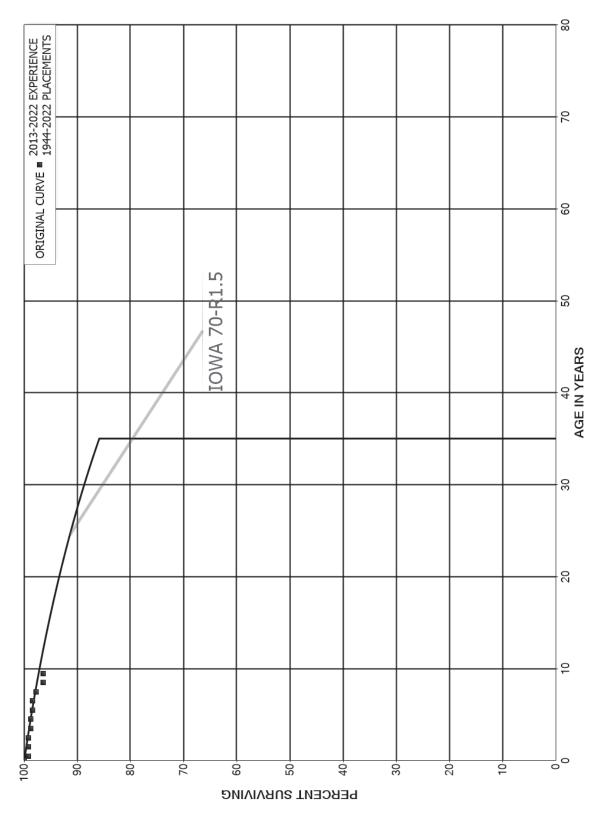
PLACEMENT	BAND 1910-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	231,249,203 179,387,402 176,406,171 182,121,837 156,008,614 129,703,999 129,187,012 107,237,840	127,640 69,257 461,038 945,944 792,727 336,473 565,969 340,767	0.0006 0.0004 0.0026 0.0052 0.0051 0.0026 0.0044 0.0032	0.9994 0.9996 0.9974 0.9948 0.9949 0.9974 0.9956 0.9968	93.85 93.79 93.76 93.51 93.03 92.55 92.31 91.91
47.5 48.5	63,407,857 57,623,078	2,465 85,715	0.0000 0.0015	1.0000 0.9985	91.62 91.61
49.5 50.5 51.5	62,290,172 49,749,033 51,016,360	149,233 55,937	0.0024 0.0011 0.0000	0.9976 0.9989 1.0000	91.48 91.26 91.16
52.5 53.5 54.5	35,423,353 31,703,331 31,653,987	252,937 19,663 57,775	0.0071 0.0006 0.0018	0.9929 0.9994 0.9982	91.16 90.51 90.45
55.5 56.5 57.5 58.5	31,536,603 31,529,112 31,525,104 32,598,544	14,260 1,299 898	0.0000 0.0005 0.0000 0.0000	1.0000 0.9995 1.0000 1.0000	90.28 90.28 90.24 90.24
59.5 60.5 61.5 62.5 63.5	32,160,119 28,489,933 21,500,757 16,081,305 1,335,100	39,587 427 57 1,882	0.0012 0.0000 0.0000 0.0001	0.9988 1.0000 1.0000 0.9999	90.24 90.13 90.12 90.12
64.5 65.5 66.5 67.5	1,450,428 1,420,480 1,327,237 221,407	22,249 42,378	0.0000 0.0153 0.0000 0.0000 0.1914	1.0000 0.9847 1.0000 1.0000 0.8086 0.9987	90.11 90.11 88.73 88.73 88.73
68.5 69.5 70.5	179,029 157,502 153,225	236 13	0.0013 0.0001 0.0000	0.9999	71.75 71.65 71.65
71.5 72.5 73.5 74.5 75.5 76.5 77.5	153,779 120,797 4,015 2,761 2,353 268,028 304,552	1,093	0.0000 0.0000 0.2721 0.0000 0.0000 0.0000	1.0000 1.0000 0.7279 1.0000 1.0000 1.0000	71.65 71.65 71.65 52.15 52.15 52.15
78.5	318,155	385	0.0012	0.9988	52.15



# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT E	BAND 1910-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	266,797 266,244 265,883 265,675 265,675 526,051 260,376 260,376 260,376	225	0.0000 0.0008 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9992 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	52.09 52.09 52.04 52.04 52.04 52.04 52.04 52.04 52.04 52.04
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	260,376 260,376 260,376 262,006 1,630 1,630 1,630 1,630 1,630 1,630		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	52.04 52.04 52.04 52.04 52.04 52.04 52.04 52.04 52.04 52.04
99.5 100.5 101.5 102.5 103.5 104.5 105.5	1,630 1,630 1,630 1,630 1,630 1,630		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	52.04 52.04 52.04 52.04 52.04 52.04 52.04 52.04

DUKE ENERGY INDIANA ACCOUNT 311.20 STRUCTURES AND IMPROVEMENTS - EDWARDSPORT IGCC ORIGINAL AND SMOOTH SURVIVOR CURVES



# ACCOUNT 311.20 STRUCTURES AND IMPROVEMENTS - EDWARDSPORT IGCC

#### ORIGINAL LIFE TABLE

PLACEMENT	BAND 1944-2022		EXPEF	RIENCE BAN	D 2013-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	161,915,323 168,825,582 167,228,201 165,030,709 151,212,204 146,888,118 145,788,152 144,179,110 142,925,407 140,632,063	1,404,522 618,100 106,026 405,445 941,503 2,065,602 17,234	0.0087 0.0000 0.0000 0.0037 0.0007 0.0028 0.0000 0.0065 0.0145 0.0001	0.9913 1.0000 1.0000 0.9963 0.9993 0.9972 1.0000 0.9935 0.9855 0.9999	100.00 99.13 99.13 99.13 98.76 98.69 98.42 98.42 97.78 96.36
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5					96.35
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5					
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	44,644 44,644 44,644 44,644 44,644		0.0000 0.0000 0.0000 0.0000 0.0000		

38.5

# ACCOUNT 311.20 STRUCTURES AND IMPROVEMENTS - EDWARDSPORT IGCC

# ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1944-2022		EXPER	IENCE BAN!	D 2013-2022
	EXPOSURES AT BEGINNING OF AGE INTERVAL	DURING AGE	RETMT RATIO		PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5					
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5					
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	53,611 53,611 53,611		0.0000 0.0000 0.0000		
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	53,611 56,675 25,650 36,734 34,643 34,643 19,827 15,113	1,649 31,025 2,091 14,816			

78.5

120

ORIGINAL CURVE = 1910-2022 EXPERIENCE 2003-2022 EXPERIENCE 1910-2022 PLACEMENTS 100 ACCOUNT 312.00 BOILER PLANT EQUIPMENT 8 ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 45-S0.5 DUKE ENERGY INDIANA AGE IN YEARS 40 20 <del>|</del>0 5 9 8 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС



# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

PLACEMENT :	BAND 1910-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	4,983,922,248 4,913,331,157 4,827,595,519 4,749,780,410 4,661,173,416 4,503,572,112 4,266,047,741 4,197,758,762 3,621,718,074 3,469,078,000	1,452,405 759,084 1,768,633 7,727,480 12,530,640 21,922,740 26,058,912 24,010,965 17,988,338 26,082,357	0.0003 0.0002 0.0004 0.0016 0.0027 0.0049 0.0061 0.0057 0.0050 0.0075	0.9997 0.9998 0.9996 0.9984 0.9973 0.9951 0.9939 0.9943 0.9950 0.9925	100.00 99.97 99.96 99.92 99.76 99.49 99.00 98.40 97.84
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	3,259,155,975 3,202,682,233 3,125,681,975 3,064,021,311 2,954,410,781 2,499,991,512 2,137,443,633 1,862,332,171 1,637,812,387 1,532,207,869	24,586,002 24,277,400 19,053,642 19,949,264 15,765,669 22,157,069 12,684,373 12,095,542 12,090,607 12,528,907	0.0075 0.0076 0.0061 0.0065 0.0053 0.0089 0.0059 0.0065 0.0074 0.0082	0.9925 0.9924 0.9939 0.9935 0.9947 0.9911 0.9941 0.9935 0.9926 0.9918	96.62 95.89 95.16 94.58 93.97 93.47 92.64 92.09 91.49 90.81
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,359,389,660 1,116,631,484 1,067,537,212 1,030,147,452 975,858,923 942,530,778 921,977,000 889,400,964 852,028,041 710,874,079	12,187,807 13,629,689 10,872,556 14,733,108 4,821,953 3,529,181 14,542,952 20,615,543 9,342,938 17,061,048	0.0090 0.0122 0.0102 0.0143 0.0049 0.0037 0.0158 0.0232 0.0110 0.0240	0.9910 0.9878 0.9898 0.9857 0.9951 0.9963 0.9842 0.9768 0.9890 0.9760	90.07 89.26 88.17 87.28 86.03 85.60 85.28 83.94 81.99 81.09
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	640,737,787 581,845,102 557,226,801 543,643,112 493,246,047 475,761,113 461,951,834 441,403,912 432,482,557 412,432,983	10,376,252 16,090,429 6,252,926 25,618,313 12,272,874 11,421,789 16,964,309 7,866,452 15,114,368 15,257,440	0.0162 0.0277 0.0112 0.0471 0.0249 0.0240 0.0367 0.0178 0.0349 0.0370	0.9838 0.9723 0.9888 0.9529 0.9751 0.9760 0.9633 0.9822 0.9651 0.9630	79.15 77.86 75.71 74.86 71.33 69.56 67.89 65.40 64.23 61.99

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

PLACEMENT	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	396,298,032	13,108,366	0.0331	0.9669	59.69
40.5	300,341,910	13,741,691	0.0458	0.9542	57.72
41.5	281,891,450	18,689,936	0.0663	0.9337	55.08
42.5	261,568,852	16,275,747	0.0622	0.9378	51.43
43.5	210,825,658	17,929,006	0.0850	0.9150	48.23
44.5	155,544,410	4,987,473	0.0321	0.9679	44.12
45.5	150,136,693	9,948,559	0.0663	0.9337	42.71
46.5	124,916,465	2,693,125	0.0216	0.9784	39.88
47.5	104,746,851	2,056,836	0.0196	0.9804	39.02
48.5	88,812,626	1,432,357	0.0161	0.9839	38.25
49.5	87,336,346	1,137,721	0.0130	0.9870	37.64
50.5	69,523,930	745,947	0.0107	0.9893	37.15
51.5	68,652,425	1,044,706	0.0152	0.9848	36.75
52.5	40,580,526	3,492,091	0.0861	0.9139	36.19
53.5	31,703,015	501,922	0.0158	0.9842	33.07
54.5	30,955,438	341,320	0.0110	0.9890	32.55
55.5	30,512,984	82,692	0.0027	0.9973	32.19
56.5	30,316,283	32,323	0.0011	0.9989	32.10
57.5	30,027,933	26,783	0.0009	0.9991	32.07
58.5	29,832,640	66,922	0.0022	0.9978	32.04
59.5	29,500,216	120,169	0.0041	0.9959	31.97
60.5	20,549,826	9,823	0.0005	0.9995	31.84
61.5	18,409,725	501	0.0000	1.0000	31.82
62.5	12,513,367	1,963	0.0002	0.9998	31.82
63.5	1,430,126	1,415	0.0010	0.9990	31.82
64.5 65.5 66.5 67.5 68.5	1,428,711 1,396,904 1,386,989 381,683 374,780	3,118 2,169 6,903 4,003	0.0022 0.0016 0.0000 0.0181 0.0107	0.9978 0.9984 1.0000 0.9819 0.9893	31.79 31.72 31.67 31.67 31.10
70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	370,778 370,778 370,778 369,260 352,451 317,136 317,136 122,166 122,166 122,166	1,517 526 194,970	0.0000 0.0000 0.0041 0.0000 0.0015 0.0000 0.6148 0.0000 0.0000 0.0000	1.0000 1.0000 0.9959 1.0000 0.9985 1.0000 0.3852 1.0000 1.0000	30.76 30.76 30.64 30.64 30.59 30.59 11.78 11.78

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

PLACEMENT 1	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	122,166 121,147 121,147 121,147 121,147 121,147 120,725 120,725 120,725 120,725		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.78
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	120,725 120,725 120,725 120,725 120,725 120,725 120,725 120,725 120,725		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.78
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	120,725 120,725 120,725 120,725 120,725 120,725 120,725 100,899 100,899		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.78
109.5 110.5 111.5 112.5	100,899 100,899 100,899		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	11.78 11.78 11.78 11.78

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

PLACEMENT	BAND 1910-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	3,409,790,430	1,452,405	0.0004	0.9996	100.00
0.5	3,582,760,191	753,959	0.0002	0.9998	99.96
1.5	3,540,070,286	944,052	0.0003	0.9997	99.94
2.5	3,478,329,442	3,977,774	0.0011	0.9989	99.91
3.5	3,419,708,378	10,698,384	0.0031	0.9969	99.80
4.5	3,294,743,086	17,608,412	0.0053	0.9947	99.48
5.5	3,083,299,448	22,062,434	0.0072	0.9928	98.95
6.5	3,047,233,608	21,453,650	0.0070	0.9930	98.24
7.5	2,497,549,970	12,185,690	0.0049	0.9951	97.55
8.5	2,518,620,939	21,350,491	0.0085	0.9915	97.08
9.5	2,417,806,122	19,243,354	0.0080	0.9920	96.25
10.5	2,437,456,835	20,278,057	0.0083	0.9917	95.49
11.5	2,385,668,199	13,668,167	0.0057	0.9943	94.69
12.5	2,351,018,163	15,141,765	0.0064	0.9936	94.15
13.5	2,258,492,913	10,480,776	0.0046	0.9954	93.54
14.5	1,818,555,287	16,085,779	0.0088	0.9912	93.11
15.5	1,467,900,092	8,606,428	0.0059	0.9941	92.29
16.5	1,201,880,198	6,794,101	0.0057	0.9943	91.74
17.5	985,145,801	6,925,730	0.0070	0.9930	91.23
18.5	888,610,813	4,703,334	0.0053	0.9947	90.58
19.5	746,590,808	4,625,487	0.0062	0.9938	90.11
20.5	649,238,152	7,877,047	0.0121	0.9879	89.55
21.5	609,482,199	6,720,640	0.0110	0.9890	88.46
22.5	578,934,488	6,826,261	0.0118	0.9882	87.49
23.5	610,533,057	3,890,081	0.0064	0.9936	86.45
24.5	662,602,458	2,588,964	0.0039	0.9961	85.90
25.5	643,324,778	11,024,923	0.0171	0.9829	85.57
26.5	663,944,717	16,180,350	0.0244	0.9756	84.10
27.5	687,586,075	6,907,566	0.0100	0.9900	82.05
28.5	549,715,131	15,199,830	0.0277	0.9723	81.23
29.5	483,537,320	9,413,837	0.0195	0.9805	78.98
30.5	456,042,847	13,169,658	0.0289	0.9711	77.44
31.5	434,779,916	4,686,732	0.0108	0.9892	75.21
32.5	455,319,698	23,658,841	0.0520	0.9480	74.40
33.5	409,846,776	9,481,660	0.0231	0.9769	70.53
34.5	411,357,022	9,000,934	0.0219	0.9781	68.90
35.5	400,000,763	15,188,237	0.0380	0.9620	67.39
36.5	381,420,995	7,092,702	0.0186	0.9814	64.83
37.5	373,404,725	13,363,494	0.0358	0.9642	63.63
38.5	355,274,010	14,534,897	0.0409	0.9591	61.35



# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

PLACEMENT I	BAND 1910-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	340,016,952 244,464,791 232,121,889 220,698,418 175,984,107 131,037,245 126,693,559 105,742,599 85,856,063 74,884,758	12,822,779 13,180,729 16,979,150 15,450,094 17,258,046 3,883,224 9,369,815 2,458,523 1,816,724 1,130,224	0.0377 0.0539 0.0731 0.0700 0.0981 0.0296 0.0740 0.0233 0.0212 0.0151	0.9623 0.9461 0.9269 0.9300 0.9019 0.9704 0.9260 0.9767 0.9788 0.9849	58.84 56.62 53.57 49.65 46.17 41.65 40.41 37.42 36.55 35.78
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	78,040,903 60,238,384 60,837,775 36,936,754 30,158,283 29,462,473 29,020,260 28,860,866 28,587,702 29,369,521	1,127,825 566,000 967,244 3,410,547 499,485 341,079 75,161 17,137 23,031 46,476	0.0145 0.0094 0.0159 0.0923 0.0166 0.0116 0.0026 0.0006 0.0008	0.9855 0.9906 0.9841 0.9077 0.9834 0.9884 0.9974 0.9994 0.9992 0.9984	35.24 34.73 34.40 33.86 30.73 30.22 29.87 29.79 29.78 29.75
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	29,057,542 20,215,880 18,075,780 12,179,421 1,096,180 1,111,575 1,079,768 1,069,853 64,547 57,644	11,441 9,823 501 1,963 1,415 3,118 2,169 6,903 4,003	0.0004 0.0005 0.0000 0.0002 0.0013 0.0028 0.0020 0.0000 0.1069 0.0694	0.9996 0.9995 1.0000 0.9998 0.9987 0.9972 0.9980 1.0000 0.8931 0.9306	29.71 29.69 29.68 29.67 29.64 29.55 29.49 29.49 26.34
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	53,641 53,641 54,660 53,143 36,334 1,019 1,019 1,441 1,441	1,517 526	0.0000 0.0000 0.0278 0.0000 0.0145 0.0000 0.0000 0.0000	1.0000 1.0000 0.9722 1.0000 0.9855 1.0000 1.0000 1.0000	24.51 24.51 24.51 23.83 23.83 23.48 23.48 23.48 23.48 23.48

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

PLACEMENT I	BAND 1910-2022		EXPE	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	1,441 423 423 423 423 423		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	23.48 23.48 23.48 23.48 23.48 23.48 23.48
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	120,725 120,725 120,725 120,725 120,725 120,725 120,725		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	120,725 120,725 120,725 120,725 120,725 120,725 120,725 100,899 100,899		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		
109.5 110.5 111.5 112.5	100,899 100,899 100,899		0.0000 0.0000 0.0000		

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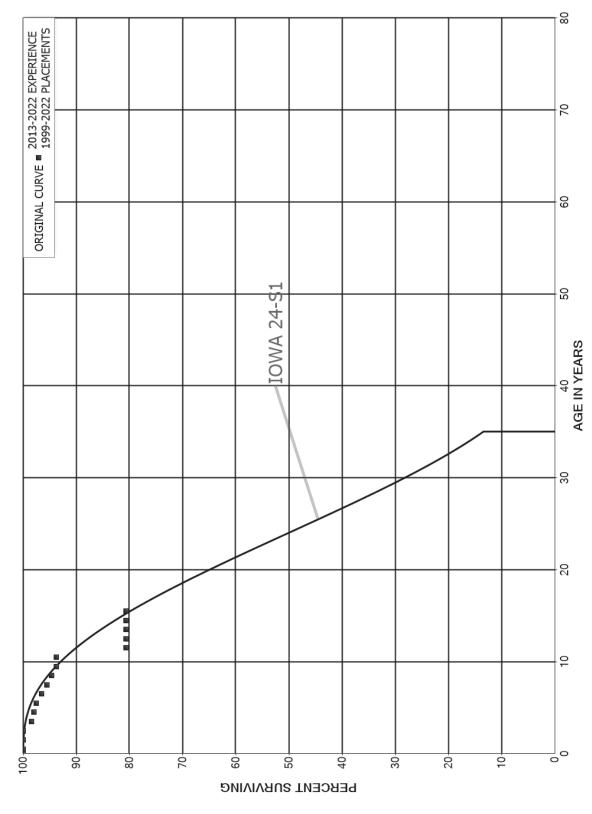
ORIGINAL CURVE ■ 1970-2022 EXPERIENCE 1970-2007 PLACEMENTS 9 DUKE ENERGY INDIANA ACCOUNT 312.10 BOILER PLANT EQUIPMENT - COAL CARS 8 ORIGINAL AND SMOOTH SURVIVOR CURVES AGE IN YEARS IOWA 35-S3 4 20 <del>ا</del>ه 1001 5 30-9 8 8 9 20 20 РЕВСЕИТ SURVIVING

ANNETT FLEMING

# ACCOUNT 312.10 BOILER PLANT EQUIPMENT - COAL CARS

PLACEMENT I	BAND 1970-2007		EXPER	RIENCE BAN	D 1970-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	3,140,466 3,140,466 9,295,282 9,295,282 10,875,498 10,875,498 10,875,498 10,875,498 10,875,498		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	9,378,451 9,378,451 9,378,451 9,378,451 9,378,451 9,378,451 9,295,282 8,148,497 4,824,896 4,824,896	1,146,785	0.0000 0.0000 0.0000 0.0000 0.0000 0.1234 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.8766 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 87.66 87.66
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	4,824,896 4,824,896 4,824,896 1,993,681 1,993,681 1,993,681 1,993,681 1,993,681 1,993,681	453,314	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.2274	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.7726	87.66 87.66 87.66 87.66 87.66 87.66 87.66 87.66
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,540,367 1,540,367 1,540,367 1,540,367 1,540,367 1,540,367 943,721	596,646 943,721	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.3873 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.6127 1.0000	67.73 67.73 67.73 67.73 67.73 67.73 41.50 41.50

DUKE ENERGY INDIANA ACCOUNT 312.20 BOILER PLANT EQUIPMENT - EDWARDSPORT IGCC ORIGINAL AND SMOOTH SURVIVOR CURVES



# ACCOUNT 312.20 BOILER PLANT EQUIPMENT - EDWARDSPORT IGCC

PLACEMENT 1	BAND 1999-2022		EXPER	RIENCE BAN	D 2013-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	1,913,297,687 1,924,427,182 1,911,751,479 1,895,380,057 1,841,417,311 1,810,173,327 1,795,159,185 1,760,219,702 1,729,498,935 1,712,408,683	113,585 159,415 1,798,663 28,638,025 7,655,563 8,933,872 18,751,560 18,342,727 15,569,397 15,876,517	0.0001 0.0001 0.0009 0.0151 0.0042 0.0049 0.0104 0.0104 0.0090 0.0093	0.9999 0.9999 0.9991 0.9849 0.9958 0.9951 0.9896 0.9896 0.9910	100.00 99.99 99.99 99.89 98.38 97.97 97.49 96.47 95.47
9.5 10.5 11.5 12.5 13.5 14.5 15.5	2,969,818 1,497,046 1,287,775 1,287,775 1,287,775 1,287,775	209,271	0.0000 0.1398 0.0000 0.0000 0.0000	1.0000 0.8602 1.0000 1.0000 1.0000	93.73 93.73 80.63 80.63 80.63 80.63 80.63
17.5 18.5	3,323,601 3,323,601		0.0000		
19.5 20.5 21.5 22.5 23.5	3,323,601 3,323,601 3,323,601 3,323,601		0.0000 0.0000 0.0000 0.0000		

ACCOUNT 312.30 BOILER PLANT EQUIPMENT - SCR CATALYST ORIGINAL AND SMOOTH SURVIVOR CURVES DUKE ENERGY INDIANA

9 ORIGINAL CURVE ■ 2008-2022 EXPERIENCE 2002-2019 PLACEMENTS 20 IOWA 15-S1 40 AGE IN YEARS 20 10 <del>ا</del>ه 1001 90 5 30-9 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

# ACCOUNT 312.30 BOILER PLANT EQUIPMENT - SCR CATALYST

PLACEMENT	BAND 2002-2019		EXPE	RIENCE BAN	D 2008-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	9,140,306 9,140,306 10,126,389 11,844,399 14,938,984 19,427,575 26,332,635 25,087,793 23,224,875 23,224,875	830,230 4,203,042 1,244,841 1,261,286	0.0000 0.0000 0.0000 0.00556 0.2163 0.0473 0.0503 0.0000 0.1179	1.0000 1.0000 1.0000 1.0000 0.9444 0.7837 0.9527 0.9497 1.0000 0.8821	100.00 100.00 100.00 100.00 100.00 94.44 74.01 70.51 66.97 66.97
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	19,806,728 16,777,492 16,277,728 15,475,293 15,475,293 15,024,838 13,034,712 12,048,629 11,108,102 11,108,102	191,339 499,764 396,008	0.0097 0.0298 0.0000 0.0000 0.0256 0.0000 0.0000 0.0000 0.0000	0.9903 0.9702 1.0000 1.0000 0.9744 1.0000 1.0000 1.0000	59.07 58.50 56.76 56.76 55.31 55.31 55.31 55.31
19.5 20.5	11,108,102		0.0000	1.0000	55.31 55.31

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ORIGINAL CURVE = 1910-2022 EXPERIENCE 2003-2022 EXPERIENCE 1910-2022 PLACEMENTS 100 8 ACCOUNT 314.00 TURBOGENERATOR UNITS ORIGINAL AND SMOOTH SURVIVOR CURVES OWA 55-S1 DUKE ENERGY INDIANA AGE IN YEARS 40 20 <del>|</del>0 001 5 9 8 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 314.00 TURBOGENERATOR UNITS

PLACEMENT	BAND 1910-2022		EXPEF	RIENCE BAN	D 1958-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	617,683,829 598,396,998 597,233,518 591,026,333 591,266,526 583,014,643 580,209,231 557,646,275	13,134 152,258 287,350 195,578 2,245,200 837,642	0.0000 0.0000 0.0000 0.0003 0.0005 0.0003 0.0039	1.0000 1.0000 1.0000 0.9997 0.9995 0.9997 0.9961	100.00 100.00 100.00 100.00 99.97 99.92 99.89 99.50
7.5 8.5	535,125,528 516,370,542	1,761,016 2,525,036	0.0033 0.0049	0.9967 0.9951	99.35 99.03
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	499,300,184 488,730,481 461,263,626 441,073,526 416,033,644 405,790,144 381,165,671 359,346,501 333,353,889 325,383,471	1,453,196 1,184,469 1,376,677 1,009,552 1,925,130 1,872,098 1,206,234 1,057,207 1,147,526 275,270	0.0029 0.0024 0.0030 0.0023 0.0046 0.0032 0.0029 0.0034 0.0008	0.9971 0.9976 0.9970 0.9977 0.9954 0.9954 0.9968 0.9971 0.9966 0.9992	98.54 98.26 98.02 97.73 97.50 97.05 96.60 96.30 96.01 95.68
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5	314,158,357 305,870,488 288,506,443 271,855,570 268,716,833 266,743,526 256,908,309 244,636,845 242,242,823	277,648 508,650 966,199 111,616 934,487 1,464,935 4,526,875 507,841 4,022,017	0.0009 0.0017 0.0033 0.0004 0.0035 0.0055 0.0176 0.0021 0.0166	0.9991 0.9983 0.9967 0.9996 0.9965 0.9945 0.9824 0.9979	95.60 95.52 95.36 95.04 95.00 94.67 94.15 92.49 92.30
28.5 29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	236,498,902 225,684,462 211,281,971 205,239,682 199,753,470 190,871,221 179,625,525 174,144,409 164,108,569 159,869,711 155,896,783	3,757,613 14,362,680 1,985,955 3,396,896 7,959,873 9,750,161 3,793,976 9,963,854 3,920,918 3,938,089 2,291,275	0.0159 0.0636 0.0094 0.0166 0.0398 0.0511 0.0211 0.0572 0.0239 0.0246 0.0147	0.9841 0.9364 0.9906 0.9834 0.9602 0.9489 0.9789 0.9428 0.9761 0.9754 0.9853	90.77 89.32 83.64 82.85 81.48 78.24 74.24 72.67 68.51 66.88

## ACCOUNT 314.00 TURBOGENERATOR UNITS

PLACEMENT	BAND 1910-2022		EXPER	RIENCE BAN	D 1958-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5	153,320,482 136,927,178 134,654,378 133,439,697 116,627,266 99,543,766 97,520,350 84,914,688 74,450,405	1,139,559 1,845,256 1,049,600 1,475,530 713,689 1,962,676 1,486,774 721,533 2,326,249	0.0074 0.0135 0.0078 0.0111 0.0061 0.0197 0.0152 0.0085 0.0312	0.9926 0.9865 0.9922 0.9889 0.9939 0.9803 0.9848 0.9915 0.9688	64.27 63.79 62.93 62.44 61.75 61.37 60.16 59.25 58.74
48.5 49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	63,564,552 60,937,924 49,514,410 49,178,375 36,531,063 29,662,743 29,197,039 29,040,200 29,002,551 28,986,256 28,532,436	2,451,912 510,705 182,701 3,514,043 852,117 448,463 106,894 15,693 428,869 8,233	0.0386 0.0084 0.0037 0.0715 0.0233 0.0151 0.0037 0.0005 0.0000 0.0148 0.0003	0.9614 0.9916 0.9963 0.9285 0.9767 0.9849 0.9963 0.9995 1.0000 0.9852 0.9997	56.91 54.71 54.25 54.05 50.19 49.02 48.28 48.10 48.08 48.08 47.37
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	28,461,858 17,385,059 16,761,874 8,645,278 1,150,887 1,149,498 1,149,428 1,149,428 84,133 84,133	17,647 359 125	0.0006 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9994 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	47.35 47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	84,133 84,133 84,133 84,133 84,133 84,133 80,000 80,000 80,000		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32

## ACCOUNT 314.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1910-2022		EXPEF	RIENCE BAN	D 1958-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	80,000 80,000 80,000 80,000 80,000 80,000 80,000 80,000		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	80,000 80,000 80,000 80,000 80,000 80,000 80,000 80,000		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32 47.32
99.5 100.5 101.5 102.5 103.5 104.5 105.5	80,000 80,000 80,000 80,000 80,000 80,000		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	47.32 47.32 47.32 47.32 47.32 47.32 47.32

106.5

47.32

## ACCOUNT 314.00 TURBOGENERATOR UNITS

PLACEMENT	BAND 1910-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	303,302,183		0.0000	1.0000	100.00
0.5	292,650,006		0.0000	1.0000	100.00
1.5	307,875,092	13,134	0.0000	1.0000	100.00
2.5	315,713,810	152,258	0.0005	0.9995	100.00
3.5	313,926,015		0.0000	1.0000	99.95
4.5	304,756,524	189,456	0.0006	0.9994	99.95
5.5	309,555,318	1,931,641	0.0062	0.9938	99.89
6.5	288,831,396	726,174	0.0025	0.9975	99.26
7.5	264,121,300	759,524	0.0029	0.9971	99.01
8.5	246,896,943	1,301,643	0.0053	0.9947	98.73
9.5	242,059,806	803,783	0.0033	0.9967	98.21
10.5	234,000,692	909,284	0.0039	0.9961	97.88
11.5	211,119,648	350,395	0.0017	0.9983	97.50
12.5	200,000,257	780,919	0.0039	0.9961	97.34
13.5	175,268,602	774,919	0.0044	0.9956	96.96
14.5	168,495,516	1,476,276	0.0088	0.9912	96.53
15.5	146,619,898	1,042,217	0.0071	0.9929	95.68
16.5	125,237,736	292,642	0.0023	0.9977	95.00
17.5	100,654,287	861,668	0.0086	0.9914	94.78
18.5	92,926,283	15,888	0.0002	0.9998	93.97
19.5	82,129,983	59,894	0.0007	0.9993	93.95
20.5	97,773,806	124,647	0.0013	0.9987	93.89
21.5	80,821,423	39,588	0.0005	0.9995	93.77
22.5	65,189,956		0.0000	1.0000	93.72
23.5	92,800,405	829,211	0.0089	0.9911	93.72
24.5	120,894,473	13,171	0.0001	0.9999	92.88
25.5	112,580,289	1,839,934	0.0163	0.9837	92.87
26.5	126,626,266	284,857	0.0022	0.9978	91.36
27.5	146,371,343	3,569,050	0.0244	0.9756	91.15
28.5	141,012,608	3,376,250	0.0239	0.9761	88.93
29.5	130,710,254	13,956,663	0.1068	0.8932	86.80
30.5	133,933,897	1,814,057	0.0135	0.9865	77.53
31.5	128,394,040	2,161,208	0.0168	0.9832	76.48
32.5	137,354,570	7,582,304	0.0552	0.9448	75.19
33.5	129,446,183	7,320,092	0.0565	0.9435	71.04
34.5	129,696,735	2,101,245	0.0162	0.9838	67.02
35.5	125,923,781	9,013,333	0.0716	0.9284	65.94
36.5	116,838,462	3,038,586	0.0260	0.9740	61.22
37.5	113,508,685	2,595,337	0.0229	0.9771	59.63
38.5	110,878,508	2,012,306	0.0181	0.9819	58.26



## ACCOUNT 314.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE, CONT.

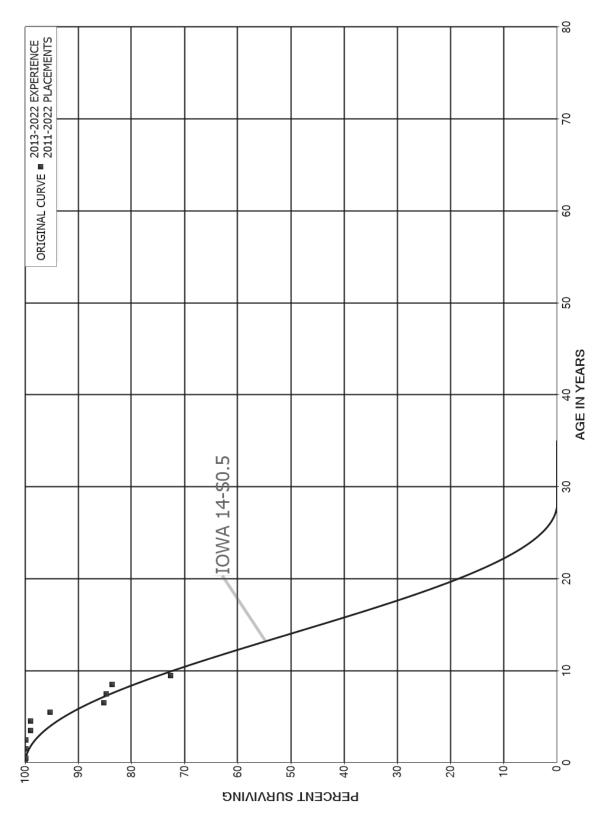
PLACEMENT H	BAND 1910-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	108,629,367 92,438,810 95,139,081 99,536,249 86,455,132 74,268,181 72,442,049 65,140,480 54,701,208 50,664,934	993,544 1,486,468 895,816 1,318,967 633,825 1,807,743 1,088,137 616,521 2,314,278 2,358,987	0.0091 0.0161 0.0094 0.0133 0.0073 0.0243 0.0150 0.0095 0.0423 0.0466	0.9909 0.9839 0.9906 0.9867 0.9927 0.9757 0.9850 0.9905 0.9577 0.9534	57.21 56.68 55.77 55.25 54.51 54.11 52.80 52.00 51.51 49.33
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	51,746,089 40,324,795 42,620,812 33,896,003 28,434,430 27,980,755 27,864,414 27,827,243 27,810,948 28,422,423	510,618 111,363 3,511,867 804,640 436,434 67,785 15,285	0.0099 0.0028 0.0824 0.0237 0.0153 0.0024 0.0005 0.0000 0.0154 0.0000	0.9901 0.9972 0.9176 0.9763 0.9847 0.9976 0.9995 1.0000 0.9846 1.0000	47.04 46.57 46.44 42.62 41.60 40.97 40.87 40.84 40.84
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5 70.5 71.5 72.5	28,360,078 17,300,926 16,677,740 8,561,145 1,066,754 1,065,295 1,069,428 4,133 4,133 4,133 4,133 4,133 4,133 4,133	359 125	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	40.21 40.21 40.21 40.21 40.21 40.21 40.21 40.21 40.21 40.21 40.21 40.21 40.21
74.5 75.5 76.5	4,133		0.0000	1.0000	40.21 40.21

77.5 78.5

## ACCOUNT 314.00 TURBOGENERATOR UNITS

PLACEMENT B	BAND 1910-2022		EXPER	ENCE BAN	2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5					
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	80,000 80,000 80,000 80,000 80,000 80,000		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		
99.5 100.5 101.5 102.5 103.5 104.5 105.5	80,000 80,000 80,000 80,000 80,000 80,000		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		

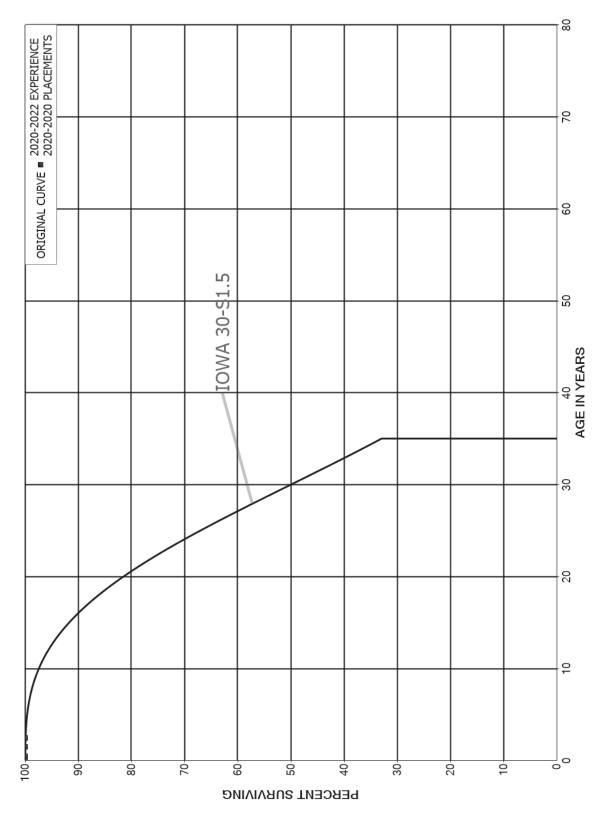
ACCOUNT 314.20 TURBOGENERATOR UNITS - EDWARDSPORT IGCC ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 314.20 TURBOGENERATOR UNITS - EDWARDSPORT IGCC

PLACEMENT BAND 2011-2022 EXPERIENCE BAND 2013-2				ID 2013-2022	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	786,950,703 784,169,383 780,872,302 770,775,394 751,054,679 716,608,994 689,975,890 537,460,977 535,096,186 496,873,930	7,429,826 13,997 26,585,905 73,370,964 2,348,711 7,394,070 65,209,797	0.0011 0.0000 0.0000 0.0096 0.0000 0.0371 0.1063 0.0044 0.0138 0.1312	0.9989 1.0000 1.0000 0.9904 1.0000 0.9629 0.8937 0.9956 0.9862 0.8688	100.00 99.89 99.89 99.89 98.92 95.25 85.12 84.75 83.58
9.5					72.61

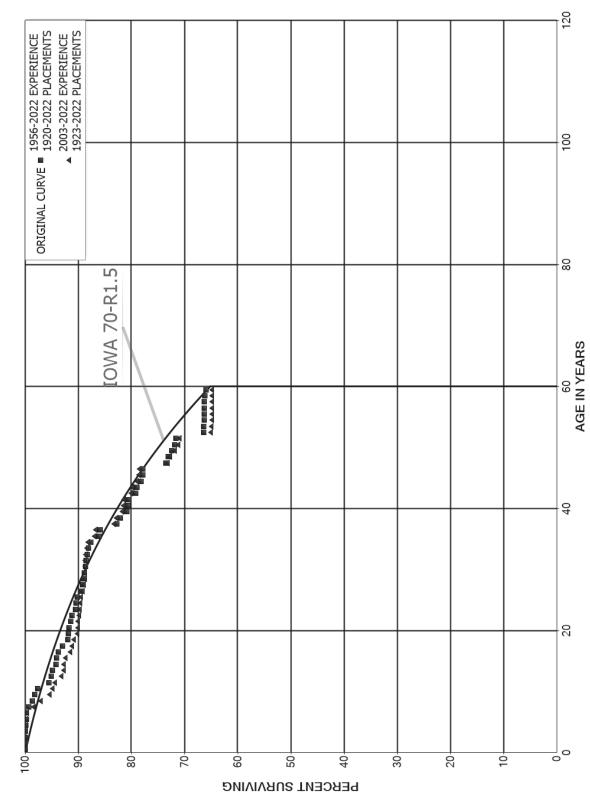
DUKE ENERGY INDIANA ACCOUNT 314.30 PRIME MOVERS - EDWARDSPORT IGCC ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 314.30 PRIME MOVERS - EDWARDSPORT IGCC

PLACEMENT	BAND 2020-2020		EXPER	RIENCE BAN	D 2020-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5	90,429,354 90,429,354 90,429,354		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00

DUKE ENERGY INDIANA ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT ORIGINAL AND SMOOTH SURVIVOR CURVES



#### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1920-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	190,153,857		0.0000	1.0000	100.00
0.5	180,142,016	18,012	0.0001	0.9999	100.00
1.5	175,464,697		0.0000	1.0000	99.99
2.5	175,798,773	108,528	0.0006	0.9994	99.99
3.5	169,976,867	91,189	0.0005	0.9995	99.93
4.5	169,001,900	178,194	0.0011	0.9989	99.87
5.5	166,165,866	73,095	0.0004	0.9996	99.77
6.5	157,359,930	683,647	0.0043	0.9957	99.73
7.5	146,842,012	984,194	0.0067	0.9933	99.29
8.5	141,194,203	664,213	0.0047	0.9953	98.63
9.5	138,891,418	728,112	0.0052	0.9948	98.16
10.5	138,020,181	3,095,205	0.0224	0.9776	97.65
11.5	129,123,705	511,930	0.0040	0.9960	95.46
12.5	127,993,834	310,951	0.0024	0.9976	95.08
13.5	127,535,892	847,580	0.0066	0.9934	94.85
14.5	126,168,152	256,867	0.0020	0.9980	94.22
15.5	124,263,848	423,172	0.0034	0.9966	94.03
16.5	123,684,910	958,080	0.0077	0.9923	93.71
17.5	122,471,947	1,285,817	0.0105	0.9895	92.98
18.5	121,059,950	269,590	0.0022	0.9978	92.00
19.5	118,611,739	105,665	0.0009	0.9991	91.80
20.5	117,955,864	481,701	0.0041	0.9959	91.72
21.5	117,034,723	165,386	0.0014	0.9986	91.34
22.5	116,550,480	877,439	0.0075	0.9925	91.21
23.5	111,419,205	110,998	0.0010	0.9990	90.53
24.5	109,910,667	300,500	0.0027	0.9973	90.44
25.5	107,696,405	953,664	0.0089	0.9911	90.19
26.5	103,701,703	249,703	0.0024	0.9976	89.39
27.5	102,180,384	250,789	0.0025	0.9975	89.18
28.5	93,273,722	124,313	0.0013	0.9987	88.96
29.5	90,603,464	189,397	0.0021	0.9979	88.84
30.5	86,648,715	143,957	0.0017	0.9983	88.65
31.5	85,845,839	188,402	0.0022	0.9978	88.51
32.5	85,531,574	204,932	0.0024	0.9976	88.31
33.5	84,244,025	446,329	0.0053	0.9947	88.10
34.5	83,221,840	1,503,549	0.0181	0.9819	87.63
35.5	81,310,268	210,563	0.0026	0.9974	86.05
36.5	81,024,730	2,896,202	0.0357	0.9643	85.83
37.5	78,128,482	702,730	0.0090	0.9910	82.76
38.5	77,089,652	1,081,850	0.0140	0.9860	82.01



## ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1920-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	75,875,332	217,377	0.0029	0.9971	80.86
40.5	62,330,235	81,359	0.0013	0.9987	80.63
41.5	61,067,487	1,000,249	0.0164	0.9836	80.53
42.5	59,843,839	164,414	0.0027	0.9973	79.21
43.5	51,904,897	534,862	0.0103	0.9897	78.99
44.5	36,628,223	145,200	0.0040	0.9960	78.18
45.5	36,387,387	15,794	0.0004	0.9996	77.87
46.5	29,869,234	1,671,999	0.0560	0.9440	77.83
47.5	22,038,429	116,198	0.0053	0.9947	73.48
48.5	18,610,445	163,291	0.0088	0.9912	73.09
49.5	18,411,454	143,904	0.0078	0.9922	72.45
50.5	15,283,999	54,354	0.0036	0.9964	71.88
51.5	15,212,506	1,103,777	0.0726	0.9274	71.63
52.5	10,473,667	5,898	0.0006	0.9994	66.43
53.5	8,278,645	11,966	0.0014	0.9986	66.39
54.5	8,212,674	2,795	0.0003	0.9997	66.29
55.5	8,187,048	2,124	0.0003	0.9997	66.27
56.5	8,175,119		0.0000	1.0000	66.26
57.5	8,144,531	7,464	0.0009	0.9991	66.26
58.5	8,128,944	31,645	0.0039	0.9961	66.19
59.5	8,052,447	30,372	0.0038	0.9962	65.94
60.5	5,771,160	5	0.0000	1.0000	65.69
61.5	5,390,457		0.0000	1.0000	65.69
62.5	3,464,671		0.0000	1.0000	65.69
63.5	333,907		0.0000	1.0000	65.69
64.5	333,442		0.0000	1.0000	65.69
65.5	332,267		0.0000	1.0000	65.69
66.5	329,960		0.0000	1.0000	65.69
67.5	111,651		0.0000	1.0000	65.69
68.5	111,468		0.0000	1.0000	65.69
69.5	106,783		0.0000	1.0000	65.69
70.5	106,727		0.0000	1.0000	65.69
71.5	106,727		0.0000	1.0000	65.69
72.5	106,727		0.0000	1.0000	65.69
73.5	106,727		0.0000	1.0000	65.69
74.5	106,525		0.0000	1.0000	65.69
75.5	101,551		0.0000	1.0000	65.69
76.5	101,551		0.0000	1.0000	65.69
77.5	101,551	4.0 =	0.0000	1.0000	65.69
78.5	101,551	407	0.0040	0.9960	65.69

## ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT 1	BAND 1920-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	101,144	5,474	0.0541	0.9459	65.42
80.5	61,742	8,344	0.1352	0.8648	61.88
81.5	542		0.0000	1.0000	53.52
82.5	542		0.0000	1.0000	53.52
83.5	542		0.0000	1.0000	53.52
84.5	542		0.0000	1.0000	53.52
85.5	7		0.0000	1.0000	53.52
86.5	7		0.0000	1.0000	53.52
87.5	7		0.0000	1.0000	53.52
88.5					53.52

#### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1923-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5	68,530,750 59,328,355 54,239,620 52,622,135 47,661,250	17,525 74,849 69,217	0.0000 0.0003 0.0000 0.0014 0.0015	1.0000 0.9997 1.0000 0.9986 0.9985	100.00 100.00 99.97 99.97 99.83
4.5 5.5 6.5 7.5 8.5	46,748,131 42,367,337 33,003,366 23,412,860 27,309,899	71,489 392,271 318,072 496,388	0.0000 0.0017 0.0119 0.0136 0.0182	1.0000 0.9983 0.9881 0.9864 0.9818	99.68 99.68 99.52 98.33 97.00
9.5 10.5 11.5 12.5	31,160,873 34,605,916 31,051,385 33,595,721	148,796 196,433 397,257 161,861	0.0048 0.0057 0.0128 0.0048	0.9952 0.9943 0.9872 0.9952	95.23 94.78 94.24 93.03
13.5 14.5 15.5 16.5 17.5 18.5	34,705,395 35,114,008 33,623,465 33,222,948 32,874,007 32,696,126	320 121,760 320,167 126,446 122,412 217,433	0.0000 0.0035 0.0095 0.0038 0.0037 0.0067	1.0000 0.9965 0.9905 0.9962 0.9963 0.9933	92.59 92.59 92.26 91.39 91.04 90.70
19.5 20.5 21.5 22.5 23.5	31,202,152 47,620,366 47,903,905 47,674,124 51,511,510	31,844 16,554 143,207 66,984 32,437	0.0010 0.0003 0.0030 0.0014 0.0006	0.9990 0.9997 0.9970 0.9986 0.9994	90.10 90.00 89.97 89.70 89.58
24.5 25.5 26.5 27.5 28.5	66,139,824 64,166,104 67,434,069 76,256,340 67,398,463	62,463 283,624 117,831 233,231 25,668	0.0009 0.0044 0.0017 0.0031 0.0004	0.9991 0.9956 0.9983 0.9969	89.52 89.44 89.04 88.89 88.61
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	65,239,101 64,885,332 64,284,606 68,476,057 67,347,648 70,256,576 68,930,735 68,666,913 65,993,963 65,398,315	13,984 54,975 186,735 97,697 1,024,061 209,553 2,704,968 323,479 888,183	0.0000 0.0002 0.0009 0.0027 0.0015 0.0146 0.0030 0.0394 0.0049 0.0136	1.0000 0.9998 0.9991 0.9973 0.9985 0.9854 0.9970 0.9606 0.9951 0.9864	88.58 88.56 88.49 88.24 88.12 86.83 86.57 83.16 82.75



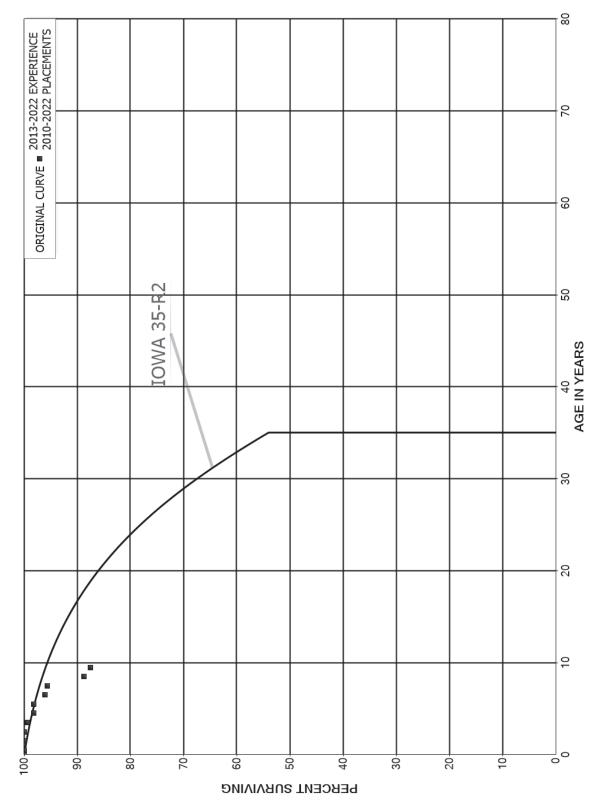
## ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1923-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	64,383,121 50,867,908 50,611,570 50,829,174 44,003,927 30,334,737 30,156,224 24,450,405 16,619,875 14,507,979	217,376 70,558 789,297 125,622 534,209 123,029 15,794 1,671,724 116,198 163,291	0.0034 0.0014 0.0156 0.0025 0.0121 0.0041 0.0005 0.0684 0.0070 0.0113	0.9966 0.9986 0.9844 0.9975 0.9879 0.9959 0.9995 0.9316 0.9930 0.9887	81.63 81.35 81.24 79.97 79.77 78.81 78.49 78.44 73.08 72.57
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	15,892,592 12,770,822 13,196,023 9,525,172 7,911,116 7,845,290 7,819,794 7,815,287 7,787,007 7,996,349	143,904 54,354 1,100,505 5,898 11,966 2,795 850 845 5,731	0.0091 0.0043 0.0834 0.0006 0.0015 0.0004 0.0001 0.0000 0.0001	0.9909 0.9957 0.9166 0.9994 0.9985 0.9996 0.9999 1.0000 0.9999	71.75 71.10 70.80 64.90 64.86 64.76 64.73 64.73 64.73
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	7,945,948 5,669,346 5,389,712 3,463,927 333,162 332,698 331,725 329,418 111,109 110,926	30,372	0.0038 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9962 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	64.67 64.43 64.43 64.43 64.43 64.43 64.43 64.43
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	106,241 106,185 106,185 106,185 106,185 105,983 101,009 101,544 101,544	407	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9960	64.43 64.43 64.43 64.43 64.43 64.43 64.43 64.43

## ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT 1	BAND 1923-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	101,144	5,474	0.0541	0.9459	64.17
80.5	61,742	8,344	0.1352	0.8648	60.70
81.5	542		0.0000	1.0000	52.49
82.5	542		0.0000	1.0000	52.49
83.5	542		0.0000	1.0000	52.49
84.5	542		0.0000	1.0000	52.49
85.5	7		0.0000	1.0000	52.49
86.5	7		0.0000	1.0000	52.49
87.5	7		0.0000	1.0000	52.49
88.5					52.49

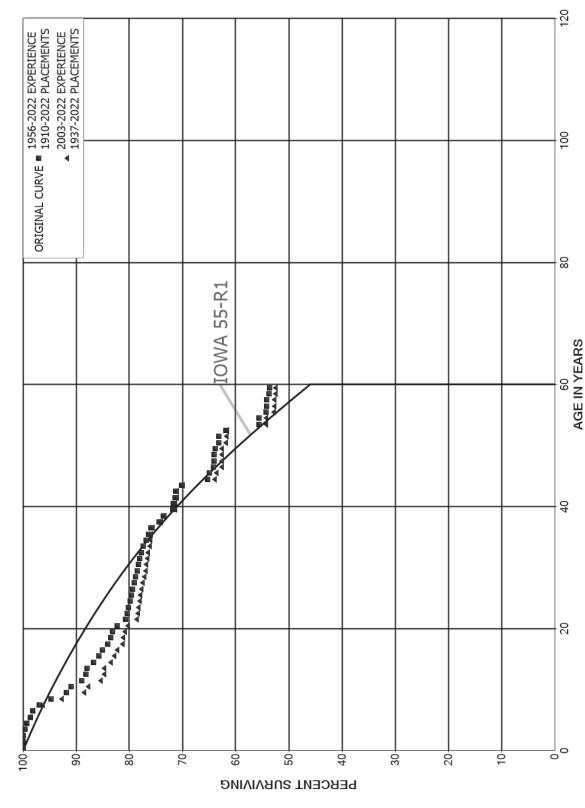
ACCOUNT 315.20 ACCESSORY ELECTRIC EQUIPMENT - EDWARDSPORT IGCC ORIGINAL AND SMOOTH SURVIVOR CURVES DUKE ENERGY INDIANA



## ACCOUNT 315.20 ACCESSORY ELECTRIC EQUIPMENT - EDWARDSPORT IGCC

PLACEMENT BAND 2010-2022 EXPERIENCE BAND				ID 2013-2022	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	49,338,671 49,298,547 49,097,741 44,999,639 44,683,801 42,952,696 42,952,696 41,721,587 40,872,690 37,683,632	283,992 558,622 899,060 215,727 2,929,811 519,449	0.0000 0.0000 0.0000 0.0063 0.0125 0.0000 0.0209 0.0052 0.0717 0.0138	1.0000 1.0000 0.9937 0.9875 1.0000 0.9791 0.9948 0.9283 0.9862	100.00 100.00 100.00 100.00 99.37 98.13 98.13 96.07 95.58 88.72
9.5					87.50

DUKE ENERGY INDIANA ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT 1	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	207,881,829 182,963,559 183,104,244 182,972,327 179,491,941 173,299,710 155,083,560 152,515,559 146,691,892 140,661,663	67,310 36,438 101,038 478,107 643,636 1,176,993 648,035 1,966,924 3,404,966 4,276,063	0.0003 0.0002 0.0006 0.0026 0.0036 0.0068 0.0042 0.0129 0.0232 0.0304	0.9997 0.9998 0.9994 0.9974 0.9964 0.9932 0.9958 0.9871 0.9768 0.9696	100.00 99.97 99.95 99.89 99.63 99.27 98.60 98.19 96.92 94.67
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	134,837,659 129,848,104 125,007,033 117,933,970 115,177,582 110,302,002 105,746,006 100,799,090 92,884,030 81,459,401	1,203,311 2,975,369 997,175 290,205 1,601,502 1,319,181 724,447 1,292,789 532,090 353,970	0.0089 0.0229 0.0080 0.0025 0.0139 0.0120 0.0069 0.0128 0.0057 0.0043	0.9911 0.9771 0.9920 0.9975 0.9861 0.9880 0.9931 0.9872 0.9943 0.9957	91.79 90.97 88.89 88.18 87.96 86.74 85.70 85.12 84.02 83.54
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	80,785,454 77,892,499 74,010,066 71,858,665 60,828,308 58,116,485 56,096,864 50,792,134 48,515,735 39,662,446	829,986 1,487,488 332,575 173,497 258,636 183,691 182,670 154,939 197,331 144,305	0.0103 0.0191 0.0045 0.0024 0.0043 0.0032 0.0033 0.0031 0.0041 0.0036	0.9897 0.9809 0.9955 0.9976 0.9957 0.9968 0.9967 0.9969 0.9959	83.18 82.33 80.75 80.39 80.20 79.86 79.60 79.34 79.10 78.78
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	29,584,508 26,100,290 14,120,544 13,246,061 12,043,339 11,314,607 10,606,744 10,104,142 9,516,751 9,138,630	93,821 78,130 51,499 58,732 79,015 67,193 70,699 206,345 91,876 226,361	0.0032 0.0030 0.0036 0.0044 0.0066 0.0059 0.0067 0.0204 0.0097	0.9968 0.9970 0.9964 0.9956 0.9934 0.9941 0.9933 0.9796 0.9903	78.49 78.24 78.01 77.73 77.38 76.87 76.42 75.91 74.36 73.64

#### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT 1	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	8,044,450 6,415,019 5,630,072 5,261,647 4,359,918 3,024,085 2,731,774 2,557,888 2,381,644 1,984,622	14,946 23,778 13,365 75,805 304,536 16,523 34,396 2,042 1,715 5,571	0.0019 0.0037 0.0024 0.0144 0.0698 0.0055 0.0126 0.0008 0.0007	0.9981 0.9963 0.9976 0.9856 0.9302 0.9945 0.9874 0.9992 0.9993 0.9972	71.82 71.68 71.42 71.25 70.22 65.32 64.96 64.14 64.09 64.04
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	1,865,364 1,499,003 1,446,024 988,781 708,704 688,091 660,201 644,332 612,934 565,049	21,061 528 29,947 99,234 357 15,654 1,876 213 5,348	0.0113 0.0004 0.0207 0.1004 0.0005 0.0228 0.0028 0.0003 0.0087 0.0015	0.9887 0.9996 0.9793 0.8996 0.9995 0.9772 0.9972 0.9997 0.9913 0.9985	63.86 63.14 63.12 61.81 55.61 55.58 54.32 54.16 54.15 53.67
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	543,060 496,611 445,286 334,603 133,239 122,920 109,273 105,435 80,133 73,748	4,277 316 18 4,934 790 1,371	0.0079 0.0000 0.0007 0.0000 0.0001 0.0401 0.0072 0.0130 0.0000 0.0047	0.9921 1.0000 0.9993 1.0000 0.9999 0.9599 0.9928 0.9870 1.0000 0.9953	53.59 53.17 53.17 53.13 53.13 53.12 50.99 50.62 49.96 49.96
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	71,796 67,975 57,177 44,422 43,093 41,296 9,588 8,768 3,670 3,253	218 31 84	0.0030 0.0005 0.0015 0.0000 0.0000 0.0000 0.0000 0.0000 0.1864	0.9970 0.9995 0.9985 1.0000 1.0000 1.0000 1.0000 1.0000 0.8136	49.73 49.58 49.56 49.48 49.48 49.48 49.48 49.48 49.48



## ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT BAND 1910-2022 EXPERIENCE BAND 195					
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5	1,570 1,570 1,428 855 811 682	141	0.0000 0.0900 0.0000 0.0000 0.0000	1.0000 0.9100 1.0000 1.0000 1.0000	40.26 40.26 36.64 36.64 36.64 36.64

#### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

#### ORIGINAL LIFE TABLE

PLACEMENT BAND 1937-2022 EXPERIENCE BAND 2003-2022 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF AGE INTERVAL INTERVAL INTERVAL RATIO RATIO INTERVAL 103,606,494 24,306 0.0002 0.9998 100.00 0.0 0.5 83,011,476 0.0000 1.0000 99.98 86,475,857 1.5 68,528 0.0008 0.9992 99.98 2.5 90,146,497 235,379 0.0026 0.9974 99.90 3.5 89,878,705 472,734 0.0053 0.9947 99.64 0.0062 4.5 86,942,339 538,952 99.11 0.9938 5.5 71,608,635 287,608 0.0040 0.9960 98.50 6.5 75,413,516 1,494,144 0.0198 0.9802 98.10 2,688,010 0.0369 96.16 7.5 72,861,188 0.9631 80,560,334 3,627,445 92.61 8.5 0.0450 0.9550 9.5 97,763,765 920,413 0.0094 0.9906 88.44 10.5 96,770,856 2,584,835 0.0267 0.9733 87.61 104,881,904 793,866 11.5 0.0076 0.9924 85.27 12.5 99,387,198 69,551 0.0007 0.9993 84.62 13.5 98,368,980 1,376,251 0.0140 0.9860 84.56 14.5 94,673,747 803,283 0.0085 0.9915 83.38 15.5 91,562,648 504,597 0.0055 0.9945 82.67 87,583,347 16.5 1,099,086 0.0125 0.9875 82.22 17.5 80,348,521 164,360 0.0020 0.9980 81.19 18.5 69,407,116 225,930 0.0033 0.9967 81.02 19.5 69,696,847 504,074 0.0072 0.9928 80.76 20.5 69,032,457 1,420,736 0.0206 0.9794 80.17 21.5 66,181,960 166,223 0.0025 0.9975 78.52 22.5 64,678,383 93,055 0.0014 0.9986 78.32 23.5 54,643,485 146,102 0.0027 0.9973 78.21 24.5 0.9980 78.00 53,241,324 108,938 0.0020 25.5 51,673,888 164,421 77.84 0.0032 0.9968 26.5 46,641,912 123,197 77.60 0.0026 0.9974 45,222,825 27.5 177,560 0.0039 0.9961 77.39 28.5 36,703,970 110,259 0.0030 0.9970 77.09 29.5 26,798,855 64,337 0.0024 76.86 0.9976 30.5 23,778,934 42,444 0.0018 76.67 0.9982 31.5 11,924,333 26,994 0.0023 76.53 0.9977 32.5 11,633,161 45,051 0.0039 76.36 0.9961 33.5 10,546,144 12,442 0.0012 0.9988 76.06 34.5 10,046,023 17,158 0.0017 0.9983 75.98 35.5 9,433,584 36,329 0.0039 0.9961 75.85 75.55 8,985,553 192,015 0.0214 36.5 0.9786 37.5 8,425,604 72,051 0.0086 0.9914 73.94 38.5 217,847 0.0269 8,101,403 0.9731 73.31



#### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT I	BAND 1937-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5	7,029,775 5,417,663 4,653,947 4,357,852 3,490,278 2,345,773 2,088,912 1,937,368 1,773,294	7,921 20,310 67,855 302,574 11,320 32,944	0.0011 0.0037 0.0000 0.0156 0.0867 0.0048 0.0158 0.0000	0.9989 0.9963 1.0000 0.9844 0.9133 0.9952 0.9842 1.0000	71.34 71.25 70.99 70.99 69.88 63.82 63.52 62.51
48.5 49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	1,410,614  1,402,867  1,051,250  1,034,819  825,701  622,065  605,446  610,627  600,143  573,796  555,037	46  18,763 235 2,422 98,764  15,464 1,801 188 2,850	0.0000 0.0134 0.0002 0.0023 0.1196 0.0000 0.0255 0.0029 0.0003 0.0050 0.0000	1.0000 0.9866 0.9998 0.9977 0.8804 1.0000 0.9745 0.9971 0.9997 0.9950 1.0000	62.51 62.51 61.68 61.66 61.52 54.16 54.16 52.78 52.62 52.60 52.34
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	535,444 489,302 438,293 328,574 128,677 118,653 109,204 105,366 80,102 73,717	4,277 194 18 4,934 790 1,333	0.0080 0.0000 0.0004 0.0000 0.0001 0.0416 0.0072 0.0126 0.0000 0.0047	0.9920 1.0000 0.9996 1.0000 0.9999 0.9584 0.9928 0.9874 1.0000 0.9953	52.34 51.93 51.90 51.90 51.89 49.74 49.38 48.75 48.75
69.5 70.5 71.5 72.5 73.5	71,765 67,944 57,177 44,422 43,093	218 84	0.0030 0.0000 0.0015 0.0000	0.9970 1.0000 0.9985 1.0000	48.52 48.38 48.38 48.31 48.31

74.5

75.5

76.5

77.5

78.5

41,296

9,588

8,768

3,670

3,253

48.31

48.31

48.31

48.31

48.31

606

0.0000

0.0000

0.0000

0.0000

0.1864

1.0000

1.0000

1.0000

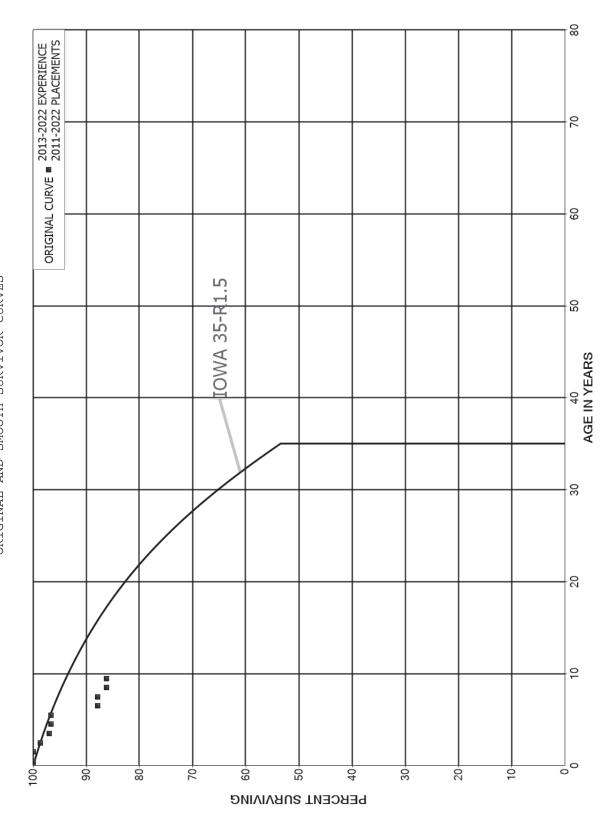
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## ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT BAND 1937-2022 EXPERIENCE BAND 2003-2					
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5	1,570 1,570 1,428 855 811 682	141	0.0000 0.0900 0.0000 0.0000 0.0000	1.0000 0.9100 1.0000 1.0000 1.0000	39.30 39.30 35.76 35.76 35.76 35.76

ACCOUNT 316.20 MISCELLANEOUS POWER PLANT EQUIPMENT - EDWARDSPORT IGCC ORIGINAL AND SMOOTH SURVIVOR CURVES DUKE ENERGY INDIANA



ACCOUNT 316.20 MISCELLANEOUS POWER PLANT EQUIPMENT - EDWARDSPORT IGCC

PLACEMENT	BAND 2011-2022		EXPE	RIENCE BAN	D 2013-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	19,868,550		0.0000	1.0000	100.00
0.5	18,482,822	18,217	0.0010	0.9990	100.00
1.5	18,406,614	239,120	0.0130	0.9870	99.90
2.5	17,732,274	297,624	0.0168	0.9832	98.60
3.5	15,174,062	54,952	0.0036	0.9964	96.95
4.5	14,413,291		0.0000	1.0000	96.60
5.5	5,991,846	542,484	0.0905	0.9095	96.60
6.5	4,764,541		0.0000	1.0000	87.85
7.5	4,260,584	80,999	0.0190	0.9810	87.85
8.5	3,980,758		0.0000	1.0000	86.18
9.5					86.18

140

ORIGINAL CURVE ■ 1967-2022 EXPERIENCE 1967-2022 PLACEMENTS IOWA 110-R3 120 100 ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS ORIGINAL AND SMOOTH SURVIVOR CURVES DUKE ENERGY INDIANA AGE IN YEARS 9 20 J<sub>0</sub> 1001 5 30-9 8 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

A GANNETT FLEMING

## ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

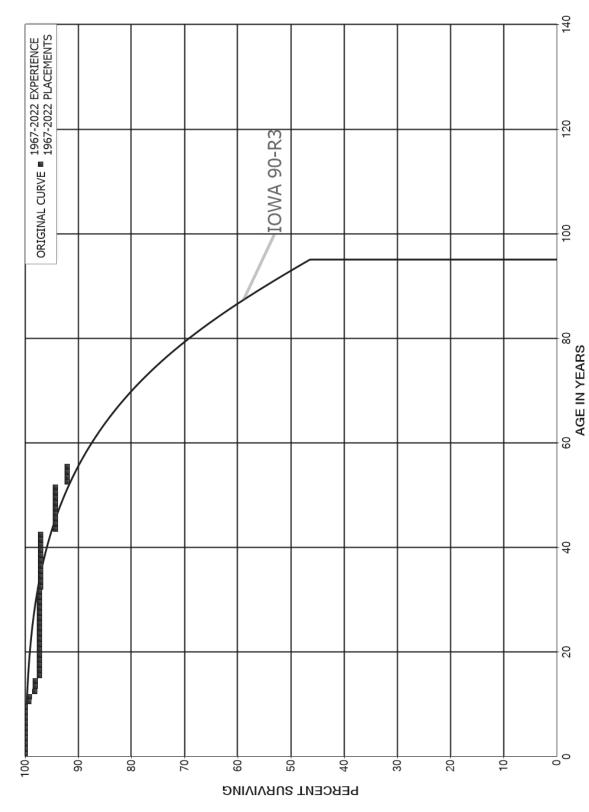
PLACEMENT	BAND 1967-2022		EXPER	RIENCE BAN	D 1967-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	4,305,971 4,250,223 4,250,223 4,250,223 4,216,352 4,216,352 3,982,697 3,982,697 3,768,099 3,768,099		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	3,768,099 3,768,099 3,264,083 3,264,083 3,264,083 3,259,852 3,259,852 3,171,240 3,171,240	2,800	0.0000 0.0007 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9993 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 99.93 99.93 99.93 99.93 99.93 99.93 99.93
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	3,171,240 3,171,240 3,171,240 3,171,240 3,044,592 3,044,592 2,749,759 2,615,334 2,500,512 2,500,512		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.93 99.93 99.93 99.93 99.93 99.93 99.93 99.93
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,500,512 2,414,743 2,414,743 2,355,410 2,355,410 2,348,373 2,327,208 2,327,208 2,327,208 2,327,208	59,333 21,165	0.0000 0.0000 0.0246 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.9754 1.0000 1.0000 0.9910 1.0000 1.0000	99.93 99.93 99.93 97.47 97.47 96.59 96.59 96.59



## ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1967-2022		EXPER	RIENCE BAN	D 1967-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	2,326,407		0.0000	1.0000	96.59
40.5	2,326,407		0.0000	1.0000	96.59
41.5	2,310,420		0.0000	1.0000	96.59
42.5	2,309,873		0.0000	1.0000	96.59
43.5	2,309,873		0.0000	1.0000	96.59
44.5	2,309,155		0.0000	1.0000	96.59
45.5	2,309,155		0.0000	1.0000	96.59
46.5	2,309,155		0.0000	1.0000	96.59
47.5	2,309,155		0.0000	1.0000	96.59
48.5	2,303,135		0.0000	1.0000	96.59
49.5	2,302,229	21,576	0.0094	0.9906	96.59
50.5	2,280,653	18,839	0.0083	0.9917	95.69
51.5	2,261,814		0.0000	1.0000	94.90
52.5	2,261,814	4,033	0.0018	0.9982	94.90
53.5	2,257,781		0.0000	1.0000	94.73
54.5	2,257,781	5,336	0.0024	0.9976	94.73
55.5					94.50

DUKE ENERGY INDIANA ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS ORIGINAL AND SMOOTH SURVIVOR CURVES



#### ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

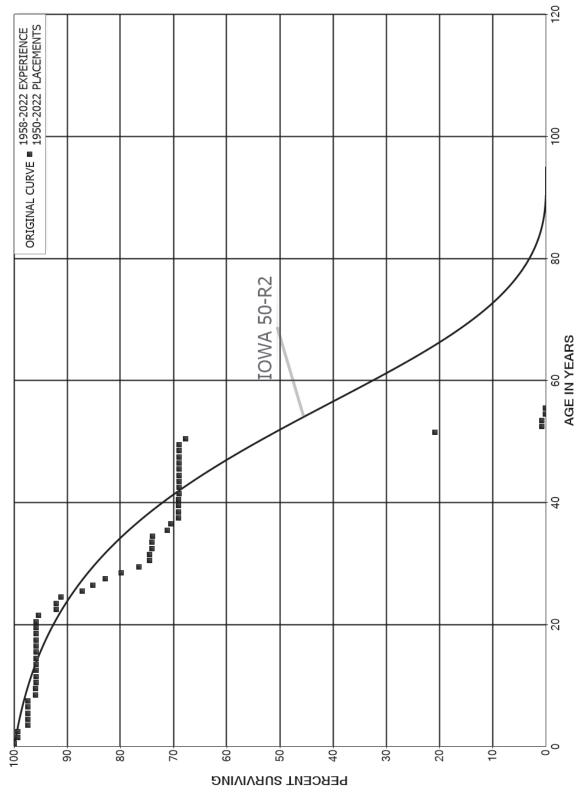
PLACEMENT	BAND 1967-2022		EXPER	RIENCE BAN	D 1967-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5	17,377,190 16,958,021 16,958,021 16,958,021 16,956,200 16,951,431 14,848,494 14,848,494	4,769 4,423 948	0.0000 0.0000 0.0000 0.0000 0.0003 0.0003 0.0000 0.0001	1.0000 1.0000 1.0000 1.0000 0.9997 0.9997 1.0000 0.9999	100.00 100.00 100.00 100.00 100.00 99.97 99.95 99.95
8.5 9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	14,847,447 14,847,447 14,747,305 14,699,738 14,553,413 14,512,296 12,402,872 12,021,695 11,978,502 11,977,502 11,977,501	100,142 15,084 144,517 21,584 92,287 0	0.0000 0.0067 0.0010 0.0098 0.0015 0.0000 0.0074 0.0000 0.0000 0.0000 0.0000	1.0000 0.9933 0.9990 0.9902 0.9985 1.0000 0.9926 1.0000 1.0000 1.0000	99.94 99.94 99.27 99.16 98.19 98.04 97.31 97.31 97.31
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	11,971,958 11,966,748 11,966,748 11,958,842 11,958,842 11,932,555 11,932,555 11,174,684 11,174,684 11,174,684		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	97.31 97.31 97.31 97.31 97.31 97.31 97.31 97.31 97.31
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	11,174,684 11,174,684 11,174,684 11,146,856 11,146,856 11,146,856 11,145,029 11,145,029 11,145,029	27,828 1,827	0.0000 0.0000 0.0025 0.0000 0.0000 0.0000 0.0002 0.0000 0.0000	1.0000 1.0000 0.9975 1.0000 1.0000 0.9998 1.0000 1.0000	97.31 97.31 97.31 97.07 97.07 97.07 97.06 97.06 97.06



## ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

PLACEMENT	EXPERIENCE BAND 1967-2022				
AGE AT	EXPOSURES AT	RETIREMENTS		GLIDI <i>I</i>	PCT SURV
BEGIN OF INTERVAL	BEGINNING OF AGE INTERVAL	DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	BEGIN OF INTERVAL
INIERVAL	AGE INTERVAL	INIERVAL	RATIO	RATIO	INIERVAL
39.5	11,145,029		0.0000	1.0000	97.06
40.5	11,145,029		0.0000	1.0000	97.06
41.5	11,145,029		0.0000	1.0000	97.06
42.5	11,145,029	318,171	0.0285	0.9715	97.06
43.5	10,826,858		0.0000	1.0000	94.28
44.5	10,826,858		0.0000	1.0000	94.28
45.5	10,826,858		0.0000	1.0000	94.28
46.5	10,826,858		0.0000	1.0000	94.28
47.5	10,826,858		0.0000	1.0000	94.28
48.5	10,826,858		0.0000	1.0000	94.28
49.5	10,826,858		0.0000	1.0000	94.28
50.5	10,826,858		0.0000	1.0000	94.28
51.5	10,826,858	256,103	0.0237	0.9763	94.28
52.5	10,570,756	220	0.0000	1.0000	92.05
53.5	10,570,535		0.0000	1.0000	92.05
54.5	10,570,535		0.0000	1.0000	92.05
55.5					92.05

TURBINES AND GENERATORS ORIGINAL AND SMOOTH SURVIVOR CURVES DUKE ENERGY INDIANA ACCOUNT 333.00 WATER WHEELS,



## ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

PLACEMENT	EXPERIENCE BAND 1958-2022				
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5	133,708,445 133,705,990 92,512,108	941,669	0.0000 0.0070 0.0000	1.0000 0.9930 1.0000	100.00 100.00 99.30
2.5 3.5 4.5	55,085,293 54,023,197 8,284,179	1,059,682	0.0192 0.0000 0.0000	0.9808 1.0000 1.0000	99.30 97.39 97.39
5.5 6.5 7.5 8.5	8,023,655 8,023,655 8,144,632 8,023,655	120,977	0.0000 0.0000 0.0149 0.0000	1.0000 1.0000 0.9851 1.0000	97.39 97.39 97.39 95.94
9.5 10.5	8,023,655 8,012,131	11,524	0.0014	0.9986 1.0000	95.94 95.80
11.5 12.5 13.5 14.5	8,012,131 7,901,406 7,901,406 7,901,406		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	95.80 95.80 95.80 95.80
15.5 16.5 17.5	7,888,011 7,888,011 7,888,011		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	95.80 95.80 95.80
18.5 19.5	7,888,011 7,854,933		0.0000	1.0000	95.80 95.80
20.5 21.5 22.5	7,627,209 7,278,240 6,639,561	31,925 255,923	0.0042 0.0352 0.0000	0.9958 0.9648 1.0000	95.80 95.40 92.05
23.5 24.5 25.5	6,615,944 6,504,632 6,218,335	64,894 286,297 140,271	0.0098 0.0440 0.0226	0.9902 0.9560 0.9774	92.05 91.14 87.13
26.5 27.5 28.5	6,078,065 5,910,031 5,697,234	168,034 212,797 233,859	0.0276 0.0360 0.0410	0.9724 0.9640 0.9590	85.17 82.81 79.83
29.5 30.5 31.5	5,463,375 5,314,809 5,314,809	148,566 31,925	0.0272 0.0000 0.0060	0.9728 1.0000 0.9940	76.55 74.47 74.47
32.5 33.5 34.5	5,282,884 5,282,884 5,281,016	1,868 199,228	0.0000 0.0004 0.0377	1.0000 0.9996 0.9623	74.02 74.02 74.00
35.5 36.5 37.5	5,081,788 5,030,236 4,932,829	51,552 97,407	0.0101 0.0194 0.0000	0.9899 0.9806 1.0000	71.21 70.48 69.12
38.5	4,932,829	1,550	0.0003	0.9997	69.12

## ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

PLACEMENT	BAND 1950-2022		EXPER	RIENCE BAN	D 1958-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	4,931,279	1,778	0.0004	0.9996	69.10
40.5	4,929,501	7,475	0.0015	0.9985	69.07
41.5	4,922,026		0.0000	1.0000	68.97
42.5	4,922,026		0.0000	1.0000	68.97
43.5	4,922,026		0.0000	1.0000	68.97
44.5	4,922,026		0.0000	1.0000	68.97
45.5	4,922,026		0.0000	1.0000	68.97
46.5	4,922,026		0.0000	1.0000	68.97
47.5	4,922,026		0.0000	1.0000	68.97
48.5	4,922,026		0.0000	1.0000	68.97
49.5	4,922,026	91,512	0.0186	0.9814	68.97
50.5	4,830,514	3,340,280	0.6915	0.3085	67.69
51.5	1,490,234	1,437,741	0.9648	0.0352	20.88
52.5	52,493	313	0.0060	0.9940	0.74
53.5	52,180	48,136	0.9225	0.0775	0.73
54.5	4,044		0.0000	1.0000	0.06
55.5					0.06

ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1950-2020 PLACEMENTS 100 ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT 8 ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 50-R2 DUKE ENERGY INDIANA AGE IN YEARS 40 20 J<sub>0</sub> 5 30-9 8 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

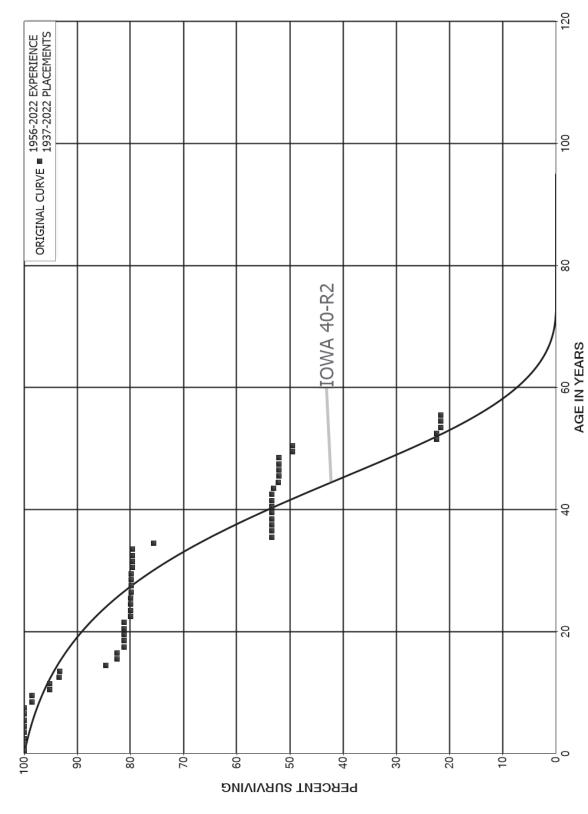
## ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1950-2020		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	10,805,057	361,580	0.0000	1.0000	100.00
0.5	10,805,057		0.0335	0.9665	100.00
1.5	10,443,477		0.0000	1.0000	96.65
2.5	8,604,173		0.0000	1.0000	96.65
3.5	4,364,957	164,609	0.0377	0.9623	96.65
4.5	815,780		0.0000	1.0000	93.01
5.5	837,829		0.0000	1.0000	93.01
6.5	837,829	18,884	0.0000	1.0000	93.01
7.5	766,956		0.0246	0.9754	93.01
8.5	748,072		0.0000	1.0000	90.72
9.5	748,072		0.0000	1.0000	90.72
10.5	748,072		0.0000	1.0000	90.72
11.5	748,072		0.0000	1.0000	90.72
12.5	748,072		0.0000	1.0000	90.72
13.5	748,072		0.0000	1.0000	90.72
14.5	748,072		0.0000	1.0000	90.72
15.5	748,072		0.0000	1.0000	90.72
16.5	748,072		0.0000	1.0000	90.72
17.5	725,598		0.0000	1.0000	90.72
18.5	714,797	5,885	0.0000	1.0000	90.72
19.5	714,797		0.0000	1.0000	90.72
20.5	714,797		0.0082	0.9918	90.72
21.5	702,332	3,003	0.0000	1.0000	89.97
22.5	702,332		0.0000	1.0000	89.97
23.5	702,332		0.0000	1.0000	89.97
24.5	702,332	14,837	0.0211	0.9789	89.97
25.5	687,496		0.0000	1.0000	88.07
26.5	687,496		0.0000	1.0000	88.07
27.5	687,496	1,702	0.0000	1.0000	88.07
28.5	687,496		0.0025	0.9975	88.07
29.5	685,794	38,786	0.0000	1.0000	87.85
30.5	685,794		0.0000	1.0000	87.85
31.5	685,794		0.0566	0.9434	87.85
32.5	647,008	11,634	0.0000	1.0000	82.88
33.5	647,008		0.0180	0.9820	82.88
34.5	635,374		0.0000	1.0000	81.39
35.5 36.5 37.5 38.5	635,374 635,374 634,135 499,667	1,238 134,468	0.0000 0.0019 0.2120 0.0000	1.0000 0.9981 0.7880 1.0000	81.39 81.39 81.24 64.01

## ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT BAND 1950-2020 EXPERIE					D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	499,667		0.0000	1.0000	64.01
40.5	499,667	1,735	0.0035	0.9965	64.01
41.5	497,931		0.0000	1.0000	63.79
42.5	497,931		0.0000	1.0000	63.79
43.5	497,931		0.0000	1.0000	63.79
44.5	497,931		0.0000	1.0000	63.79
45.5	497,931		0.0000	1.0000	63.79
46.5	497,931	14,149	0.0284	0.9716	63.79
47.5	483,782	6,057	0.0125	0.9875	61.97
48.5	477,725	8,826	0.0185	0.9815	61.20
49.5	468,899	7,434	0.0159	0.9841	60.07
50.5	461,466	290,892	0.6304	0.3696	59.12
51.5	170,573		0.0000	1.0000	21.85
52.5	170,573	99,886	0.5856	0.4144	21.85
53.5	70,688		0.0000	1.0000	9.06
54.5	70,688		0.0000	1.0000	9.06
55.5					9.06

DUKE ENERGY INDIANA ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT I	BAND 1937-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5	1,916,115 1,912,538 1,912,538 1,911,743 1,462,797 1,015,292 1,034,300	795	0.0000 0.0000 0.0004 0.0000 0.0000 0.0000	1.0000 1.0000 0.9996 1.0000 1.0000 1.0000	100.00 100.00 100.00 99.96 99.96 99.96
6.5 7.5 8.5	864,570 864,570 852,405	12,455	0.0000 0.0144 0.0000	1.0000 0.9856 1.0000	99.96 99.96 98.52
9.5 10.5 11.5	852,405 782,483 619,847	28,997 11,679	0.0340 0.0000 0.0188	0.9660 1.0000 0.9812	98.52 95.17 95.17
12.5 13.5 14.5 15.5	608,168 595,382 524,538 511,936	547 55,589 12,601	0.0009 0.0934 0.0240 0.0000	0.9991 0.9066 0.9760 1.0000	93.37 93.29 84.58 82.55
16.5 17.5 18.5	499,757 491,531 478,010	8,226 10	0.0165 0.0000 0.0000	0.9835 1.0000 1.0000	82.55 81.19 81.19
19.5 20.5 21.5 22.5 23.5	478,000 472,053 419,042 412,925 198,853	6,117	0.0000 0.0000 0.0146 0.0000 0.0000	1.0000 1.0000 0.9854 1.0000 1.0000	81.19 81.19 81.19 80.00 80.00
24.5 25.5 26.5 27.5 28.5	189,726 189,726 189,332 189,332 189,298	394 34	0.0000 0.0021 0.0000 0.0002 0.0000	1.0000 0.9979 1.0000 0.9998 1.0000	80.00 80.00 79.84 79.84 79.82
29.5 30.5 31.5 32.5 33.5 34.5 35.5	189,298 188,937 188,906 186,669 186,498 177,195 124,945	361 31 171 9,304 51,945 48	0.0019 0.0002 0.0000 0.0009 0.0499 0.2932 0.0004	0.9981 0.9998 1.0000 0.9991 0.9501 0.7068 0.9996 1.0000	79.82 79.67 79.66 79.66 79.58 75.61 53.45 53.43
37.5 38.5	124,897 124,897		0.0000	1.0000	53.43 53.43



## ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT	EXPER	RIENCE BAN	D 1956-2022		
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	124,897	62	0.0005	0.9995	53.43
40.5	122,104		0.0000	1.0000	53.40
41.5	111,209	75	0.0007	0.9993	53.40
42.5	109,334	684	0.0063	0.9937	53.36
43.5	106,977	1,726	0.0161	0.9839	53.03
44.5	102,512	119	0.0012	0.9988	52.17
45.5	102,393		0.0000	1.0000	52.11
46.5	102,393		0.0000	1.0000	52.11
47.5	101,570		0.0000	1.0000	52.11
48.5	100,744	5,097	0.0506	0.9494	52.11
49.5	95,647		0.0000	1.0000	49.48
50.5	95,647	52,262	0.5464	0.4536	49.48
51.5	42,072		0.0000	1.0000	22.44
52.5	42,072	1,515	0.0360	0.9640	22.44
53.5	40,557		0.0000	1.0000	21.63
54.5	39,664	14	0.0004	0.9996	21.63
55.5					21.63

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AGE IN YEARS

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ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1924-2022 PLACEMENTS ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS ORIGINAL AND SMOOTH SURVIVOR CURVES OWA 50-R3 DUKE ENERGY INDIANA

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РЕВСЕИТ ЗИВУІУІИС

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## ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1924-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	67,677,959 66,675,096 52,522,940 50,316,425 50,011,428 49,844,755 49,129,719 46,760,624 45,231,844 44,574,115	27,630 89,987 16,064 21,192 12,111	0.0000 0.0000 0.0000 0.0005 0.0000 0.0018 0.0003 0.0005 0.0003	1.0000 1.0000 1.0000 0.9995 1.0000 0.9982 0.9997 0.9995 0.9997	100.00 100.00 100.00 100.00 99.95 99.95 99.76 99.73 99.69
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	43,194,143 43,605,402 43,571,982 47,961,474 42,885,042 42,247,236 42,042,812 41,687,209 40,317,085 40,173,552	10,725 23,645 26,801 74,841 170,853 238,575 914,269 143,533 62,585	0.0000 0.0002 0.0005 0.0006 0.0017 0.0040 0.0057 0.0219 0.0036 0.0016	1.0000 0.9998 0.9995 0.9994 0.9983 0.9960 0.9943 0.9781 0.9964 0.9984	99.66 99.66 99.64 99.58 99.53 99.35 98.95 98.39 96.23 95.89
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	25,962,478 25,677,077 20,857,289 6,628,163 6,617,547 6,619,261 6,539,042 6,542,931 6,487,222 6,519,640	86,213 10,706 103,823 97,622 4,656 59,390 8,249	0.0033 0.0004 0.0050 0.0000 0.0000 0.0147 0.0007 0.0091 0.0000 0.0013	0.9967 0.9996 0.9950 1.0000 1.0000 0.9853 0.9993 0.9909 1.0000 0.9987	95.74 95.42 95.38 94.91 94.91 94.91 93.51 93.44 92.59 92.59
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	657,407 634,350 516,055 257,160 257,160 237,923 239,244 239,244 239,244	500 49,734 36,591	0.0000 0.0008 0.0964 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.1525	1.0000 0.9992 0.9036 1.0000 1.0000 1.0000 1.0000 1.0000 0.8475	92.48 92.48 92.40 83.50 83.50 83.50 83.50 83.50 83.50 83.50

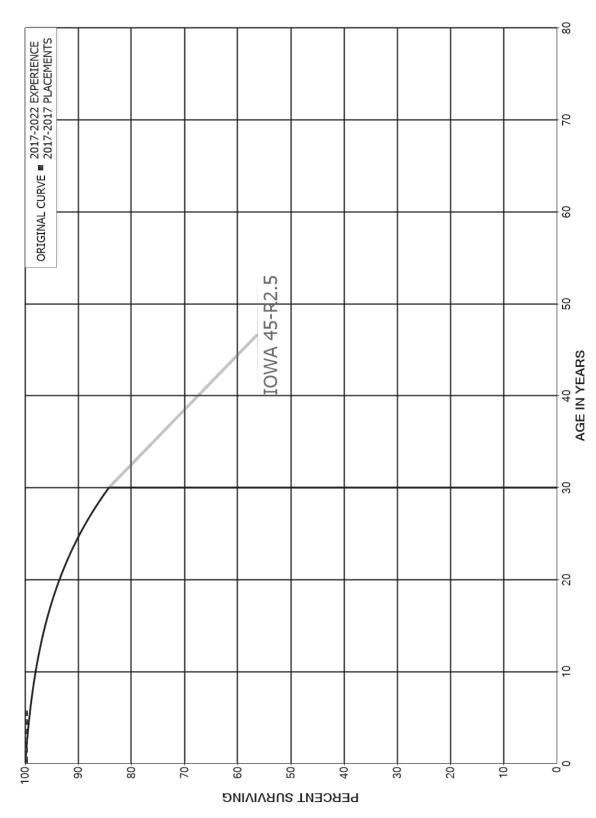
## ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT 1	BAND 1924-2022		EXPE	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5	203,377 203,377 203,377 198,370 197,442 183,056 141,783 115,728 83,309	4,615 16,862 33,333 22,374	0.0000 0.0000 0.0227 0.0000 0.0854 0.1821 0.1578 0.0000	1.0000 1.0000 0.9773 1.0000 0.9146 0.8179 0.8422 1.0000	70.77 70.77 70.77 69.16 69.16 63.25 51.74 43.57
48.5 49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	70,710 58,417 68,161 67,069 48,767 3,489,424 3,488,103 3,487,249 3,487,435 3,486,711 3,486,711	531 16,580	0.0000 0.0091 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9909 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9952	43.57 43.57 43.17 43.17 43.17 43.17 43.17 43.17 43.17 43.17
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	3,470,131 3,463,914 3,463,128 3,452,033 3,442,550 3,442,550 3,441,710 3,425,091 3,415,811	8,079 8,877 840 16,619 1,463 4,247	0.0000 0.0000 0.0000 0.0023 0.0026 0.0000 0.0002 0.0048 0.0004 0.0012	1.0000 1.0000 1.0000 0.9977 0.9974 1.0000 0.9998 0.9952 0.9996 0.9988	42.97 42.97 42.97 42.97 42.87 42.76 42.76 42.75 42.54
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	3,397,237 3,364,144 3,344,602 186 186 559 781 781 781 37,667	22,980 18,018	0.0068 0.0054 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9932 0.9946 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	42.47 42.18 41.96 41.96 41.96 41.96 41.96 41.96 41.96

## ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1924-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	88,191 88,191 88,191 88,191 88,191 88,191 88,191 88,191 88,191		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	41.96 41.96 41.96 41.96 41.96 41.96 41.96 41.96 41.96
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	88,191 88,191 88,191 88,191 87,818 87,410 79,280 78,601 41,715	8,130 679	0.0000 0.0000 0.0000 0.0000 0.0000 0.0930 0.0086 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9070 0.9914 1.0000 1.0000	41.96 41.96 41.96 41.96 41.96 41.96 38.06 37.73 37.73

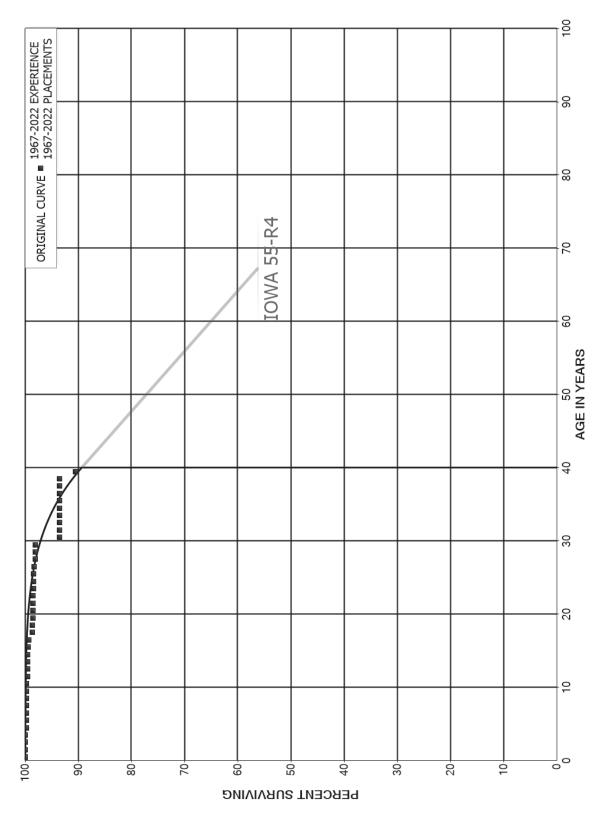
DUKE ENERGY INDIANA ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - SOLAR ORIGINAL AND SMOOTH SURVIVOR CURVES



#### ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - SOLAR

PLACEMENT BAND 2017-2017 EXPERIENCE BAND 20					
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5	401,873 401,873 401,873 401,873 401,873		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00

DUKE ENERGY INDIANA ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES ORIGINAL AND SMOOTH SURVIVOR CURVES



#### ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

PLACEMENT	BAND 1967-2022		EXPER	RIENCE BAN	D 1967-2022
AGE AT	EXPOSURES AT	RETIREMENTS	DETMT	CIIDN	PCT SURV
BEGIN OF INTERVAL	BEGINNING OF AGE INTERVAL	DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	BEGIN OF INTERVAL
INIERVAL	AGE INIERVAL	INIERVAL	RATIO	RATIO	INIERVAL
0.0	24,839,951	24,453	0.0010	0.9990	100.00
0.5	24,684,304	1,320	0.0001	0.9999	99.90
1.5	23,151,260		0.0000	1.0000	99.90
2.5	22,581,591		0.0000	1.0000	99.90
3.5	22,319,013	26,474	0.0012	0.9988	99.90
4.5	21,842,871		0.0000	1.0000	99.78
5.5	21,842,611	11,280	0.0005	0.9995	99.78
6.5	21,807,368		0.0000	1.0000	99.73
7.5	21,806,291		0.0000	1.0000	99.73
8.5	21,437,128		0.0000	1.0000	99.73
9.5	21,401,562		0.0000	1.0000	99.73
10.5	21,372,072	37,873	0.0018	0.9982	99.73
11.5	21,298,969		0.0000	1.0000	99.55
12.5	42,451,151		0.0000	1.0000	99.55
13.5	42,406,229	14,689	0.0003	0.9997	99.55
14.5	42,391,201	70,690	0.0017	0.9983	99.51
15.5	42,320,487	35,342	0.0008	0.9992	99.35
16.5	42,159,009	260,028	0.0062	0.9938	99.27
17.5	40,768,151	35,002	0.0009	0.9991	98.65
18.5	40,733,145	9,460	0.0002	0.9998	98.57
19.5	34,081,578	32,821	0.0010	0.9990	98.55
20.5	34,048,757		0.0000	1.0000	98.45
21.5	33,458,646		0.0000	1.0000	98.45
22.5	3,096,962	251	0.0001	0.9999	98.45
23.5	3,096,711		0.0000	1.0000	98.44
24.5	3,096,711		0.0000	1.0000	98.44
25.5	3,096,711	5,674	0.0018	0.9982	98.44
26.5	3,091,037	6,578	0.0021	0.9979	98.26
27.5	3,084,459		0.0000	1.0000	98.05
28.5	3,084,459		0.0000	1.0000	98.05
29.5	482,648	22,535	0.0467	0.9533	98.05
30.5	460,113		0.0000	1.0000	93.48
31.5	460,113		0.0000	1.0000	93.48
32.5	460,113		0.0000	1.0000	93.48
33.5	460,113		0.0000	1.0000	93.48
34.5	460,113		0.0000	1.0000	93.48
35.5	460,113		0.0000	1.0000	93.48
36.5	460,113		0.0000	1.0000	93.48
37.5	460,113		0.0000	1.0000	93.48
38.5	460,113	14,505	0.0315	0.9685	93.48



#### ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

PLACEMENT	BAND 1967-2022	RIENCE BAN	ID 1967-2022		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	445,608		0.0000	1.0000	90.53
40.5	445,608		0.0000	1.0000	90.53
41.5	445,608		0.0000	1.0000	90.53
42.5	445,608		0.0000	1.0000	90.53
43.5	445,608		0.0000	1.0000	90.53
44.5	445,608		0.0000	1.0000	90.53
45.5	445,608	135,126	0.3032	0.6968	90.53
46.5	310,483	88,282	0.2843	0.7157	63.08
47.5	222,200		0.0000	1.0000	45.14
48.5	222,200	67,546	0.3040	0.6960	45.14
49.5 50.5	154,654	129,124	0.8349	0.1651	31.42 5.19

ORIGINAL AND SMOOTH SURVIVOR CURVES ACCOUNT 343.00 PRIME MOVERS DUKE ENERGY INDIANA IOWA 40-S0.5

100 ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1950-2022 PLACEMENTS 8 8 2 9 AGE IN YEARS 40 30 20 9 <del>|</del>0 5 9 9 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 343.00 PRIME MOVERS

PLACEMENT :	BAND 1950-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5	792,849,719 776,900,855 728,999,107 726,327,742 713,347,673 710,432,539 689,992,219 673,193,186 643,071,338	5,975 6,120,197 866,273 2,906,843 1,015,319 3,134,268 5,904,186	0.0000 0.0000 0.0000 0.0084 0.0012 0.0041 0.0015 0.0047	1.0000 1.0000 1.0000 0.9916 0.9988 0.9959 0.9985 0.9953	100.00 100.00 100.00 100.00 99.16 99.04 98.63 98.49 98.03
8.5	622,841,246	10,170,713	0.0163	0.9837	97.13
9.5	594,141,315	5,177,529	0.0087	0.9913	95.54
10.5	583,830,992	6,722,820	0.0115	0.9885	94.71
11.5	562,117,235	3,488,490	0.0062	0.9938	93.62
12.5	562,747,386	12,655,592	0.0225	0.9775	93.04
13.5	490,160,920	5,335,265	0.0109	0.9891	90.94
14.5	468,951,946	6,149,032	0.0131	0.9869	89.95
15.5	458,296,143	6,998,032	0.0153	0.9847	88.78
16.5 17.5 18.5	448,991,308 384,915,084 362,443,314 217,374,970	14,827,227 22,100,283 8,000,706 1,333,988	0.0330 0.0574 0.0221 0.0061	0.9670 0.9426 0.9779 0.9939	87.42 84.53 79.68 77.92
20.5 21.5 22.5 23.5	216,040,982 184,789,417 35,829,603 35,075,887	3,738,959 1,216,969 38,055	0.0173 0.0066 0.0000 0.0011	0.9827 0.9934 1.0000 0.9989	77.44 76.10 75.60 75.60
24.5	34,557,276	89,447	0.0026	0.9974	75.52
25.5	34,313,725	1,727,186	0.0503	0.9497	75.32
26.5	32,548,565	774,086	0.0238	0.9762	71.53
27.5	31,774,479	30,224	0.0010	0.9990	69.83
28.5	31,744,255	4,986,957	0.1571	0.8429	69.76
29.5	10,236,740	44,997	0.0044	0.9956	58.80
30.5	10,191,743		0.0000	1.0000	58.55
31.5	10,463,989		0.0000	1.0000	58.55
32.5	10,463,989	33,393	0.0032	0.9968	58.55
33.5	10,397,368	40,247	0.0039	0.9961	58.36
34.5	10,353,045	230,062	0.0222	0.9778	58.13
35.5	10,122,984	26,041	0.0026	0.9974	56.84
36.5	10,096,943	668,041	0.0662	0.9338	56.70
37.5	9,429,953	299,219	0.0317	0.9683	52.94
38.5	9,130,733	23,118	0.0025	0.9975	51.26

## ACCOUNT 343.00 PRIME MOVERS

PLACEMENT	BAND 1950-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	9,107,616 8,999,256 8,999,256 8,646,019 8,050,313 7,780,987 7,718,001 5,263,764 5,268,512 5,276,376	104,563 352,404 595,706 269,326 13,995 2,454,237	0.0115 0.0000 0.0392 0.0689 0.0335 0.0018 0.3180 0.0000 0.0000	0.9885 1.0000 0.9608 0.9311 0.9665 0.9982 0.6820 1.0000 1.0000 0.6063	51.13 50.55 50.55 48.57 45.22 43.71 43.63 29.76 29.76
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	3,193,205 1,365,253 1,353,034 1,353,034 1,846,685 1,846,685 521,991 520,940 520,940 520,940	1,818,004	0.5693 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.4307 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	18.04 7.77 7.77 7.77 7.77 7.77 7.77 7.77
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	520,940 520,940 511,307 511,307 511,307 500,883 500,883 473,488 465,624 465,444	3,805 10,424 22,647	0.0000 0.0073 0.0000 0.0000 0.0204 0.0000 0.0452 0.0000 0.0000	1.0000 0.9927 1.0000 1.0000 0.9796 1.0000 0.9548 1.0000 1.0000	7.77 7.77 7.71 7.71 7.71 7.56 7.56 7.21 7.21
69.5 70.5 71.5 72.5	456,774 453,810 453,810	2,964	0.0065 0.0000 0.0000	0.9935 1.0000 1.0000	7.21 7.17 7.17 7.17



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AGE IN YEARS

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ORIGINAL CURVE ■ 2002-2022 EXPERIENCE 2009-2022 PLACEMENTS ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 13-R3 DUKE ENERGY INDIANA

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РЕВСЕИТ ЗИВУІУІИС

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## ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

PLACEMENT	BAND 2009-2022		EXPER	RIENCE BAN	D 2002-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	126,763,805		0.0000	1.0000	100.00
0.5	108,093,685		0.0000	1.0000	100.00
1.5	91,579,947		0.0000	1.0000	100.00
2.5	75,325,186	51,996	0.0007	0.9993	100.00
3.5	47,806,999		0.0000	1.0000	99.93
4.5	36,702,072	1,810,932	0.0493	0.9507	99.93
5.5	28,252,351	517,285	0.0183	0.9817	95.00
6.5	17,398,877		0.0000	1.0000	93.26
7.5	6,327,627	631,254	0.0998	0.9002	93.26
8.5	3,193,347		0.0000	1.0000	83.96
9.5	3,193,347		0.0000	1.0000	83.96
10.5	3,193,347		0.0000	1.0000	83.96
11.5	3,193,347	1,421,382	0.4451	0.5549	83.96
12.5		. ,			46.59

ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1950-2022 PLACEMENTS 8 8 2 ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 50-S2 DUKE ENERGY INDIANA ACCOUNT 344.00 GENERATORS 9 AGE IN YEARS 40 30 20 9 J<sub>0</sub> 7 9 9 80 9 20 20 РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 344.00 GENERATORS

PLACEMENT 1	BAND 1950-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5	239,001,752 240,941,271 223,469,871 213,122,184 206,173,156 200,171,645 198,891,432 198,145,284 197,493,062	498,875 2,873 26,859 40,945 32,687 13,428 165,298 148,063	0.0000 0.0021 0.0000 0.0001 0.0002 0.0002 0.0001 0.0008	1.0000 0.9979 1.0000 0.9999 0.9998 0.9998 0.9999	100.00 100.00 99.79 99.78 99.76 99.74 99.74
8.5 9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	197,858,129 197,403,800 194,579,074 194,521,680 311,534,049 280,623,138 279,814,769 276,832,218 276,289,188 256,817,203 254,775,323	95,710 125,480 56,296 547,885 2,539,954 123,905 2,926,384 491,158 3,163,977 1,666,014 2,819,013	0.0005 0.0006 0.0003 0.0028 0.0082 0.0004 0.0105 0.0018 0.0115 0.0065 0.0111	0.9995 0.9994 0.9997 0.9972 0.9918 0.9996 0.9895 0.9885 0.9885	99.58 99.53 99.47 99.44 99.16 98.35 98.31 97.28 97.11 95.99 95.37
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	218,563,423 217,585,128 195,350,094 16,626,231 16,578,963 16,559,776 16,499,734 16,496,010 15,909,226 15,641,734	32,449 60,042 3,724	0.0111 0.0045 0.0003 0.0000 0.0000 0.0020 0.0036 0.0002 0.0000 0.0000 0.0000	0.9889 0.9955 0.9997 1.0000 1.0000 0.9980 0.9964 0.9998 1.0000 1.0000 1.0000	94.32 93.90 93.87 93.87 93.87 93.68 93.34 93.32 93.32
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	8,263,565 8,188,490 7,548,611 7,500,905 7,463,168 7,006,894 6,856,529 6,672,183 6,672,183 6,586,728	68,256 18,999 20,293 735,670 150,365 184,347 85,455 40,912	0.0000 0.0083 0.0025 0.0027 0.0986 0.0215 0.0269 0.0000 0.0128 0.0062	1.0000 0.9917 0.9975 0.9973 0.9014 0.9785 0.9731 1.0000 0.9872 0.9938	93.32 93.32 92.54 92.31 92.06 82.99 81.21 79.02 79.02 78.01



## ACCOUNT 344.00 GENERATORS

PLACEMENT	BAND 1950-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	6,545,816 6,327,324 6,234,444 6,151,808 6,356,233 5,877,670 5,886,681 3,844,691 3,844,691 3,844,691	218,492 92,880 82,636 190,152 478,563 271 2,037,900	0.0334 0.0147 0.0133 0.0309 0.0753 0.0000 0.3462 0.0000 0.0000 0.2413	0.9666 0.9853 0.9867 0.9691 0.9247 1.0000 0.6538 1.0000 1.0000 0.7587	77.53 74.94 73.84 72.86 70.61 65.29 65.29 42.69 42.69
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	2,917,023 1,294,252 1,292,132 1,290,820 3,861,478 3,861,478 3,539,606 3,527,069 3,527,069 3,519,830	950,761 1,769 105,874 12,537 7,239 986	0.3259 0.0014 0.0000 0.0000 0.0000 0.0274 0.0035 0.0000 0.0021 0.0003	0.6741 0.9986 1.0000 1.0000 0.9726 0.9965 1.0000 0.9979 0.9997	32.39 21.83 21.80 21.80 21.80 21.20 21.13 21.13 21.08
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	3,518,843 3,509,750 3,509,750 3,042,769 3,042,769 2,886,429 2,886,429 2,886,429 2,886,429 2,886,429	9,093 67,370 147,058 224,799 222,385	0.0026 0.0000 0.0192 0.0000 0.0483 0.0000 0.0000 0.0000 0.0779 0.0836	0.9974 1.0000 0.9808 1.0000 0.9517 1.0000 1.0000 0.9221 0.9164	21.08 21.02 21.02 20.62 20.62 19.62 19.62 19.62 19.62 18.10
69.5 70.5 71.5 72.5	2,438,053 1,678,511 1,544,534	759,542 133,977	0.3115 0.0798 0.0000	0.6885 0.9202 1.0000	16.58 11.42 10.51 10.51

AGE IN YEARS

ORIGINAL CURVE ■ 2003-2022 EXPERIENCE 2017-2022 PLACEMENTS 2 9 ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 30-91.5 ACCOUNT 344.66 GENERATORS - SOLAR 20 DUKE ENERGY INDIANA 30 20 9 ᇮ 100 7 30-9 8 8 9 20 20

РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 344.66 GENERATORS - SOLAR

PLACEMENT 1	BAND 2017-2022		EXPER	RIENCE BAN	TD 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	37,893,440 36,911,704 36,911,704 36,838,267 32,498,249 32,498,249		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00

AGE IN YEARS

ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1950-2022 PLACEMENTS 8 8 IOWA 40-S0.5 ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT 2 ORIGINAL AND SMOOTH SURVIVOR CURVES 9 DUKE ENERGY INDIANA 40 30 20 9 J° 100 7 9 8 9 20 20 9 РЕВСЕИТ ЗИВУІУІИС

ANNETT FLEMING

## ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

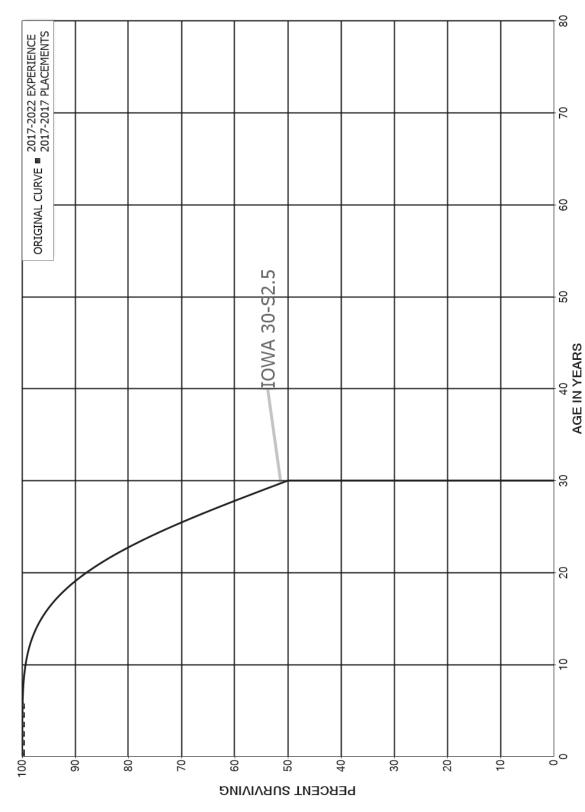
PLACEMENT	BAND 1950-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	61,255,584	12,854	0.0000	1.0000	100.00
0.5	61,159,079		0.0000	1.0000	100.00
1.5	51,972,833		0.0000	1.0000	100.00
2.5	49,514,347		0.0003	0.9997	100.00
3.5	49,262,588	6,263	0.0001	0.9999	99.97
4.5	49,110,456	122,343	0.0025	0.9975	99.96
5.5	47,895,787	53,043	0.0011	0.9989	99.71
6.5	47,278,277	448,152	0.0095	0.9905	99.60
7.5	46,290,989	388,399	0.0084	0.9916	98.66
8.5	45,526,904	363,756	0.0080	0.9920	97.83
9.5	42,140,104	285,471	0.0068	0.9932	97.05
10.5	40,501,386	137,849	0.0034	0.9966	96.39
11.5	39,536,415	713,380	0.0180	0.9820	96.06
12.5	37,945,880	165,348	0.0044	0.9956	94.33
13.5	30,334,305	293,369	0.0097	0.9903	93.92
14.5	29,936,157	539,677	0.0180	0.9820	93.01
15.5	29,210,524	425,579	0.0146	0.9854	91.33
16.5	28,757,041	518,946	0.0180	0.9820	90.00
17.5	25,963,590	314,054	0.0121	0.9879	88.38
18.5	25,555,463	734,237	0.0287	0.9713	87.31
19.5	21,563,723	93,949	0.0044	0.9956	84.80
20.5	21,466,922	97,794	0.0046	0.9954	84.43
21.5	17,798,663	36,722	0.0021	0.9979	84.05
22.5	7,761,659	1,688	0.0002	0.9998	83.87
23.5	7,775,269	1,244,807	0.0000	1.0000	83.86
24.5	7,775,269		0.1601	0.8399	83.86
25.5	6,532,640		0.0000	1.0000	70.43
26.5	6,532,640	218,091	0.0334	0.9666	70.43
27.5	6,287,287	44,660	0.0071	0.9929	68.08
28.5	6,242,627	28,410	0.0046	0.9954	67.60
29.5	1,839,756	10,902	0.0059	0.9941	67.29
30.5	1,793,585	20,341	0.0113	0.9887	66.89
31.5	1,777,117	263,801	0.1484	0.8516	66.13
32.5 33.5 34.5	1,777,117 1,517,757 1,502,647 1,502,647	9,517	0.0063 0.0000 0.0000	0.8310 0.9937 1.0000 1.0000	56.31 55.96 55.96
35.5	1,502,647	515	0.0000	1.0000	55.96
36.5	1,525,588	5 424		0.9997	55.96
37.5	1,525,118	5,424	0.0036	0.9964	55.94
38.5	1,531,681		0.0000	1.0000	55.74



## ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1950-2022		EXPE	RIENCE BAN	D 1956-202
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,531,681 1,524,570 1,485,303 1,412,850 1,354,658 1,353,715 1,355,982 887,621 886,557	7,111 2,369 62,340 58,891 1,547 1,874 468,140 1,064	0.0046 0.0016 0.0420 0.0417 0.0011 0.0014 0.3452 0.0012 0.0000 0.3506	0.9954 0.9984 0.9580 0.9583 0.9989 0.9986 0.6548 0.9988 1.0000 0.6494	55.74 55.48 55.40 53.07 50.86 50.80 50.73 33.22 33.18 33.18
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	572,813 67,647 68,587 68,587 1,097,844 1,062,408 1,062,363 1,050,375	306,298	0.5347 0.0000 0.0000 0.0006 0.0000 0.0000 0.0000 0.0000 0.0000	0.4653 1.0000 1.0000 0.9994 1.0000 1.0000 1.0000 1.0000	21.55 10.03 10.03 10.03 10.02 10.02 10.02 10.02 10.02
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	1,050,375 1,050,157 1,044,973 1,044,274 1,041,491 1,037,351 1,035,655 1,035,655 1,035,655	218	0.0002 0.0000 0.0000 0.0000 0.0000 0.0016 0.0000 0.0000	0.9998 1.0000 1.0000 1.0000 1.0000 0.9984 1.0000 1.0000	10.02 10.02 10.02 10.02 10.02 10.02 10.02 10.00 10.00
69.5 70.5 71.5 72.5	1,032,985 1,027,605 1,027,605		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	10.00 10.00 10.00 10.00

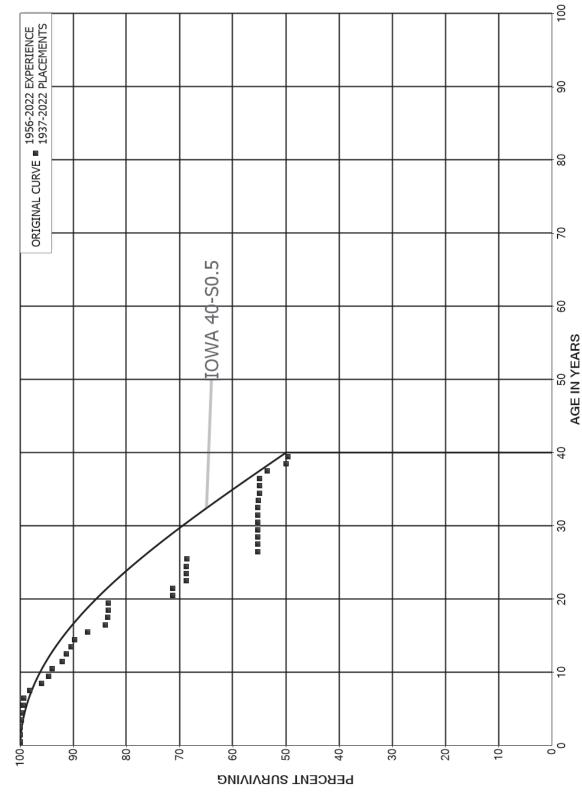
DUKE ENERGY INDIANA ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR

PLACEMENT I	BAND 2017-2017		EXPER	RIENCE BAN	D 2017-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5	5,248,942 5,248,942 5,248,942 5,248,942 5,248,942 5,248,942		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00

DUKE ENERGY INDIANA ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT	BAND 1937-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	46,739,461	525	0.0000	1.0000	100.00
0.5	45,584,174	484	0.0000	1.0000	100.00
1.5	45,346,795		0.0000	1.0000	100.00
2.5	27,300,628	62,826	0.0023	0.9977	100.00
3.5	26,441,423	6,137	0.0002	0.9998	99.77
4.5	26,282,749	80,371	0.0031	0.9969	99.74
5.5	25,208,046	29,479	0.0012	0.9988	99.44
6.5	20,790,948	235,952	0.0113	0.9887	99.32
7.5	19,576,389	450,410	0.0230	0.9770	98.20
8.5	18,897,475	264,630	0.0140	0.9860	95.94
9.5	15,463,319	114,205	0.0074	0.9926	94.59
10.5	14,651,789	289,252	0.0197	0.9803	93.89
11.5	13,488,345	117,020	0.0087	0.9913	92.04
12.5	12,878,050	119,076	0.0092	0.9908	91.24
13.5	12,023,130	95,571	0.0079	0.9921	90.40
14.5	11,632,735	306,870	0.0264	0.9736	89.68
15.5	11,253,047	435,812	0.0387	0.9613	87.31
16.5	10,817,212	49,244	0.0046	0.9954	83.93
17.5	7,167,369	13,751	0.0019	0.9981	83.55
18.5	5,907,287		0.0000	1.0000	83.39
19.5	1,447,421	210,501	0.1454	0.8546	83.39
20.5	1,231,257		0.0000	1.0000	71.26
21.5	1,197,467	43,210	0.0361	0.9639	71.26
22.5	1,166,961		0.0000	1.0000	68.69
23.5	1,092,365		0.0000	1.0000	68.69
24.5	1,103,712	485	0.0004	0.9996	68.69
25.5	1,103,005	214,891	0.1948	0.8052	68.66
26.5	865,514		0.0000	1.0000	55.28
27.5	870,837		0.0000	1.0000	55.28
28.5	907,373	35	0.0000	1.0000	55.28
29.5	323,146	169	0.0005	0.9995	55.28
30.5	311,991	37	0.0001	0.9999	55.25
31.5	286,179		0.0000	1.0000	55.25
32.5	246,848	224	0.0009	0.9991	55.25
33.5	236,136	1,047	0.0044	0.9956	55.20
34.5	222,232		0.0000	1.0000	54.95
35.5	215,589	210	0.0010	0.9990	54.95
36.5	200,268	4,886	0.0244	0.9756	54.90
37.5	190,350	12,961	0.0681	0.9319	53.56
38.5	177,458	871	0.0049	0.9951	49.91

#### ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1937-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5	176,730 164,894 136,665 113,782 97,696 93,014 96,173 94,598 41,779	5,634 10,413 2,583 172 3,633 3,458 2,632 122 397	0.0319 0.0631 0.0189 0.0015 0.0372 0.0372 0.0274 0.0013 0.0095	0.9681 0.9369 0.9811 0.9985 0.9628 0.9628 0.9726 0.9987 0.9905	49.67 48.08 45.05 44.20 44.13 42.49 40.91 39.79 39.74
48.5 49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	35,708 33,989 30,202 27,181 27,222 129,619 127,757 128,490 128,272 128,247 128,795	970 328 132	0.0272 0.0000 0.0000 0.0121 0.0000 0.0010 0.0000 0.0000 0.0000 0.0000 0.0000	0.9728 1.0000 1.0000 0.9879 1.0000 0.9990 1.0000 1.0000 1.0000 1.0000	39.36 38.29 38.29 38.29 37.83 37.79 37.79 37.79 37.79
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	128,925 128,862 128,862 128,159 117,825 111,481 112,633 111,446 111,446	15 20 152	0.0001 0.0000 0.0000 0.0000 0.0002 0.0000 0.0000 0.0014 0.0000 0.0000	0.9999 1.0000 1.0000 0.9998 1.0000 1.0000 0.9986 1.0000	37.79 37.79 37.79 37.79 37.78 37.78 37.78 37.78 37.73

70.5

71.5

72.5

73.5

74.5

75.5

76.5

77.5

78.5

108,517

107,516

4,776

4,342

3,318

2,969

2,925

2,234

1,822

37.73

37.69

37.69

37.69

37.58

37.58

37.58

37.58

35.66

99 0.0009

13 0.0031

114

0.0000

0.0000

0.0000

0.0000

0.0000

0.0512

0.0000

0.9991

1.0000

1.0000

0.9969

1.0000

1.0000

1.0000

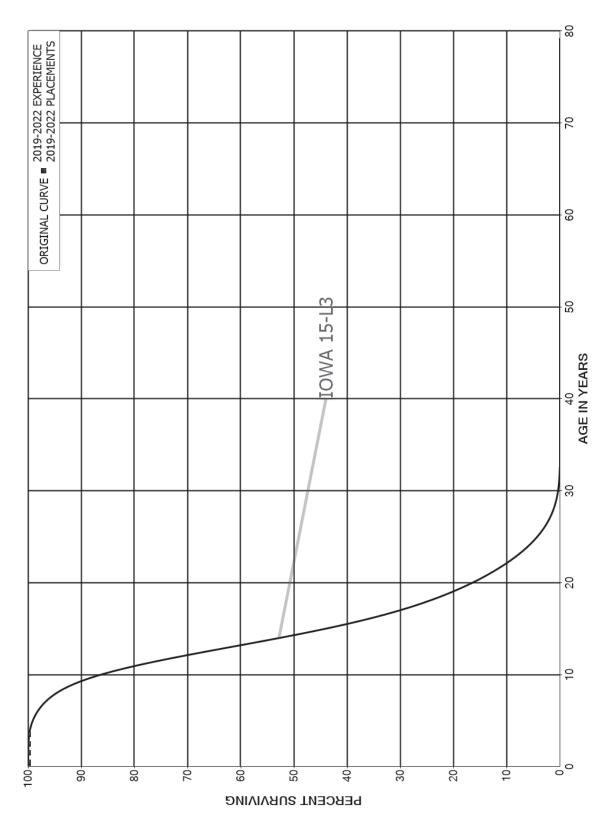
0.9488

1.0000

## ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT BAND 1937-2022 EXPERIENCE BAND 1					D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5	1,822 1,822 1,716 1,662 1,423 1,386	106	0.0000 0.0583 0.0000 0.0000 0.0000	1.0000 0.9417 1.0000 1.0000 1.0000	35.66 35.66 33.58 33.58 33.58 33.58

DUKE ENERGY INDIANA ACCOUNT 348.01 BATTERY STORAGE ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 348.01 BATTERY STORAGE

PLACEMENT BAND 2019-2022				RIENCE BAN	D 2019-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5	20,502,681 19,140,612 6,701,119 6,607,334		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00

ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1910-2022 PLACEMENTS **IOWA 80-R4** 100 8 ORIGINAL AND SMOOTH SURVIVOR CURVES ACCOUNT 350.10 RIGHTS OF WAY DUKE ENERGY INDIANA AGE IN YEARS 40 20 <del>ا</del>ه 1001 5 30-9 8 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 350.10 RIGHTS OF WAY

PLACEMENT I	BAND 1910-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	33,832,229 34,502,975 34,810,059 35,892,360 35,865,456 35,157,214 33,468,381 33,238,012 33,002,385 31,812,595		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	31,131,780 31,093,261 30,989,567 31,227,029 30,985,304 31,069,584 29,631,426 29,471,740 29,403,889 28,997,419	7,006 4,813	0.0000 0.0000 0.0000 0.0002 0.0002 0.0002 0.0000 0.0000	1.0000 1.0000 1.0000 0.9998 1.0000 0.9998 1.0000 1.0000	100.00 100.00 100.00 100.00 99.98 99.98 99.96 99.96
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	28,901,981 28,219,703 27,981,893 27,662,330 27,622,760 28,029,566 28,070,126 27,482,097 27,086,238 26,271,777	148,333	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9944	99.96 99.96 99.96 99.96 99.96 99.96 99.96 99.96
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	25,416,012 25,277,644 25,385,209 25,318,406 25,092,529 24,973,233 24,894,087 24,853,913 24,729,519 24,500,307		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40



#### ACCOUNT 350.10 RIGHTS OF WAY

PLACEMENT 1	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5	24,311,376 24,139,260 22,025,675 21,943,315 21,777,031 19,358,121 18,697,544 15,412,197 15,189,686	400	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40
48.5 49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	12,203,619  12,181,711  11,757,940  11,095,895  10,814,312  10,738,972  10,682,199  10,181,603  9,985,630  9,897,170  9,321,375		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	9,084,403 8,719,497 7,882,987 7,580,063 6,910,937 6,517,280 6,111,567 5,820,350 5,165,844 4,655,700		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	3,278,997 2,810,707 2,675,837 2,445,587 2,311,255 2,254,507 2,187,284 2,138,763 2,061,097 2,046,017		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40

#### ACCOUNT 350.10 RIGHTS OF WAY

PLACEMENT 1	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	1,753,503 1,569,984 1,432,793 1,419,605 1,417,637 1,415,845 1,413,637 1,413,358 1,186,240 1,180,775		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	1,178,761 1,176,376 725,209 684,649 599,106 583,640 569,318 495,173 484,724 92,983		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	73,368 70,791 70,791 70,791 70,791 70,613 70,613 70,613 70,613		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40 99.40
109.5 110.5 111.5 112.5	70,613 70,613 70,613		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	99.40 99.40 99.40 99.40

ORIGINAL CURVE ■ 1905-2022 EXPERIENCE 1905-2022 PLACEMENTS 2003-2022 EXPERIENCE 1914-2022 PLACEMENTS IOWA 70-R2.5 120 100 ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS ORIGINAL AND SMOOTH SURVIVOR CURVES DUKE ENERGY INDIANA AGE IN YEARS 4 20 <del>ا</del>ه 5 9 8 8 9 20 30 20 РЕВСЕИТ ЗИВУІУІИС



## ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1905-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5	76,128,370 61,895,579 58,710,949 50,987,369 50,706,337 50,680,501 47,538,982 46,101,279 44,411,126	296,231 8,132 809 58,130 1,922 60,465 79,290 7,287	0.0039 0.0001 0.0000 0.0011 0.0000 0.0012 0.0017 0.0002 0.0000	0.9961 0.9999 1.0000 0.9989 1.0000 0.9988 0.9983 0.9998 1.0000	100.00 99.61 99.60 99.60 99.48 99.36 99.19
8.5	38,479,056	245,584	0.0064	0.9936	99.18
9.5	30,906,927	294	0.0000	1.0000	98.55
10.5	27,450,766	111,736	0.0041	0.9959	98.55
11.5	23,592,727	10,649	0.0005	0.9995	98.14
12.5	22,621,939	73,871	0.0033	0.9967	98.10
13.5	19,922,056	175,394	0.0088	0.9912	97.78
14.5	19,691,383	30,311	0.0015	0.9985	96.92
15.5	14,823,423	74,557	0.0050	0.9950	96.77
16.5	14,602,221	2,081	0.0001	0.9999	96.28
17.5	14,403,550	13,288	0.0009	0.9991	96.27
18.5	14,399,172	2,271	0.0002	0.9998	96.18
19.5	14,360,293	10,838	0.0008	0.9992	96.16
20.5	14,326,613	18,393	0.0013	0.9987	96.09
21.5	14,262,128	35,086	0.0025	0.9975	95.97
22.5	13,839,732	9,284	0.0007	0.9993	95.73
23.5	13,565,539	5,102	0.0004	0.9996	95.67
24.5 25.5 26.5 27.5 28.5	12,292,553 12,014,093 11,989,832 10,861,444 9,539,078	4,535 80,920 6,803 10,358 1,000	0.0004 0.0067 0.0006 0.0010 0.0001	0.9996 0.9933 0.9994 0.9990	95.63 95.60 94.95 94.90 94.81
29.5	8,768,198	4,219	0.0005	0.9995	94.80
30.5	7,972,330	1,179	0.0001	0.9999	94.75
31.5	7,949,987	55,049	0.0069	0.9931	94.74
32.5	7,228,968	69,050	0.0096	0.9904	94.08
33.5	6,746,564	24,248	0.0036	0.9964	93.18
34.5	6,502,178	308,737	0.0475	0.9525	92.85
35.5	6,192,261	49,422	0.0080	0.9920	88.44
36.5	5,590,325	129,820	0.0232	0.9768	87.74
37.5	5,460,003	48	0.0000	1.0000	85.70
38.5	5,428,493	988	0.0002	0.9998	85.70



## ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1905-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	5,315,526 4,998,071 4,796,494 4,694,428 4,323,266 3,863,020 3,691,791 3,600,241 3,421,565 3,054,515	1,396 6,035 2,195 340 61,662 31,423 3,857 151,658 10,545	0.0003 0.0012 0.0005 0.0000 0.0001 0.0160 0.0085 0.0011 0.0443 0.0035	0.9997 0.9988 0.9995 1.0000 0.9999 0.9840 0.9915 0.9989 0.9557 0.9965	85.68 85.66 85.56 85.52 85.52 85.51 84.14 83.43 83.34 79.65
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	3,031,674 2,792,562 2,679,512 2,648,132 2,545,991 2,455,420 2,431,687 2,376,337 2,276,585 2,169,200	804 30,918 4,137 2,315 2,047 677 229 7,336 59,861 56,104	0.0003 0.0111 0.0015 0.0009 0.0008 0.0003 0.0001 0.0031 0.0263 0.0259	0.9997 0.9889 0.9985 0.9991 0.9992 0.9997 0.9999 0.9737 0.9741	79.37 79.35 78.47 78.35 78.28 78.22 78.20 78.19 77.95 75.90
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	2,052,701 2,001,374 1,810,853 1,701,534 1,648,285 1,573,182 1,341,192 1,314,348 1,260,761 1,010,262	75 37,589 180 72 41,840 1,667 1,053 4,513 1,394	0.0000 0.0188 0.0001 0.0000 0.0254 0.0011 0.0008 0.0000 0.0036 0.0014	1.0000 0.9812 0.9999 1.0000 0.9746 0.9989 0.9992 1.0000 0.9964 0.9986	73.94 73.93 72.54 72.54 72.53 70.69 70.62 70.56 70.56 70.31
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5	452,486 363,954 351,389 329,023 317,331 316,048 314,037 306,681 233,434	197 3,294 864 1,896 7,129	0.0004 0.0090 0.0025 0.0000 0.0000 0.0060 0.0227 0.0000 0.0000	0.9996 0.9910 0.9975 1.0000 1.0000 0.9940 0.9773 1.0000	70.21 70.18 69.55 69.38 69.38 69.38 69.38 67.39



78.5 153,215

0.0000 1.0000 67.39

## ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1905-2022		EXPE	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 89.5 90.5 91.5 92.5 93.5 94.5 95.5	119,915 120,248 111,813 111,813 100,428 100,428 98,921 98,546 97,321 97,321 97,321 97,321 91,497 91,497 91,497 6,299 4,664 4,664	11,384	0.0000 0.0000 0.0000 0.1018 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.8982 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	67.39 67.39 67.39 67.39 60.53 60.53 60.53 60.53 60.53 60.53 60.53 60.53 60.53 60.53
96.5 97.5 98.5	4,664 4,664 4,664		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	60.53 60.53
99.5	4,664	4,664	1.0000		60.53

## ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1914-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	62,639,019 48,430,161 44,930,653 37,014,156 37,173,920 38,457,323 35,645,794 34,247,846 33,679,045	296,231 8,132 21 56,803 568 55,575 58,260 5,397	0.0047 0.0002 0.0000 0.0015 0.0000 0.0014 0.0016 0.0002 0.0000	0.9953 0.9998 1.0000 0.9985 1.0000 0.9986 0.9984 0.9998 1.0000	100.00 99.53 99.51 99.51 99.36 99.36 99.21 99.05 99.03
8.5	29,057,859	237,046	0.0082	0.9918	99.03
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5 19.5 20.5 21.5 22.5 23.5	22,339,894 19,688,562 15,783,371 15,456,183 13,180,629 13,190,716 8,364,733 8,709,151 8,505,495 8,548,195 8,877,707 9,220,435 9,390,436 9,090,298 9,185,135	105,518 5,451 67,651 175,289 23,939 54,560 1,636 4,286	0.0000 0.0054 0.0003 0.0044 0.0133 0.0018 0.0065 0.0000 0.0002 0.0002 0.0005 0.0005 0.0014 0.0004 0.0000	1.0000 0.9946 0.9997 0.9956 0.9867 0.9982 0.9935 1.0000 1.0000 0.9998 0.9995 1.0000 0.9986 0.9996 1.0000	98.23 98.23 97.70 97.67 97.24 95.95 95.15 95.15 95.15 95.13 95.08 95.08 94.95 94.92
24.5 25.5 26.5 27.5 28.5	8,496,971 8,335,288 8,294,253 7,369,333 6,265,850	3,327 76,801 8,618	0.0004 0.0092 0.0000 0.0012 0.0000	0.9996 0.9908 1.0000 0.9988 1.0000	94.92 94.88 94.00 94.00 93.89
29.5 30.5 31.5 32.5	5,492,450 4,932,947 4,978,278 4,506,437	2,940 47,362 68,823	0.0005 0.0000 0.0095 0.0153	0.9995 1.0000 0.9905 0.9847	93.89 93.84 93.84 92.95
33.5 34.5 35.5 36.5 37.5	4,126,260 3,975,611 3,729,004 3,195,951 3,158,388	19,190 243,121 35,660 129,477	0.0047 0.0612 0.0096 0.0405 0.0000	0.9953 0.9388 0.9904 0.9595 1.0000	91.53 91.11 85.53 84.72 81.28
38.5	3,172,655	759	0.0002	0.9998	81.28

## ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT 1	BAND 1914-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	3,120,507 2,841,170 2,797,839 2,812,927 2,544,099 2,127,390 2,237,203	6,035 743 60,092 25,656	0.0000 0.0021 0.0003 0.0000 0.0000 0.0282 0.0115	1.0000 0.9979 0.9997 1.0000 1.0000 0.9718 0.9885	81.27 81.27 81.09 81.07 81.07 81.07 78.78
45.5 46.5 47.5 48.5	2,237,203 2,179,640 2,057,068 1,948,977	23,030 2,160 143,341 10,545	0.0010 0.0697 0.0054	0.9990 0.9303 0.9946	77.88 77.80 72.38
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	2,483,831 2,329,361 2,230,702 2,224,763 2,135,973 2,046,746 2,023,910 1,968,787 1,944,389 1,929,845	804 30,918 264 1,970 2,047 677 229 5,229 51,622 56,104	0.0003 0.0133 0.0001 0.0009 0.0010 0.0003 0.0001 0.0027 0.0265 0.0291	0.9997 0.9867 0.9999 0.9991 0.9990 0.9997 0.9999 0.9735 0.9735	71.99 71.96 71.01 71.00 70.94 70.87 70.85 70.84 70.65 68.77
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	1,850,354 1,799,487 1,654,990 1,545,671 1,492,494 1,455,601 1,223,611 1,196,809 1,144,447 893,948	180 3,630 1,667 1,053 4,513 1,394	0.0000 0.0000 0.0001 0.0000 0.0024 0.0011 0.0009 0.0000 0.0039 0.0016	1.0000 1.0000 0.9999 1.0000 0.9976 0.9989 0.9991 1.0000 0.9961 0.9984	66.78 66.78 66.77 66.77 66.61 66.53 66.47 66.47
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	336,172 253,463 252,282 230,396 303,903 304,255 302,244 302,017 228,771 148,551	197 3,294 385 1,896	0.0006 0.0130 0.0015 0.0000 0.0000 0.0062 0.0000 0.0000 0.0000	0.9994 0.9870 0.9985 1.0000 1.0000 0.9938 1.0000 1.0000 1.0000	66.11 66.07 65.21 65.11 65.11 65.11 64.70 64.70 64.70



## ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT 1	BAND 1914-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	115,251 115,584 107,149 107,149 95,765 95,765 94,258 93,882 92,658 97,321	11,384	0.0000 0.0000 0.0000 0.1062 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.8938 1.0000 1.0000 1.0000 1.0000	64.70 64.70 64.70 57.83 57.83 57.83 57.83 57.83
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	97,321 91,497 91,497 91,497 6,299 4,664 4,664 4,664 4,664		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	57.83 57.83 57.83 57.83 57.83 57.83 57.83 57.83 57.83

4,664

1.0000

4,664

99.5

100.5

120

ORIGINAL CURVE ■ 1910-2022 EXPERIENCE 2003-2022 EXPERIENCE 1920-2022 PLACEMENTS 100 IOWA 54-R1 8 ORIGINAL AND SMOOTH SURVIVOR CURVES ACCOUNT 353.00 STATION EQUIPMENT DUKE ENERGY INDIANA AGE IN YEARS 40 20 5 9 9 8 9 20 30 20 РЕВСЕИТ ЗИВУІУІИС

A GANNETT FLEMING

## ACCOUNT 353.00 STATION EQUIPMENT

PLACEMENT	BAND 1910-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	980,950,435	9,887,766	0.0101	0.9899	100.00
0.5	890,292,971	530,266	0.0006	0.9994	98.99
1.5	869,738,253	2,747,593	0.0032	0.9968	98.93
2.5	826,410,363	3,550,320	0.0043	0.9957	98.62
3.5	792,075,299	6,799,806	0.0086	0.9914	98.20
4.5	722,994,568	2,074,694	0.0029	0.9971	97.35
5.5	678,477,846	3,866,439	0.0057	0.9943	97.07
6.5	643,669,787	3,938,498	0.0061	0.9939	96.52
7.5	617,929,100	4,519,875	0.0073	0.9927	95.93
8.5	585,925,988	4,480,937	0.0076	0.9924	95.23
9.5	529,437,615	2,535,160	0.0048	0.9952	94.50
10.5	511,972,244	7,420,376	0.0145	0.9855	94.05
11.5	485,467,870	2,687,318	0.0055	0.9945	92.69
12.5	471,694,766	2,258,058	0.0048	0.9952	92.17
13.5 14.5 15.5	463,759,478 451,905,933 426,623,621 408,540,099	4,094,133 776,392 3,368,852 2,148,463	0.0088 0.0017 0.0079 0.0053	0.9912 0.9983 0.9921 0.9947	91.73 90.92 90.76 90.05
16.5 17.5 18.5	393,080,457 377,861,216 339,720,185	2,148,403 2,033,851 11,987,358 960,688	0.0053 0.0052 0.0317 0.0028	0.9948 0.9683 0.9972	89.57 89.11 86.28
20.5	335,096,718	1,836,925	0.0055	0.9945	86.04
21.5	323,817,550	604,566	0.0019	0.9981	85.57
22.5	291,445,674	1,737,363	0.0060	0.9940	85.41
23.5	291,017,573	1,792,121	0.0062	0.9938	84.90
24.5	276,611,972	1,345,394	0.0049	0.9951	84.38
25.5	269,001,572	2,713,008	0.0101	0.9899	83.97
26.5	263,107,966	4,536,277	0.0172	0.9828	83.12
27.5	241,007,729	917,710	0.0038	0.9962	81.69
28.5	224,272,140	958,511	0.0043	0.9957	81.38
29.5	211,178,645	1,180,770	0.0056	0.9944	81.03
30.5	201,391,874	2,908,626	0.0144	0.9856	80.57
31.5	194,200,433	847,603	0.0044	0.9956	79.41
32.5	181,420,977	1,789,471	0.0099	0.9901	79.06
33.5	172,606,371	2,402,079	0.0139	0.9861	78.28
34.5	162,446,679	8,132,297	0.0501	0.9499	77.19
35.5	153,371,994	2,084,254	0.0136	0.9864	73.33
36.5	147,973,280	1,789,865	0.0121	0.9879	72.33
37.5	143,740,132	1,618,547	0.0113	0.9887	71.46
38.5	139,349,284	897,775	0.0113	0.9887	70.65

#### ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BANK	D 1910-2022		EXPER	IENCE BANI	1956-2022
BEGIN OF B	XPOSURES AT EGINNING OF GE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	127,847,819	1,518,511	0.0119	0.9881	70.20
40.5	108,358,603	790,893	0.0073	0.9927	69.37
41.5	100,962,756	1,211,160	0.0120	0.9880	68.86
42.5	97,461,143	2,448,252	0.0251	0.9749	68.03
43.5	88,123,258	1,158,536	0.0131	0.9869	66.32
44.5	76,281,605	515,806	0.0068	0.9932	65.45
45.5	71,289,032	1,789,823	0.0251	0.9749	65.01
46.5	67,124,580	2,013,876	0.0300	0.9700	63.38
47.5	59,272,832	2,556,858	0.0431	0.9569	61.48
48.5	53,939,756	346,677	0.0064	0.9936	58.82
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 56.5 57.5	53,328,432	617,390	0.0116	0.9884	58.45
	48,660,820	761,981	0.0157	0.9843	57.77
	46,148,974	1,277,235	0.0277	0.9723	56.86
	41,882,730	317,700	0.0076	0.9924	55.29
	40,855,766	219,359	0.0054	0.9946	54.87
	39,154,602	440,292	0.0112	0.9888	54.58
	37,948,581	382,307	0.0101	0.9899	53.96
	37,087,897	1,734,743	0.0468	0.9532	53.42
	34,697,959	1,249,426	0.0360	0.9640	50.92
	32,935,539	1,196,094	0.0363	0.9637	49.09
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	31,475,458 30,500,232 26,570,486 22,920,606 20,603,281 19,065,107 16,438,678 15,650,878 12,712,119 7,582,167	470,352 1,551,483 1,836,669 1,575,843 977,104 837,377 235,053 745,387 402,477 474,592	0.0149 0.0509 0.0691 0.0688 0.0474 0.0439 0.0143 0.0476 0.0317 0.0626	0.9851 0.9491 0.9309 0.9312 0.9526 0.9561 0.9857 0.9524 0.9683 0.9374	47.30 46.60 44.23 41.17 38.34 36.52 34.92 34.42 32.78 31.74
69.5	2,867,707	122,381	0.0427	0.9573	29.75
70.5	2,700,603	386,951	0.1433	0.8567	28.48
71.5	2,151,399	177,554	0.0825	0.9175	24.40

72.5

73.5

74.5

75.5

76.5

77.5

78.5

1,382,049

965,310

835,632

739,856

741,028

600,926

298,489

22.39

21.44

20.29

17.99

17.64

16.62

14.24

0.9576

0.9462

0.8868

0.9804

0.9423

0.8569

0.9983

0.0424

0.0538

0.1132

0.0196

0.0577

0.1431

0.0017

58,604

51,954

94,632

14,479

42,727

85,986

494

## ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT 1	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	300,177 282,339 272,838 264,866 245,718 239,594 233,079 225,480 218,725 217,035	16,869 4,835 7,407 18,983 1,200 6,860 7,819 6,632 1,690 118,045	0.0171 0.0271 0.0717 0.0049 0.0286 0.0335	0.9438 0.9829 0.9729 0.9283 0.9951 0.9714 0.9665 0.9706 0.9923	14.22 13.42 13.19 12.83 11.91 11.85 11.51 11.13 10.80 10.72
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	104,617 101,804 97,363 95,188 63,660 53,699 47,796 47,715 42,060	440 1,984 2,084 31,528 3,650 276 2,016	0.0042	0.9958 0.9805 0.9786 0.6688 0.9427 0.9949 1.0000 0.9578 1.0000	4.89 4.87 4.77 4.67 3.12 2.94 2.93 2.93 2.81 2.81
99.5	18		0.0000	1.0000	2.81

100.5

## ACCOUNT 353.00 STATION EQUIPMENT

PLACEMENT	BAND 1920-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5	643,021,764 558,668,906 541,506,705 509,302,364 488,551,556 435,751,773 396,429,183 363,771,222 357,553,417	9,461,605 306,696 1,932,063 3,391,270 6,244,064 1,421,355 3,440,624 3,301,439 4,069,852	0.0147 0.0005 0.0036 0.0067 0.0128 0.0033 0.0087 0.0091 0.0114	0.9853 0.9995 0.9964 0.9933 0.9872 0.9967 0.9913 0.9909 0.9886	100.00 98.53 98.47 98.12 97.47 96.22 95.91 95.08 94.21
8.5 9.5 10.5 11.5	342,150,188 301,704,618 293,555,269 274,433,289 275,128,610	1,467,815 1,978,116 6,362,916 776,196 1,460,688	0.0043 0.0066 0.0217 0.0028 0.0053	0.9957 0.9934 0.9783 0.9972 0.9947	93.14 92.74 92.13 90.14 89.88
13.5 14.5 15.5 16.5 17.5 18.5	276,374,858 272,585,026 248,656,144 239,732,489 225,235,271 213,790,270	3,673,955 324,734 1,043,118 1,595,492 892,591 9,788,643	0.0133 0.0012 0.0042 0.0067 0.0040 0.0458	0.9867 0.9988 0.9958 0.9933 0.9960 0.9542	89.41 88.22 88.11 87.74 87.16 86.81
19.5 20.5 21.5 22.5 23.5 24.5	195,608,493 211,104,970 208,196,719 179,290,595 187,219,969 186,532,075	561,803 1,618,069 266,181 1,470,164 1,465,379 1,034,919	0.0029 0.0077 0.0013 0.0082 0.0078 0.0055	0.9971 0.9923 0.9987 0.9918 0.9922 0.9945	82.84 82.60 81.97 81.86 81.19 80.56
24.5 25.5 26.5 27.5 28.5	186,532,075 184,704,741 182,734,055 168,397,148 156,610,079 143,862,119	1,034,919 2,157,015 3,512,449 555,279 705,134 842,383	0.0055 0.0117 0.0192 0.0033 0.0045	0.9945 0.9883 0.9808 0.9967 0.9955	80.56 80.11 79.17 77.65 77.40
30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	139,467,867 135,522,967 128,436,432 121,988,924 114,911,102 107,727,765 103,718,012 101,034,772	2,492,434 438,847 958,192 1,966,016 7,785,247 1,768,003 1,241,348 1,229,752	0.0179 0.0032 0.0075 0.0161 0.0678 0.0164 0.0120 0.0122	0.9821 0.9968 0.9925 0.9839 0.9322 0.9836 0.9880 0.9878	76.60 75.23 74.98 74.42 73.22 68.26 67.14 66.34
38.5	97,648,650	512,893	0.0053	0.9947	65.53

## ACCOUNT 353.00 STATION EQUIPMENT

PLACEMENT BAND 1920-2022	EXPERIENCE BAND 2003-2022
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AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	86,957,043	1,206,849	0.0139	0.9861	65.19
40.5	68,651,922	345,481	0.0050	0.9950	64.28
41.5	64,825,812	948,695	0.0146	0.9854	63.96
42.5	65,337,069	2,260,052	0.0346	0.9654	63.02
43.5	57,636,471	817,923	0.0142	0.9858	60.84
44.5	48,059,448	432,403	0.0090	0.9910	59.98
45.5	46,679,235	1,717,975	0.0368	0.9632	59.44
46.5	43,287,410	1,922,963	0.0444	0.9556	57.25
47.5	38,580,761	2,257,253	0.0585	0.9415	54.71
48.5	39,919,007	283,401	0.0071	0.9929	51.51
49.5	46,518,583	614,878	0.0132	0.9868	51.14
50.5	42,616,408	643,946	0.0151	0.9849	50.47
51.5	40,927,293	1,044,665	0.0255	0.9745	49.70
52.5	38,070,144	236,306	0.0062	0.9938	48.44
53.5	37,879,224	188,336	0.0050	0.9950	48.13
54.5	36,382,582	424,016	0.0117	0.9883	47.90
55.5	35,195,853	308,192	0.0088	0.9912	47.34
56.5	34,428,777	1,607,536	0.0467	0.9533	46.92
57.5 58.5	32,644,856 31,889,659	970,378 1,004,118	0.0297	0.9703	44.73 43.40
59.5	30,713,055	465,031	0.0151	0.9849	42.04
60.5	29,784,448	1,486,664	0.0499	0.9501	41.40
61.5	26,017,586	1,836,551	0.0706	0.9294	39.33
62.5	22,383,167	1,575,843	0.0704	0.9296	36.56
63.5	20,069,036	975,816	0.0486	0.9514	33.98
64.5	18,541,001	837,377	0.0452	0.9548	32.33
65.5	15,917,084	235,013	0.0148	0.9852	30.87
66.5	15,143,323	745,316	0.0492	0.9508	30.41
67.5	12,204,651	329,372	0.0270	0.9730	28.92
68.5	7,147,803	473,973	0.0663	0.9337	28.14
69.5	2,433,963	122,183	0.0502	0.9498	26.27
70.5	2,284,070	282,624	0.1237	0.8763	24.95
71.5	1,851,663	176,031	0.0951	0.9049	21.86
72.5	1,087,383	58,604	0.0539	0.9461	19.79
73.5	689,940	51,954	0.0753	0.9247	18.72
74.5	588,608	87,871	0.1493	0.8507	17.31
75.5	499,592	14,479	0.0290	0.9710	14.73
76.5	475,881	19,419	0.0408	0.9592	14.30
77.5	362,722	34,757	0.0958	0.9042	13.72
78.5	296,928	494	0.0017		12.40

## ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT 1	BAND 1920-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	299,901 282,063 272,562 264,866 245,718 239,594 233,079 225,480 218,725 217,035	16,869 4,835 7,407 18,983 1,200 6,860 7,819 6,632 1,690 118,045	0.0562 0.0171 0.0272 0.0717 0.0049 0.0286 0.0335 0.0294 0.0077 0.5439	0.9438 0.9829 0.9728 0.9283 0.9951 0.9714 0.9665 0.9706 0.9923 0.4561	12.38 11.68 11.48 11.17 10.37 10.32 10.03 9.69 9.40 9.33
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	104,617 101,804 97,363 95,188 63,660 53,699 47,796 47,715 42,060	440 1,984 2,084 31,528 3,650 276	0.0042 0.0195 0.0214 0.3312 0.0573 0.0051 0.0000 0.0422 0.0000	0.9958 0.9805 0.9786 0.6688 0.9427 0.9949 1.0000 0.9578 1.0000	4.26 4.24 4.16 4.07 2.72 2.56 2.55 2.44 2.44
99.5 100.5	18		0.0000	1.0000	2.44

ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1910-2022 PLACEMENTS 120 IOWA 80-R3 100 ACCOUNT 354.00 TOWERS AND FIXTURES ORIGINAL AND SMOOTH SURVIVOR CURVES AGE IN YEARS 4 20 <del>ا</del>ه 5 30-9 8 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

DUKE ENERGY INDIANA

## ACCOUNT 354.00 TOWERS AND FIXTURES

PLACEMENT I	BAND 1910-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5	88,147,102 88,019,045 87,464,801	42,222	0.0005 0.0000 0.0000	0.9995 1.0000 1.0000	100.00 99.95 99.95
2.5 3.5 4.5	89,934,373 89,827,913 89,742,238	54,240 83,480	0.0006 0.0009 0.0000	0.9994 0.9991 1.0000	99.95 99.89 99.80
5.5 6.5 7.5	90,327,030 89,860,406 89,857,971	468,260 2,435 29,050	0.0052 0.0000 0.0003	0.9948 1.0000 0.9997	99.80 99.28 99.28
8.5	89,839,426	40,811	0.0005	0.9995	99.25
9.5 10.5 11.5	89,422,396 87,787,048 70,857,506	16,815 20,194 11,102	0.0002 0.0002 0.0002	0.9998 0.9998 0.9998	99.20 99.18 99.16
12.5 13.5	70,847,363 70,681,922	161,346 112,995	0.0023	0.9977	99.14 98.92
14.5 15.5 16.5	70,575,209 70,485,194 70,485,194	4,915 6,764	0.0001 0.0000 0.0001	0.9999 1.0000 0.9999	98.76 98.75 98.75
17.5 18.5	70,478,430 72,572,813	120,240 27,839	0.0017	0.9983	98.74 98.58
19.5 20.5	72,544,974 72,333,339	211,635 1,455,528	0.0029 0.0201	0.9971 0.9799	98.54 98.25
21.5 22.5 23.5	70,877,811 70,865,295 70,490,384	12,516 2,117 34,057	0.0002 0.0000 0.0005	0.9998 1.0000 0.9995	96.27 96.26 96.25
24.5 25.5	70,512,059 70,471,940	87,215 193,946	0.0012 0.0028	0.9988 0.9972	96.21 96.09
26.5 27.5 28.5	69,453,109 69,415,722 69,394,506	37,387 21,216 100,205	0.0005 0.0003 0.0014	0.9995 0.9997 0.9986	95.82 95.77 95.74
29.5 30.5	69,298,409 69,245,395	58,235 85,982	0.0008	0.9992	95.60 95.52
31.5 32.5	69,023,812 68,755,800	1,520 18,881	0.0000	1.0000	95.41 95.40
33.5 34.5	68,664,579 68,162,425	435,188 119,311	0.0063	0.9937	95.38 94.77
35.5 36.5 37.5	67,995,863 66,479,121 66,350,667	391,350 11,636 129,552	0.0058 0.0002 0.0020	0.9942 0.9998 0.9980	94.61 94.06 94.05
38.5	66,175,356	495,324	0.0075	0.9925	93.86

## ACCOUNT 354.00 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT I	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
	1102 1111211111		1411110	1411110	
39.5	65,608,729	99,747	0.0015	0.9985	93.16
40.5	65,412,450	229,043	0.0035	0.9965	93.02
41.5	52,451,983	27,309	0.0005	0.9995	92.69
42.5	50,585,304	201,281	0.0040	0.9960	92.64
43.5	50,213,343	66,236	0.0013	0.9987	92.28
44.5	34,756,416	250,407	0.0072	0.9928	92.15
45.5	32,319,874	28,931	0.0009	0.9991	91.49
46.5	25,445,983	2,554	0.0001	0.9999	91.41
47.5	24,453,488	6,890	0.0003	0.9997	91.40
48.5	16,265,350	4,192	0.0003	0.9997	91.37
49.5	16,247,192	11,682	0.0007	0.9993	91.35
50.5	15,440,739	3,007	0.0002	0.9998	91.28
51.5	15,322,211	,	0.0000	1.0000	91.27
52.5	14,657,112	6,872	0.0005	0.9995	91.27
53.5	14,237,890	21,699	0.0015	0.9985	91.22
54.5	13,937,978	39,627	0.0028	0.9972	91.08
55.5	13,479,087	22,944	0.0017	0.9983	90.83
56.5	12,989,621	8,795	0.0007	0.9993	90.67
57.5	12,489,173	343	0.0000	1.0000	90.61
58.5	12,265,644	68,872	0.0056	0.9944	90.61
59.5	11,791,228	4,377	0.0004	0.9996	90.10
60.5	11,504,518	5,591	0.0005	0.9995	90.06
61.5	10,551,848	1,158	0.0001	0.9999	90.02
62.5	10,406,448	1,100	0.0000	1.0000	90.01
63.5	9,027,366		0.0000	1.0000	90.01
64.5	7,498,730		0.0000	1.0000	90.01
65.5	6,992,047		0.0000	1.0000	90.01
66.5	6,929,088		0.0000	1.0000	90.01
67.5	6,266,057	1,021	0.0002	0.9998	90.01
68.5	5,898,625	8,018	0.0014	0.9986	90.00
	2 272 566	066		0 0007	
69.5 70.5	3,273,566	866 2,205	0.0003 0.0007	0.9997	89.87
70.5	3,272,700 3,270,496	4,405	0.0007	0.9993 1.0000	89.85 89.79
72.5	2,838,101	2,118	0.0007	0.9993	89.79
73.5	2,834,003	2,110	0.0007	0.9991	89.72
74.5	2,831,403	2,000	0.0009	1.0000	89.64
75.5	2,831,403		0.0000	1.0000	89.64
13.5	2,025,013	0 000	0.0000	1.0000	07.04

76.5

77.5

78.5

2,825,813

2,515,526

2,474,913

89.64

89.34

87.90

9,339 0.0033

0.0035

40,613 0.0161

8,772

0.9967

0.9839

## ACCOUNT 354.00 TOWERS AND FIXTURES

PLACEMENT	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5	2,466,140 2,465,306 2,463,265 1,986,030 1,986,030	834 2,041 96,924 5,941	0.0003 0.0008 0.0393 0.0000 0.0030	0.9997 0.9992 0.9607 1.0000 0.9970	87.59 87.56 87.49 84.05 84.05 83.79
84.5	1,980,088		0.0000	1.0000	83.79

120

ORIGINAL CURVE ■ 1910-2022 EXPERIENCE 2003-2022 EXPERIENCE 1937-2022 PLACEMENTS 100 **IOWA 45-R1** # 4 <sup>m4</sup> AGE IN YEARS 40 20 5 9 9 8 9 20 30 20 РЕВСЕИТ ЗИВУІУІИС

DUKE ENERGY INDIANA ACCOUNT 355.00 POLES AND FIXTURES ORIGINAL AND SMOOTH SURVIVOR CURVES

## ACCOUNT 355.00 POLES AND FIXTURES

PLACEMENT	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	685,376,998 632,933,816 561,457,546 533,837,127 482,759,635 421,147,649 350,045,235 318,149,804 298,835,453 251,474,309	105,695 680,770 1,190,437 2,686,500 2,093,712 1,669,624 2,376,083 5,371,720 5,023,588 3,215,005	0.0002 0.0011 0.0021 0.0050 0.0043 0.0040 0.0068 0.0169 0.0168 0.0128	0.9998 0.9989 0.9979 0.9950 0.9957 0.9960 0.9932 0.9831 0.9832 0.9872	100.00 99.98 99.88 99.67 99.16 98.73 98.34 97.67 96.03 94.41
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	212,380,710 193,457,568 180,858,577 169,453,795 152,975,339 143,715,610 134,044,372 126,900,559 121,686,555 116,722,685	2,282,765 3,576,390 1,852,341 1,468,910 1,580,587 909,226 1,165,252 716,009 1,013,810 1,968,186	0.0107 0.0185 0.0102 0.0087 0.0103 0.0063 0.0087 0.0056 0.0083 0.0169	0.9893 0.9815 0.9898 0.9913 0.9897 0.9937 0.9913 0.9944 0.9917 0.9831	93.20 92.20 90.50 89.57 88.79 87.88 87.32 86.56 86.07 85.36
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	109,174,948 105,844,137 99,812,731 93,952,365 88,586,549 86,607,932 83,717,474 81,352,237 75,046,805 70,495,422	1,619,133 1,259,264 1,286,996 1,297,390 879,777 1,779,324 1,073,150 948,201 1,142,852 845,488	0.0148 0.0119 0.0129 0.0138 0.0099 0.0205 0.0128 0.0117 0.0152 0.0120	0.9852 0.9881 0.9871 0.9862 0.9901 0.9795 0.9872 0.9883 0.9848	83.92 82.67 81.69 80.64 79.52 78.73 77.12 76.13 75.24 74.09
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	63,665,163 60,241,254 52,078,681 46,740,460 44,197,990 42,062,611 39,485,117 38,350,551 36,678,768 36,115,545	766,631 1,197,464 1,274,099 923,509 818,687 630,833 412,066 1,197,528 482,633 1,018,584	0.0120 0.0199 0.0245 0.0198 0.0185 0.0150 0.0104 0.0312 0.0132 0.0282	0.9880 0.9801 0.9755 0.9802 0.9815 0.9850 0.9896 0.9688 0.9868	73.20 72.32 70.89 69.15 67.79 66.53 65.53 64.85 62.82 62.00



## ACCOUNT 355.00 POLES AND FIXTURES

PLACEMENT BAND	1910-2022	EXPERIENCE BAND	1956-2022

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	32,619,501 30,821,029 28,614,891 22,888,931 21,688,220 20,372,892 19,428,738	799,842 865,029 1,249,860 333,536 1,010,560 476,958 1,834,491	0.0245 0.0281 0.0437 0.0146 0.0466 0.0234 0.0944	0.9755 0.9719 0.9563 0.9854 0.9534 0.9766 0.9056	60.25 58.77 57.12 54.63 53.83 51.32 50.12
46.5 47.5 48.5	17,178,623 15,946,452 15,479,475	1,034,491 1,079,145 254,311 211,395	0.0628 0.0159 0.0137	0.9372 0.9841 0.9863	45.39 42.54 41.86
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	14,785,677 13,116,658 12,861,751 12,178,056 11,716,450 11,188,109 10,397,563 9,730,460 9,154,172 8,571,464	1,239,597 241,408 212,247 181,704 174,644 527,936 561,731 487,169 565,001 247,908	0.0838 0.0184 0.0165 0.0149 0.0149 0.0472 0.0540 0.0501 0.0617 0.0289	0.9162 0.9816 0.9835 0.9851 0.9851 0.9528 0.9460 0.9499 0.9383 0.9711	41.29 37.83 37.13 36.52 35.97 35.44 33.76 31.94 30.34 28.47
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	8,028,492 7,506,052 6,918,089 6,385,316 5,969,640 5,482,321 5,005,402 4,381,260 3,582,858 2,511,737	245,865 565,432 477,094 285,313 279,302 396,757 520,757 737,300 1,037,134 679,809	0.0306 0.0753 0.0690 0.0447 0.0468 0.0724 0.1040 0.1683 0.2895 0.2707	0.9694 0.9247 0.9310 0.9553 0.9532 0.9276 0.8960 0.8317 0.7105 0.7293	27.64 26.80 24.78 23.07 22.04 21.01 19.49 17.46 14.52 10.32
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,755,973 1,712,508 925,814 523,563 482,972 466,603 336,232 288,316 163,315 154,890	35,376 766,788 353,487 38,715 14,958 130,371 39,919 94,569 8,425 60,238	0.0201 0.4478 0.3818 0.0739 0.0310 0.2794 0.1187 0.3280 0.0516 0.3889	0.9799 0.5522 0.6182 0.9261 0.9690 0.7206 0.8813 0.6720 0.9484 0.6111	7.53 7.37 4.07 2.52 2.33 2.26 1.63 1.43 0.96 0.91

91.5

## DUKE ENERGY INDIANA

## ACCOUNT 355.00 POLES AND FIXTURES

PLACEMENT	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	93,510	998	0.0107	0.9893	0.56
80.5	92,278	4,313	0.0467	0.9533	0.55
81.5	87,965	27,821	0.3163	0.6837	0.53
82.5	28,035		0.0000	1.0000	0.36
83.5	28,035	1,266	0.0451	0.9549	0.36
84.5	26,769	21,508	0.8035	0.1965	0.34
85.5	723		0.0000	1.0000	0.07
86.5	723		0.0000	1.0000	0.07
87.5	723		0.0000	1.0000	0.07
88.5	723		0.0000	1.0000	0.07
89.5	723		0.0000	1.0000	0.07
90.5	723	723	1.0000		0.07

## ACCOUNT 355.00 POLES AND FIXTURES

PLACEMENT	BAND 1937-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	574,229,470	102,849	0.0002	0.9998	100.00
0.5	523,469,530	536,049	0.0010	0.9990	99.98
1.5	457,133,893	1,029,722	0.0023	0.9977	99.88
2.5	433,229,246	2,501,147	0.0058	0.9942	99.65
3.5	386,331,404	1,656,520	0.0043	0.9957	99.08
4.5	326,059,133	1,337,091	0.0041	0.9959	98.65
5.5	254,904,010	1,922,176	0.0075	0.9925	98.25
6.5	225,915,987	4,997,521	0.0221	0.9779	97.51
7.5	214,112,268	4,635,508	0.0216	0.9784	95.35
8.5	171,185,446	2,801,860	0.0164	0.9836	93.29
9.5	140,077,940	1,827,294	0.0130	0.9870	91.76
10.5	123,677,424	3,214,788	0.0260	0.9740	90.56
11.5	120,514,397	1,526,601	0.0127	0.9873	88.21
12.5	114,954,479	1,117,595	0.0097	0.9903	87.09
13.5	101,449,346	1,286,141	0.0127	0.9873	86.25
14.5	95,427,915	683,779	0.0072	0.9928	85.15
15.5	87,823,600	752,313	0.0086	0.9914	84.54
16.5	81,936,172	491,191	0.0060	0.9940	83.82
17.5	77,666,362	746,091	0.0096	0.9904	83.32
18.5	72,438,217	1,378,018	0.0190	0.9810	82.52
19.5	68,948,233	1,147,422	0.0166	0.9834	80.95
20.5	67,476,904	808,866	0.0120	0.9880	79.60
21.5	63,755,737	917,809	0.0144	0.9856	78.64
22.5	62,908,888	932,151	0.0148	0.9852	77.51
23.5	59,855,510	625,505	0.0105	0.9895	76.36
24.5	58,580,805	1,492,371	0.0255	0.9745	75.57
25.5	57,308,104	763,410	0.0133	0.9867	73.64
26.5	55,876,134	749,352	0.0134	0.9866	72.66
27.5	51,072,794	759,829	0.0149	0.9851	71.68
28.5	49,057,199	643,201	0.0131	0.9869	70.62
29.5	43,077,195	581,879	0.0135	0.9865	69.69
30.5	40,526,178	878,743	0.0217	0.9783	68.75
31.5	34,227,385	1,100,949	0.0322	0.9678	67.26
32.5	29,776,030	763,860	0.0257	0.9743	65.10
33.5	27,787,881	675,735	0.0243	0.9757	63.43
34.5	26,272,008	511,223	0.0195	0.9805	61.88
35.5	24,700,566	326,916	0.0132	0.9868	60.68
36.5	24,362,552	983,156	0.0404	0.9596	59.88
37.5	23,330,260	329,387	0.0141	0.9859	57.46
38.5	23,520,588	658,816	0.0280	0.9720	56.65

#### ACCOUNT 355.00 POLES AND FIXTURES

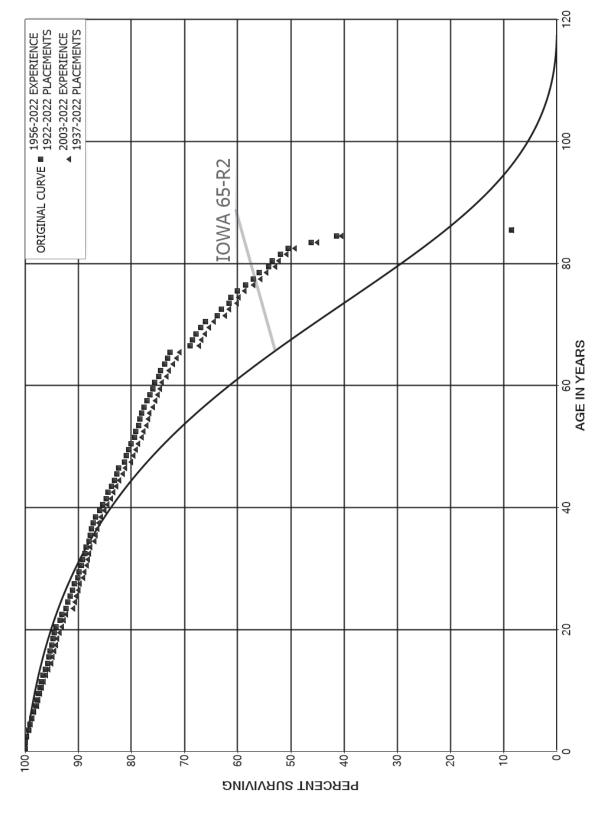
PLACEMENT BAND	1937-2022	EXPERIENCE	BAND	2003-	-2022

1 11101111111	21112 1937 2022			CILITOR DIE	D 2003 2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	20,879,290 20,042,475 18,545,339 13,297,945 12,718,084 12,042,863 11,707,589 10,281,244 10,114,700 10,167,050	485,327 713,756 1,131,209 156,596 878,873 423,396 1,758,774 918,602 190,318 172,280	0.0232 0.0356 0.0610 0.0118 0.0691 0.0352 0.1502 0.0893 0.0188 0.0169	0.9768 0.9644 0.9390 0.9882 0.9309 0.9648 0.8498 0.9107 0.9812 0.9831	55.06 53.78 51.87 48.70 48.13 44.80 43.23 36.74 33.45 32.82
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	11,760,176 10,163,345 10,260,242 11,255,147 10,802,889 10,306,547 9,530,175 8,878,840 8,753,808 8,206,653	1,195,704 219,521 184,576 174,266 164,420 513,763 555,466 480,089 529,448 246,242	0.1017 0.0216 0.0180 0.0155 0.0152 0.0498 0.0583 0.0541 0.0605 0.0300	0.8983 0.9784 0.9820 0.9845 0.9848 0.9502 0.9417 0.9459 0.9395 0.9700	32.27 28.99 28.36 27.85 27.42 27.00 25.66 24.16 22.85 21.47
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	7,687,609 7,168,966 6,591,217 6,307,318 5,893,243 5,408,092 5,004,679 4,380,536 3,582,135 2,511,013	243,627 555,218 477,094 283,712 277,134 396,757 520,757 737,300 1,037,134 679,809	0.0317 0.0774 0.0724 0.0450 0.0470 0.0734 0.1041 0.1683 0.2895 0.2707	0.9683 0.9226 0.9276 0.9550 0.9530 0.9266 0.8959 0.8317 0.7105 0.7293	20.83 20.17 18.61 17.26 16.48 15.71 14.56 13.04 10.85 7.71
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,755,249 1,711,785 925,091 522,839 482,249 465,879 335,508 287,593 162,592 154,166	35,376 766,788 353,487 38,715 14,958 130,371 39,919 94,569 8,425 60,238	0.0202 0.4479 0.3821 0.0740 0.0310 0.2798 0.1190 0.3288 0.0518 0.3907	0.9798 0.5521 0.6179 0.9260 0.9690 0.7202 0.8810 0.6712 0.9482 0.6093	5.62 5.51 3.04 1.88 1.74 1.69 1.21 1.07 0.72 0.68

## ACCOUNT 355.00 POLES AND FIXTURES

PLACEMENT BAND 1937-2022 EXPERIENCE BAND 2003-2022					
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5	92,787 91,555 87,241 27,311 27,311	998 4,313 27,821 1,266	0.0108 0.0471 0.3189 0.0000 0.0463	0.9892 0.9529 0.6811 1.0000 0.9537	0.41 0.41 0.39 0.27 0.27
84.5 85.5	26,046	21,508	0.8258	0.1742	0.25 0.04

DUKE ENERGY INDIANA ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1922-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5	572,536,129 478,333,851 434,825,348 404,394,710	248,036 306,784 724,402 1,619,570	0.0004 0.0006 0.0017 0.0040	0.9996 0.9994 0.9983 0.9960	100.00 99.96 99.89 99.73
3.5 4.5 5.5 6.5 7.5 8.5	379,837,891 345,812,463 317,776,958 291,996,271 274,830,043 246,175,014	1,192,078 913,880 1,101,868 1,293,260 708,295 636,643	0.0031 0.0026 0.0035 0.0044 0.0026 0.0026	0.9969 0.9974 0.9965 0.9956 0.9974	99.33 99.02 98.75 98.41 97.98 97.72
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	229,924,258 218,248,082 212,440,216 208,008,162 198,137,918 191,114,987 177,340,239 166,397,620 162,679,534 162,626,523	748,957 495,689 607,346 1,093,382 864,635 423,811 404,668 507,024 401,260 537,421	0.0033 0.0023 0.0029 0.0053 0.0044 0.0022 0.0023 0.0030 0.0025 0.0033	0.9967 0.9977 0.9971 0.9947 0.9956 0.9978 0.9977 0.9970 0.9975	97.47 97.15 96.93 96.65 96.15 95.73 95.51 95.30 95.01
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	158,565,244 150,328,495 140,516,994 134,598,817 129,706,378 128,313,710 126,539,443 125,220,195 120,684,755 116,703,555	519,157 1,142,884 496,668 1,260,751 348,098 688,990 570,810 531,204 801,778 331,731	0.0033 0.0076 0.0035 0.0094 0.0027 0.0054 0.0045 0.0042 0.0066 0.0028	0.9967 0.9924 0.9965 0.9906 0.9973 0.9946 0.9955 0.9958 0.9934 0.9972	94.46 94.15 93.43 93.10 92.23 91.98 91.49 91.08 90.69 90.09
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	110,340,767 107,791,812 105,723,709 102,398,210 100,288,296 98,539,909 97,722,561 96,211,694 95,526,037 94,018,073	497,711 339,451 471,441 307,406 642,081 213,603 286,471 361,015 468,866 810,778	0.0045 0.0031 0.0045 0.0030 0.0064 0.0022 0.0029 0.0038 0.0049 0.0086	0.9955 0.9969 0.9955 0.9970 0.9936 0.9978 0.9971 0.9962 0.9951 0.9914	89.83 89.43 89.15 88.75 88.48 87.92 87.72 87.47 87.14

## ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT BAND	1922-2022	EXPERIENCE	BAND	1956-2022

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	90,251,186	643,750	0.0071	0.9929	85.96
40.5	87,648,530	608,711	0.0069	0.9931	85.35
41.5	77,148,246	337,704	0.0044	0.9956	84.76
42.5	72,678,355	543,295	0.0075	0.9925	84.39
43.5	70,815,285	469,508	0.0066	0.9934	83.76
44.5	57,950,615	318,209	0.0055	0.9945	83.20
45.5	53,987,707	261,692	0.0048	0.9952	82.74
46.5 47.5	48,019,118 45,910,304	641,226 170,200	0.0134	0.9866	82.34 81.24
48.5	35,622,763	198,731	0.0056	0.9944	80.94
49.5	34,985,827	202,120	0.0058	0.9942	80.49
50.5	33,847,923	273,540	0.0081	0.9919	80.03
51.5 52.5	31,868,740 30,880,887	94,583 186,252	0.0030	0.9970	79.38 79.14
53.5	29,900,006	95,442	0.0032	0.9968	78.67
54.5	29,454,054	114,777	0.0039	0.9961	78.41
55.5	28,236,188	194,501	0.0069	0.9931	78.11
56.5	26,961,052	172,354	0.0064	0.9936	77.57
57.5	26,152,172	186,351	0.0071	0.9929	77.08
58.5	24,697,901	176,789	0.0072	0.9928	76.53
59.5	23,829,801	105,514	0.0044	0.9956	75.98
60.5	22,798,189	234,543	0.0103	0.9897	75.64
61.5	20,766,773	94,697	0.0046	0.9954	74.86
62.5	20,206,976	205,538	0.0102	0.9898	74.52
63.5	17,803,675	150,633	0.0085	0.9915	73.76
64.5	16,669,799	103,723	0.0062	0.9938	73.14
65.5	15,682,494	811,990	0.0518	0.9482	72.68
66.5	14,284,016	92,350	0.0065	0.9935	68.92
67.5	12,368,914	124,612	0.0101	0.9899	68.48
68.5 69.5	11,030,380	138,514	0.0126	0.9874	67.79 66.93
70.5	6,586,428	94,834 215,530	0.0327	0.9673	66.04
71.5	6,333,864	75,522	0.0119	0.9881	63.88
72.5	3,739,428	89,740	0.0240	0.9760	63.11
73.5	3,458,874	17,808	0.0051	0.9949	61.60
74.5	3,413,014	67,719	0.0198	0.9802	61.28
75.5	3,299,343	88,154	0.0267	0.9733	60.07
76.5	3,184,158	78,733	0.0247	0.9753	58.46
77.5 78.5	2,388,044 2,342,489	44,926 72,308	0.0188	0.9812 0.9691	57.02 55.94

## ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1922-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS		GLIDI <i>I</i>	PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	2,170,237	28,881	0.0133	0.9867	54.22
80.5	2,116,548	60,021	0.0284	0.9716	53.50
81.5	2,050,282	59,660	0.0291	0.9709	51.98
82.5	1,589,397	136,247	0.0857	0.9143	50.47
83.5	1,453,150	147,718	0.1017	0.8983	46.14
84.5	1,305,432	1,036,922	0.7943	0.2057	41.45
85.5					8.53

## ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1937-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	427,675,761 339,309,773 302,881,791 274,498,511 252,580,516 220,334,251 189,270,775 164,775,560 151,743,109 127,050,846	245,651 249,813 615,844 1,489,654 753,310 660,818 546,640 1,045,925 369,206 391,820	0.0006 0.0007 0.0020 0.0054 0.0030 0.0030 0.0029 0.0063 0.0024 0.0031	0.9994 0.9993 0.9980 0.9946 0.9970 0.9971 0.9937 0.9976 0.9969	100.00 99.94 99.87 99.67 99.13 98.83 98.53 98.25 97.62 97.39
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	118,260,464 107,965,043 104,292,167 103,299,824 96,036,555 90,569,000 76,464,766 67,033,524 63,993,029 61,557,242	459,459 365,644 432,625 461,672 594,320 269,096 194,172 258,063 195,306 274,126	0.0039 0.0034 0.0041 0.0045 0.0062 0.0030 0.0025 0.0038 0.0031 0.0045	0.9961 0.9966 0.9959 0.9955 0.9938 0.9970 0.9975 0.9962 0.9969	97.09 96.71 96.38 95.98 95.55 94.96 94.68 94.44 94.08 93.79
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	61,017,148 55,208,739 56,798,162 55,735,533 52,929,092 64,346,290 66,982,766 72,043,927 69,471,856 77,026,308	272,546 195,322 277,563 804,709 189,703 165,636 293,573 228,185 484,901 222,190	0.0045 0.0035 0.0049 0.0144 0.0036 0.0026 0.0044 0.0032 0.0070 0.0029	0.9955 0.9965 0.9951 0.9856 0.9964 0.9974 0.9956 0.9968 0.9930 0.9971	93.37 92.95 92.63 92.17 90.84 90.52 90.28 89.89 89.60 88.98
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	71,314,108 70,009,241 70,302,478 68,295,130 67,154,017 65,959,944 66,658,710 66,410,626 66,688,817 66,720,228	352,602 167,012 172,329 213,692 560,294 171,032 247,512 168,865 374,702 548,598	0.0049 0.0024 0.0025 0.0031 0.0083 0.0026 0.0037 0.0025 0.0056 0.0082	0.9951 0.9976 0.9975 0.9969 0.9917 0.9974 0.9963 0.9975 0.9944 0.9918	88.72 88.28 88.07 87.86 87.58 86.85 86.62 86.30 86.08 85.60



#### ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT I	BAND 1937-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	64,072,425 62,757,965 54,332,666 50,565,694 51,207,622 39,581,517 36,701,423 31,492,312	401,812 497,436 235,108 397,846 337,101 290,260 207,252 450,632	0.0063 0.0079 0.0043 0.0079 0.0066 0.0073 0.0056 0.0143	0.9937 0.9921 0.9957 0.9921 0.9934 0.9927 0.9944 0.9857	84.90 84.36 83.70 83.33 82.68 82.13 81.53 81.07
47.5 48.5	31,516,366 22,596,211	156,483 123,086	0.0050 0.0054	0.9950 0.9946	79.91 79.51
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	26,310,675 25,630,072 23,740,684 25,948,301 25,160,137 24,750,583 23,593,219 22,348,322 22,580,097 21,182,500	169,538 220,779 89,365 185,138 90,805 100,227 192,367 143,652 130,305 126,667	0.0064 0.0086 0.0038 0.0071 0.0036 0.0040 0.0082 0.0064 0.0058 0.0060	0.9936 0.9914 0.9962 0.9929 0.9964 0.9960 0.9918 0.9936 0.9942 0.9940	79.08 78.57 77.89 77.60 77.05 76.77 76.46 75.83 75.35 74.91
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	20,480,617 19,493,072 17,469,372 17,641,055 15,254,048 14,127,317 15,682,494 14,284,016 12,368,914 11,030,380	90,349 233,072 94,537 189,244 143,489 103,723 811,990 92,350 124,612 138,514	0.0044 0.0120 0.0054 0.0107 0.0094 0.0073 0.0518 0.0065 0.0101 0.0126	0.9956 0.9880 0.9946 0.9893 0.9906 0.9927 0.9482 0.9935 0.9899 0.9874	74.46 74.14 73.25 72.85 72.07 71.39 70.87 67.20 66.77 66.09
69.5 70.5 71.5 72.5 73.5	7,072,681 6,586,428 6,333,864 3,739,428 3,458,874	94,834 215,530 75,522 89,740 17,808	0.0134 0.0327 0.0119 0.0240 0.0051	0.9866 0.9673 0.9881 0.9760 0.9949	65.26 64.39 62.28 61.54 60.06

74.5

75.5

76.5

77.5

78.5

3,413,014

3,299,343

3,184,158

2,388,044

2,342,489

59.75

58.57

57.00

55.59

54.55

67,719

88,154

78,733

44,926

72,308

0.0198

0.0267

0.0247

0.0188

0.0309

0.9802

0.9733

0.9753

0.9812

# ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT I	BAND 1937-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5	2,170,237 2,116,548 2,050,282 1,589,397 1,453,150 1,305,432	28,881 60,021 59,660 136,247 147,718 1,036,922	0.0133 0.0284 0.0291 0.0857 0.1017 0.7943	0.9867 0.9716 0.9709 0.9143 0.8983 0.2057	52.86 52.16 50.68 49.21 44.99 40.41

ACCOUNT 357.00 UNDERGROUND CONDUIT ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 40-R2 DUKE ENERGY INDIANA

120 ORIGINAL CURVE ■ 2008-2022 EXPERIENCE 2005-2021 PLACEMENTS 9 8 AGE IN YEARS 40 20 <del>ا</del>ه 5 30-9 8 8 9 20 20 РЕВСЕИТ SURVIVING

# ACCOUNT 357.00 UNDERGROUND CONDUIT

PLACEMENT	BAND 2005-2021		EXPER	RIENCE BAN	D 2008-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	229,768 229,768 228,967 212,946 183,687 170,230 163,284 130,780 21,962 14,711	170 4,788 2,292 878 1,138 702	0.0000 0.0007 0.0209 0.0108 0.0048 0.0067 0.0043 0.0000 0.0170 0.0199	1.0000 0.9993 0.9791 0.9892 0.9952 0.9933 0.9957 1.0000 0.9830 0.9801	100.00 100.00 99.93 97.84 96.78 96.32 95.68 95.27 95.27
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5	7,930 7,930 0 0 0 0		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	91.78 91.78 91.78 91.78 91.78 91.78 91.78 91.78 91.78

100

ORIGINAL CURVE ■ 2000-2022 EXPERIENCE 1998-2022 PLACEMENTS 8 8 ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES IOWA 35-R3 2 SURVIVOR CURVES 9 DUKE ENERGY INDIANA 50 AGE IN YEARS ORIGINAL AND SMOOTH 40 30 20 9 <del>ا</del>ه 100 5 9 8 9 20 20 9 РЕВСЕИТ ЗИВУІУІИС



# ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

PLACEMENT	BAND 1998-2022		EXPER	RIENCE BAN	D 2000-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	2,452,819 1,195,073 771,466 791,204 791,527 747,879 747,665 744,193 664,258 657,376	43,360	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9340	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	568,059 546,244 522,477 429,690 427,908 215,869 154,976 117,831 34,950 34,950	89,207 1,435 156,223	0.0000 0.0000 0.1707 0.0033 0.3651 0.0000 0.0000 0.0000	1.0000 1.0000 0.8293 0.9967 0.6349 1.0000 1.0000 1.0000	93.40 93.40 93.40 77.46 77.20 49.01 49.01 49.01 49.01
19.5 20.5 21.5 22.5 23.5 24.5	34,950 34,950 34,950 34,612 19,613		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	49.01 49.01 49.01 49.01 49.01

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ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1910-2022 PLACEMENTS 100 **IOWA 75-R4** 8 ORIGINAL AND SMOOTH SURVIVOR CURVES ACCOUNT 360.10 RIGHTS OF WAY DUKE ENERGY INDIANA AGE IN YEARS 40 20 <del>ا</del>ه 1001 5 30-9 8 8 9 20 20 РЕВСЕИТ SURVIVING

# ACCOUNT 360.10 RIGHTS OF WAY

PLACEMENT	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	3,547,436 2,905,480 2,908,743 2,842,055 1,491,408 1,437,876 1,444,402 1,468,498 1,456,872 1,410,791		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	1,312,402 1,161,700 1,101,640 1,252,451 1,207,740 1,219,850 1,242,396 1,103,762 912,566 846,004		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	838,810 818,502 820,822 822,850 780,244 780,794 783,299 783,888 787,672 784,548		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	798,073 836,552 835,969 839,940 842,340 847,899 848,756 839,148 840,005 842,156		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

# ACCOUNT 360.10 RIGHTS OF WAY

PLACEMENT I	BAND 1910-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	842,156 842,156 842,456 842,456 842,481 842,717 903,137 899,609 899,609 891,496		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	890,906 887,877 886,286 855,887 847,449 845,965 820,686 806,266 788,603 785,678		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	774,880 770,840 767,063 759,500 694,759 676,630 668,572 648,504 594,853 580,784		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	578,480 512,335 500,739 490,241 466,119 425,677 408,681 383,047 372,961 370,560		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

# ACCOUNT 360.10 RIGHTS OF WAY

PLACEMENT F	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	219,195 217,115 205,004 192,854 187,372 182,924 179,767 179,560 178,044 175,724		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	173,696 159,134 158,482 155,978 151,396 147,613 143,449 129,089 89,190 78,730		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	74,759 71,319 65,177 64,368 63,580 62,723 60,573 60,573 60,573		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
109.5 110.5 111.5 112.5	60,573 60,548 60,312		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00

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ORIGINAL CURVE = 1904-2022 EXPERIENCE 2003-2022 EXPERIENCE 1913-2022 PLACEMENTS 100 IOWA 55-R2 ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS 8 ORIGINAL AND SMOOTH SURVIVOR CURVES DUKE ENERGY INDIANA AGE IN YEARS 4 20 <del>|</del>0 5 9 8 8 9 20 40 30 20 РЕВСЕИТ ЗИВУІУІИС



# ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT E	BAND 1904-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	54,365,278 49,067,015 48,603,033 47,760,127 45,703,809 42,949,038 40,318,666 39,088,685 37,323,844 33,563,507	119,516 6,640 11,531 38,070 187,801 27,590 36,376 69,500	0.0000 0.0000 0.0025 0.0001 0.0003 0.0009 0.0047 0.0007 0.0010 0.0021	1.0000 1.0000 0.9975 0.9999 0.9997 0.9991 0.9953 0.9990 0.9979	100.00 100.00 100.00 99.75 99.74 99.72 99.63 99.16 99.09
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	27,057,979 24,309,666 22,135,865 18,569,196 11,706,174 11,319,154 11,257,283 10,893,726 10,507,409 10,315,829	155,582 14,900 285,125 83,288 26,539 12,246 144,059 45,420 126,401 93,558	0.0057 0.0006 0.0129 0.0045 0.0023 0.0011 0.0128 0.0042 0.0120 0.0091	0.9943 0.9994 0.9871 0.9955 0.9977 0.9989 0.9872 0.9958 0.9880 0.9909	98.79 98.22 98.16 96.90 96.46 96.25 96.14 94.91 94.51 93.38
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	10,081,594 9,982,869 9,811,127 9,542,334 9,491,091 9,378,873 9,141,346 8,408,201 7,702,473 5,817,373	17,726 46,569 16,369 15,178 18,394 52,546 15,196 9,519 590,994 33,836	0.0018 0.0047 0.0017 0.0016 0.0019 0.0056 0.0017 0.0011 0.0767 0.0058	0.9982 0.9953 0.9983 0.9984 0.9981 0.9944 0.9983 0.9989 0.9233 0.9942	92.53 92.37 91.94 91.78 91.64 91.46 90.95 90.80 90.69 83.74
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	5,222,706 4,868,757 4,440,842 3,719,469 3,587,137 3,461,598 3,117,031 2,990,478 2,946,777 2,884,983	39,515 3,418 32,488 6,292 6,915 27,517 11,302 21,809 21,459 58,050	0.0076 0.0007 0.0073 0.0017 0.0019 0.0079 0.0036 0.0073 0.0073	0.9924 0.9993 0.9927 0.9983 0.9981 0.9921 0.9964 0.9927 0.9927	83.25 82.62 82.56 81.96 81.82 81.66 81.01 80.72 80.13 79.55



# ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT BAND	1904-2022	EXPERIENCE BA	AND 1956-2022

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5	2,706,774 2,517,169 2,374,504 2,218,077 2,012,139 1,868,447 1,785,786 1,706,949 1,533,568	40,665 21,436 9,358 4,960 18,517 75,803 6,293 156,359 81,313	0.0150 0.0085 0.0039 0.0022 0.0092 0.0406 0.0035 0.0916 0.0530	0.9850 0.9915 0.9961 0.9978 0.9908 0.9594 0.9965 0.9084 0.9470	77.94 76.77 76.12 75.82 75.65 74.95 71.91 71.66 65.10
48.5 49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	1,408,326 1,355,318 1,216,745 1,196,339 1,141,018 1,092,156 1,028,314 955,128 902,317 806,005 766,876	8,091 115,450 2,140 3,702 17,693 12,201 9,109 12,992 63,722 9,757 1,121	0.0057 0.0852 0.0018 0.0031 0.0155 0.0112 0.0089 0.0136 0.0706 0.0121 0.0015	0.9943 0.9148 0.9982 0.9969 0.9845 0.9888 0.9911 0.9864 0.9294 0.9879 0.9985	61.64 61.29 56.07 55.97 55.80 54.93 54.32 53.84 53.10 49.35 48.76
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	744,959 705,063 590,235 571,240 502,868 482,598 415,632 384,638 327,704 120,557	12,524 87,598 14,324 362 1,986 1,277 41,183 184,246 475	0.0013 0.0168 0.1242 0.0000 0.0251 0.0007 0.0041 0.0031 0.1071 0.5622 0.0039	0.9832 0.8758 1.0000 0.9749 0.9993 0.9959 0.9969 0.8929 0.4378 0.9961	48.69 47.87 41.92 41.92 40.87 40.84 40.67 40.55 36.21 15.85
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	119,820 112,133 104,236 96,861 88,723 75,769 74,355 54,826 47,868 42,602	2,142 817 18,491	0.0179 0.0000 0.0078 0.0000 0.0000 0.0000 0.2487 0.0000 0.0000	0.9821 1.0000 0.9922 1.0000 1.0000 0.7513 1.0000 1.0000	15.79 15.51 15.51 15.38 15.38 15.38 15.38 11.56 11.56

# ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT I	BAND 1904-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	41,095 38,957 36,294 27,036 26,395 26,119 25,348 25,348 25,246 25,246	674 222 0	0.0000 0.0000 0.0186 0.0000 0.0000 0.0085 0.0000 0.0000 0.0000	1.0000 1.0000 0.9814 1.0000 1.0000 0.9915 1.0000 1.0000	11.56 11.56 11.56 11.34 11.34 11.34 11.25 11.25
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	25,103 24,428 24,162 23,481 23,225 17,553 16,074 16,074 11,743 6,143	98 1,479	0.0039 0.0000 0.0000 0.0000 0.0000 0.0843 0.0000 0.0000 0.0000	0.9961 1.0000 1.0000 1.0000 0.9157 1.0000 1.0000 1.0000	11.25 11.20 11.20 11.20 11.20 11.20 10.26 10.26 10.26
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	6,143 4,704 4,704 4,704 4,704 4,704 4,248 4,248 4,248 4,248	457	0.0000 0.0000 0.0000 0.0000 0.0000 0.0970 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9030 1.0000 1.0000	10.26 10.26 10.26 10.26 10.26 10.26 9.26 9.26 9.26 9.26

109.5

9.26

# ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT H	BAND 1913-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	44,560,355 39,265,346 38,915,425 38,152,479 35,957,643 33,305,423 30,946,097 30,181,156	119,077 4,868 9,971 31,896 176,898 15,119	0.0000 0.0000 0.0031 0.0001 0.0003 0.0010 0.0057	1.0000 1.0000 0.9969 0.9999 0.9997 0.9990 0.9943	100.00 100.00 100.00 99.69 99.68 99.65 99.56 98.99
7.5	29,153,974	28,259	0.0010	0.9990	98.94
8.5	26,702,327	29,295	0.0011	0.9989	98.84
9.5 10.5 11.5	20,867,308 18,483,170 17,313,483	131,299 268,706	0.0063 0.0000 0.0155	0.9937 1.0000 0.9845	98.74 98.11 98.11
12.5	14,469,031	2,607	0.0002	0.9998	96.59
13.5	7,811,696	17,130	0.0022	0.9978	96.57
14.5	7,557,988	1,504	0.0002	0.9998	96.36
15.5	7,783,515	48,455	0.0062	0.9938	96.34
16.5	7,627,642	21,309	0.0028	0.9972	95.74
17.5	7,299,204	101,601	0.0139	0.9861	95.48
18.5	7,171,548	89,384	0.0125	0.9875	94.15
19.5	7,062,006	5,759	0.0008	0.9992	92.97
20.5	7,131,305	12,692	0.0018	0.9982	92.90
21.5	7,123,185	13,361	0.0019	0.9981	92.73
22.5	7,031,926	6,449	0.0009	0.9991	92.56
23.5	7,220,834	11,013	0.0015	0.9985	92.47
24.5	7,256,674	37,584	0.0052	0.9948	92.33
25.5	7,109,507	6,268	0.0009	0.9991	91.85
26.5	6,479,840	3,594	0.0006	0.9994	91.77
27.5	5,984,893	577,782	0.0965	0.9035	91.72
28.5	4,245,301	25,471	0.0060		82.87
29.5	3,712,576	32,194	0.0087	0.9913	82.37
30.5	3,454,459	1,388	0.0004	0.9996	81.66
31.5	3,149,082	24,993	0.0079	0.9921	81.62
32.5	2,486,563	1,861	0.0007	0.9993	80.98
33.5	2,392,965	2,239	0.0009	0.9991	80.91
34.5	2,316,661	16,243	0.0070	0.9930	80.84
35.5	2,084,953	2,403	0.0012	0.9988	80.27
36.5	2,011,924	7,289	0.0036	0.9964	80.18
37.5	2,024,607	18,347	0.0091	0.9909	79.89
38.5	2,003,367	17,332	0.0087	0.9913	79.17

PLACEMENT BAND 1913-2022

EXPERIENCE BAND 2003-2022

### DUKE ENERGY INDIANA

# ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV	
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF	
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL	
39.5	1,887,196	30,596	0.0162	0.9838	78.48	
40 -	1 751 740	20 200	0 0116	0 0004	77 01	

INTERVAL	AGE INTERVAL	INTERVAL	REIMI	RATIO	INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	1,887,196 1,751,742 1,630,493 1,495,089 1,348,790 1,278,780 1,267,402	30,596 20,298 4,390 4,887 16,449 74,572 2,489	0.0162 0.0116 0.0027 0.0033 0.0122 0.0583 0.0020	0.9838 0.9884 0.9973 0.9967 0.9878 0.9417 0.9980	78.48 77.21 76.31 76.11 75.86 74.93 70.56
46.5 47.5 48.5	1,207,402 1,228,927 1,120,411 1,006,508	145,463 78,747 5,180	0.1184 0.0703 0.0051	0.8816 0.9297 0.9949	70.43 62.09 57.73
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	1,110,608 971,778 954,642 910,297 871,418 826,103 759,771 714,539 641,861 632,048	98,532 1,488 524 17,693 8,928 5,295 6,451 47,047 4,197 1,121	0.0887 0.0015 0.0005 0.0194 0.0102 0.0064 0.0085 0.0658 0.0065	0.9113 0.9985 0.9995 0.9806 0.9898 0.9936 0.9915 0.9342 0.9935 0.9982	57.43 52.33 52.25 52.22 51.21 50.69 50.36 49.93 46.64 46.34
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	610,131 583,595 548,152 538,589 472,719 453,087 388,177 357,516 300,684 93,885	1,298 10,875 12,609 1,986 1,277 41,183 183,898 475	0.0021 0.0186 0.0000 0.0234 0.0000 0.0044 0.0033 0.1152 0.6116 0.0051	0.9979 0.9814 1.0000 0.9766 1.0000 0.9956 0.9967 0.8848 0.3884 0.9949	46.26 46.16 45.30 45.30 44.24 44.24 44.04 43.90 38.84 15.09
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	93,291 86,711 79,080 72,608 64,726 57,444 56,030 36,501 34,645 34,979	1,612 817 18,491	0.0173 0.0000 0.0103 0.0000 0.0000 0.0000 0.3300 0.0000 0.0000	0.9827 1.0000 0.9897 1.0000 1.0000 0.6700 1.0000 1.0000	15.01 14.75 14.75 14.60 14.60 14.60 9.78 9.78 9.78

# ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1913-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5	33,472 32,773 31,589 22,331 21,690 21,414 20,644 20,644 20,541	674 222	0.0000 0.0000 0.0213 0.0000 0.0000 0.0104 0.0000 0.0000	1.0000 1.0000 0.9787 1.0000 1.0000 0.9896 1.0000 1.0000	9.78 9.78 9.78 9.57 9.57 9.57 9.47 9.47
88.5 89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	20,541 25,103 24,428 24,162 23,481 23,225 17,553 16,074 16,074 11,743 6,143	98	0.0000 0.0039 0.0000 0.0000 0.0000 0.0000 0.0843 0.0000 0.0000 0.0000	1.0000 0.9961 1.0000 1.0000 1.0000 1.0000 0.9157 1.0000 1.0000 1.0000	9.47 9.47 9.44 9.44 9.44 9.44 9.44 8.64 8.64 8.64
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	6,143 4,704 4,704 4,704 4,704 4,704 4,248 4,248 4,248 4,248	457	0.0000 0.0000 0.0000 0.0000 0.0000 0.0970 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9030 1.0000 1.0000	8.64 8.64 8.64 8.64 8.64 7.80 7.80 7.80 7.80

109.5

7.80

120

ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1900-2022 PLACEMENTS 2003-2022 EXPERIENCE 1910-2022 PLACEMENTS 100 **IOWA 45-S0** 80 ORIGINAL AND SMOOTH SURVIVOR CURVES ACCOUNT 362.00 STATION EQUIPMENT DUKE ENERGY INDIANA AGE IN YEARS 40 20 1001 7 9 8 8 9 20 30 20 РЕВСЕИТ ЗИВУІУІИС

# ACCOUNT 362.00 STATION EQUIPMENT

PLACEMENT	BAND 1900-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	907,730,009	898,248	0.0010	0.9990	100.00
0.5	833,278,874	788,621	0.0009	0.9991	99.90
1.5	768,336,134	1,817,120	0.0024	0.9976	99.81
2.5	698,338,999	2,531,218	0.0036	0.9964	99.57
3.5	652,311,058	2,849,954	0.0044	0.9956	99.21
4.5	586,901,843	2,188,451	0.0037	0.9963	98.78
5.5	533,743,574	3,238,448	0.0061	0.9939	98.41
6.5	510,610,855	3,237,039	0.0063	0.9937	97.81
7.5	485,910,941	5,934,508	0.0122	0.9878	97.19
8.5	464,413,856	3,863,889	0.0083	0.9917	96.00
9.5	441,013,174	3,447,422	0.0078	0.9922	95.20
10.5	421,660,255	3,229,412	0.0077	0.9923	94.46
11.5	404,836,241	4,229,062	0.0104	0.9896	93.74
12.5	392,534,093	2,721,889	0.0069	0.9931	92.76
13.5	378,940,731	2,129,719	0.0056	0.9944	92.11
14.5	358,228,502	2,783,934	0.0078	0.9922	91.60
15.5	340,297,412	2,901,316	0.0085	0.9915	90.89
16.5	312,987,136	4,577,107	0.0146	0.9854	90.11
17.5	294,534,355	3,580,169	0.0122	0.9878	88.79
18.5	276,016,132	3,978,520	0.0144	0.9856	87.71
19.5	263,598,775	3,448,897	0.0131	0.9869	86.45
20.5	245,511,092	4,579,062	0.0187	0.9813	85.32
21.5	232,195,208	2,491,784	0.0107	0.9893	83.73
22.5	218,903,108	3,246,610	0.0148	0.9852	82.83
23.5	204,062,614	3,659,196	0.0179	0.9821	81.60
24.5	190,454,057	1,464,108	0.0077	0.9923	80.14
25.5	182,822,414	2,171,604	0.0119	0.9881	79.52
26.5	167,962,167	3,554,113	0.0212	0.9788	78.58
27.5	157,092,606	3,427,421	0.0218	0.9782	76.91
28.5	141,622,100	3,678,673	0.0260	0.9740	75.24
29.5	127,528,319	2,762,657	0.0217	0.9783	73.28
30.5	117,504,173	1,489,645	0.0127	0.9873	71.69
31.5	105,126,864	1,930,819	0.0184	0.9816	70.78
32.5	92,711,838	1,574,030	0.0170	0.9830	69.48
33.5	85,708,245	1,501,299	0.0175	0.9825	68.30
34.5	80,388,050	972,930	0.0121	0.9879	67.11
35.5	77,958,400	1,824,247	0.0234	0.9766	66.30
36.5	75,414,074	1,083,556	0.0144	0.9856	64.74
37.5	73,495,237	935,476	0.0127	0.9873	63.81
38.5	71,614,359	1,775,756	0.0248	0.9752	63.00

### ACCOUNT 362.00 STATION EQUIPMENT

PLACEMENT	BAND	1900-2022	EXPERTENCE	BAND	T950-	-2022

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	68,533,661 63,893,601 60,252,951 55,836,206 51,016,219 47,335,282 44,513,461 40,274,379 36,928,918 33,988,532	1,402,197 1,863,448 1,294,516 655,872 1,220,373 1,004,662 1,425,647 1,059,962 1,066,554 1,120,072	0.0205 0.0292 0.0215 0.0117 0.0239 0.0212 0.0320 0.0263 0.0289 0.0330	0.9795 0.9708 0.9785 0.9883 0.9761 0.9788 0.9680 0.9737 0.9711	61.44 60.18 58.43 57.17 56.50 55.15 53.98 52.25 50.87 49.41
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	32,208,812 30,612,698 26,880,365 25,245,667 22,912,219 21,478,784 19,723,387 18,408,765 17,375,024 16,308,516	621,496 2,005,929 1,429,186 1,412,484 1,187,167 1,036,482 943,175 695,923 541,521 693,134	0.0193 0.0655 0.0532 0.0559 0.0518 0.0483 0.0478 0.0378 0.0312 0.0425	0.9807 0.9345 0.9468 0.9441 0.9482 0.9517 0.9522 0.9622 0.9688 0.9575	47.78 46.86 43.79 41.46 39.14 37.11 35.32 33.63 32.36 31.35
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	15,338,655 13,546,811 12,490,383 11,469,888 10,192,129 8,871,359 6,929,582 5,905,441 3,928,600 3,030,986	1,761,068 947,993 868,245 1,132,627 1,317,182 1,857,366 990,943 1,498,905 530,938 707,400	0.1148 0.0700 0.0695 0.0987 0.1292 0.2094 0.1430 0.2538 0.1351 0.2334	0.8852 0.9300 0.9305 0.9013 0.8708 0.7906 0.8570 0.7462 0.8649 0.7666	30.02 26.57 24.71 22.99 20.72 18.05 14.27 12.23 9.12 7.89
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	2,110,866 1,640,639 1,546,726 1,330,978 1,289,478 1,181,548 1,063,751 988,728 815,060 753,333	423,659 23,482 18,753 40,581 33,786 113,328 19,240 58,388 6,981 61,649	0.2007 0.0143 0.0121 0.0305 0.0262 0.0959 0.0181 0.0591 0.0086 0.0818	0.7993 0.9857 0.9879 0.9695 0.9738 0.9041 0.9819 0.9409 0.9914 0.9182	6.05 4.83 4.77 4.71 4.56 4.44 4.02 3.95 3.71 3.68

### ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT F	BAND 1900-2022		EXPE	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	622,332	1,081	0.0017	0.9983	3.38
80.5	611,093	398	0.0007	0.9993	3.37
81.5	554,417	6,130	0.0111	0.9889	3.37
82.5	478,684	1,852	0.0039	0.9961	3.33
83.5	436,672	6,845	0.0157	0.9843	3.32
84.5	384,575	23,370	0.0608	0.9392	3.27
85.5	338,838	4,417	0.0130	0.9870	3.07
86.5	323,799	4,520	0.0140	0.9860	3.03
87.5	319,143	6,738	0.0211	0.9789	2.99
88.5	312,209	32,375	0.1037	0.8963	2.93
89.5	274,827	11,142	0.0405	0.9595	2.62
90.5	262,478	12,711	0.0484	0.9516	2.52
91.5	177,319	24,809	0.1399	0.8601	2.39
92.5	150,448	15,763	0.1048	0.8952	2.06
93.5	130,107	7,417	0.0570	0.9430	1.84
94.5	98,111	1,673	0.0171	0.9829	1.74
95.5	78,039	94	0.0012	0.9988	1.71
96.5	73,930		0.0000	1.0000	1.71
97.5	49,694		0.0000	1.0000	1.71
98.5	10,239		0.0000	1.0000	1.71
99.5	6,759		0.0000	1.0000	1.71
100.5	5,244		0.0000	1.0000	1.71
101.5	3,779		0.0000	1.0000	1.71
102.5	3,032	470	0.1549	0.8451	1.71
103.5	2,372		0.0000	1.0000	1.44
104.5	2,372	72	0.0304	0.9696	1.44
105.5	2,300	795	0.3455	0.6545	1.40
106.5	1,505	284	0.1890	0.8110	0.92
107.5	1,221		0.0000	1.0000	0.74
108.5	1,221		0.0000	1.0000	0.74
109.5	1,214		0.0000	1.0000	0.74

110.5

111.5

112.5

797

797

0.74

0.74

0.74

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# ACCOUNT 362.00 STATION EQUIPMENT

PLACEMENT	BAND 1910-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5	626,077,236 564,691,175 510,676,808 448,534,849 414,447,038 358,112,130	739,425 335,401 1,168,599 1,920,474 2,063,558 1,127,934	0.0012 0.0006 0.0023 0.0043 0.0050 0.0031	0.9988 0.9994 0.9977 0.9957 0.9950 0.9969	100.00 99.88 99.82 99.59 99.17 98.67
5.5 6.5 7.5 8.5	316,299,839 308,325,392 295,079,602 291,130,430	2,398,882 1,402,728 3,908,856 1,665,084	0.0076 0.0045 0.0132 0.0057	0.9924 0.9955 0.9868 0.9943	98.36 97.62 97.17 95.89
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5	285,550,650 277,616,186 277,422,511 277,057,769 271,470,621 257,592,213 243,040,751 217,673,192 200,713,907	2,187,375 1,273,522 3,489,398 1,670,790 1,168,531 1,546,718 1,862,532 3,415,989 2,493,978	0.0077 0.0046 0.0126 0.0060 0.0043 0.0060 0.0077 0.0157 0.0124	0.9923 0.9954 0.9874 0.9940 0.9957 0.9940 0.9923 0.9843 0.9876	95.34 94.61 94.17 92.99 92.43 92.03 91.48 90.78 89.35
18.5 19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	184,768,113 175,189,533 162,309,123 154,010,524 145,705,042 137,262,598 129,360,718 124,459,888 114,880,176 107,896,791 95,911,783	3,216,793 2,687,538 2,093,784 1,563,012 2,538,478 2,653,817 899,929 1,489,632 2,885,619 2,384,390 2,973,075	0.0174 0.0153 0.0129 0.0101 0.0174 0.0193 0.0070 0.0120 0.0251 0.0221 0.0310	0.9826 0.9847 0.9871 0.9899 0.9826 0.9807 0.9930 0.9880 0.9749 0.9779 0.9690	88.24 86.71 85.38 84.27 83.42 81.97 80.38 79.82 78.87 76.88 75.19
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	83,420,545 75,536,576 67,640,211 57,146,083 52,727,626 48,978,372 48,790,045 47,870,237 47,233,222 46,555,699	2,159,706 851,367 1,426,331 1,007,653 955,211 637,161 1,119,162 737,030 640,823 1,459,981	0.0259 0.0113 0.0211 0.0176 0.0181 0.0130 0.0229 0.0154 0.0136 0.0314	0.9741 0.9887 0.9789 0.9824 0.9819 0.9870 0.9771 0.9846 0.9864	72.86 70.97 70.17 68.69 67.48 66.26 65.39 63.89 62.91 62.06



### ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT 1	BAND 1910-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	44,874,742 41,609,076 39,397,319 36,422,529 33,155,388 30,995,961 30,368,480 27,834,833	962,988 1,580,334 853,164 541,893 759,932 680,508 973,351 801,993	0.0215 0.0380 0.0217 0.0149 0.0229 0.0220 0.0321 0.0288	0.9785 0.9620 0.9783 0.9851 0.9771 0.9780 0.9679 0.9712	60.11 58.82 56.59 55.36 54.54 53.29 52.12 50.45
47.5 48.5	26,558,710 25,959,150	696,783 898,660	0.0262 0.0346	0.9738 0.9654	48.99 47.71
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	26,973,173 26,963,422 23,876,348 22,726,679 20,939,737 19,746,015 18,118,862 17,026,251 16,154,836 15,219,866	539,962 1,940,158 1,287,071 1,312,742 1,145,942 995,381 774,418 679,052 540,277 671,810	0.0200 0.0720 0.0539 0.0578 0.0547 0.0504 0.0427 0.0399 0.0334 0.0441	0.9800 0.9280 0.9461 0.9422 0.9453 0.9496 0.9573 0.9601 0.9666 0.9559	46.06 45.13 41.89 39.63 37.34 35.30 33.52 32.08 30.81 29.77
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	14,341,120 12,626,435 11,723,618 10,777,096 9,557,455 8,288,711 6,370,104 5,361,020 3,385,502 2,488,953	1,709,379 935,467 867,004 1,125,682 1,314,439 1,857,137 990,943 1,498,393 530,460 697,774	0.1192 0.0741 0.0740 0.1045 0.1375 0.2241 0.1556 0.2795 0.1567 0.2803	0.8808 0.9259 0.9260 0.8955 0.8625 0.7759 0.8444 0.7205 0.8433 0.7197	28.46 25.07 23.21 21.49 19.25 16.60 12.88 10.88 7.84 6.61
69.5 70.5 71.5 72.5 73.5 74.5	1,581,136 1,130,338 1,122,599 921,742 916,657 848,783	423,503 21,355 17,285 39,751 33,786 33,624	0.2678 0.0189 0.0154 0.0431 0.0369 0.0396	0.7322 0.9811 0.9846 0.9569 0.9631 0.9604	4.76 3.48 3.42 3.36 3.22 3.10



75.5

76.5

77.5

78.5

839,291

805,893

732,579

730,205

2.98

2.91

2.86

2.83

19,209 0.0229

0.0095

0.0844

13,637 0.0169

6,981

61,649

0.9771

0.9831

0.9905

0.9156

# ACCOUNT 362.00 STATION EQUIPMENT

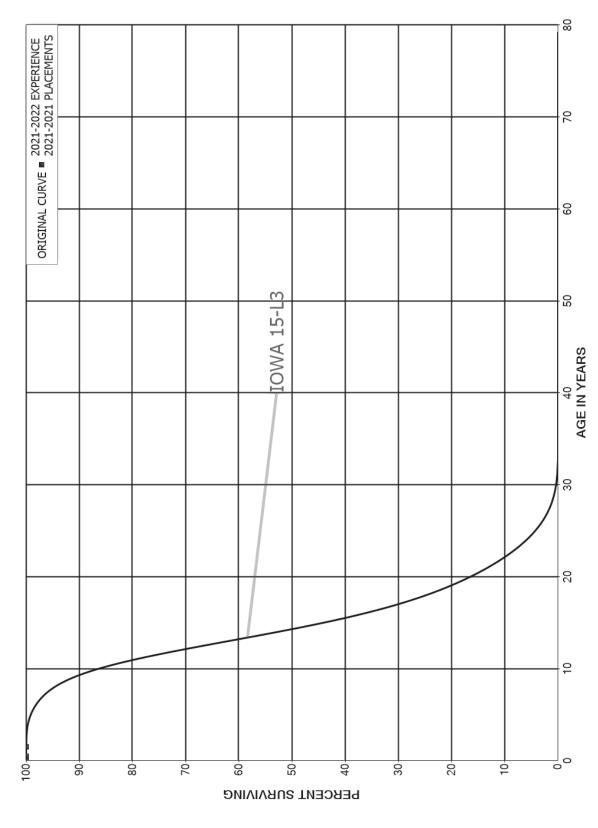
ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1910-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	613,957 605,923 551,691 476,617 434,831 382,735 336,997 321,958 317,303 310,839	1,081 398 6,130 1,852 6,845 23,370 4,417 4,520 6,738 32,375	0.0018 0.0007 0.0111 0.0039 0.0157 0.0611 0.0131 0.0140 0.0212 0.1042	0.9982 0.9993 0.9889 0.9961 0.9843 0.9389 0.9869 0.9860 0.9788 0.8958	2.59 2.59 2.56 2.55 2.51 2.36 2.32 2.29 2.24
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	272,373 260,798 175,640 150,360 130,019 98,023 77,951 73,842 49,606 10,151	11,142 12,711 24,809 15,763 7,417 1,673	0.0409 0.0487 0.1412 0.1048 0.0570 0.0171 0.0012 0.0000 0.0000	0.9591 0.9513 0.8588 0.8952 0.9430 0.9829 0.9988 1.0000 1.0000	2.01 1.93 1.83 1.57 1.41 1.33 1.31 1.30 1.30
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	6,671 5,157 3,691 3,032 2,372 2,372 2,300 1,505 1,221 1,221	470 72 795 284	0.0000 0.0000 0.0000 0.1549 0.0000 0.0304 0.3455 0.1890 0.0000	1.0000 1.0000 1.0000 0.8451 1.0000 0.9696 0.6545 0.8110 1.0000	1.30 1.30 1.30 1.30 1.10 1.10 1.07 0.70 0.57
109.5 110.5 111.5	1,214 797 797		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	0.57 0.57 0.57

112.5

0.57

DUKE ENERGY INDIANA ACCOUNT 363.01 BATTERY STORAGE ORIGINAL AND SMOOTH SURVIVOR CURVES



# ACCOUNT 363.01 BATTERY STORAGE

PLACEMENT I	BAND 2021-2021		EXPER	RIENCE BAN	D 2021-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5	3,265,111 3,265,111		0.0000	1.0000	100.00 100.00 100.00

120

ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1920-2022 PLACEMENTS 100 ACCOUNT 364.00 POLES, TOWERS AND FIXTURES 8 ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 57-R0.5 DUKE ENERGY INDIANA AGE IN YEARS 40 20 <del>|</del>0 100 90 7 30-9 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

# ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

PLACEMENT	BAND 1920-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	829,030,987	4,837,017	0.0058	0.9942	100.00
0.5	716,596,496	2,791,510	0.0039	0.9961	99.42
1.5	654,986,153	4,492,272	0.0069	0.9931	99.03
2.5	606,941,424	5,331,560	0.0088	0.9912	98.35
3.5	557,823,402	4,308,074	0.0077	0.9923	97.49
4.5	518,974,693	4,334,146	0.0084	0.9916	96.73
5.5	504,586,278	3,940,742	0.0078	0.9922	95.93
6.5	483,934,140	3,822,824	0.0079	0.9921	95.18
7.5	457,690,680	3,436,271	0.0075	0.9925	94.42
8.5	433,045,739	3,740,224	0.0086	0.9914	93.72
9.5	410,419,325	3,701,434	0.0090	0.9910	92.91
10.5	386,262,738	4,810,657	0.0125	0.9875	92.07
11.5	373,176,271	3,332,178	0.0089	0.9911	90.92
12.5	355,004,972	2,848,310	0.0080	0.9920	90.11
13.5	341,936,992	2,572,739	0.0075	0.9925	89.39
14.5	338,610,340	2,332,778	0.0069	0.9931	88.71
15.5	327,155,307	2,414,642	0.0074	0.9926	88.10
16.5	317,714,292	2,421,612	0.0076	0.9924	87.45
17.5	302,086,411	2,269,948	0.0075	0.9925	86.79
18.5	294,337,759	2,530,956	0.0086	0.9914	86.13
19.5	287,684,272	2,509,910	0.0087	0.9913	85.39
20.5	279,606,708	2,518,104	0.0090	0.9910	84.65
21.5	265,814,154	2,682,661	0.0101	0.9899	83.89
22.5	252,949,927	2,289,152	0.0090	0.9910	83.04
23.5	244,750,263	2,103,202	0.0086	0.9914	82.29
24.5	233,260,712	2,225,509	0.0095	0.9905	81.58
25.5	219,358,162	1,944,909	0.0089	0.9911	80.80
26.5	206,661,443	1,922,169	0.0093	0.9907	80.09
27.5	191,371,719	1,872,092	0.0098	0.9902	79.34
28.5	177,996,682	1,774,921	0.0100	0.9900	78.56
29.5	164,405,666	1,701,589	0.0103	0.9897	77.78
30.5	152,641,255	1,604,107	0.0105	0.9895	76.98
31.5	140,925,449	1,601,432	0.0114	0.9886	76.17
32.5	129,855,168	1,428,309	0.0110	0.9890	75.30
33.5	119,949,004	1,272,669	0.0106	0.9894	74.47
34.5	111,142,882	1,195,060	0.0108	0.9892	73.68
35.5	103,933,571	1,184,076	0.0114	0.9886	72.89
36.5	97,186,233	1,248,449	0.0128	0.9872	72.06
37.5	91,677,074	1,152,987	0.0126	0.9874	71.14
38.5	85,790,406	1,075,829	0.0125	0.9875	70.24

# ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

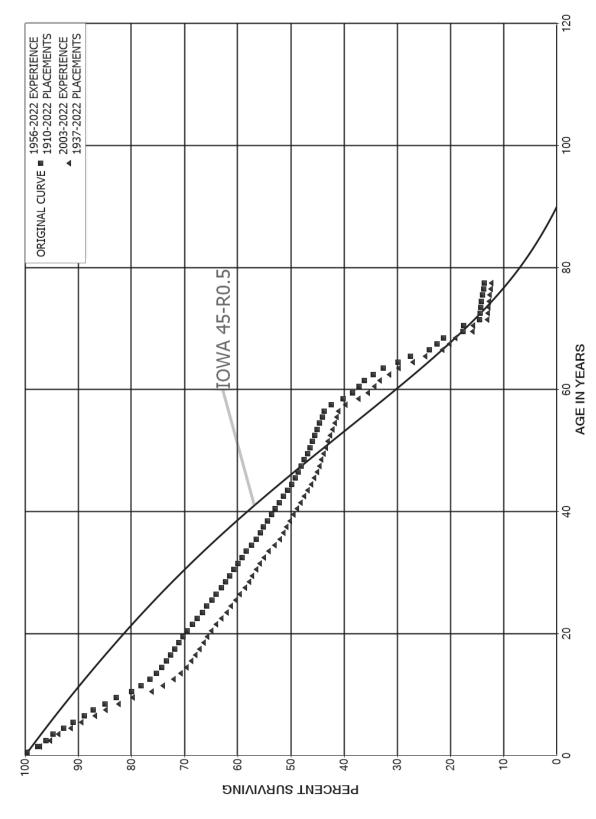
PLACEMENT BAND	1920-2022	EXPERIENCE 1	BAND 1956-2022

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5	80,030,690 75,149,893	956,538 1,110,635	0.0120 0.0148	0.9880 0.9852	69.36 68.53
41.5	69,953,412	974,643	0.0139	0.9861	67.52
42.5	64,223,765	943,114	0.0147	0.9853	66.58
43.5	59,440,371	860,063	0.0145	0.9855	65.60
44.5	55,303,556	888,743	0.0161	0.9839	64.65
45.5	51,228,391	1,495,815	0.0292	0.9708	63.61
46.5	46,118,659	1,350,641	0.0293	0.9707	61.75
47.5	41,135,099	894,461	0.0217	0.9783	59.95
48.5	37,130,742	1,185,107	0.0319	0.9681	58.64
49.5	33,391,657	667,958	0.0200	0.9800	56.77
50.5	30,768,765	482,124	0.0157	0.9843	55.63
51.5	27,832,148	438,593	0.0158	0.9842	54.76
52.5	25,904,227	438,602	0.0169	0.9831	53.90
53.5	24,170,271	317,774	0.0131	0.9869	52.99
54.5	22,708,128	331,878	0.0146	0.9854	52.29
55.5	20,935,212	294,856	0.0141	0.9859	51.53
56.5	19,630,447	341,023	0.0174	0.9826	50.80
57.5	18,662,620	290,871	0.0156	0.9844	49.92
58.5	17,566,899	280,886	0.0160	0.9840	49.14
59.5	16,577,967	322,725	0.0195	0.9805	48.35
60.5	15,521,218	435,417	0.0281	0.9719	47.41
61.5	14,160,450	242,800	0.0171	0.9829	46.08
62.5	12,976,854	252,320	0.0194	0.9806	45.29
63.5	11,713,088	343,737	0.0293	0.9707	44.41
64.5	10,256,990	202,867	0.0198	0.9802	43.11
65.5	8,804,375	241,879	0.0275	0.9725	42.26
66.5	7,556,035	209,009	0.0277	0.9723	41.10
67.5	6,415,590	129,760	0.0202	0.9798	39.96
68.5	5,399,539	126,242	0.0234	0.9766	39.15
69.5	4,621,699	71,523	0.0155	0.9845	38.24
70.5	4,550,176	136,024	0.0299	0.9701	37.64
71.5	4,414,153	149,103	0.0338	0.9662	36.52
72.5	1,344,966	17,064	0.0127	0.9873	35.28
73.5	1,327,902	22,481	0.0169	0.9831	34.84
74.5	1,305,421	11,690	0.0090	0.9910	34.25
75.5	1,293,731	34,840	0.0269	0.9731	33.94
76.5	1,258,891	36,567	0.0290	0.9710	33.03
77.5 78.5	748,695 735,182	13,513 20,757	0.0180	0.9820 0.9718	32.07 31 49
10.5	135,104	40,/5/	0.0282	0.9/10	31.49

# ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

PLACEMENT BAND 1920-2022 EXPERIENCE BAND 19					
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5	714,424 696,586 678,115 341,409 336,052 327,268	17,838 18,471 19,088 5,358 8,784 7,898	0.0250 0.0265 0.0281 0.0157 0.0261 0.0241	0.9750 0.9735 0.9719 0.9843 0.9739 0.9759	30.60 29.84 29.04 28.23 27.78 27.06 26.40

DUKE ENERGY INDIANA ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES ORIGINAL AND SMOOTH SURVIVOR CURVES



# ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1910-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	989,778,112 782,445,535 655,607,957 625,073,735 588,392,453 570,228,306 529,170,499 483,443,522 446,119,351 408,441,374	3,478,636 15,919,323 10,657,571 8,840,495 12,155,873 10,804,783 12,506,975 9,131,688 11,192,459 10,245,623	0.0035 0.0203 0.0163 0.0141 0.0207 0.0189 0.0236 0.0189 0.0251	0.9965 0.9797 0.9837 0.9859 0.9793 0.9811 0.9764 0.9811 0.9749	100.00 99.65 97.62 96.03 94.68 92.72 90.96 88.81 87.14 84.95
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	373,106,839 334,400,873 320,543,614 308,271,855 286,572,531 278,993,277 256,079,374 243,418,926 219,028,521 208,088,766	12,766,120 7,396,843 6,876,072 5,011,387 3,902,759 3,303,792 2,746,870 2,697,263 2,273,611 2,162,076	0.0342 0.0221 0.0215 0.0163 0.0136 0.0118 0.0107 0.0111 0.0104	0.9658 0.9779 0.9785 0.9837 0.9864 0.9882 0.9893 0.9889 0.9896	82.82 79.98 78.22 76.54 75.29 74.27 73.39 72.60 71.80 71.05
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	197,439,596 185,787,272 166,188,213 153,293,647 150,415,835 143,096,934 134,995,368 127,947,190 119,572,299 113,032,110	2,335,926 2,466,630 2,404,528 2,042,241 1,999,965 2,002,486 1,643,127 1,961,884 1,535,603 1,477,799	0.0118 0.0133 0.0145 0.0133 0.0133 0.0140 0.0122 0.0153 0.0128 0.0131	0.9882 0.9867 0.9855 0.9867 0.9860 0.9878 0.9847 0.9872 0.9869	70.31 69.48 68.56 67.57 66.67 65.78 64.86 64.07 63.09 62.28
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	107,147,504 101,667,335 95,436,458 89,779,469 85,198,499 80,766,579 77,512,880 74,661,419 73,060,203 70,181,509	1,311,523 1,242,830 1,286,469 1,200,660 1,492,965 1,248,483 953,680 811,998 1,081,894 921,714	0.0122 0.0122 0.0135 0.0134 0.0175 0.0155 0.0123 0.0109 0.0148 0.0131	0.9878 0.9878 0.9865 0.9866 0.9825 0.9845 0.9877 0.9891 0.9852 0.9869	61.46 60.71 59.97 59.16 58.37 57.35 56.46 55.77 55.16 54.34



# ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT I	BAND 1910-2022		EXPER]	ENCE BAN	ID 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF

AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5 40.5	66,906,650 64,047,333	822,843 934,549	0.0123 0.0146	0.9877	53.63 52.97
41.5 42.5	60,662,020 56,001,639	878,443 856,732	0.0145 0.0153	0.9855 0.9847	52.20 51.44
43.5 44.5	52,863,914 49,788,883	833,163 656,891	0.0158 0.0132	0.9842 0.9868	50.65 49.86
45.5 46.5	46,796,355 43,668,387	555,125 495,326	0.0119 0.0113	0.9881 0.9887	49.20 48.61
47.5	40,635,242	475,622	0.0117	0.9883	48.06
48.5	37,866,071	487,431	0.0129	0.9871	47.50
49.5 50.5	35,006,569 32,697,480	365,953 325,409	0.0105 0.0100	0.9895 0.9900	46.89 46.40
51.5	30,204,291	297,915	0.0100	0.9901	45.94
52.5	28,370,255	282,920	0.0100	0.9900	45.48
53.5 54.5	26,810,080 25,159,235	269,004 273,389	0.0100 0.0109	0.9900 0.9891	45.03 44.58
55.5	23,416,461	210,080	0.0090	0.9910	44.09
56.5 57.5	22,114,371 20,136,957	650,746 1,087,395	0.0294 0.0540	0.9706 0.9460	43.70 42.41
58.5	17,864,917	760,773	0.0426	0.9574	40.12
59.5	16,540,649	516,836	0.0312	0.9688	38.41
60.5 61.5	15,949,273 15,049,000	440,449 688,723	0.0276 0.0458	0.9724 0.9542	37.21 36.19
62.5	14,175,404	804,203	0.0567	0.9433	34.53
63.5 64.5	12,941,789 11,616,826	1,101,525 884,372	0.0851 0.0761	0.9149 0.9239	32.57 29.80
65.5	10,261,557	1,332,211	0.1298	0.8702	27.53
66.5	8,584,543	529,797	0.0617	0.9383	23.96
67.5 68.5	7,853,129 7,172,848	425,170 1,213,647	0.0541 0.1692	0.9459 0.8308	22.48 21.26
69.5	5,890,478	47,824	0.0081	0.9919	17.66
70.5 71.5	5,842,654 4,853,750	988,904 70,102	0.1693 0.0144	0.8307 0.9856	17.52 14.55
72.5	2,966,555	18,964	0.0064	0.9936	14.34
73.5	2,947,591	25,517	0.0087	0.9913	14.25
74.5 75.5	2,922,079 2,888,736	33,323 39,944	0.0114 0.0138	0.9886 0.9862	14.13 13.97
76.5	2,846,737	37,948	0.0133	0.9867	13.77
77.5 78.5	1,983,507 1,974,593	8,913 24,561	0.0045 0.0124	0.9955 0.9876	13.59 13.53
	_,,,,,,,,,	21,301		0.20,0	_3.33

# ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1910-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5	1,950,032 1,932,466 1,911,482 1,288,731 1,279,319 830,349	17,566 20,984 19,624 9,412 448,971 25,627	0.0090 0.0109 0.0103 0.0073 0.3509 0.0309	0.9910 0.9891 0.9897 0.9927 0.6491 0.9691	13.36 13.24 13.10 12.96 12.87 8.35
85.5					8.09

# ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1937-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	799,232,158	3,360,901	0.0042	0.9958	100.00
0.5	601,849,549	15,218,005	0.0253	0.9747	99.58
1.5	487,514,524	9,606,414	0.0197	0.9803	97.06
2.5	471,785,199	7,630,179	0.0162	0.9838	95.15
3.5	438,844,026	10,782,225	0.0246	0.9754	93.61
4.5	427,275,844	9,389,125	0.0220	0.9780	91.31
5.5	387,172,218	11,238,962	0.0290	0.9710	89.30
6.5	347,500,529	7,857,508	0.0226	0.9774	86.71
7.5	317,302,684	9,345,524	0.0295	0.9705	84.75
8.5	286,206,611	9,152,448	0.0320	0.9680	82.25
9.5	256,702,605	11,635,534	0.0453	0.9547	79.62
10.5	221,143,071	6,125,425	0.0277	0.9723	76.02
11.5	214,010,013	5,586,960	0.0261	0.9739	73.91
12.5	208,495,328	4,026,761	0.0193	0.9807	71.98
13.5	191,851,575	2,931,037	0.0153	0.9847	70.59
14.5	188,780,499	2,484,040	0.0132	0.9868	69.51
15.5	167,376,802	1,958,028	0.0117	0.9883	68.60
16.5	157,965,510	1,819,960	0.0115	0.9885	67.79
17.5	136,276,932	1,492,130	0.0109	0.9891	67.01
18.5	124,675,668	1,208,800	0.0097	0.9903	66.28
19.5	118,153,280	1,417,869	0.0120	0.9880	65.64
20.5	110,163,317	1,552,721	0.0141	0.9859	64.85
21.5	94,310,527	1,502,170	0.0159	0.9841	63.94
22.5	86,375,326	1,315,107	0.0152	0.9848	62.92
23.5	87,222,390	1,085,646	0.0124	0.9876	61.96
24.5	83,543,491	1,175,296	0.0141	0.9859	61.19
25.5	79,055,088	1,006,534	0.0127	0.9873	60.33
26.5	75,681,763	1,401,358	0.0185	0.9815	59.56
27.5	70,860,651	822,554	0.0116	0.9884	58.46
28.5	67,879,894	691,370	0.0102	0.9898	57.78
29.5	65,731,625	875,731	0.0133	0.9867	57.19
30.5	63,100,784	752,407	0.0119	0.9881	56.43
31.5	59,962,101	903,212	0.0151	0.9849	55.75
32.5	56,430,732	846,320	0.0150	0.9850	54.91
33.5	53,628,135	1,177,971	0.0220	0.9780	54.09
34.5	50,823,222	918,324	0.0181	0.9819	52.90
35.5	49,482,687	659,854	0.0133	0.9867	51.95
36.5	48,139,957	498,166	0.0103	0.9897	51.25
37.5	48,260,315	635,257	0.0132	0.9868	50.72
38.5	47,104,224	640,121	0.0136	0.9864	50.06

# ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT I	BAND 1937-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5	45,308,984 43,888,226 42,160,591 38,987,960 37,215,701 35,735,738 34,427,859	641,770 593,673 545,281 509,955 561,611 440,345 381,184	0.0142 0.0135 0.0129 0.0131 0.0151 0.0123 0.0111	0.9858 0.9865 0.9871 0.9869 0.9849 0.9877 0.9889	49.38 48.68 48.02 47.40 46.78 46.07 45.50
46.5 47.5 48.5	32,758,321 30,837,700 29,313,480	326,108 279,857 265,459	0.0100 0.0091 0.0091	0.9900 0.9909 0.9909	45.00 44.55 44.15
49.5 50.5 51.5 52.5 53.5 54.5 55.5	27,404,513 25,190,849 22,565,088 24,718,195 23,206,566 21,611,702 19,915,866 18,659,063	270,528 227,699 246,056 234,317 213,024 226,391 163,783 589,813	0.0099 0.0090 0.0109 0.0095 0.0092 0.0105 0.0082 0.0316	0.9901 0.9910 0.9891 0.9905 0.9908 0.9895 0.9918	43.75 43.32 42.92 42.46 42.05 41.67 41.23 40.89
57.5 58.5 59.5 60.5 61.5 62.5 63.5	17,707,924 15,456,676 14,151,278 13,590,624 12,708,243 12,543,272 11,391,035	1,066,683 741,893 486,115 404,008 687,843 722,766 1,037,496	0.0602 0.0480 0.0344 0.0297 0.0541 0.0576 0.0911	0.9398 0.9520 0.9656 0.9703 0.9459 0.9424 0.9089	39.60 37.21 35.43 34.21 33.19 31.40 29.59
64.5 65.5 66.5 67.5 68.5	10,129,989 10,253,219 8,576,205 7,844,790 7,164,510 5,882,383	873,096 1,332,211 529,797 425,170 1,213,404 47,824	0.0862 0.1299 0.0618 0.0542 0.1694	0.9138 0.8701 0.9382 0.9458 0.8306	26.89 24.58 21.38 20.06 18.97
70.5	5,834,559	988,904	0.1695	0.8305	15.63

71.5

72.5

73.5

74.5

75.5

76.5

77.5

78.5

4,845,655

2,958,459

2,939,495

2,913,983

2,885,962

2,846,663

1,983,507

1,974,593

12.98

12.79

12.71

12.60

12.48

12.31

12.15

12.09

70,102

25,517

39,299

37,874

8,913

24,561

28,001

18,964

0.0145

0.0064

0.0087

0.0096

0.0136

0.0133

0.0045

0.0124

0.9855

0.9936

0.9913

0.9904

0.9864

0.9867

0.9955

0.9876

# ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT I	BAND 1937-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5	1,950,032 1,932,466 1,911,482 1,288,731 1,279,319 830,349	17,566 20,984 19,624 9,412 448,971 25,627	0.0090 0.0109 0.0103 0.0073 0.3509 0.0309	0.9910 0.9891 0.9897 0.9927 0.6491 0.9691	11.94 11.84 11.71 11.59 11.50 7.47 7.23

120

ORIGINAL CURVE = 1937-2022 EXPERIENCE 1993-2022 EXPERIENCE 1937-2022 PLACEMENTS 100 IOWA 60-R2 8 ORIGINAL AND SMOOTH SURVIVOR CURVES ACCOUNT 366.00 UNDERGROUND CONDUIT DUKE ENERGY INDIANA AGE IN YEARS 40 20 <del>ا</del>ه 5 30-9 9 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

A GANNETT FLEMING

## ACCOUNT 366.00 UNDERGROUND CONDUIT

PLACEMENT I	BAND 1937-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	76,787,260 59,665,891 51,218,891 52,509,918 50,877,914 50,580,460 43,006,609 39,383,964 32,291,739 26,012,545	55,864 303,195 267,836 191,676 48,101 170,998 137,506 128,794 123,552 106,146	0.0007 0.0051 0.0052 0.0037 0.0009 0.0034 0.0032 0.0033 0.0038 0.0041	0.9993 0.9949 0.9948 0.9963 0.9991 0.9966 0.9968 0.9967 0.9962 0.9959	100.00 99.93 99.42 98.90 98.54 98.45 98.11 97.80 97.48
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5	21,778,680 15,140,433 13,313,268 12,542,023 11,310,004 11,017,400 9,664,169 9,088,672 8,563,560	174,215 158,593 140,159 78,616 20,472 35,920 11,945 32,813 5,792	0.0080 0.0105 0.0105 0.0063 0.0018 0.0033 0.0012 0.0036 0.0007	0.9920 0.9895 0.9895 0.9937 0.9982 0.9967 0.9988 0.9964 0.9993	96.71 95.94 94.93 93.93 93.34 93.17 92.87 92.76 92.42
18.5 19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	7,931,561 7,313,168 6,953,416 6,360,341 6,074,993 5,962,919 5,901,917 5,734,989 5,600,205 5,360,295 5,090,001	11,719 12,122 11,628 15,561 20,788 16,548 18,487 10,988 15,923 9,452 15,352	0.0015 0.0017 0.0017 0.0024 0.0034 0.0028 0.0031 0.0019 0.0028 0.0018 0.0030	0.9985 0.9983 0.9976 0.9966 0.9972 0.9969 0.9981 0.9972 0.9982 0.9970	92.36 92.22 92.07 91.91 91.69 91.38 91.12 90.84 90.66 90.41 90.25
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	4,880,570 4,485,526 4,142,857 3,717,457 3,472,383 3,410,910 3,331,978 3,273,898 3,210,928 3,110,640	11,224 13,346 28,624 19,207 22,781 20,668 26,070 31,633 34,162 33,239	0.0023 0.0030 0.0069 0.0052 0.0066 0.0061 0.0078 0.0097 0.0106 0.0107	0.9977 0.9970 0.9931 0.9948 0.9934 0.9939 0.9922 0.9903 0.9894 0.9893	89.97 89.77 89.50 88.88 88.42 87.84 87.31 86.63 85.79 84.88

## ACCOUNT 366.00 UNDERGROUND CONDUIT

PLACEMENT BAND	1937_2022	EXPERTENCE	DVMD	1956-2022

I DITCHTIDIVI	21112 1937 2022			CILITOR DIE	D 1950 2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	3,019,239 2,895,126 2,762,059 2,594,717 2,508,189 2,374,116 2,170,242 2,027,449 1,851,046 1,698,304	41,830 50,509 41,042 38,364 47,336 70,127 68,864 33,335 34,549 26,838	0.0139 0.0174 0.0149 0.0148 0.0189 0.0295 0.0317 0.0164 0.0187 0.0158	0.9861 0.9826 0.9851 0.9852 0.9811 0.9705 0.9683 0.9836 0.9813 0.9842	83.97 82.81 81.36 80.15 78.97 77.48 75.19 72.80 71.61 70.27
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	1,321,781 1,212,124 1,119,633 974,428 905,859 726,376 701,317 670,721 578,980 546,620	24,107 11,115 8,848 7,949 5,882 8,345 12,239 27,815 32,275 17,064	0.0182 0.0092 0.0079 0.0082 0.0065 0.0115 0.0175 0.0415 0.0557 0.0312	0.9818 0.9908 0.9921 0.9918 0.9935 0.9885 0.9825 0.9585 0.9443 0.9688	69.16 67.90 67.28 66.74 66.20 65.77 65.01 63.88 61.23 57.82
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	519,373 461,709 397,011 365,894 269,630 257,026 222,668 169,483 151,635 147,430	42,908 64,698 31,117 5,754 4,832 15,044 3,124 2,296 3,355 4,935	0.0826 0.1401 0.0784 0.0157 0.0179 0.0585 0.0140 0.0135 0.0221 0.0335	0.9174 0.8599 0.9216 0.9843 0.9821 0.9415 0.9860 0.9865 0.9779 0.9665	56.01 51.38 44.18 40.72 40.08 39.36 37.06 36.54 36.04 35.25
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,003 973 969 969 944 935 886 453 67	30 4 25 9 49 433 370 45	0.0301 0.0039 0.0000 0.0263 0.0095 0.0525 0.4885 0.8173 0.6667 0.1000	0.9699 0.9961 1.0000 0.9737 0.9905 0.9475 0.5115 0.1827 0.3333 0.9000	34.07 33.04 32.91 32.91 32.05 31.74 30.08 15.38 2.81 0.94

## ACCOUNT 366.00 UNDERGROUND CONDUIT

PLACEMENT BAND 1937-2022 EXPERIENCE BAND 1956-202						
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
79.5 80.5	20 20	11	0.0000 0.5556	1.0000 0.4444	0.84 0.84	
81.5 82.5	9 7	2	0.2500 0.0000	0.7500 1.0000	0.37 0.28	
83.5 84.5 85.5	7 7		0.0000	1.0000	0.28 0.28 0.28	

## ACCOUNT 366.00 UNDERGROUND CONDUIT

PLACEMENT I	BAND 1937-2022		EXPER	RIENCE BAN	D 1993-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	72,104,608 55,366,436 47,279,192 48,614,830 47,230,912 46,979,556 39,473,553 35,906,020 28,852,213 22,666,132	55,864 303,195 265,750 188,063 46,888 168,847 120,453 128,007 110,902 104,453	0.0008 0.0055 0.0056 0.0039 0.0010 0.0036 0.0031 0.0036 0.0038	0.9992 0.9945 0.9944 0.9961 0.9990 0.9964 0.9964 0.9962 0.9954	100.00 99.92 99.38 98.82 98.43 98.34 97.98 97.68 97.34
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	18,502,603 11,968,039 10,248,097 9,642,011 8,479,464 8,303,198 7,130,156 6,662,247 6,334,572 5,862,725	173,539 157,149 136,996 78,060 20,472 31,022 9,123 19,834 5,314 11,266	0.0094 0.0131 0.0134 0.0081 0.0024 0.0037 0.0013 0.0030 0.0008	0.9906 0.9869 0.9866 0.9919 0.9976 0.9963 0.9987 0.9970 0.9992	96.52 95.61 94.35 93.09 92.34 92.12 91.77 91.65 91.38 91.31
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	5,680,584 5,434,688 4,954,692 4,861,670 4,838,249 5,042,463 4,904,045 4,807,931 4,668,285 4,398,134	12,122 11,628 15,561 20,368 16,548 18,373 10,988 15,923 9,452 15,352	0.0021 0.0021 0.0031 0.0042 0.0034 0.0036 0.0022 0.0033 0.0020 0.0035	0.9979 0.9979 0.9969 0.9958 0.9966 0.9964 0.9978 0.9967 0.9980 0.9965	91.13 90.94 90.74 90.46 90.08 89.77 89.44 89.24 88.95 88.77
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	4,205,668 3,825,756 3,483,087 3,070,679 2,924,585 2,880,647 2,844,411 2,903,956 2,858,202 2,761,916	11,224 13,346 15,632 19,207 22,781 20,668 26,070 31,633 34,162 33,239	0.0027 0.0035 0.0045 0.0063 0.0078 0.0072 0.0092 0.0109 0.0120	0.9973 0.9965 0.9955 0.9937 0.9922 0.9928 0.9908 0.9891 0.9880 0.9880	88.46 88.22 87.91 87.52 86.97 86.29 85.67 84.89 83.96 82.96

## ACCOUNT 366.00 UNDERGROUND CONDUIT

PLACEMENT.	BAND	1937-2022	EXPERTENCE	BAND	1993-2022

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	3,018,015	41,830	0.0139	0.9861	81.96
40.5	2,893,903	50,509	0.0175	0.9825	80.83
41.5	2,760,835	41,042	0.0149	0.9851	79.41
42.5	2,593,493	38,364	0.0148	0.9852	78.23
43.5	2,506,966	47,336	0.0189	0.9811	77.08
44.5	2,372,892	70,127	0.0296	0.9704	75.62
45.5	2,169,019	68,864	0.0317	0.9683	73.39
46.5	2,026,226	33,335	0.0165	0.9835	71.06
47.5	1,850,109	34,549	0.0187	0.9813	69.89
48.5	1,697,368	26,838	0.0158	0.9842	68.58
49.5	1,320,844	24,107	0.0183	0.9817	67.50
50.5	1,211,188	11,115	0.0092	0.9908	66.27
51.5	1,118,697	8,848	0.0079	0.9921	65.66
52.5	973,492	7,949	0.0082	0.9918	65.14
53.5	904,922	5,882	0.0065	0.9935	64.61
54.5	725,440	8,345	0.0115	0.9885	64.19
55.5	701,317	12,239	0.0175	0.9825	63.45
56.5	670,721	27,815	0.0415	0.9585	62.34
57.5	578,980	32,275	0.0557	0.9443	59.76
58.5	546,620	17,064	0.0312	0.9688	56.43
59.5	519,373	42,908	0.0826	0.9174	54.66
60.5	461,709	64,698	0.1401	0.8599	50.15
61.5	397,011	31,117	0.0784	0.9216	43.12
62.5	365,894	5,754	0.0157	0.9843	39.74
63.5	269,630	4,832	0.0179	0.9821	39.12
64.5	257,026	15,044	0.0585	0.9415	38.42
65.5 66.5 67.5 68.5	222,668 169,483 151,635 147,430	3,124 2,296 3,355 4,935	0.0140 0.0135 0.0221 0.0335 0.0301	0.9860 0.9865 0.9779 0.9665	36.17 35.66 35.18 34.40
70.5 71.5 72.5 73.5 74.5	973 969 969 944 935	4 25 9 49	0.0039 0.0000 0.0263 0.0095 0.0525	0.9961 1.0000 0.9737 0.9905 0.9475	32.25 32.12 32.12 31.28 30.98
75.5	886	433	0.4885	0.5115	29.35
76.5	453	370	0.8173	0.1827	15.01
77.5	67	45	0.6667	0.3333	2.74
78.5	22	2	0.1000	0.9000	0.91

## ACCOUNT 366.00 UNDERGROUND CONDUIT

PLACEMENT BAND 1937-2022 EXPERIENCE BAND 1993-2022					
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	20		0.0000	1.0000	0.82
80.5	20	11	0.5556	0.4444	0.82
81.5	9	2	0.2500	0.7500	0.37
82.5	7		0.0000	1.0000	0.27
83.5	7		0.0000	1.0000	0.27
84.5	7		0.0000	1.0000	0.27
85.5					0.27

120

ORIGINAL CURVE = 1924-2022 EXPERIENCE 2003-2022 EXPERIENCE 1924-2022 PLACEMENTS 100 IOWA 60-R2 ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES 8 ORIGINAL AND SMOOTH SURVIVOR CURVES DUKE ENERGY INDIANA AGE IN YEARS 4 20 <del>ا</del>ه 5 9 8 8 9 20 30 20

A GANNETT FLEMING

РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

PLACEMENT H	BAND 1924-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	814,830,490 650,312,062 563,798,466 541,873,470 504,858,266 497,461,800 468,218,615 448,083,023 430,075,568 418,344,034	446,795 1,757,819 1,770,325 1,683,845 2,014,556 1,584,256 1,934,892 1,534,041 1,743,622 2,175,809	0.0005 0.0027 0.0031 0.0031 0.0040 0.0032 0.0041 0.0034 0.0041	0.9995 0.9973 0.9969 0.9969 0.9960 0.9959 0.9966 0.9959 0.9948	100.00 99.95 99.68 99.36 99.05 98.66 98.34 97.94 97.60
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	407,080,981 392,911,120 385,039,674 376,777,476 357,009,408 342,291,345 311,665,065 296,863,648 280,502,424 264,069,348	1,486,255 1,350,286 1,149,556 980,355 869,117 817,118 841,443 679,477 718,096 702,789	0.0037 0.0034 0.0030 0.0026 0.0024 0.0027 0.0023 0.0026 0.0027	0.9963 0.9966 0.9970 0.9974 0.9976 0.9973 0.9977 0.9974 0.9973	96.70 96.35 96.02 95.73 95.48 95.25 95.02 94.76 94.55 94.31
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	253,716,279 243,472,079 224,746,212 205,933,417 191,994,345 177,512,144 159,240,877 142,779,042 124,318,670 108,853,868	794,340 694,653 614,501 706,994 702,880 612,926 666,535 581,811 517,839 416,873	0.0031 0.0029 0.0027 0.0034 0.0037 0.0035 0.0042 0.0041 0.0042	0.9969 0.9971 0.9973 0.9966 0.9963 0.9965 0.9958 0.9958	94.05 93.76 93.49 93.24 92.92 92.58 92.26 91.87 91.50 91.12
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	96,580,967 86,955,023 78,807,126 68,663,104 61,240,891 53,482,095 47,811,635 43,478,355 40,499,449 37,414,075	484,429 431,241 371,729 342,618 376,870 315,306 323,657 325,851 325,147 346,499	0.0050 0.0050 0.0047 0.0050 0.0062 0.0059 0.0068 0.0075 0.0080 0.0093	0.9950 0.9950 0.9953 0.9950 0.9938 0.9941 0.9932 0.9925 0.9920	90.77 90.31 89.86 89.44 88.99 88.45 87.92 87.33 86.67 85.98

PLACEMENT BAND 1924-2022

EXPERIENCE BAND 1956-2022

#### DUKE ENERGY INDIANA

#### ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	34,217,988 31,464,225 27,636,203 23,310,860 19,464,022 15,639,232 12,100,403 9,793,225 7,530,483 5,619,595	341,669 320,200 300,782 291,318 248,127 209,662 180,340 149,640 521,279	0.0100 0.0102 0.0109 0.0125 0.0127 0.0134 0.0149 0.0153 0.0692 0.1941	0.9900 0.9898 0.9891 0.9875 0.9873 0.9866 0.9851 0.9847 0.9308 0.8059	85.18 84.33 83.47 82.57 81.53 80.49 79.41 78.23 77.04 71.70
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	3,619,393 3,646,438 1,983,269 1,289,139 990,822 800,804 376,426 282,785 268,954 202,900 154,787	997,352 390,452 170,316 101,505 363,378 75,724 12,246 7,806 4,110 4,211	0.1941 0.2735 0.1969 0.1321 0.1024 0.4538 0.2012 0.0433 0.0290 0.0203 0.0272	0.7265 0.8031 0.8679 0.8976 0.5462 0.7988 0.9567 0.9710 0.9797	57.79 41.98 33.72 29.26 26.26 14.35 11.46 10.96 10.65 10.43
59.5 60.5 61.5 62.5 63.5 64.5	113,158 65,995 45,860 44,155 41,235 39,536	3,015 1,314 1,133 2,321 3,247 891	0.0266 0.0199 0.0247 0.0526 0.0788 0.0225	0.9734 0.9801 0.9753 0.9474 0.9212 0.9775	10.15 9.88 9.68 9.44 8.94 8.24

227 0.0112

286 0.0274

0.0144

0.0099

0.0132

0.0053

0.0096

0.0000

0.0001

0.0001

0.0321

0.0067

0.0138

0 0.0001

205

126

50

91

0

0

0

239

37

74

124

0.9888

0.9856

0.9901

0.9726

0.9868

0.9947

0.9904

1.0000

0.9999

0.9999

0.9999

0.9679

0.9933

0.9862

65.5

66.5

67.5

68.5

69.5

70.5

71.5

72.5

73.5

74.5

75.5

76.5

77.5

78.5

20,276

14,266

12,599

10,406

9,567

9,441

9,391

4,690

4,689

4,689

4,689

7,449

5,423

5,387

8.05

7.96

7.85

7.77

7.56

7.46

7.42

7.35

7.35

7.35

7.35

7.35

7.11

7.06

## ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2022 EXPERIEN					D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5	5,312 5,200 4,747 3,930	112 454 0	0.0211 0.0872 0.0001 0.0001	0.9789 0.9128 0.9999 0.9999	6.97 6.82 6.22 6.22
83.5 84.5 85.5 86.5	3,930 3,930 2,344 2,344	0	0.0001 0.0001 0.0000 0.0000	0.9999 0.9999 1.0000 1.0000	6.22 6.22 6.22 6.22
87.5 88.5	2,344 2,344	52	0.0000 0.0222	1.0000 0.9778	6.22 6.22
89.5 90.5 91.5 92.5 93.5 94.5 95.5	2,292 1,615 1,563 1,224 859 755	677 52 339 365 104	0.2955 0.0323 0.2167 0.2979 0.1212 0.0000 0.0000	0.7045 0.9677 0.7833 0.7021 0.8788 1.0000 1.0000	6.08 4.29 4.15 3.25 2.28 2.00 2.00
96.5 97.5	755 729	26 26	0.0345 0.0357	0.9655 0.9643	2.00 1.94

98.5

1.87

## ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

PLACEMENT H	BAND 1924-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	542,407,574 388,187,173 322,047,876 320,363,686 299,534,433 308,229,773 298,699,042 296,401,761 298,053,134 303,137,354	374,607 1,473,021 1,297,557 1,108,609 1,408,701 1,028,157 1,606,698 1,194,136 1,409,538 1,383,176	0.0007 0.0038 0.0040 0.0035 0.0047 0.0033 0.0054 0.0040 0.0047	0.9993 0.9962 0.9960 0.9965 0.9953 0.9967 0.9946 0.9960 0.9953	100.00 99.93 99.55 99.15 98.81 98.34 98.01 97.49 97.09
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	305,352,694 301,837,021 303,003,274 305,592,535 293,856,950 287,500,240 262,816,458 252,883,223 239,300,177 225,573,252	1,183,569 1,116,155 920,605 818,679 707,971 695,479 762,615 558,671 550,024 571,258	0.0039 0.0037 0.0030 0.0027 0.0024 0.0029 0.0029 0.0022 0.0023	0.9961 0.9963 0.9970 0.9973 0.9976 0.9976 0.9971 0.9978 0.9977	96.19 95.82 95.47 95.18 94.92 94.69 94.46 94.19 93.98 93.77
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	217,988,169 210,284,569 195,503,844 181,282,840 171,239,155 160,877,626 146,344,108 132,252,857 116,165,203 102,559,933	673,849 596,830 557,765 524,392 517,332 493,875 577,728 490,223 429,773 384,282	0.0031 0.0028 0.0029 0.0029 0.0030 0.0031 0.0039 0.0037 0.0037	0.9969 0.9972 0.9971 0.9970 0.9969 0.9961 0.9963 0.9963	93.53 93.24 92.98 92.71 92.44 92.16 91.88 91.52 91.18 90.84
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	91,938,588 83,349,548 75,955,822 66,244,761 59,299,343 51,918,189 46,450,702 42,331,117 39,539,933 36,540,267	410,536 392,573 353,927 329,705 355,508 312,137 312,405 323,696 323,536 332,489	0.0045 0.0047 0.0047 0.0050 0.0060 0.0067 0.0076 0.0082 0.0091	0.9955 0.9953 0.9950 0.9940 0.9940 0.9933 0.9924 0.9918 0.9909	90.50 90.10 89.67 89.25 88.81 88.28 87.75 87.16 86.49 85.78



PLACEMENT BAND 1924-2022

EXPERIENCE BAND 2003-2022

#### DUKE ENERGY INDIANA

#### ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	33,394,495 30,723,941 26,903,145 22,583,322 18,923,936 15,124,487 11,636,792 9,341,342 7,115,416 5,228,942	335,988 315,754 295,046 273,475 245,932 208,553 178,209 145,236 512,392 1,086,223	0.0101 0.0103 0.0110 0.0121 0.0130 0.0138 0.0153 0.0155 0.0720 0.2077	0.9899 0.9897 0.9890 0.9879 0.9862 0.9847 0.9845 0.9280 0.7923	85.00 84.15 83.28 82.37 81.37 80.31 79.21 77.99 76.78 71.25
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	3,390,343 1,727,175 1,258,375 965,581 776,199 351,821 258,239 243,668 179,950 131,838	997,352 390,452 169,878 100,870 363,378 75,724 11,934 7,725 4,110 4,211	0.2942 0.2261 0.1350 0.1045 0.4682 0.2152 0.0462 0.0317 0.0228 0.0319	0.7058 0.7739 0.8650 0.8955 0.5318 0.7848 0.9538 0.9683 0.9772 0.9681	56.45 39.84 30.84 26.67 23.89 12.70 9.97 9.51 9.21 9.00
59.5 60.5 61.5 62.5 63.5 64.5 65.5	90,209 43,045 40,588 40,423 38,846 36,682 20,276 14,266	3,015 1,274 854 977 1,541 684 227 205	0.0334 0.0296 0.0210 0.0242 0.0397 0.0186 0.0112	0.9666 0.9704 0.9790 0.9758 0.9603 0.9814 0.9888	8.71 8.42 8.17 8.00 7.80 7.50 7.36 7.27

67.5

68.5

69.5

70.5

71.5

72.5

73.5

74.5

75.5

76.5

77.5

78.5

12,599

10,406

9,567

9,441

9,391

4,690

4,689

4,689

4,689

4,689

2,662

5,387

7.17

7.10

6.90

6.81

6.78

6.71

6.71

6.71

6.71

6.71

6.37

6.28

124 0.0099

286 0.0274

126 0.0132

91

37

74

50 0.0053

0.0000

0 0.0001

0 0.0001

0 0.0001

239 0.0510

0.0096

0.0137

0.0138

0.9901

0.9726

0.9868

0.9947

0.9904

1.0000

0.9999

0.9999

0.9999

0.9490

0.9863

0.9862

## ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT H	BAND 1924-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	5,312	112	0.0211	0.9789	6.19
80.5	5,200	454	0.0872	0.9128	6.06
81.5	4,747	0	0.0001	0.9999	5.53
82.5	3,930	0	0.0001	0.9999	5.53
83.5	3,930	0	0.0001	0.9999	5.53
84.5	3,930	0	0.0001	0.9999	5.53
85.5	2,344		0.0000	1.0000	5.53
86.5	2,344		0.0000	1.0000	5.53
87.5	2,344		0.0000	1.0000	5.53
88.5	2,344	52	0.0222	0.9778	5.53
89.5	2,292	677	0.2955	0.7045	5.41
90.5	1,615	52	0.0323	0.9677	3.81
91.5	1,563	339	0.2167	0.7833	3.69
92.5	1,224	365	0.2979	0.7021	2.89
93.5	859	104	0.1212	0.8788	2.03
94.5	755		0.0000	1.0000	1.78
95.5	755		0.0000	1.0000	1.78
96.5	755	26	0.0345	0.9655	1.78
97.5	729	26	0.0357	0.9643	1.72

98.5

1.66

120

AGE IN YEARS

ORIGINAL CURVE = 1955-2022 EXPERIENCE 2003-2022 EXPERIENCE 1925-2022 PLACEMENTS 100 8 ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 44-R0.5 ACCOUNT 368.00 LINE TRANSFORMERS DUKE ENERGY INDIANA 40 20 <del>ا</del>ه 5 9 8 9 20 30 20

РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 368.00 LINE TRANSFORMERS

PLACEMENT I	BAND 1925-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	887,856,714 770,038,290 665,504,741 651,094,573 621,643,351 599,815,515 569,213,917 547,563,340 514,757,444 482,339,703	5,055,672 6,931,165 10,037,388 7,791,758 6,176,067 5,788,746 5,155,071 5,242,800 5,006,372 4,542,761	0.0057 0.0090 0.0151 0.0120 0.0099 0.0097 0.0091 0.0096 0.0097 0.0094	0.9943 0.9910 0.9849 0.9880 0.9901 0.9903 0.9909 0.9904 0.9903 0.9906	100.00 99.43 98.54 97.05 95.89 94.94 94.02 93.17 92.28 91.38
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	458,095,807 446,831,979 417,671,339 402,490,177 384,065,468 368,593,729 352,453,256 336,424,637 321,061,041 311,693,619	4,210,864 3,593,666 3,808,282 3,936,396 3,727,956 3,629,372 3,574,825 3,751,534 3,830,239 3,701,453	0.0094 0.0092 0.0080 0.0091 0.0098 0.0097 0.0098 0.0101 0.0112 0.0119 0.0119	0.9908 0.9920 0.9909 0.9902 0.9903 0.9902 0.9899 0.9888 0.9881	90.52 89.69 88.96 88.15 87.29 86.44 85.59 84.72 83.78
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	303,175,631 291,927,200 282,151,315 262,160,927 247,264,627 230,441,591 212,518,209 197,283,125 181,742,702 167,320,686	3,723,592 3,366,494 3,820,297 3,128,138 3,422,815 3,543,071 3,301,481 2,757,220 2,559,163 2,614,363	0.0123 0.0115 0.0135 0.0119 0.0138 0.0154 0.0155 0.0140 0.0141	0.9877 0.9885 0.9865 0.9881 0.9862 0.9846 0.9845 0.9860 0.9859 0.9844	81.80 80.79 79.86 78.78 77.84 76.76 75.58 74.41 73.37 72.33
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	154,880,208 144,241,768 135,460,128 126,419,598 114,956,129 104,418,333 95,674,600 87,418,312 80,030,306 74,294,310	2,519,499 2,406,714 2,217,669 2,494,835 2,025,447 1,961,654 1,838,407 1,915,380 2,404,230 1,840,553	0.0163 0.0167 0.0164 0.0197 0.0176 0.0188 0.0192 0.0219 0.0300 0.0248	0.9837 0.9833 0.9836 0.9803 0.9824 0.9812 0.9808 0.9781 0.9700 0.9752	71.20 70.05 68.88 67.75 66.41 65.24 64.02 62.79 61.41 59.57



#### ACCOUNT 368.00 LINE TRANSFORMERS

PLACEMENT 1	BAND 1925-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5	70,813,003 65,352,063 59,238,156 54,016,254 47,700,467 40,468,390 35,692,817 31,676,712 28,086,305	1,574,760 1,596,805 1,840,392 1,596,526 1,530,064 1,218,815 1,929,295 848,799 835,566	0.0222 0.0244 0.0311 0.0296 0.0321 0.0301 0.0541 0.0268 0.0297	0.9778 0.9756 0.9689 0.9704 0.9679 0.9699 0.9459 0.9732	58.09 56.80 55.41 53.69 52.10 50.43 48.91 46.27 45.03
48.5	23,323,608	691,317	0.0296	0.9704	43.69
49.5	20,281,296	569,086	0.0281	0.9719	42.39
50.5	17,720,268	492,863	0.0278	0.9722	41.20
51.5	15,675,751	512,853	0.0327	0.9673	40.06
52.5	14,029,881	474,868	0.0338	0.9662	38.75
53.5	12,412,654	453,001	0.0365	0.9635	37.44
54.5	11,114,193	413,610	0.0372	0.9628	36.07
55.5	9,725,310	417,617	0.0429	0.9571	34.73
56.5	8,624,670	334,328	0.0388	0.9612	33.24
57.5	7,670,760	311,684	0.0406	0.9594	31.95
58.5	6,863,210	310,343	0.0452	0.9548	30.65
59.5	6,145,456	364,412	0.0593	0.9407	29.26
60.5	5,338,931	310,288	0.0581	0.9419	27.53
61.5	4,730,741	296,659	0.0627	0.9373	25.93
62.5	3,944,261	226,382	0.0574	0.9426	24.30
63.5	3,240,518	184,647	0.0570	0.9430	22.91
64.5	2,561,553	176,164	0.0688	0.9312	21.60
65.5	1,800,212	153,067	0.0850	0.9150	20.12
66.5	955,073	88,979	0.0932	0.9068	18.41
67.5	573,207	50,940	0.0889	0.9111	16.69
68.5	253,913	21,780	0.0858	0.9142	15.21
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	158,203 137,855 118,265 4,561 3,110 3,087 3,106 3,080 3,075 3,075	13,645 19,575 14,384 1,458	0.0862 0.1420 0.1216 0.3197 0.0000 0.0000 0.0082 0.0018 0.0000	0.9138 0.8580 0.8784 0.6803 1.0000 1.0000 0.9918 0.9982 1.0000	13.90 12.70 10.90 9.57 6.51 6.51 6.46 6.45 6.45



97.5

## DUKE ENERGY INDIANA

## ACCOUNT 368.00 LINE TRANSFORMERS

PLACEMENT	BAND 1925-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5	3,075 3,075 3,075 716 708 708	2,358	0.0000 0.0000 0.7670 0.0000 0.0000	1.0000 1.0000 0.2330 1.0000 1.0000	6.45 6.45 6.45 1.50 1.50 1.50
87.5 88.5	13 13		0.0000		
89.5 90.5 91.5 92.5 93.5 94.5 95.5	13 13 13 13 13 13 13		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		

## ACCOUNT 368.00 LINE TRANSFORMERS

PLACEMENT :	BAND 1925-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	510,403,952	4,649,651	0.0091	0.9909	100.00
0.5	402,595,891	5,164,285	0.0128	0.9872	99.09
1.5	315,943,100	7,894,193	0.0250	0.9750	97.82
2.5	318,643,234	4,499,894	0.0141	0.9859	95.37
3.5	306,022,446	3,442,782	0.0113	0.9887	94.03
4.5	303,164,061	3,058,322	0.0101	0.9899	92.97
5.5	287,436,559	2,587,754	0.0090	0.9910	92.03
6.5	283,707,731	2,575,178	0.0091	0.9909	91.20
7.5	270,512,852	2,403,475	0.0089	0.9911	90.37
8.5	255,713,792	2,150,959	0.0084	0.9916	89.57
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5	245,866,272 245,412,689 226,995,855 223,404,535 218,896,773 216,420,238 209,155,859 203,575,214 197,147,444	1,642,530 1,365,842 1,313,123 1,353,837 1,551,610 1,477,995 1,470,296 1,860,524 1,959,125	0.0067 0.0056 0.0058 0.0061 0.0071 0.0068 0.0070 0.0091	0.9933 0.9944 0.9942 0.9939 0.9929 0.9932 0.9930 0.9909	88.82 88.23 87.73 87.23 86.70 86.08 85.50 84.89 84.12
18.5	192,188,502	1,653,808	0.0086	0.9914	83.28
19.5	188,432,374	1,615,087	0.0086	0.9914	82.57
20.5	184,804,298	1,319,158	0.0071	0.9929	81.86
21.5	183,600,645	1,613,519	0.0088	0.9912	81.27
22.5	171,167,267	1,493,607	0.0087	0.9913	80.56
23.5	165,123,756	1,661,800	0.0101	0.9899	79.86
24.5	158,649,871	1,903,271	0.0120	0.9880	79.05
25.5	147,962,330	1,770,825	0.0120	0.9880	78.10
26.5	137,683,030	1,626,404	0.0118	0.9882	77.17
27.5	127,826,478	1,609,566	0.0126	0.9874	76.26
28.5	120,579,635	1,434,496	0.0119	0.9881	75.30
29.5	113,059,657	1,417,140	0.0125	0.9875	74.40
30.5	106,668,272	1,437,051	0.0135	0.9865	73.47
31.5	101,342,214	1,270,814	0.0125	0.9875	72.48
32.5	95,155,418	1,256,309	0.0132	0.9868	71.57
33.5	86,852,859	1,133,944	0.0131	0.9869	70.63
34.5	78,818,822	1,116,168	0.0142	0.9858	69.70
35.5	72,723,311	1,222,231	0.0168	0.9832	68.72
36.5	66,427,813	1,132,565	0.0170	0.9830	67.56
37.5	61,087,650	1,366,711	0.0224	0.9776	66.41
38.5	57,469,795	1,114,791	0.0194	0.9806	64.92

## ACCOUNT 368.00 LINE TRANSFORMERS

PLACEMENT	BAND 1925-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	55,602,585	1,032,708	0.0186	0.9814	63.67
40.5	51,662,141	1,101,409	0.0213	0.9787	62.48
41.5	46,806,324	1,237,344	0.0264	0.9736	61.15
42.5	43,348,146	1,012,418	0.0234	0.9766	59.53
43.5	38,764,050	893,439	0.0230	0.9770	58.14
44.5	33,361,004	766,475	0.0230	0.9770	56.80
45.5	30,435,589	756,543	0.0249	0.9751	55.50
46.5	29,226,288	743,632	0.0254	0.9746	54.12
47.5	26,492,777	741,032	0.0280	0.9720	52.74
48.5	22,526,313	642,316	0.0285	0.9715	51.27
49.5	19,893,090	556,081	0.0280	0.9720	49.80
50.5	17,358,255	476,980	0.0275	0.9725	48.41
51.5	15,329,712	505,392	0.0330	0.9670	47.08
52.5	14,009,270	472,002	0.0337	0.9663	45.53
53.5	12,395,218	448,261	0.0362	0.9638	44.00
54.5	11,101,496	413,545	0.0373	0.9627	42.40
55.5	9,712,679	417,617	0.0430	0.9570	40.83
56.5	8,612,033	332,810	0.0386	0.9614	39.07
57.5	7,661,152	311,524	0.0407	0.9593	37.56
58.5	6,853,763	310,343	0.0453	0.9547	36.03
59.5	6,136,001	360,147	0.0587	0.9413	34.40
60.5	5,333,756	310,288	0.0582	0.9418	32.38
61.5	4,725,567	296,007	0.0626	0.9374	30.50
62.5	3,939,717	226,382	0.0575	0.9425	28.59
63.5	3,235,980	184,647	0.0571	0.9429	26.95
64.5	2,557,016	176,164	0.0689	0.9311	25.41
65.5	1,800,200	153,067	0.0850	0.9150	23.66
66.5	955,060	88,979	0.0932	0.9068	21.65
67.5	573,194	50,940	0.0889	0.9111	19.63
68.5	253,900	21,780	0.0858	0.9142	17.88
69.5	158,190	13,645	0.0863	0.9137	16.35
70.5	137,842	19,575	0.1420	0.8580	14.94
71.5	118,252	14,384	0.1216	0.8784	12.82
72.5	4,548	1,458	0.3206	0.6794	11.26
73.5	3,097		0.0000	1.0000	7.65
74.5	3,075		0.0000	1.0000	7.65
75.5	3,075		0.0000	1.0000	7.65
76.5	3,075		0.0000	1.0000	7.65
77.5	3,075		0.0000	1.0000	7.65
78.5	3,075		0.0000	1.0000	7.65

97.5

## DUKE ENERGY INDIANA

## ACCOUNT 368.00 LINE TRANSFORMERS

PLACEMENT	BAND 1925-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5	3,075 3,075 3,075 716 708 708	2,358	0.0000 0.0000 0.7670 0.0000 0.0000	1.0000 1.0000 0.2330 1.0000 1.0000	7.65 7.65 7.65 1.78 1.78 1.78
88.5 89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5	13 13 13 13 13 13 13 13 13		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		

ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1925-2022 PLACEMENTS 100 IOWA 60-R1 ACCOUNTS 369.00, 369.10 AND 369.20 SERVICES 8 ORIGINAL AND SMOOTH SURVIVOR CURVES DUKE ENERGY INDIANA AGE IN YEARS 40 20 <del>ا</del>ه 5 30-9 9 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

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## ACCOUNTS 369.00, 369.10 AND 369.20 SERVICES

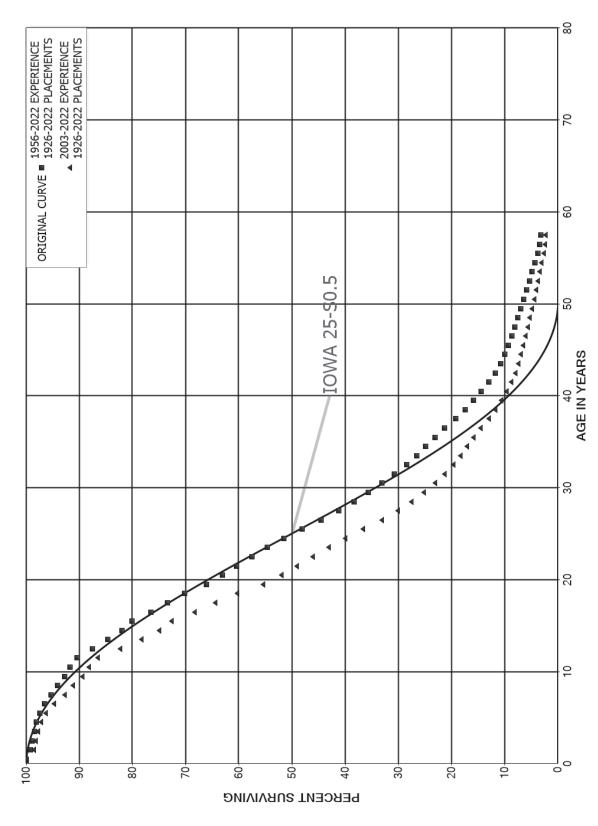
PLACEMENT I	BAND 1925-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	134,484,672	2,057,881	0.0153	0.9847	100.00
0.5	113,516,971	1,506,610	0.0133	0.9867	98.47
1.5	122,923,274	1,569,522	0.0128	0.9872	97.16
2.5	111,606,035 121,551,491	1,183,069 1,332,010	0.0106 0.0110	0.9894	95.92 94.91
4.5	132,729,842	1,173,678	0.0088	0.9912	93.87
5.5	140,253,978	1,650,735	0.0118	0.9882	93.04
6.5	142,030,505	1,869,191	0.0132	0.9868	91.94
7.5 8.5	142,088,646 142,803,666	1,390,774 1,694,144	0.0098	0.9902	90.73 89.84
9.5	143,451,058	1,165,449	0.0081	0.9919	88.78
10.5	143,649,192	1,021,193	0.0071	0.9929	88.06
11.5	146,304,705	983,030	0.0067	0.9933	87.43
12.5	148,096,010	751,707	0.0051	0.9949	86.84
13.5	147,812,914	758,944	0.0051	0.9949	86.40
14.5	145,984,641	702,107	0.0048	0.9952	85.96
15.5	145,034,459	741,608	0.0051	0.9949	85.54
16.5	146,016,816	738,755	0.0051	0.9949	85.11
17.5 18.5	142,340,894 140,952,949	737,350 769,385	0.0052	0.9948	84.68 84.24
19.5	136,700,693	796,289	0.0058	0.9942	83.78
20.5	136,200,946	716,413	0.0053	0.9947	83.29
21.5	133,231,419	797,573	0.0060	0.9940	82.85
22.5	126,720,784	707,029	0.0056	0.9944	82.36
23.5	123,401,094	695,087	0.0056	0.9944	81.90
24.5	118,908,810	677,342	0.0057	0.9943	81.43
25.5	109,024,542	541,186	0.0050	0.9950	80.97
26.5	100,376,578	509,552	0.0051	0.9949	80.57
27.5 28.5	92,319,552 84,918,080	489,515 441,231	0.0053	0.9947	80.16 79.73
29.5 30.5	77,874,143 71,445,416	428,285 460,278	0.0055	0.9945	79.32 78.88
31.5	65,872,073	601,695	0.0091	0.9909	78.38
32.5	60,082,896	334,325	0.0056	0.9944	77.66
33.5	55,414,034	271,521	0.0049	0.9951	77.23
34.5	51,655,667	261,614	0.0051	0.9949	76.85
35.5	47,653,085	260,028	0.0055	0.9945	76.46
36.5	43,971,106	472,970	0.0108	0.9892	76.04
37.5 38.5	40,602,036	472,970 404,985 226,882	0.0108 0.0100 0.0061	0.9900 0.9939	75.23 74.47

## ACCOUNTS 369.00, 369.10 AND 369.20 SERVICES

PLACEMENT	BAND 1925-2022		EXPERIENCE BA	ND 1956-2022
ACF AT	TYDOSIIRES AT	PTTPFMFNTS		מוופע פוופע

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	34,558,965 32,246,521 29,373,671 26,627,159 23,378,670 20,422,831 17,457,943 14,897,402 13,129,334 11,474,356	221,156 222,684 226,418 182,072 176,100 138,414 129,551 130,498 118,579 94,790	0.0064 0.0069 0.0077 0.0068 0.0075 0.0068 0.0074 0.0088 0.0090	0.9936 0.9931 0.9923 0.9932 0.9925 0.9932 0.9926 0.9912 0.9910 0.9917	74.02 73.55 73.04 72.48 71.98 71.44 70.95 70.43 69.81 69.18
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	9,980,166 9,027,283 7,920,207 7,124,627 6,334,410 5,476,485 4,733,405 4,153,393 3,628,047 3,260,045	124,169 134,045 81,051 67,724 45,711 62,652 31,977 30,340 29,562 25,682	0.0124 0.0148 0.0102 0.0095 0.0072 0.0114 0.0068 0.0073 0.0081 0.0079	0.9876 0.9852 0.9898 0.9905 0.9928 0.9886 0.9932 0.9927 0.9919	68.61 67.76 66.75 66.07 65.44 64.97 64.22 63.79 63.32 62.81
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	2,961,364 2,634,694 2,306,895 1,937,573 1,552,650 1,218,849 949,168 701,431 500,682 356,752	20,996 18,016 16,356 13,365 11,738 8,875 10,699 7,019 4,512 2,258	0.0071 0.0068 0.0071 0.0069 0.0076 0.0073 0.0113 0.0100 0.0090	0.9929 0.9932 0.9929 0.9931 0.9924 0.9927 0.9887 0.9900 0.9910	62.31 61.87 61.45 61.01 60.59 60.13 59.69 59.02 58.43 57.90
69.5 70.5 71.5 72.5 73.5 74.5	230,508 228,781 226,910	1,727 1,871 1,986	0.0075 0.0082 0.0088	0.9925 0.9918 0.9912	57.54 57.11 56.64 56.14
76.5 77.5 78.5 79.5	26 19 4	7 15 4	0.2860 0.7991 1.0000		

DUKE ENERGY INDIANA ACCOUNT 370.00 METERS ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 370.00 METERS

PLACEMENT 1	BAND 1926-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	256,113,101 210,631,935 191,752,982 191,939,521 182,392,183 181,968,348 183,552,782 182,179,167	237,071 1,624,660 606,006 740,352 754,508 1,188,036 1,634,965 2,340,678	0.0009 0.0077 0.0032 0.0039 0.0041 0.0065 0.0089 0.0128	0.9991 0.9923 0.9968 0.9961 0.9959 0.9935 0.9911 0.9872	100.00 99.91 99.14 98.82 98.44 98.04 97.40 96.53
7.5	180,383,760	2,220,902	0.0123	0.9877	95.29
8.5	177,210,258	2,534,672	0.0143	0.9857	94.11
9.5	174,562,050	1,890,666 2,625,234 5,242,377 5,387,599 4,969,691 3,362,725 6,333,876 5,508,684 5,779,848 7,041,396	0.0108	0.9892	92.77
10.5	171,811,744		0.0153	0.9847	91.76
11.5	168,787,877		0.0311	0.9689	90.36
12.5	162,102,835		0.0332	0.9668	87.55
13.5	155,215,616		0.0320	0.9680	84.64
14.5	148,850,358		0.0226	0.9774	81.93
15.5	143,917,195		0.0440	0.9560	80.08
16.5	135,256,399		0.0407	0.9593	76.56
17.5	128,530,620		0.0450	0.9550	73.44
18.5	120,281,387		0.0585	0.9415	70.14
19.5	112,794,839	5,080,810	0.0450	0.9550	66.03
20.5	107,828,309	4,571,711	0.0424	0.9576	63.06
21.5	102,872,396	4,936,261	0.0480	0.9520	60.38
22.5	97,938,671	4,886,695	0.0499	0.9501	57.49
23.5	91,554,877	5,271,029	0.0576	0.9424	54.62
24.5	85,033,760	5,544,149	0.0652	0.9348	51.47
25.5	76,604,565	5,808,477	0.0758	0.9242	48.12
26.5	69,380,101	5,124,732	0.0739	0.9261	44.47
27.5	62,388,841	4,390,329	0.0704	0.9296	41.18
28.5	57,077,705	3,981,261	0.0698	0.9302	38.29
29.5	52,673,763	3,751,419	0.0712	0.9288	35.62
30.5	48,326,822	3,403,773	0.0704	0.9296	33.08
31.5	43,844,616	3,308,196	0.0755	0.9245	30.75
32.5	39,728,910	2,730,290	0.0687	0.9313	28.43
33.5	35,908,178	2,255,148	0.0628	0.9372	26.48
34.5	32,663,383	2,271,782	0.0696	0.9304	24.81
35.5	29,832,043	2,390,477	0.0801	0.9199	23.09
36.5	26,891,505	2,577,191	0.0958	0.9042	21.24
37.5	23,882,525	2,264,780	0.0948	0.9052	19.20
38.5	21,094,600	1,860,173	0.0882	0.9118	17.38

## ACCOUNT 370.00 METERS

PLACEMENT	BAND 1926-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5	18,927,210 16,456,685 14,358,555 12,435,686 11,108,597 9,780,716 8,557,536 7,605,136 6,792,247	1,780,700 1,570,242 1,449,013 961,378 792,006 693,800 613,877 516,481 437,829	0.0941 0.0954 0.1009 0.0773 0.0713 0.0709 0.0717 0.0679 0.0645	0.9059 0.9046 0.8991 0.9227 0.9287 0.9291 0.9283 0.9321 0.9355	15.85 14.36 12.99 11.68 10.77 10.01 9.30 8.63 8.04
48.5 49.5 50.5	5,838,532 5,035,110 4,382,264	457,043 390,394 413,488	0.0783 0.0775 0.0944	0.9217 0.9225 0.9056	7.52 6.94 6.40
51.5 52.5 53.5 54.5 55.5	3,772,272 3,328,093 2,842,400 2,288,815 1,860,131	329,718 317,036 301,413 281,787 200,948	0.0874 0.0953 0.1060 0.1231 0.1080	0.9126 0.9047 0.8940 0.8769 0.8920	5.79 5.29 4.78 4.28 3.75
56.5 57.5 58.5	1,490,836 1,244,283 1,084,775	67,336 8,841 2,031	0.0452 0.0071 0.0019	0.9548 0.9929 0.9981	3.35 3.19 3.17
59.5 60.5 61.5 62.5 63.5 64.5 65.5	971,818 854,383 741,735 677,355 642,629 580,400 468,097	2,018 4,038 2,851 407 565 1,108 793	0.0021 0.0047 0.0038 0.0006 0.0009 0.0019	0.9979 0.9953 0.9962 0.9994 0.9991 0.9981 0.9983	3.17 3.16 3.14 3.13 3.13 3.13 3.12
66.5 67.5 68.5	407,915 345,195 224,277	558 393 361 1,027	0.0014 0.0011 0.0016	0.9986 0.9989 0.9984 0.9941	3.12 3.11 3.11 3.10
70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	174,807 173,770 170,923 50,832 48,453 47,960 47,692 47,620 24,110	1,027 498 2,508 1,160 521 177 72 246	0.0059 0.0029 0.0147 0.0228 0.0108 0.0037 0.0015 0.0052 0.0000	0.9941 0.9971 0.9853 0.9772 0.9892 0.9963 0.9985 0.9948 1.0000	3.10 3.08 3.08 3.03 2.96 2.93 2.92 2.91 2.90 2.90



## ACCOUNT 370.00 METERS

PLACEMENT 1	BAND 1926-2022		EXPE	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	DURING AGE	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5	24,110 23,825	286	0.0119	0.9881 1.0000	2.90 2.87
81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	23,825 10,473 10,473 10,473 319 258 258 258	69	0.0029 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		2.87 2.86 2.86 2.86 2.86 2.86 2.86 2.86
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5	258 258 221 180 58 58 30		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	2.86 2.86 2.86 2.86 2.86 2.86 2.86 2.86

## ACCOUNT 370.00 METERS

PLACEMENT	BAND 1926-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	116,380,986 73,922,181 59,433,342 65,326,338 61,935,506 66,442,011 72,974,543 78,248,355 83,256,732	100,513 1,129,558 179,751 313,713 327,103 641,910 1,148,843 1,689,263 1,346,407	0.0009 0.0153 0.0030 0.0048 0.0053 0.0097 0.0157 0.0216 0.0162	0.9991 0.9847 0.9970 0.9952 0.9947 0.9903 0.9843 0.9784 0.9838	100.00 99.91 98.39 98.09 97.62 97.10 96.16 94.65 92.61
8.5 9.5	86,415,532 89,680,830	1,723,452 1,186,010	0.0199	0.9801	91.11
10.5 11.5 12.5 13.5	92,521,096 96,047,055 93,935,264 92,627,182	1,831,241 4,612,049 4,627,091 4,002,266	0.0198 0.0480 0.0493 0.0432	0.9802 0.9520 0.9507 0.9568	88.11 86.37 82.22 78.17
14.5 15.5 16.5 17.5	91,530,011 89,692,957 85,417,648 81,904,725	2,738,754 5,473,574 4,838,413 5,196,491	0.0299 0.0610 0.0566 0.0634	0.9701 0.9390 0.9434 0.9366	74.79 72.55 68.13 64.27
18.5 19.5 20.5 21.5 22.5	75,210,065 71,111,952 70,199,853 68,687,750 66,489,072	6,164,886 4,347,176 3,943,212 4,223,271 4,345,215	0.0820 0.0611 0.0562 0.0615 0.0654	0.9180 0.9389 0.9438 0.9385 0.9346	55.26 51.88 48.96 45.95
23.5 24.5 25.5 26.5 27.5	63,023,513 59,507,870 53,973,377 48,794,230 43,681,628	4,647,487 4,960,676 5,137,522 4,567,932 3,713,817	0.0737 0.0834 0.0952 0.0936 0.0850 0.0824	0.9263 0.9166 0.9048 0.9064 0.9150	42.95 39.78 36.47 33.00 29.91
28.5 29.5 30.5 31.5 32.5 33.5 34.5 35.5	40,497,076 37,967,262 35,212,689 32,049,262 29,428,640 27,001,197 25,056,017 23,147,188	3,335,516 3,216,576 2,833,499 2,524,939 2,009,387 1,692,066 1,873,118 2,037,647	0.0847 0.0805 0.0788 0.0683 0.0627 0.0748 0.0880	0.9176 0.9153 0.9195 0.9212 0.9317 0.9373 0.9252 0.9120	27.36 25.11 22.98 21.13 19.47 18.14 17.00 15.73
36.5 37.5 38.5	21,116,479 18,983,189 17,194,258	2,246,374 1,761,155 1,627,995	0.1064 0.0928 0.0947	0.8936 0.9072 0.9053	14.35 12.82 11.63



#### ACCOUNT 370.00 METERS

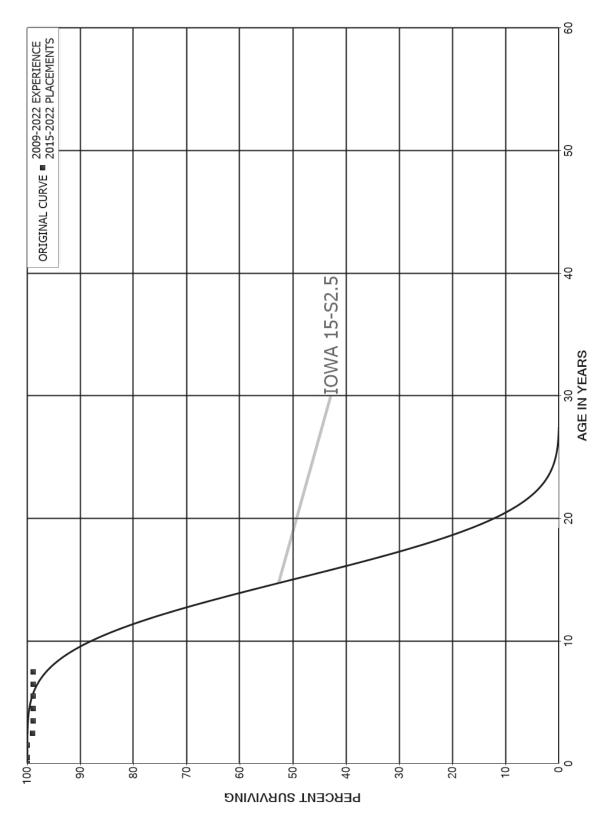
PLACEMENT 1	BAND 1926-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	15,706,012	1,609,130	0.1025	0.8975	10.53
40.5	13,894,159	1,301,822	0.0937	0.9063	9.45
41.5	12,437,307	1,004,380	0.0808	0.9192	8.57
42.5	11,160,844	805,834	0.0722	0.9278	7.87
43.5	10,045,119	674,480	0.0671	0.9329	7.31
44.5	8,908,850	590,433	0.0663	0.9337	6.81
45.5	7,923,648	575,494	0.0726	0.9274	6.36
46.5	7,070,610	465,240	0.0658	0.9342	5.90
47.5	6,373,477	437,268	0.0686	0.9314	5.51
48.5	5,550,833	454,298	0.0818	0.9182	5.13
49.5	4,817,810	389,476	0.0808	0.9192	4.71
50.5	4,165,929	346,269	0.0831	0.9169	4.33
51.5	3,601,010	327,286	0.0909	0.9091	3.97
52.5	3,283,454	316,982	0.0965	0.9035	3.61
53.5	2,799,016	301,344	0.1077	0.8923	3.26
54.5	2,245,378	281,787	0.1255	0.8745	2.91
55.5	1,816,816	200,775	0.1105	0.8895	2.55
56.5	1,447,296	67,336	0.0465	0.9535	2.27
57.5	1,226,177	8,841	0.0072	0.9928	2.16
58.5	1,066,681	2,031	0.0019	0.9981	2.14
59.5	953,724	2,018	0.0021	0.9979	2.14
60.5	836,289	4,020	0.0048	0.9952	2.14
61.5	719,616	2,851	0.0040	0.9960	2.13
62.5	670,295	407	0.0006	0.9994	2.12
63.5	635,569	538	0.0008	0.9992	2.12
64.5	566,203	1,108	0.0020	0.9980	2.11
65.5	468,036	793	0.0017	0.9983	2.11
66.5	407,915	558	0.0014	0.9986	2.11
67.5	345,195	393	0.0011	0.9989	2.10
68.5	224,277	361	0.0016	0.9984	2.10
69.5	174,807	1,027	0.0059	0.9941	2.10
70.5	173,733	498	0.0029	0.9971	2.09
71.5	170,882	2,508	0.0147	0.9853	2.08
72.5	50,710	1,160	0.0229	0.9771	2.05
73.5	48,453	521	0.0108	0.9892	2.00
74.5	47,932	177	0.0037	0.9963	1.98
75.5	47,662	72	0.0015	0.9985	1.97
76.5	47,620	246	0.0052	0.9948	1.97
77.5	24,110		0.0000	1.0000	1.96
78.5	24,110		0.0000	1.0000	1.96



## ACCOUNT 370.00 METERS

PLACEMENT :	BAND 1926-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5	24,110 23,825	286	0.0119		1.96 1.94
81.5 82.5 83.5 84.5 85.5	23,825 10,473 10,473 10,473 319	69	0.0029 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	1.94 1.93 1.93 1.93
86.5 87.5 88.5 89.5	258 258 258 258		0.0000 0.0000 0.0000		1.93 1.93 1.93
90.5 91.5 92.5 93.5 94.5	258 221 180 58 58		0.0000 0.0000 0.0000 0.0000 0.0000		1.93 1.93 1.93 1.93
95.5 96.5	30		0.0000		1.93 1.93

DUKE ENERGY INDIANA ACCOUNT 370.20 METERS - AMI ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 370.20 METERS - AMI

PLACEMENT	BAND 2015-2022		EXPE	RIENCE BAN	D 2009-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	91,050,968		0.0000	1.0000	100.00
0.5	115,666,246		0.0000	1.0000	100.00
1.5	124,669,475	1,341,489	0.0108	0.9892	100.00
2.5	123,554,131	79,902	0.0006	0.9994	98.92
3.5	89,426		0.0000	1.0000	98.86
4.5	89,426		0.0000	1.0000	98.86
5.5	89,426		0.0000	1.0000	98.86
6.5	84,474		0.0000	1.0000	98.86
7.5	·				98.86

40

AGE IN YEARS

ORIGINAL CURVE **2022-2022** EXPERIENCE 2022-2022 PLACEMENTS 35 9 ACCOUNT 370.70 METERS - EV CHARGER ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 10-53 25 DUKE ENERGY INDIANA 9 2 <del>ا</del>ه 100 5 30-9 8 8 9 20 20

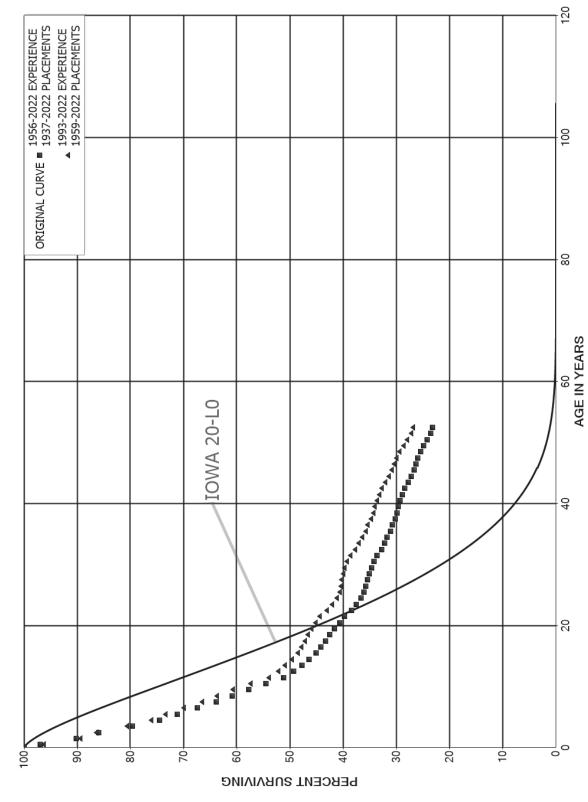
A GANNETT FLEMING

РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 370.70 METERS - EV CHARGER

PLACEMENT	BAND 2022-2022	EXPERIENCE BAND 2022-2022			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5	3,523,736		0.0000	1.0000	100.00

DUKE ENERGY INDIANA ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES ORIGINAL AND SMOOTH SURVIVOR CURVES



#### ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

PLACEMENT	BAND 1937-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	78,970,362	2,426,166	0.0307	0.9693	100.00
0.5	63,543,948	4,403,271	0.0693	0.9307	96.93
1.5	58,722,935	2,781,908	0.0474	0.9526	90.21
2.5	54,487,189	4,012,408	0.0736	0.9264	85.94
3.5	50,333,835	3,203,564	0.0636	0.9364	79.61
4.5	47,706,536	2,154,500	0.0452	0.9548	74.54
5.5	45,570,201	2,398,838	0.0526	0.9474	71.18
6.5	43,035,733	2,292,482	0.0533	0.9467	67.43
7.5	39,803,218	1,902,863	0.0478	0.9522	63.84
8.5	37,068,474	1,898,047	0.0512	0.9488	60.79
9.5	34,200,935	1,890,274	0.0553	0.9447	57.67
10.5	32,250,842	1,970,296	0.0611	0.9389	54.49
11.5	29,138,322	1,074,322	0.0369	0.9631	51.16
12.5	28,037,304	850,063	0.0303	0.9697	49.27
13.5	26,510,065	778,458	0.0294	0.9706	47.78
14.5	24,317,112	678,371	0.0279	0.9721	46.37
15.5	22,807,027	456,141	0.0200	0.9800	45.08
16.5	22,096,539	441,459	0.0200	0.9800	44.18
17.5	20,251,618	389,503	0.0192	0.9808	43.30
18.5	19,017,733	369,522	0.0194	0.9806	42.46
19.5	17,803,901	422,403	0.0237	0.9763	41.64
20.5	16,753,693	401,903	0.0240	0.9760	40.65
21.5	14,316,233	446,298	0.0312	0.9688	39.68
22.5	13,620,386	328,008	0.0241	0.9759	38.44
23.5	13,041,528	299,325	0.0230	0.9770	37.51
24.5	12,087,436	192,710	0.0159	0.9841	36.65
25.5	10,135,873	87,414	0.0086	0.9914	36.07
26.5	9,084,937	87,858	0.0097	0.9903	35.76
27.5	7,325,468	72,198	0.0099	0.9901	35.41
28.5	5,798,158	80,777	0.0139	0.9861	35.06
29.5	4,506,339	50,926	0.0113	0.9887	34.57
30.5	3,244,293	58,692	0.0181	0.9819	34.18
31.5	2,419,511	56,770	0.0235	0.9765	33.56
32.5	2,263,803	39,755	0.0176	0.9824	32.78
33.5	2,188,834	35,470	0.0162	0.9838	32.20
34.5	2,047,140	36,497	0.0178	0.9822	31.68
35.5	2,010,644	22,921	0.0114	0.9886	31.11
36.5	1,916,104	37,412	0.0195	0.9805	30.76
37.5	1,629,787	17,560	0.0108	0.9892	30.16
38.5	1,463,598	12,057	0.0082	0.9918	29.83



## ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

PLACEMENT	BAND 1937-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,243,915 1,119,818 973,091 860,788 778,228 722,543 673,433 628,602 571,154 511,551	12,721 15,436 17,141 18,319 15,338 14,912 9,037 9,304 10,348 12,500	0.0102 0.0138 0.0176 0.0213 0.0197 0.0206 0.0134 0.0148 0.0181 0.0244	0.9898 0.9862 0.9824 0.9787 0.9803 0.9794 0.9866 0.9852 0.9819	29.59 29.29 28.88 28.37 27.77 27.22 26.66 26.30 25.91 25.44
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	457,231 410,638 337,847 286,052 228,415 173,865 117,996 67,190 13,486	12,157 10,701 4,832 954 76 70 70	0.0266 0.0261 0.0143 0.0033 0.0003 0.0004 0.0006 0.0012	0.9734 0.9739 0.9857 0.9967 0.9997 0.9996 0.9994 0.9988 1.0000	24.82 24.16 23.53 23.20 23.12 23.11 23.10 23.09 23.06 23.06

#### ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

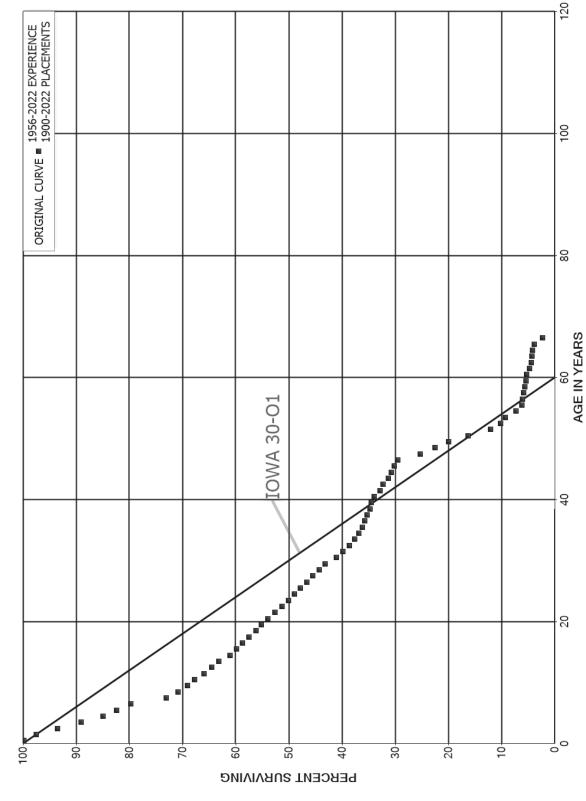
PLACEMENT	BAND 1959-2022		EXPER	RIENCE BAN	D 1993-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	57,023,904	2,188,428	0.0384	0.9616	100.00
0.5	43,803,341	3,130,418	0.0715	0.9285	96.16
1.5	41,712,882	1,391,827	0.0334	0.9666	89.29
2.5	40,214,028	2,698,239	0.0671	0.9329	86.31
3.5	37,870,819	2,160,909	0.0571	0.9429	80.52
4.5	37,041,838	1,266,576	0.0342	0.9658	75.93
5.5	36,401,901	1,725,417	0.0474	0.9526	73.33
6.5	35,023,435	1,723,509	0.0492	0.9508	69.85
7.5	32,792,911	1,380,768	0.0421	0.9579	66.42
8.5	30,975,727	1,489,054	0.0481	0.9519	63.62
9.5	28,859,664	1,539,658	0.0533	0.9467	60.56
10.5	27,505,577	1,665,478	0.0606	0.9394	57.33
11.5	24,924,499	807,695	0.0324	0.9676	53.86
12.5	24,290,671	606,380	0.0250	0.9750	52.11
13.5	23,188,521	574,765	0.0248	0.9752	50.81
14.5	21,319,683	491,539	0.0231	0.9769	49.55
15.5	20,107,267	283,343	0.0141	0.9859	48.41
16.5	19,675,501	289,718	0.0147	0.9853	47.73
17.5	18,101,946	215,715	0.0119	0.9881	47.03
18.5	17,183,796	239,056	0.0139	0.9861	46.47
19.5	16,271,346	272,839	0.0168	0.9832	45.82
20.5	15,476,953	273,908	0.0177	0.9823	45.05
21.5	13,274,609	394,953	0.0298	0.9702	44.25
22.5	12,713,745	282,735	0.0222	0.9778	42.94
23.5	12,275,030	253,352	0.0206	0.9794	41.98
24.5	11,462,658	164,343	0.0143	0.9857	41.12
25.5	9,626,924	50,345	0.0052	0.9948	40.53
26.5	8,697,252	41,002	0.0047	0.9953	40.31
27.5	7,075,727	41,740	0.0059	0.9941	40.12
28.5	5,651,594	36,520	0.0065	0.9935	39.89
29.5	4,501,876	50,926	0.0113	0.9887	39.63
30.5	3,239,951	58,692	0.0181	0.9819	39.18
31.5	2,415,169	56,770	0.0235	0.9765	38.47
32.5	2,259,702	39,755	0.0176	0.9824	37.57
33.5	2,184,854	35,468	0.0162	0.9838	36.91
34.5	2,043,162	36,497	0.0179	0.9821	36.31
35.5	2,006,666	22,921	0.0114	0.9886	35.66
36.5	1,912,126	37,412	0.0196	0.9804	35.25
37.5	1,625,809	17,560	0.0108	0.9892	34.56
38.5	1,459,620	12,057	0.0083	0.9917	34.19



## ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

PLACEMENT	BAND 1959-2022		EXPER	RIENCE BAN	D 1993-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5	1,239,937 1,115,840 969,557 860,788 778,228 722,543 673,433 628,602 571,154 511,551	12,721 14,992 13,607 18,319 15,338 14,912 9,037 9,304 10,348 12,500	0.0103 0.0134 0.0140 0.0213 0.0197 0.0206 0.0134 0.0148 0.0181 0.0244	0.9897 0.9866 0.9860 0.9787 0.9803 0.9794 0.9866 0.9852 0.9819	33.91 33.56 33.11 32.64 31.95 31.32 30.67 30.26 29.81 29.27
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	457,231 410,638 337,847 286,052 228,415 173,865 117,996 67,190 13,486	12,157 10,701 4,832 954 76 70 70	0.0266 0.0261 0.0143 0.0033 0.0003 0.0004 0.0006 0.0012 0.0000	0.9734 0.9739 0.9857 0.9967 0.9997 0.9996 0.9994 0.9988 1.0000	28.56 27.80 27.07 26.69 26.60 26.59 26.58 26.56 26.53

DUKE ENERGY INDIANA ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

PLACEMENT :	BAND 1900-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5	103,150,432 68,687,626 65,738,927 62,364,314 56,843,720 51,001,165 49,307,923 47,888,652 43,955,110	157,405 1,627,746 2,713,562 2,948,479 2,579,855 1,539,883 1,610,768 4,025,449 1,344,227	0.0015 0.0237 0.0413 0.0473 0.0454 0.0302 0.0327 0.0841 0.0306	0.9985 0.9763 0.9587 0.9527 0.9546 0.9698 0.9673 0.9159 0.9694	100.00 99.85 97.48 93.46 89.04 85.00 82.43 79.74 73.04
8.5	41,338,798	1,003,247	0.0243	0.9757	70.80
9.5	39,679,759	774,360	0.0195	0.9805	69.08
10.5	38,681,304	1,031,383	0.0267	0.9733	67.74
11.5	37,610,489	794,624	0.0211	0.9789	65.93
12.5	36,292,741	740,032	0.0204	0.9796	64.54
13.5	35,303,525	1,217,610	0.0345	0.9655	63.22
14.5	34,074,260	667,027	0.0196	0.9804	61.04
15.5	33,132,151	633,849	0.0191	0.9809	59.85
16.5	32,357,872	661,967	0.0205	0.9795	58.70
17.5	30,926,641	718,227	0.0232	0.9768	57.50
18.5	30,281,788	543,028	0.0179	0.9821	56.16
19.5	29,254,403	630,612	0.0216	0.9784	55.16
20.5	28,360,314	730,514	0.0258	0.9742	53.97
21.5	25,775,035	623,534	0.0242	0.9758	52.58
22.5	24,465,318	605,692	0.0248	0.9752	51.31
23.5	23,173,669	527,173	0.0227	0.9773	50.04
24.5	21,640,575	450,359	0.0208	0.9792	48.90
25.5	20,170,196	535,272	0.0265	0.9735	47.88
26.5	19,169,659	471,311	0.0246	0.9754	46.61
27.5	17,194,536	456,559	0.0266	0.9734	45.46
28.5	15,868,530	370,917	0.0234	0.9766	44.26
29.5	14,640,044	746,155	0.0510	0.9490	43.22
30.5	13,183,228	378,832	0.0287	0.9713	41.02
31.5	12,087,564	373,890	0.0309	0.9691	39.84
32.5	10,997,251	273,543	0.0249	0.9751	38.61
33.5	10,170,680	217,966	0.0214	0.9786	37.65
34.5	9,201,607	166,315	0.0181	0.9819	36.84
35.5	8,326,380	108,496	0.0130	0.9870	36.17
36.5	7,968,180	105,314	0.0132	0.9868	35.70
37.5	7,726,361	107,608	0.0139	0.9861	35.23
38.5	7,356,372	59,118	0.0080	0.9920	34.74

## ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT I	BAND 1900-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT	EXPOSURES AT	RETIREMENTS	DEGM	GIIDI.	PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	6,781,655	93,781	0.0138	0.9862	34.46
40.5	6,118,891	197,299	0.0322	0.9678	33.99
41.5	5,142,645	86,876	0.0169	0.9831	32.89
42.5	4,571,016	142,867	0.0313	0.9687	32.33
43.5	3,845,209	78,536	0.0204	0.9796	31.32
44.5	3,354,073	58,412	0.0174	0.9826	30.68
45.5	3,010,560	62,362	0.0207	0.9793	30.15
46.5	2,569,492	369,322	0.1437	0.8563	29.52
47.5	2,137,955	231,530	0.1083	0.8917	25.28
48.5	1,865,892	211,729	0.1135	0.8865	22.54
49.5	1,641,364	299,386	0.1824	0.8176	19.99
50.5	1,254,024	328,590	0.2620	0.7380	16.34
51.5	839,791	131,049	0.1560	0.8440	12.06
52.5	699,375	61,844	0.0884	0.9116	10.18
53.5	597,539	129,972	0.2175	0.7825	9.28
54.5	462,567	67,501	0.1459	0.8541	7.26
55.5	379,887	8,150	0.0215	0.9785	6.20
56.5	359,051	11,809	0.0329	0.9671	6.07
57.5	338,295	16,226	0.0480	0.9520	5.87
58.5	314,807	7,881	0.0250	0.9750	5.59
59.5	275,747	6,596	0.0239	0.9761	5.45
60.5	256,152	30,483	0.1190	0.8810	5.32
61.5	210,347	11,648	0.0554	0.9446	4.68
62.5	189,851	6,242	0.0329	0.9671	4.42
63.5	177,270	5,608	0.0316	0.9684	4.28
64.5	144,439	11,393	0.0789	0.9211	4.14
65.5	116,913	48,083	0.4113	0.5887	3.82
66.5	60,997	6,574	0.1078	0.8922	2.25
67.5	40,171	2,947	0.0734	0.9266	2.00
68.5	34,733	3,187	0.0917	0.9083	1.86
69.5	28,284	11,536	0.4078	0.5922	1.69
70.5	14,975	340	0.0227	0.9773	1.00
71.5	12,605	234	0.0186	0.9814	0.98
72.5	8,808		0.0000	1.0000	0.96
73.5	7,418	2,030	0.2737	0.7263	0.96
74.5	54		0.0000	1.0000	0.70
75.5	54		0.0000	1.0000	0.70
76.5	54		0.0000	1.0000	0.70
77.5	54		0.0000	1.0000	0.70

78.5

0.0000 1.0000 0.70

54

## ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

PLACEMENT BAND 1900-2022 EXP				RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5	54 54		0.0000	1.0000	0.70
81.5 82.5	54		0.0000	1.0000	0.70 0.70

120

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 45-R1.5 DUKE ENERGY INDIANA

ORIGINAL CURVE = 1902-2022 EXPERIENCE 2003-2022 EXPERIENCE 1914-2022 PLACEMENTS 9 AGE IN YEARS 4 20 7 9 8 8 9 20 30 20 РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1902-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	377,542,735 360,571,331 337,318,141 312,329,154 271,948,835 261,969,869 219,452,560 197,074,224	503,327 773,443 1,752,737 74,612 97,467 4,569,109 2,605,713 998,847	0.0013 0.0021 0.0052 0.0002 0.0004 0.0174 0.0119 0.0051	0.9987 0.9979 0.9948 0.9998 0.9996 0.9826 0.9881 0.9949	100.00 99.87 99.65 99.13 99.11 99.08 97.35 96.19
7.5	179,485,717	635,301	0.0035	0.9965	95.70
8.5	159,834,729	556,324	0.0035	0.9965	95.37
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	149,254,487 138,249,644 126,509,645 120,033,218 114,327,991 105,216,112 101,277,122 100,307,057 98,017,226 95,717,390	700,363 2,359,538 698,882 687,748 401,814 524,873 438,230 436,258 1,206,302 145,546	0.0047 0.0171 0.0055 0.0057 0.0035 0.0050 0.0043 0.0043 0.0123 0.0015	0.9953 0.9829 0.9945 0.9943 0.9965 0.9950 0.9957 0.9957 0.9877	95.03 94.59 92.97 92.46 91.93 91.61 91.15 90.76 90.36 89.25
19.5	94,777,319	814,709	0.0086	0.9914	89.11
20.5	92,302,499	1,510,589	0.0164	0.9836	88.35
21.5	88,773,897	1,293,780	0.0146	0.9854	86.90
22.5	84,490,164	899,365	0.0106	0.9894	85.63
23.5	76,994,472	937,159	0.0122	0.9878	84.72
24.5	74,371,345	513,771	0.0069	0.9931	83.69
25.5	72,279,183	1,065,773	0.0147	0.9853	83.11
26.5	70,451,746	567,517	0.0081	0.9919	81.89
27.5	67,567,682	504,639	0.0075	0.9925	81.23
28.5	65,671,803	410,196	0.0062		80.62
29.5	62,260,430	521,405	0.0084	0.9916	80.12
30.5	56,964,424	340,405	0.0060	0.9940	79.45
31.5	52,353,861	221,380	0.0042	0.9958	78.97
32.5	47,847,640	534,240	0.0112	0.9888	78.64
33.5	46,414,611	532,868	0.0115	0.9885	77.76
34.5	44,702,318	1,071,660	0.0240	0.9760	76.87
35.5	43,057,480	1,616,799	0.0375	0.9625	75.02
36.5	41,045,353	988,960	0.0241	0.9759	72.21
37.5	39,980,361	757,918	0.0190	0.9810	70.47
38.5	39,088,959	1,038,255	0.0266	0.9734	69.13

## ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT BAND	1902-2022	EXPERIENCE BAI	ID 1956-2022

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	37,681,749 32,794,806 26,455,840 24,294,042 23,557,551	3,120,500	0.0828	0.9172	67.30
40.5		2,847,921	0.0868	0.9132	61.72
41.5		1,141,014	0.0431	0.9569	56.36
42.5		295,706	0.0122	0.9878	53.93
43.5		731,657	0.0311	0.9689	53.28
44.5	22,520,181	620,835	0.0276	0.9724	51.62
45.5	21,454,690	232,266	0.0108	0.9892	50.20
46.5	21,026,778	524,799	0.0250	0.9750	49.65
47.5	19,813,672	2,361,303	0.1192	0.8808	48.42
48.5	17,064,438	1,922,558	0.1127	0.8873	42.65
49.5	14,921,848	355,814	0.0238	0.9762	37.84
50.5	14,520,864	1,039,178	0.0716	0.9284	36.94
51.5	13,386,683	361,429	0.0270	0.9730	34.29
52.5	13,015,303	359,041	0.0276	0.9724	33.37
53.5	12,139,869	590,062	0.0486	0.9514	32.45
54.5	11,494,051	201,873	0.0176	0.9824	30.87
55.5	11,190,462	302,760	0.0271	0.9729	30.33
56.5	10,809,015	134,526	0.0124	0.9876	29.51
57.5	10,603,803	67,361	0.0064	0.9936	29.14
58.5	9,974,038	375,446	0.0376	0.9624	28.96
59.5	9,587,804	772,224	0.0805	0.9195	27.87
60.5	8,795,402	204,384	0.0232	0.9768	25.62
61.5	8,460,209	1,420,164	0.1679	0.8321	25.03
62.5	5,892,571	23,460	0.0040	0.9960	20.83
63.5	5,862,171	518,508	0.0884	0.9116	20.74
64.5 65.5 66.5 67.5 68.5	5,319,198 5,176,568 5,019,752 4,806,224 3,737,478	126,262 146,586 184,338 19,868 3,361	0.0237 0.0283 0.0367 0.0041 0.0009	0.9763 0.9717 0.9633 0.9959 0.9991	18.91 18.46 17.94 17.28
69.5 70.5 71.5 72.5 73.5	3,548,428 1,882,985 183,541 180,943 180,943	18,941 1,005 27	0.0053 0.0005 0.0001 0.0000 0.0000	0.9947 0.9995 0.9999 1.0000 1.0000	17.19 17.10 17.09 17.09 17.09
74.5 75.5 76.5 77.5 78.5	180,943 179,218 166,888 163,732 159,460	464 10,692 3,111 18,636	0.0026 0.0597 0.0186 0.0000 0.1169	0.9974 0.9403 0.9814 1.0000 0.8831	17.09 17.04 16.03 15.73

## ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1902-2022		EXPEF	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	140,824 140,614 127,403 115,447 103,432 102,742 102,742 102,742 102,047 102,047	690	0.0000 0.0000 0.0000 0.0000 0.0067 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9933 1.0000 1.0000 1.0000	13.89 13.89 13.89 13.89 13.80 13.80 13.80 13.80
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	102,047 102,047 102,047 101,685 101,577 101,577 101,472 79,232 79,132 79,132	2,702	0.0000 0.0000 0.0000 0.0000 0.0000 0.0266 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9734 1.0000 1.0000	13.80 13.80 13.80 13.80 13.80 13.80 13.43 13.43
99.5 100.5 101.5 102.5 103.5 104.5 105.5	79,132 78,622 78,622 66,017 65,322 65,322 64,954	510 695	0.0064 0.0000 0.0000 0.0000 0.0105 0.0000 0.0000	0.9936 1.0000 1.0000 0.9895 1.0000 1.0000	13.43 13.34 13.34 13.34 13.34 13.20 13.20

107.5

108.5

2,751

13.20

13.20

0.0000

1.0000

## ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1914-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	282,637,747 267,329,433 244,458,460 223,678,412 188,076,177 175,340,098 136,776,546 115,279,611	490,731 771,875 1,716,184 46,512 30,938 2,031,526 2,467,513 499,707	0.0017 0.0029 0.0070 0.0002 0.0002 0.0116 0.0180 0.0043	0.9983 0.9971 0.9930 0.9998 0.9998 0.9884 0.9820 0.9957	100.00 99.83 99.54 98.84 98.82 98.80 97.66 95.90
7.5 8.5	100,729,434 84,229,501	469,314 438,359	0.0047 0.0052	0.9953 0.9948	95.48 95.04
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5	77,753,532 71,885,094 65,361,387 64,775,693 60,544,438 53,342,288 50,442,263 50,223,763 48,295,673	509,594 2,038,615 142,486 556,773 93,969 317,023 85,307 136,177 355,545	0.0066 0.0284 0.0022 0.0086 0.0016 0.0059 0.0017 0.0027	0.9934 0.9716 0.9978 0.9914 0.9984 0.9941 0.9983 0.9973	94.54 93.92 91.26 91.06 90.28 90.14 89.60 89.45
18.5 19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	47,002,445 46,561,266 48,537,946 54,015,290 52,216,961 46,053,096 45,941,381 44,811,587 45,126,928 43,366,770	17,135 408,513 1,256,833 1,148,244 418,484 521,102 323,257 902,114 273,337 266,069	0.0004 0.0088 0.0259 0.0213 0.0080 0.0113 0.0070 0.0201 0.0061 0.0061	0.9996 0.9912 0.9741 0.9787 0.9920 0.9887 0.9930 0.9799 0.9939	88.55 88.52 87.74 85.47 83.65 82.98 82.04 81.47 79.83 79.83
28.5 29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	42,451,054 39,519,282 39,482,577 35,240,195 31,055,301 30,705,908 29,414,810 28,264,002 26,768,138 25,958,774 25,957,666	303,733 431,551 123,283 85,452 325,728 500,966 857,608 1,493,428 944,665 633,533 975,103	0.0072 0.0109 0.0031 0.0024 0.0105 0.0163 0.0292 0.0528 0.0353 0.0244 0.0376	0.9928 0.9891 0.9969 0.9976 0.9895 0.9708 0.9472 0.9647 0.9756 0.9624	78.85 78.29 77.44 77.19 77.01 76.20 74.96 72.77 68.93 66.49 64.87

## ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT 1	BAND 1914-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	24,997,082	3,038,195	0.1215	0.8785	62.43
40.5	20,807,637	2,831,178	0.1361	0.8639	54.85
41.5	14,900,299	1,088,902	0.0731	0.9269	47.38
42.5	14,850,156	283,356	0.0191	0.9809	43.92
43.5	14,126,287	631,720	0.0447	0.9553	43.08
44.5	13,223,823	447,563	0.0338	0.9662	41.16
45.5	12,352,812	167,626	0.0136	0.9864	39.76
46.5	12,853,630	426,602	0.0332	0.9668	39.22
47.5	11,767,984	2,066,403	0.1756	0.8244	37.92
48.5	10,852,975	1,918,164	0.1767	0.8233	31.26
49.5	8,883,379	349,877	0.0394	0.9606	25.74
50.5	10,108,578	304,317	0.0301	0.9699	24.72
51.5	12,902,486	355,702	0.0276	0.9724	23.98
52.5	12,491,513	342,800	0.0274	0.9726	23.32
53.5	11,613,684	577,511	0.0497	0.9503	22.68
54.5	10,980,418	188,266	0.0171	0.9829	21.55
55.5	10,691,854	150,618	0.0141	0.9859	21.18
56.5	10,464,186	131,728	0.0126	0.9874	20.88
57.5	10,274,752	50,595	0.0049	0.9951	20.62
58.5	9,666,025	375,143	0.0388	0.9612	20.52
59.5	9,280,094	772,179	0.0832	0.9168	19.72
60.5	8,487,946	152,521	0.0180	0.9820	18.08
61.5	8,217,827	1,384,396	0.1685	0.8315	17.76
62.5	5,697,914	11,023	0.0019	0.9981	14.76
63.5	5,691,966	514,383	0.0904	0.9096	14.74
64.5	5,153,118	126,008	0.0245	0.9755	13.40
65.5	5,010,742	141,356	0.0282	0.9718	13.08
66.5	4,859,156	184,338	0.0379	0.9621	12.71
67.5	4,646,322	,	0.0000	1.0000	12.23
68.5	3,597,445		0.0000	1.0000	12.23
69.5	3,411,756	18,941	0.0056	0.9944	12.23
70.5	1,746,312	10,711	0.0000	1.0000	12.16
71.5	47,901	27	0.0006	0.9994	12.16
72.5	45,666	<b>4</b> /	0.0000	1.0000	12.15
73.5	45,773		0.0000	1.0000	12.15
74.5	45,773		0.0000	1.0000	12.15
75.5	44,617		0.0000	1.0000	12.15
76.5	62,517		0.0000	1.0000	12.15
70.5	02,517		0.0000	1 0000	10 15

62,572

58,301

77.5

78.5

12.15

12.15

0.0000

0.0000

1.0000

1.0000

## ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

PLACEMENT BAND 1914-2022	EXPERIENCE BAND 2003-2022

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	58,301 58,090 44,880 45,528 33,513 33,513 33,513 99,297		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	12.15 12.15 12.15 12.15 12.15 12.15 12.15 12.15 12.15
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	102,047 102,047 102,047 101,685 101,577 101,577 101,472 79,232 79,132 79,132	2,702	0.0000 0.0000 0.0000 0.0000 0.0000 0.0266 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9734 1.0000 1.0000	12.15 12.15 12.15 12.15 12.15 12.15 12.15 11.83 11.83
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	79,132 78,622 78,622 66,017 66,017 65,322 65,322 64,954 2,751	510 695	0.0064 0.0000 0.0000 0.0000 0.0105 0.0000 0.0000 0.0000	0.9936 1.0000 1.0000 0.9895 1.0000 1.0000 1.0000	11.83 11.75 11.75 11.75 11.75 11.63 11.63 11.63

8

1983-2022 EXPERIENCE 1926-2022 PLACEMENTS 2003-2022 EXPERIENCE 1938-2022 PLACEMENTS ORIGINAL CURVE ■ 1956-2022 EXPERIENCE 1926-2022 PLACEMENTS 2 9 ACCOUNT 392.00 TRANSPORATION EQUIPMENT ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 20-U2.5 20 DUKE ENERGY INDIANA AGE IN YEARS 38 20 9 <del>ا</del>ه 7 9 8 9 20 30 20 9

РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 392.00 TRANSPORATION EQUIPMENT

PLACEMENT	BAND 1926-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	33,336,702 31,911,940 27,909,255 25,995,634 24,148,245 23,500,436 12,313,663 11,261,463	630,163 1,517,074 1,005,074 669,393 432,322 1,359,515 1,176,666 1,014,627	0.0189 0.0475 0.0360 0.0258 0.0179 0.0579 0.0956 0.0901	0.9811 0.9525 0.9640 0.9742 0.9821 0.9421 0.9044 0.9099	100.00 98.11 93.45 90.08 87.76 86.19 81.20 73.44
7.5 8.5	10,357,893 9,627,395	785,186 457,405	0.0758 0.0475	0.9242	66.83 61.76
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5 19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5	9,210,003 8,662,372 7,873,585 7,228,645 6,720,278 6,334,919 5,784,350 4,762,200 3,884,591 3,128,896 2,628,181 2,371,477 1,529,762 1,235,107 1,143,104 1,109,253 819,483 737,476 710,911	548,801 791,342 855,878 501,456 358,516 518,202 839,027 251,049 240,508 319,814 160,508 57,033 154,565 92,053 33,851 125,831 82,008 50,879 8,173	0.0596 0.0914 0.1087 0.0694 0.0533 0.0818 0.1451 0.0527 0.0619 0.1022 0.0611 0.0240 0.1010 0.0745 0.0296 0.1134 0.1001 0.0690 0.0115	0.9404 0.9086 0.8913 0.9306 0.9467 0.9182 0.8549 0.9473 0.9381 0.8978 0.9389 0.9760 0.8990 0.9255 0.9704 0.8866 0.8999 0.9310 0.9885	58.83 55.32 50.27 44.80 41.70 39.47 36.24 30.99 29.35 27.53 24.72 23.21 22.65 20.36 18.85 18.29 16.21 14.59 13.58
28.5 29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	699,943 690,131 598,242 577,954 522,519 489,034 468,652 440,190 411,954 341,570 305,396	27,059 91,889 20,288 55,435 33,485 20,382 28,461 28,236 70,384 36,174 59,211	0.0387 0.1331 0.0339 0.0959 0.0641 0.0417 0.0607 0.0641 0.1709 0.1059 0.1939	0.9613 0.8669 0.9661 0.9041 0.9359 0.9583 0.9393 0.9359 0.8291 0.8941 0.8061	13.43 12.91 11.19 10.81 9.77 9.15 8.77 8.23 7.71 6.39 5.71



#### ACCOUNT 392.00 TRANSPORATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT I	BAND 1926-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	242,284 199,254 186,109 175,032 157,112 97,742 75,734 74,314 64,852 50,874	43,030 13,145 11,077 17,919 49,372 22,008 1,420 9,462 2,774 12,711	0.1273	0.8224 0.9340 0.9405 0.8976 0.6858 0.7748 0.9813 0.8727 0.9572 0.7502	4.60 3.79 3.54 3.33 2.99 2.05 1.59 1.56 1.36
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	38,164 34,422 34,167 33,944 33,944 33,944 33,944 33,757 27,930	3,742 255 223 187 5,826 10,671		0.9019 0.9926 0.9935 1.0000 1.0000 1.0000 0.9945 0.8274 0.6179	0.98 0.88 0.87 0.87 0.87 0.87 0.87 0.87 0.8
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	17,259 17,259 14,756 14,756 14,756 10,398 10,398 10,398 6,796 6,796	2,503	0.0000 0.1450 0.0000 0.0000 0.2400 0.0000 0.0000 0.0000 0.0000	1.0000 0.8550 1.0000 1.0000 0.7600 1.0000 1.0000 1.0000 1.0000	0.44 0.44 0.38 0.38 0.38 0.29 0.29 0.29 0.29
69.5 70.5 71.5 72.5 73.5 74.5	6,796 6,796 1,047 1,047 1,047	5,749	0.0000 0.8460 0.0000 0.0000 0.0000	1.0000 0.1540 1.0000 1.0000 1.0000	0.29 0.29 0.04 0.04 0.04 0.04

75.5

76.5

77.5

78.5

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0.04

0.04

0.04

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0.0000

0.0000

0.9642

1.0000

1.0000

1.0000

0.0358

## ACCOUNT 392.00 TRANSPORATION EQUIPMENT

PLACEMENT I	BAND 1926-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5	38 38 38	38	0.0000 0.0000 1.0000	1.0000	0.00 0.00 0.00
82.5					

## ACCOUNT 392.00 TRANSPORATION EQUIPMENT

PLACEMENT	BAND 1926-2022		EXPER	RIENCE BAN	D 1983-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	22,902,818 21,914,645 19,287,382 18,151,737 16,913,066 16,638,801 6,201,246 6,307,268 6,321,569	23,384 32,825 1,041 440,709 12,634 5,205 1,651	0.0000 0.0000 0.0012 0.0018 0.0001 0.0265 0.0020 0.0008 0.0003	1.0000 1.0000 0.9988 0.9982 0.9999 0.9735 0.9980 0.9992 0.9997	100.00 100.00 100.00 99.88 99.70 99.69 97.05 96.85 96.77
8.5	6,368,788	27,969	0.0044	0.9956	96.75
9.5	6,419,355	58,489	0.0091	0.9909	96.32
10.5	6,510,415	136,237	0.0209	0.9791	95.45
11.5	6,373,481	241,565	0.0379	0.9621	93.45
12.5	6,340,942	280,656	0.0443	0.9557	89.91
13.5	6,058,175	194,448	0.0321	0.9679	85.93
14.5	5,819,275	451,949	0.0777	0.9223	83.17
15.5	5,332,043	739,803	0.1387	0.8613	76.71
16.5	4,404,203	233,377	0.0530	0.9470	66.07
17.5	3,559,551	226,050	0.0635	0.9365	62.57
18.5	2,813,398	300,746	0.1069	0.8931	58.59
19.5	2,341,355	130,144	0.0556	0.9444	52.33
20.5	2,126,378	51,092	0.0240	0.9760	49.42
21.5	1,297,163	140,951	0.1087	0.8913	48.23
22.5	1,025,485	80,834	0.0788	0.9212	42.99
23.5	952,174	32,085	0.0337	0.9663	39.60
24.5	927,578	121,054	0.1305	0.8695	38.27
25.5	672,693	74,737	0.1111	0.8889	33.27
26.5	605,242	46,673	0.0771	0.9229	29.58
27.5	637,585	7,372	0.0116	0.9884	27.30
28.5	644,150	20,528	0.0319	0.9681	26.98
29.5	632,117	88,724	0.1404	0.8596	26.12
30.5	551,752	20,288	0.0368	0.9632	22.45
31.5	539,811	54,351	0.1007	0.8993	21.63
32.5	486,766	32,258	0.0663	0.9337	19.45
33.5	455,874	19,116	0.0419	0.9581	18.16
34.5	439,090	27,904	0.0636	0.9364	17.40
35.5	412,019	26,728	0.0649	0.9351	16.30
36.5	386,592	69,478	0.1797	0.8203	15.24
37.5	317,161	35,257	0.1112	0.8888	12.50
38.5	281,903	58,797	0.2086	0.7914	11.11

## ACCOUNT 392.00 TRANSPORATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1926-2022		EXPER	RIENCE BAN	D 1983-2022
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
INTERVAL	AGE INTERVAL	INIBRVAL	MIIO	IMIIO	INIBRVAD
39.5	219,205	35,931	0.1639	0.8361	8.79
40.5	183,274	13,145	0.0717	0.9283	7.35
41.5	170,129	9,492	0.0558	0.9442	6.82
42.5	160,795	16,867	0.1049	0.8951	6.44
43.5	145,354	49,372	0.3397	0.6603	5.77
44.5	86,244	22,008	0.2552	0.7448	3.81
45.5	64,236	1,420	0.0221	0.9779	2.84
46.5	62,816	9,462	0.1506	0.8494	2.77
47.5	53,354	2,774	0.0520	0.9480	2.36
48.5	39,376	6,962	0.1768	0.8232	2.23
49.5	32,415	3,742	0.1154	0.8846	1.84
50.5	28,673	255	0.0089	0.9911	1.63
51.5	28,418	223	0.0078	0.9922	1.61
52.5	28,195		0.0000	1.0000	1.60
53.5	28,195		0.0000	1.0000	1.60
54.5	28,195		0.0000	1.0000	1.60
55.5	28,195		0.0000	1.0000	1.60
56.5	33,944	187	0.0055	0.9945	1.60
57.5	33,757	5,826	0.1726	0.8274	1.59
58.5	27,930	10,671	0.3821	0.6179	1.32
59.5	17,259		0.0000	1.0000	0.81
60.5	17,259	2,503	0.1450	0.8550	0.81
61.5	14,756	,	0.0000	1.0000	0.70
62.5	14,756		0.0000	1.0000	0.70
63.5	14,756	3,541	0.2400	0.7600	0.70
64.5	10,398	•	0.0000	1.0000	0.53
65.5	10,398		0.0000	1.0000	0.53
66.5	10,398		0.0000	1.0000	0.53
67.5	6,796		0.0000	1.0000	0.53
68.5	6,796		0.0000	1.0000	0.53
69.5	6,796		0.0000	1.0000	0.53
70.5	6,796	5,749	0.8460	0.1540	0.53
71.5	1,047	5,.25	0.0000	1.0000	0.08
72.5	1,047		0.0000	1.0000	0.08
73.5	1,047		0.0000	1.0000	0.08
74.5	1,047		0.0000	1.0000	0.08
75.5	1,047		0.0000	1.0000	0.08
76.5	1,047		0.0000	1.0000	0.08
77.5	1,047		0.0000	1.0000	0.08
, ,	1,017		0.0000	1.0000	0.00

78.5

1,009 0.9642 0.0358 0.08

1,047

## ACCOUNT 392.00 TRANSPORATION EQUIPMENT

PLACEMENT E	BAND 1926-2022		EXPER	RIENCE BAN	D 1983-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5	38 38 38	38	0.0000 0.0000 1.0000	1.0000	0.00 0.00 0.00

## ACCOUNT 392.00 TRANSPORATION EQUIPMENT

PLACEMENT	BAND 1938-2022		EXPEF	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	19,715,398 19,092,601 17,739,515 17,185,663 15,748,587 15,327,104 5,249,756 5,255,356 5,261,619 5,321,129	23,384 32,825 440,709 1,651 16,597	0.0000 0.0000 0.0013 0.0019 0.0000 0.0288 0.0000 0.0000 0.0003	1.0000 1.0000 0.9987 0.9981 1.0000 0.9712 1.0000 1.0000 0.9997 0.9969	100.00 100.00 100.00 99.87 99.68 99.68 96.81 96.81 96.81
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	5,304,532 5,256,261 5,205,073 5,194,613 4,924,336 4,737,081 4,294,088 3,469,979 2,662,944 1,934,020	50,987 81,472 219,485 261,502 142,803 408,525 695,725 187,404 208,821 233,539	0.0096 0.0155 0.0422 0.0503 0.0290 0.0862 0.1620 0.0540 0.0784 0.1208	0.9904 0.9845 0.9578 0.9497 0.9710 0.9138 0.8380 0.9460 0.9216 0.8792	96.48 95.55 94.07 90.10 85.57 83.09 75.92 63.62 60.18 55.47
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,523,925 1,372,807 599,485 394,023 467,405 565,820 346,534 351,660 343,596 380,365	99,769 37,500 115,010 80,834 30,755 105,513 55,421 22,443 6,607 13,855	0.0655 0.0273 0.1918 0.2051 0.0658 0.1865 0.1599 0.0638 0.0192 0.0364	0.9345 0.9727 0.8082 0.7949 0.9342 0.8135 0.8401 0.9362 0.9808 0.9636	48.77 45.57 44.33 35.83 28.48 26.60 21.64 18.18 17.02 16.69
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	433,529 395,107 384,775 332,169 309,323 297,945 285,603 265,306 213,473 193,863	85,635 11,333 52,606 22,845 11,378 12,342 20,297 58,697 19,609 45,105	0.1975 0.0287 0.1367 0.0688 0.0368 0.0414 0.0711 0.2212 0.0919 0.2327	0.8025 0.9713 0.8633 0.9312 0.9632 0.9586 0.9289 0.7788 0.9081 0.7673	16.08 12.91 12.54 10.82 10.08 9.71 9.31 8.64 6.73 6.11



#### ACCOUNT 392.00 TRANSPORATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1938-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5	144,857 114,939 105,688 103,050 95,193 41,409 40,711 40,711 45,483	34,161 9,251 4,243 12,497 49,372 13,109 8,296 2,616	0.2358 0.0805 0.0401 0.1213 0.5187 0.3166 0.0000 0.2038 0.0575	0.7642 0.9195 0.9599 0.8787 0.4813 0.6834 1.0000 0.7962 0.9425	4.69 3.58 3.30 3.16 2.78 1.34 0.91 0.91
48.5 49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	33,068 26,106 25,905 25,905 25,905 25,905 25,905 26,092 27,148 26,961 21,135	187 5,826 10,671	0.2105 0.1433 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.7895 0.8567 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9931 0.7839 0.4951	0.69 0.54 0.46 0.46 0.46 0.46 0.46 0.46 0.46 0.46
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	10,463 10,463 7,960 7,960 8,969 4,649 4,649 1,047	2,503	0.0000 0.2392 0.0000 0.0000 0.3948 0.0000 0.0000 0.0000	1.0000 0.7608 1.0000 1.0000 0.6052 1.0000 1.0000 1.0000	0.18 0.18 0.14 0.14 0.14 0.08 0.08 0.08 0.08
69.5	1,047		0.0000	1.0000	0.08

70.5

71.5

72.5

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74.5

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## ACCOUNT 392.00 TRANSPORATION EQUIPMENT

PLACEMENT I	BAND 1938-2022		EXPER	RIENCE BAN	D 2003-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5	38 38 38	38	0.0000 0.0000 1.0000	1.0000	0.00 0.00 0.00

8

ORIGINAL CURVE ■ 1939-2022 EXPERIENCE 1939-2022 PLACEMENTS 2 00 DUKE ENERGY INDIANA ACCOUNT 396.00 POWER OPERATED EQUIPMENT ORIGINAL AND SMOOTH SURVIVOR CURVES IOWA 23-R1 20 AGE IN YEARS 30 20 9 <del>ا</del>ه 7 30-9 9 8 9 20 20 РЕВСЕИТ ЗИВУІУІИС

## ACCOUNT 396.00 POWER OPERATED EQUIPMENT

PLACEMENT	BAND 1939-2022		EXPER	RIENCE BAN	D 1956-2022
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	8,380,051 4,362,741 4,363,640 3,867,860 1,657,887 1,542,413 1,522,347 1,492,059 1,474,062 1,490,519	101,863 12,723 59,588 18,782 52,065 23,834 30,456 26,457 13,218 38,306	0.0122 0.0029 0.0137 0.0049 0.0314 0.0155 0.0200 0.0177 0.0090 0.0257	0.9878 0.9971 0.9863 0.9951 0.9686 0.9845 0.9800 0.9823 0.9910 0.9743	100.00 98.78 98.50 97.15 96.68 93.64 92.20 90.35 88.75 87.95
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	1,455,592 1,457,318 1,445,176 1,411,972 1,372,898 1,364,149 1,362,453 1,360,249 1,304,180 1,253,261	1 12,142 33,204 39,074 8,749 1,696 3,510 56,069 50,919 100,747	0.0000 0.0083 0.0230 0.0277 0.0064 0.0012 0.0026 0.0412 0.0390 0.0804	1.0000 0.9917 0.9770 0.9723 0.9936 0.9988 0.9974 0.9588 0.9610 0.9196	85.69 85.69 84.98 83.03 80.73 80.21 80.12 79.91 76.62 73.62
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,144,240 1,012,535 879,792 832,804 346,262 308,071 275,167 248,213 223,899 223,899	131,706 115,789 46,988 74,565 38,190 32,904 26,954	0.1151 0.1144 0.0534 0.0895 0.1103 0.1068 0.0980 0.0000 0.0000	0.8849 0.8856 0.9466 0.9105 0.8897 0.8932 0.9020 1.0000 1.0000	67.71 59.91 53.06 50.23 45.73 40.69 36.34 32.78 32.78
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	223,899 223,899 223,899 213,167 213,167 211,398 193,068 189,181 180,231	10,732 1,769 18,330 3,887 8,950	0.0000 0.0000 0.0479 0.0000 0.0083 0.0867 0.0201 0.0473 0.0000	1.0000 1.0000 0.9521 1.0000 0.9917 0.9133 0.9799 0.9527 1.0000	32.78 32.78 32.78 31.21 31.21 30.95 28.27 27.70 26.39 26.39

## ACCOUNT 396.00 POWER OPERATED EQUIPMENT

PLACEMENT BAND 1939-2022 EXPERIENCE BAND 195										
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL					
39.5 40.5 41.5 42.5 43.5 44.5	180,231 84,904 64,029 64,029 36,670 12,113	19,214 6,341	0.1066 0.0747 0.0000 0.0000 0.0000 0.0000	0.8934 0.9253 1.0000 1.0000 1.0000	26.39 23.57 21.81 21.81 21.81 21.81 21.81					

PART VIII. NET SALVAGE STATISTICS

DUKE ENERGY INDIANA TABLE 2. CALCULATION OF WEIGHTED NET SALVAGE PERCENT FOR GENERATION PLANT AS OF JUNE 39, 2023

	Ï	TERMINAL RETIREMENTS	TS	Z	INTERIM RETIREMENTS	ø	TOTAL		ESTIMATED
LOCATION	RETIREMENTS (\$)	NET SALVAGE (%)	NET SALVAGE (\$)	RETIREMENTS (\$)	NET SALVAGE (%)	NET SALVAGE (\$)	NET SALVAGE (\$)	ORIGINAL COST	NET SALVAGE (%)
(1) STEAM PRODUCTION	(2)	(3)	(4)=-(3)*(2)	(5)	(9)	(7)=-(5)x(6)	(8)=(4)+(7)	(9)=(2)+(5)	(10)=-(8)/(9)
CAYUGA EDWARDSPORT	1,398,625,519 739,148,594	(19) (14)	265,738,849 103,480,803	67,865,298 2,010,851,406	(10)	6,786,530 201,085,141	272,525,378 304,565,944	1,466,490,817 2,749,999,999	(19) (11)
GIBSON	3,150,195,354	(25)	787,548,838	527,183,843	(10)	52,718,384	840,267,223	3,677,379,197	(23)
TOTAL STEAM PRODUCTION	5,287,969,466		1,156,768,490	2,605,900,546		260,590,055	1,417,358,545	7,893,870,013	
HYDRO PRODUCTION									
MARKLAND	110,448,141	(6)	9,940,333	46,483,799	(24)	11,156,112	21,096,445	156,931,940	(13)
TOTAL HYDRO PRODUCTION	110,448,141		9,940,333	46,483,799		11,156,112	21,096,445	156,931,940	
OTHER PRODUCTION									
CAYUGACT	41,917,562	(2)	2,095,878	14,526,474	(10)	1,452,647	3,548,525	56,444,036	(9)
HENRY COUNTY	69,382,473	(7)	4,856,773	26,920,178	(10)	2,692,018	7,548,791	96,302,652	(8)
MADISON	211,312,002	(2)	4,226,240	134,891,514	(10)	13,489,151	17,715,391	346,203,516	(2)
NOBLESVILLE CT	224,275,131	(20)	44,855,026	77,519,356	(10)	7,751,936	52,606,962	301,794,488	(17)
PURDUE	38,183,049	(4)	1,527,322	16,825,176	(10)	1,682,518	3,209,840	55,008,225	(9)
VERMILLION	114,800,606	(4)	4,592,024	50,761,186	(10)	5,076,119	9,668,143	165,561,793	(9)
WHEATLAND	74,366,453	(4)	2,974,658	51,596,025	(10)	5,159,603	8,134,261	125,962,478	(9)
TOTAL OTHER PRODUCTION	774,237,276		65,127,922	373,039,910		37,303,991	102,431,913	1,147,277,186	
SOLAR PRODUCTION									
CRANE ATTERBURY	20,007,263 3,535,385	(14)	2,801,017 35,354	18,139,839 1,859,806	(2)	362,797 37,196	3,163,814 72,550	38,147,102 5,395,191	(8)
TOTAL SOLAR PRODUCTION	23,542,648		2,836,371	19,999,645		399,993	3,236,364	43,542,293	

DUKE ENERGY INDIANA
TABLE 3. DECOMMISSIONING COSTS RELATED TO GENERATING UNITS

						•			
TIND	ESTIMATED RETIREMENT YEAR	TOTAL DECOMMISSIONING COSTS	COAL ASH ARO	TOTAL DECOMMISSIONING COSTS LESS PCM	ESCALATED DECOMMISSIONING COSTS LESS PCM	ESCALATED COAL ASH ARO	TOTAL ESCALATED DECOMMISSIONING COSTS	TERMINAL RETIREMENTS	TOTAL NET SALVAGE
(F)	(2)	(3)	(4)	(5)	(9)	(2)	(8)	(6)	(10)
STEAM PRODUCTION									
CAYUGA	2029	192,570,300	32,749,824	159,820,476	223,322,509	37,979,755	261,302,264	1,395,427,256	19
GIBSON	2038	513,159,700	46,507,949	26,570,000 466,651,751	743,208,253	67,357,377	810,565,630	3,263,193,707	25
TOTAL STEAM PRODUCTION		764,300,000	79,257,773	685,042,227	1,067,363,199	105,337,132	1,172,700,331	5,397,769,557	
HYDRO PRODUCTION									
MARKLAND	2061	3,786,000	0	3,786,000	9,675,814	0	9,675,814	110,448,141	6
TOTAL HYDRO PRODUCTION		3,786,000	0	3,786,000	9,675,814	0	9,675,814	110,448,141	
OTHER PRODUCTION									
CAYUGA CT	2036	1,398,000	0	1,398,000	1,927,158	0	1,927,158	41,917,562	ω
HENRY COUNTY	2038	3,476,000	0 0	3,476,000	5,034,284	0 (	5,034,284	68,658,331	7
NOBLESVILLE CT	2035	2,844,000	12.817.629	2,844,000	4,435,669	17.238.287	4,435,669	224.275.131	20
PURDUE	2057	785,000	0	785,000	1,539,131	0	1,539,131	38,183,049	4
VERMILLION	2043	2,837,600	0	2,837,600	4,649,738	0	4,649,738	114,800,606	4
WHEATLAND	2043	1,975,000	0	1,975,000	3,236,267	0	3,236,267	74,366,453	4
TOTAL OTHER PRODUCTION		33,265,600	12,817,629	20,447,971	47,652,779	17,238,287	64,891,066	773,513,134	
SOLAR PRODUCTION									
CRANE ATTERBURY	2047	1,581,200 183,900	0	1,581,200 183,900	2,859,957 316,597	0	2,859,957 316,597	20,007,263 35,353,847	4 + +
TOTAL SOLAR PRODUCTION		1,765,100	0	1,765,100	3,176,554	0	3,176,554	55,361,110	
TOTAL PRODUCTION		803,116,700	92,075,402	711,041,298	1,127,868,346	122,575,419	1,250,443,765	6,337,091,941	

## ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	179,258	121,923	68		0	121,923-	68-
1990	774,086	188,382	24		0	188,382-	24-
1991	432,349	185,789	43		0	185,789-	43-
1992	457,447	154,321	34		0	154,321-	34-
1993	77,820	142,336	183		0	142,336-	183-
1994	247,352	141,059	57		0	141,059-	57-
1995	374,415	831,781	222		0	831,781-	222-
1996	432,760	133,665	31		0	133,665-	31-
1997	915,364	179,636	20		0	179,636-	20-
1998	210,271	157,788	75		0	157,788-	75-
1999	468,049	212,722	45		0	212,722-	45-
2000							
2001	36,567	2,987	8		0	2,987-	8 –
2002	1,073,560	386,795	36		0	386,795-	36-
2003	1,286,903	91,039	7	118-	0	91,157-	7 –
2004	99,445	25,039	25		0	25,039-	25-
2005	956,086	23,184	2		0	23,184-	2-
2006	124,032	129,628	105		0	129,628-	105-
2007	941,902	334,848	36		0	334,848-	36-
2008	970,469	61,777	6		0	61,777-	6-
2009	385,478	277,859	72		0	277,859-	72-
2010	2,171,096	73,719	3	4,980	0	68,739-	3 –
2011	884,719	12,379	1	326-	0	12,706-	1-
2012	565,710	320	0		0	320-	0
2013	499,809	327,927	66	9,620-	2-	337,547-	68-
2014	822,315	1,410,497	172	822-	0	1,411,319-	172-
2015	506,640	645,271	127	17,648	3	627,622-	124-
2016	349,885	107,030	31		0	107,030-	31-
2017	953,334	147,262	15		0	147,262-	15-
2018	681,899	1,234,688	181	11,359-	2-	1,246,047-	183-
2019	139,104	2,067,541		6,207	4	2,061,334-	
2020	781,252	53,883	7	1,630-	0	55,512-	7 –
2021	1,987,954	794,143	40	1-	0	794,144-	40-
2022	1,464,571	649,214	44	1,473-	0	650,687-	44-
TOTAL	22,251,901	11,306,434	51	3,486	0	11,302,948-	51-
THREE-YE	AR MOVING AVERAC	GES					
89-91	461,898	165,365	36		0	165,365-	36-
90-92	554,627	176,164	32		0	176,164-	32-
91-93	322,539	160,815	50		0	160,815-	50-
92-94	260,873	145,905	56		0	145,905-	56-
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## ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
	AR MOVING AVERAGES						
93-95	233,196	371,725	159		0	371,725-	159-
94-96	351,509	368,835	105		0	368,835-	
95-97	574,180	381,694	66		0	381,694-	66-
96-98	519,465	157,030	30		0	157,030-	30-
97-99	531,228	183,382	35		0	183,382-	35-
98-00	226,107	123,503	55		0	123,503-	55-
99-01	168,205	71,903	43		0	71,903-	43-
00-02	370,042	129,927	35		0	129,927-	35-
01-03	799,010	160,274	20	39-	0	160,313-	20-
02-04	819,969	167,624	20	39-	0	167,664-	20-
03-05	780,811	46,421	6	39-	0	46,460-	6-
04-06	393,188	59,284	15		0	59,284-	15-
05-07	674,007	162,553	24		0	162,553-	24-
06-08	678,801	175,418	26		0	175,418-	26-
07-09	765,950	224,828	29		0	224,828-	29-
08-10	1,175,681	137,785	12	1,660	0	136,125-	12-
09-11	1,147,098	121,319	11	1,551	0	119,768-	10-
10-12	1,207,175	28,806	2	1,551	0	27,255-	2-
11-13	650,079	113,542	17	3,315-	1-	116,858-	18-
12-14	629,278	579,582	92	3,481-	1-	583,062-	93-
13-15	609,588	794,565	130	2,402	0	792,163-	130-
14-16	559,613	720,933	129	5,609	1	715,324-	128-
15-17	603,286	299,854	50	5,883	1	293,972-	49-
16-18	661,706	496,327	75	3,786-	1-	500,113-	76-
17-19	591,446	1,149,830	194	1,717-	0	1,151,548-	195-
18-20	534,085	1,118,704	209	2,260-	0	1,120,964-	210-
19-21	969,437	971,856	100	1,525	0	970,330-	100-
20-22	1,411,259	499,080	35	1,035-	0	500,115-	35-
FIVE-YEAR	)						
18-22	1,010,956	959,894	95	1,651-	0	961,545-	95-

## ACCOUNT 311.20 STRUCTURES AND IMPROVEMENTS - EDWARDSPORT IGCC

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2016	357,822		0		0		0
2017	2,091	1,050	50		0	1,050-	50-
2018	405,445	,	0		0	,	0
2019	1,419,338	2,268	0	2,412	0	143	0
2020	943,153	473,285	50		0	473,285-	50-
2021	2,202,653	244,651	11		0	244,651-	11-
2022	277,512	545	0		0	545-	0
TOTAL	5,608,014	721,799	13	2,412	0	719,388-	13-
THREE-YE	CAR MOVING AVERAGE	ES					
16-18	255,119	350	0		0	350-	0
17-19	608,958	1,106	0	804	0	302-	0
18-20	922,645	158,518	17	804	0	157,714-	17-
19-21	1,521,715	240,068	16	804	0	239,264-	16-
20-22	1,141,106	239,494	21		0	239,494-	21-
FIVE-YEA	AR AVERAGE						
18-22	1,049,620	144,150	14	482	0	143,668-	14-

## ACCOUNT 312.00 BOILER PLANT EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	2,703,570	1,706,916	63	65,765	2	1,641,150-	61-
1990	9,110,202	3,014,117	33	310,462	3	2,703,655-	30-
1991	8,039,238	2,972,627	37	953,798	12	2,018,829-	25-
1992	6,053,324	2,469,140	41	137,063	2	2,332,077-	39-
1993	2,745,143	2,277,371	83	27,078	1	2,250,293-	82-
1994	4,613,523	2,256,942	49	15,540	0	2,241,403-	49-
1995	8,702,464	5,406,579	62	262,384	3	5,144,195-	59-
1996	14,106,228	2,750,529	19	26,792	0	2,723,737-	19-
1997	18,694,015	5,275,740	28	320,711	2	4,955,029-	27-
1998	7,309,553	1,957,408	27	19,940	0	1,937,469-	27-
1999	15,180,063	4,479,243	30	120,881	1	4,358,362-	29-
2000	672,087	342,325	51		0	342,325-	51-
2001	7,435,097	3,555,842	48		0	3,555,842-	48-
2002	12,175,196	11,681,474	96	581,523	5	11,099,951-	91-
2003	17,249,870	4,917,055	29	1,296	0	4,915,759-	28-
2004	5,040,801	2,654,306	53	25,246	1	2,629,060-	52-
2005	14,741,794	3,350,668	23	16,000	0	3,334,668-	23-
2006	23,826,541	6,554,514	28		0	6,554,514-	28-
2007	27,967,725	10,871,558	39	10,000	0	10,861,558-	39-
2008	40,202,485	4,264,500	11	•	0	4,264,500-	11-
2009	24,555,250	11,291,805	46	438,534	2	10,853,270-	44-
2010	19,476,390	16,279,320	84	12,189	0	16,267,131-	84-
2011	57,114,180	3,766,640	7	1,477	0	3,765,164-	7 –
2012	11,284,862	173,895	2	24,317	0	149,578-	1-
2013	28,048,293	649,540	2	31,056	0	618,484-	2-
2014	18,790,338	8,295,335	44	129,309	1	8,166,026-	43-
2015	50,178,619	5,078,279	10	28,725	0	5,049,554-	10-
2016	13,738,414	7,103,110	52	126,136	1	6,976,974-	51-
2017	41,011,582	11,811,202	29	99,065	0	11,712,137-	29-
2018	4,883,253	9,785,781	200	11,810,927	242	2,025,146	41
2019	33,096,147	15,951,220	48	2,211,565	7	13,739,655-	42-
2020	19,671,489	4,914,949	25	864,801	4	4,050,148-	21-
2021	51,918,889	11,485,541	22	2,588,029	5	8,897,512-	17-
2022	45,752,349	8,011,598	18	4,303,611	9	3,707,987-	8-
TOTAL	666,088,973	197,357,069	30	25,564,219	4	171,792,849-	26-
TUDEE VE	י אריינוגע אינדער אנדער M∩ני	CEC					
	CAR MOVING AVERA		2.0	4.4.22.4.0	-	0 101 011	2.0
89-91	6,617,670	2,564,553	39	443,342	7	2,121,211-	32-
90-92	7,734,255	2,818,628	36	467,108	6	2,351,520-	30-
91-93	5,612,568	2,573,046	46	372,646	7	2,200,400-	39-
92-94	4,470,663	2,334,484	52	59,894	1	2,274,591-	51-



## ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
	AR MOVING AVERAG		101	AMOUNT	101	AMOUNT	101
93-95	5,353,710	3,313,631	62	101,667	2	3,211,963-	60-
94-96	9,140,738	3,471,350	38	101,572	1	3,369,778-	37-
95-97	13,834,236	4,477,616	32	203,296	1	4,274,320-	31-
96-98	13,369,932	3,327,893	25	122,481	1	3,205,412-	24-
97-99	13,727,877	3,904,131	28	153,844	1	3,750,287-	27-
98-00	7,720,568	2,259,659	29	46,940	1	2,212,719-	29-
99-01	7,762,416	2,792,470	36	40,294	1	2,752,177-	35-
00-02	6,760,794	5,193,214	77	193,841	3	4,999,373-	74-
01-03	12,286,721	6,718,124	55	194,273	2	6,523,851-	53-
02-04	11,488,623	6,417,612	56	202,688	2	6,214,924-	54-
03-05	12,344,155	3,640,676	29	14,181	0	3,626,496-	29-
04-06	14,536,379	4,186,496	29	13,749	0	4,172,747-	29-
05-07	22,178,687	6,925,580	31	8,667	0	6,916,913-	31-
06-08	30,665,583	7,230,191	24	3,333	0	7,226,857-	24-
07-09	30,908,486	8,809,287	29	149,511	0	8,659,776-	28-
08-10	28,078,041	10,611,875	38	150,241	1	10,461,634-	37-
09-11	33,715,273	10,445,922	31	150,733	0	10,295,188-	31-
10-12	29,291,811	6,739,952	23	12,661	0	6,727,291-	23-
11-13	32,149,112	1,530,025	5	18,950	0	1,511,075-	5 –
12-14	19,374,498	3,039,590	16	61,561	0	2,978,029-	15-
13-15	32,339,083	4,674,385	14	63,030	0	4,611,355-	14-
14-16	27,569,124	6,825,575	25	94,723	0	6,730,851-	24-
15-17	34,976,205	7,997,530	23	84,642	0	7,912,888-	23-
16-18	19,877,750	9,566,698	48	4,012,043	20	5,554,655-	28-
17-19	26,330,327	12,516,067	48	4,707,186	18	7,808,882-	30-
18-20	19,216,963	10,217,317	53	4,962,431	26	5,254,886-	27-
19-21	34,895,508	10,783,903	31	1,888,132	5	8,895,771-	25-
20-22	39,114,242	8,137,363	21	2,585,480	7	5,551,882-	14-
FIVE-YEA	R AVERAGE						
18-22	31,064,425	10,029,818	32	4,355,787	14	5,674,031-	18-

## ACCOUNT 312.10 BOILER PLANT EQUIPMENT - COAL CARS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2005	1,146,785		0		0		0
2006	1 002 601	327,500	0	327,500	0		0
2007 2008	1,993,681		0		0		0
2009							
2010							
2011				1,540,000		1,540,000	
2012							
2013							
2014 2015							
2015							
2017							
2018							
2019							
2020							
2021							
2022							
TOTAL	3,140,466	327,500	10	1,867,500	59	1,540,000	49
THREE-YE	AR MOVING AVERAGES	}					
05-07	1,046,822	109,167	10	109,167	10		0
06-08	664,560	109,167	16	109,167	16		0
07-09	664,560		0		0		0
08-10 09-11				513,333		513,333	
10-12				513,333		513,333	
11-13				513,333		513,333	
12-14				•		·	
13-15							
14-16							
15-17							
16-18 17-19							
18-20							
10 20							



ACCOUNT 312.10 BOILER PLANT EQUIPMENT - COAL CARS

SUMMARY OF BOOK SALVAGE

COST OF GROSS NET
REGULAR REMOVAL SALVAGE SALVAGE
YEAR RETIREMENTS AMOUNT PCT AMOUNT PCT

THREE-YEAR MOVING AVERAGES

19-21

20-22

FIVE-YEAR AVERAGE

18-22

## ACCOUNT 312.20 BOILER PLANT EQUIPMENT - EDWARDSPORT IGCC

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2013	247,589		0		0		0
2014	3,701,233		0		0		0
2015	19,102,379		0		0		0
2016	10,511,934	500,692	5		0	500,692-	5 –
2017	1,224,571	950,281	78	233,489	19	716,792-	59-
2018	12,986,782	792,752	6	41-	0	792,793-	6-
2019	18,394,255	2,752,674	15	540,192	3	2,212,482-	12-
2020	13,172,916	1,124,808	9	588-	0	1,125,395-	9 –
2021	25,493,967	4,128,154	16	1,831,779	7	2,296,376-	9 –
2022	11,212,970	757,948	7	318,202	3	439,746-	4 –
TOTAL	116,048,595	11,007,308	9	2,923,033	3	8,084,275-	7-
THREE-YE	CAR MOVING AVERAG	GES					
13-15	7,683,734		0		0		0
14-16	11,105,182	166,897	2		0	166,897-	2-
15-17	10,279,628	483,657	5	77,830	1	405,828-	4-
16-18	8,241,095	747,908	9	77,816	1	670,092-	8 –
17-19	10,868,536	1,498,569	14	257,880	2	1,240,689-	11-
18-20	14,851,317	1,556,744	10	179,855	1	1,376,890-	9 –
19-21	19,020,379	2,668,545	14	790,461	4	1,878,084-	10-
20-22	16,626,618	2,003,637	12	716,464	4	1,287,172-	8 –
FIVE-YEA	AR AVERAGE						
18-22	16,252,178	1,911,267	12	537,909	3	1,373,358-	8-

## ACCOUNT 314.00 TURBOGENERATOR UNITS

		COST OF		GROSS		NET	
WEAD.	REGULAR	REMOVAL	D.CIII	SALVAGE	D.CIIII	SALVAGE	D.CIII
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	1,084,395	487,690	45	15,345	1	472,345-	44-
1990	1,541,934	376,765	24	60,089	4	316,675-	21-
1991	1,740,099	371,578	21	184,606	11	186,972-	11-
1992	1,542,578	308,642	20	57,110	4	251,533-	16-
1993	602,408	284,671	47	11,283	2	273,389-	45-
1994	390,869	282,118	72	6,475	2	275,643-	71-
1995	2,231,440	1,663,563	75	109,327	5	1,554,236-	70-
1996	324,482	73,672	23		0	73,672-	23-
1997	1,496,183	606,110	41		0	606,110-	41-
1998	556,624	25,045	4		0	25,045-	4 –
1999	526,907	110,761	21		0	110,761-	21-
2000	22,486-	5,160	23-		0	5,160-	23
2001	348,105	119,476	34		0	119,476-	34-
2002	3,826,660	1,153,990	30		0	1,153,990-	30-
2003	3,860,163	765,582	20	186-	0	765,768-	20-
2004	1,519,483	186,206	12		0	186,206-	12-
2005	1,834,772	250,394	14		0	250,394-	14-
2006	7,887,904	592,065	8		0	592,065-	8 –
2007	5,640,986	1,197,031	21		0	1,197,031-	21-
2008	15,170,202	783,385	5		0	783,385-	5 –
2009	11,975,094	1,242,508	10	750	0	1,241,758-	10-
2010	4,645,575	75,428	2		0	75,428-	2-
2011	9,226,441	89,231	1	29-	0	89,261-	1-
2012	2,039,273		0		0		0
2013	4,557,798	5,884	0		0	5,884-	0
2014	3,565,819	321,359-	- 9-	1,626,362	46	1,947,721	55
2015	6,001,416	1,678,575	28	21,293-	0	1,699,869-	28-
2016	1,398,960	1,232,166	88	25,983	2	1,206,183-	86-
2017	2,420,107	3,611,296	149	178,240-	7-	3,789,536-	157-
2018	304,347-	128,790	42-	3,878-	1	132,668-	44
2019	1,808,488	846,102	47	27,356	2	818,746-	45-
2020	3,047,615	2,042,871	67	53,044	2	1,989,827-	65-
2021	2,602,459	636,027	24	3,647	0	632,380-	24-
2022	4,616,980	257,287	6		0	257,287-	6-
TOTAL	109,705,384	21,168,712	19	1,977,750	2	19,190,962-	17-
THREE-YE	AR MOVING AVERAG	BES					
			2.0	06 600	_	205 221	2.2
89-91	1,455,476	412,011	28	86,680	6	325,331-	22-
90-92	1,608,204	352,328	22	100,602	6	251,727-	16-
91-93	1,295,028	321,631	25	84,333	7	237,298-	18-
92-94	845,285	291,811	35	24,956	3	266,855-	32-

## ACCOUNT 314.00 TURBOGENERATOR UNITS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE.	AR MOVING AVERAGES						
93-95	1,074,906	743,451	69	42,361	4	701,089-	65-
94-96	982,264	673,118	69	38,601	4	634,517-	65-
95-97	1,350,702	781,115	58	36,442	3	744,673-	55-
96-98	792,430	234,942	30		0	234,942-	30-
97-99	859,905	247,305	29		0	247,305-	29-
98-00	353,682	46,988	13		0	46,988-	13-
99-01	284,175	78,466	28		0	78,466-	28-
00-02	1,384,093	426,209	31		0	426,209-	31-
01-03	2,678,309	679,683	25	62-	0	679,745-	25-
02-04	3,068,769	701,926	23	62-	0	701,988-	23-
03-05	2,404,806	400,728	17	62-	0	400,790-	17-
04-06	3,747,386	342,889	9		0	342,889-	9 –
05-07	5,121,220	679,830	13		0	679,830-	13-
06-08	9,566,364	857,493	9		0	857,493-	9 –
07-09	10,928,760	1,074,308	10	250	0	1,074,058-	10-
08-10	10,596,957	700,440	7	250	0	700,190-	7 –
09-11	8,615,703	469,056	5	240	0	468,816-	5 –
10-12	5,303,763	54,887	1	10-	0	54,896-	1-
11-13	5,274,504	31,705	1	10-	0	31,715-	1-
12-14	3,387,630	105,158-	3 –	542,121	16	647,279	19
13-15	4,708,344	454,367	10	535,023	11	80,656	2
14-16	3,655,398	863,128	24	543,684	15	319,444-	9 –
15-17	3,273,494	2,174,013	66	57,850-	2-	2,231,863-	68-
16-18	1,171,574	1,657,418	141	52,045-	4-	1,709,463-	146-
17-19	1,308,083	1,528,730	117	51,587-	4-	1,580,317-	121-
18-20	1,517,252	1,005,921	66	25,507	2	980,414-	65-
19-21	2,486,187	1,175,000	47	28,016	1	1,146,984-	46-
20-22	3,422,351	978,728	29	18,897	1	959,831-	28-
FIVE-YEA	R AVERAGE						
18-22	2,354,239	782,215	33	16,034	1	766,181-	33-

## ACCOUNT 314.20 TURBOGENERATOR UNITS - EDWARDSPORT IGCC

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2015	12,834		0		0		0
2016	2,313,324	95,627	4	405,215-	18-	500,842-	22-
2017	1,163	3,404	293		0	3,404-	293-
2018	26,585,905		0		0		0
2019	78,487,467	1,811,991	2		0	1,811,991-	2-
2020	2,348,711	3,257	0		0	3,257-	0
2021	7,960,539	1,962,776	25		0	1,962,776-	25-
2022	65,529,248	5,051,261	8		0	5,051,261-	8 –
TOTAL	183,239,191	8,928,314	5	405,215-	0	9,333,529-	5-
THREE-YE	AR MOVING AVERAG	ES					
15-17	775,773	33,010	4	135,072-	17-	168,082-	22-
16-18	9,633,464	33,010	0	135,072-	1-	168,082-	2-
17-19	35,024,845	605,131	2		0	605,131-	2-
18-20	35,807,361	605,083	2		0	605,083-	2-
19-21	29,598,906	1,259,341	4		0	1,259,341-	4-
20-22	25,279,499	2,339,098	9		0	2,339,098-	9-
FIVE-YEA	R AVERAGE						
18-22	36,182,374	1,765,857	5		0	1,765,857-	5-

## ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	138,785	73,154	53	4,384	3	68,769-	50-
1990	579,531	37,676	7	20,030	3	17,647-	3 –
1991	455,509	148,631	33	61,535	14	87,096-	19-
1992	428,877	123,457	29	22,844	5	100,613-	23-
1993	832,441	113,869	14	4,513	1	109,356-	13-
1994	56,847	28,212	50	2,590	5	25,622-	45-
1995	509,200	332,713	65	43,731	9	288,982-	57-
1996	5,012,834	102,978	2	30,870	1	72,108-	1-
1997	38,410	15,162	39		0	15,162-	39-
1998	59,880	3,508	6		0	3,508-	6 –
1999	156,712	21,916	14	10,000	6	11,916-	8 –
2000	4,316	4,326	100		0	4,326-	100-
2001	193,295	924	0		0	924-	0
2002	462,286	50,243	11	34,000	7	16,243-	4 –
2003	397,755	83,416	21		0	83,416-	21-
2004	312,695	231,003	74		0	231,003-	74-
2005							
2006	193,611	162,251	84	238,721	123	76,470	39
2007	406,503	64,019	16		0	64,019-	16-
2008	538,066	23,905	4		0	23,905-	4 –
2009	51,009	8,557	17		0	8,557-	17-
2010	176,841	21,860	12	1-	0	21,860-	12-
2011	1,138,152	18,208	2		0	18,208-	2-
2012	166,755		0		0		0
2013	2,239,703	25,180	1	178-	0	25,359-	1-
2014	1,160,926	324,705	28	22,939	2	301,766-	26-
2015	177,917	88,598	50	1,608-	1-	90,206-	51-
2016	211,895-	155,248	73-	605	0	154,642-	73
2017	1,537,928	275,370	18		0	275,370-	18-
2018	266,504	79,738	30		0	79,738-	30-
2019	2,613,113	540,308	21	124-	0	540,432-	21-
2020	320,830	137,938	43		0	137,938-	43-
2021	99,738	137,904	138	3,948	4	133,956-	134-
2022	3,382,565	678,926	20		0	678,926-	20-
TOTAL	23,897,639	4,113,901	17	498,798	2	3,615,103-	15-
THREE-YE	AR MOVING AVERAGE	ES					
89-91	391,275	86,487	22	28,650	7	57,837-	15-
90-92	487,972	103,255	21	34,803	7	68,452-	14-
91-93	572,276	128,652	22	29,631	5	99,022-	17-
92-94	439,388	88,512	20	9,982	2	78,530-	18-
, <u>, , , , , , , , , , , , , , , , , , </u>	100,000	50,512	20	J, J U Z	2	,0,550	-0



## ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
93-95	466,163	158,264	34	16,945	4	141,320-	30-
94-96	1,859,627	154,634	8	25,730	1	128,904-	7-
95-97	1,853,481	150,284	8	24,867	1	125,417-	7-
96-98	1,703,708	40,549	2	10,290	1	30,259-	2-
97-99	85,001	13,528	16	3,333	4	10,195-	12-
98-00	73,636	9,917	13	3,333	5	6,583-	9 –
99-01	118,107	9,055	8	3,333	3	5,722-	5 –
00-02	219,966	18,498	8	11,333	5	7,164-	3 –
01-03	351,112	44,861	13	11,333	3	33,527-	10-
02-04	390,912	121,554	31	11,333	3	110,221-	28-
03-05	236,817	104,806	44		0	104,806-	44-
04-06	168,769	131,085	78	79,574	47	51,511-	31-
05-07	200,038	75,423	38	79,574	40	4,151	2
06-08	379,394	83,391	22	79,574	21	3,818-	1-
07-09	331,860	32,160	10		0	32,160-	10-
08-10	255,306	18,107	7		0	18,107-	7 –
09-11	455,334	16,208	4		0	16,208-	4-
10-12	493,916	13,356	3		0	13,356-	3 –
11-13	1,181,536	14,463	1	59-	0	14,522-	1-
12-14	1,189,128	116,628	10	7,587	1	109,042-	9 –
13-15	1,192,849	146,161	12	7,051	1	139,110-	12-
14-16	375,649	189,517	50	7,312	2	182,205-	49-
15-17	501,317	173,072	35	334-	0	173,406-	35-
16-18	530,845	170,119	32	202	0	169,917-	32-
17-19	1,472,515	298,472	20	41-	0	298,513-	20-
18-20	1,066,816	252,661	24	41-	0	252,703-	24-
19-21	1,011,227	272,050	27	1,275	0	270,776-	27-
20-22	1,267,711	318,256	25	1,316	0	316,940-	25-
FIVE-YEAR	)						
18-22	1,336,550	314,963	24	765	0	314,198-	24-

## ACCOUNT 315.20 ACCESSORY ELECTRIC EQUIPMENT - EDWARDSPORT IGCC

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
		11100111			711100111	
2014	315,677		0	0		0
2015						
2016	98,230	7,666	8	0	7,666-	
2017	428,706	12,227	3	0	12,227-	3 –
2018						
2019	899,060		0	0		0
2020	215,727	162	0	0	162-	0
2021	2,929,811	3,123	0	0	3,123-	0
2022	519,449		0	0		0
TOTAL	5,406,660	23,178	0	0	23,178-	0
THREE-YE	AR MOVING AVERAG	ES				
14-16	137,969	2,555	2	0	2,555-	2-
15-17	175,645	6,631	4	0	6,631-	4-
16-18	175,645	6,631	4	0	6,631-	4-
17-19	442,589	4,076	1	0	4,076-	1-
18-20	371,596	54	0	0	54-	0
19-21	1,348,199	1,095	0	0	1,095-	0
20-22	1,221,662	1,095	0	0	1,095-	0
FIVE-YEA	R AVERAGE					
18-22	912,809	657	0	0	657-	0

## ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1989	133,744	48,769	36	2,192	2	46,577-	35-
1990	838,458	150,706	18	10,015	1	140,691-	17-
1991	129,663	37,158	29	30,768	24	6,390-	5-
1992	424,782	30,864	7	11,422	3	19,442-	5-
1993	104,360	28,467	27	2,257	2	26,211-	25-
1994	547,980	112,847	21	1,295	0	111,552-	20-
1995	371,098	83,178	22	21,865	6	61,313-	17-
1996	329,885	5,980	2	38,500	12	32,520	10
1997	582,753	10,957	2	4,200	1	6,757-	1-
1998	839,322	35,400	4	17,152	2	18,248-	2-
1999	1,602,059	198,807	12	9,433	1	189,373-	12-
2000	132,175	9,174-			0	9,174	7
2001	279,256	13,340	5	10,120	4	3,220-	1-
2002	182,172	16,198	9	12,552	7	3,646-	2-
2003	3,475,920	60,543	2		0	60,543-	2-
2004	58,618	2,172	4	5,663	10	3,491	6
2005		18,349-	-			18,349	
2006							
2007	594,224	62,292	10		0	62,292-	10-
2008	1,758,265	61,596	4		0	61,596-	4-
2009	241,585	79,778	33	459	0	79,318-	33-
2010	4,748,413	217,625-		13,236	0	230,861	5
2011	771,258	987	0	1,720	0	733	0
2012	368,097	1,813	0	1-	0	1,814-	0
2013	6,280,557	2,628	0		0	2,628-	0
2014	1,294,380	56,912	4	4,161-	0	61,073-	5-
2015	798,989	47,262	6		0	47,262-	6-
2016	380,919	46,413	12		0	46,413-	12-
2017	206,747	19,580	9	1,490-	1-	21,070-	10-
2018	816,697	16,902	2	2,183-	0	19,085-	2-
2019	449,676	11,180-		8,020	2	19,200	4
2020	28,632	4,147	14		0	4,147-	14-
2021	34,542	18,995	55	3 –	0	18,997-	55-
2022	9,394		0		0		0
TOTAL	28,814,619	998,362	3	193,032	1	805,330-	3-
THREE-YE	AR MOVING AVERAGES						
89-91	367,288	78,878	21	14,325	4	64,553-	18-
90-92	464,301	72,909	16	17,401	4	55,508-	12-
91-93	219,602	32,163	15	14,815	7	17,348-	8-
92-94	359,041	57,393	16	4,991	1	52,402-	15-
) <u>.</u> ) .	337,011	5,,575	-0	1,771	_	52,102	10

## ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

	_	COST OF		GROSS		NET	
VEAD	REGULAR	REMOVAL	DOT	SALVAGE	DOT	SALVAGE	DCT
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE.	AR MOVING AVERAGES	5					
93-95	341,146	74,831	22	8,472	2	66,359-	19-
94-96	416,321	67,335	16	20,553	5	46,782-	11-
95-97	427,912	33,372	8	21,522	5	11,850-	3 –
96-98	583,987	17,446	3	19,951	3	2,505	0
97-99	1,008,045	81,721	8	10,262	1	71,459-	7 –
98-00	857,852	75,011	9	8,862	1	66,149-	8 –
99-01	671,163	67,658	10	6,518	1	61,140-	9 –
00-02	197,867	6,788	3	7,558	4	769	0
01-03	1,312,449	30,027	2	7,557	1	22,469-	2-
02-04	1,238,904	26,304	2	6,072	0	20,232-	2-
03-05	1,178,180	14,789	1	1,888	0	12,901-	1-
04-06	19,539	5,392-	28-	1,888	10	7,280	37
05-07	198,075	14,648	7		0	14,648-	7 –
06-08	784,163	41,296	5		0	41,296-	5-
07-09	864,691	67,888	8	153	0	67,735-	8 –
08-10	2,249,421	25,417-	1-	4,565	0	29,982	1
09-11	1,920,419	45,620-	2-	5,138	0	50,758	3
10-12	1,962,589	71,608-	4 –	4,985	0	76,593	4
11-13	2,473,304	1,809	0	573	0	1,236-	0
12-14	2,647,678	20,451	1	1,387-	0	21,838-	1-
13-15	2,791,309	35,601	1	1,387-	0	36,988-	1-
14-16	824,763	50,195	6	1,387-	0	51,583-	6-
15-17	462,218	37,751	8	497-	0	38,248-	8 –
16-18	468,121	27,631	6	1,224-	0	28,856-	6-
17-19	491,040	8,434	2	1,449	0	6,985-	1-
18-20	431,668	3,290	1	1,946	0	1,344-	0
19-21	170,950	3,987	2	2,673	2	1,315-	1-
20-22	24,189	7,714	32	1-	0	7,715-	32-
FIVE-YEA	R AVERAGE						
18-22	267,788	5,773	2	1,167	0	4,606-	2-

## ACCOUNT 316.20 MISCELLANEOUS POWER PLANT EQUIPMENT - EDWARDSPORT IGCC

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
2014	193,982		0	0		0
2015	110,465		0	0		0
2016	11,393	16,681	146	0	16,681-	146-
2017						
2018						
2019	542,484	18,810	3	0	18,810-	3 –
2020	239,120	8,004	3	0	8,004-	3 –
2021	135,951		0	0		0
2022						
TOTAL	1,233,395	43,496	4	0	43,496-	4 –
THREE-YEA	AR MOVING AVERAGE	:S				
14-16	105,280	5,560	5	0	5,560-	5-
15-17	40,620	5,560	14	0	5,560-	14-
16-18	3,798	5,560	146	0	5,560-	146-
17-19	180,828	6,270	3	0	6,270-	3 –
18-20	260,535	8,938	3	0	8,938-	3 –
19-21	305,852	8,938	3	0	8,938-	3 –
20-22	125,023	2,668	2	0	2,668-	2-
FIVE-YEAR	K AVEKAGE					
18-22	183,511	5,363	3	0	5,363-	3 –

## ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

VEND	REGULAR	COST OF REMOVAL	DOT	GROSS SALVAGE	n	NET SALVAGE	DOT
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PC'	T.	AMOUNT	PCT
1999	59,333	12,800	22	(	С	12,800-	22-
2000							
2001	1,868	443	24	(	С	443-	24-
2002	21,165	9,430	45	(	С	9,430-	45-
2003							
2004							
2005							
2006							
2007	2,800	338	12	(	С	338-	12-
2008							
2009							
2010							
2011							
2012							
2013							
2014							
2015	31,578		0	(	С		0
2016							
2017	12,236	14,339	117	(	С	14,339-	117-
2018	3,399-	559	16-	(	С	559-	16
2019	3,803		0	(	С		0
2020	230	14,305		(	С	14,305-	
2021							
2022	5,336	8,156	153	(	C	8,156-	153-
TOTAL	134,951	60,369	45	(	)	60,369-	45-
THREE-YE	AR MOVING AVERAGE	ES					
99-01	20,401	4,414	22	(	Э	4,414-	22-
00-02	7,678	3,291	43		С	3,291-	43-
01-03	7,678	3,291	43		С	3,291-	43-
02-04	7,055	3,143	45		Э	3,143-	45-
03-05							
04-06							
05-07	933	113	12	(	Э	113-	12-
06-08	933	113	12		Э	113-	12-
07-09	933	113	12		)	113-	12-
08-10							
09-11							
10-12							
11-13							
12-14							

## ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

		COST OF		GROSS	NET
	REGULAR	REMOVAL		SALVAGE	SALVAGE
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PCT	AMOUNT PCT
THREE-YE	AR MOVING AVERAGES				
13-15	10,526		0	0	0
14-16	10,526		0	0	0
15-17	14,605	4,780	33	0	4,780- 33-
16-18	2,946	4,966	169	0	4,966- 169-
17-19	4,213	4,966	118	0	4,966- 118-
18-20	211	4,954		0	4,954-
19-21	1,344	4,768	355	0	4,768- 355-
20-22	1,855	7,487	404	0	7,487- 404-
FIVE-YEA	R AVERAGE				
18-22	1,194	4,604	386	0	4,604- 386-

## ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1999	83,906	66,030	79		0	66,030-	79-
2000	·	·				·	
2001							
2002	55,786-	93,566	168-		0	93,566-	168
2003	6,249	1,871	30		0	1,871-	30-
2004							
2005	948		0		0		0
2006	31,539		0		0		0
2007	202,079	20,063	10		0	20,063-	10-
2008	11,040	146	1		0	146-	1-
2009	13,775	2,068	15		0	2,068-	15-
2010	318,171	4,841	2		0	4,841-	2-
2011	22,894	496	2		0	496-	2-
2012							
2013							
2014							
2015							
2016							
2017							
2018							
2019	256,103	102,308	40	1,920	1	100,388-	39-
2020	220	254	115		0	254-	115-
2021							
2022							
TOTAL	891,138	291,642	33	1,920	0	289,722-	33-
THREE-YE	AR MOVING AVERAG	ES					
99-01	27,969	22,010			0	22,010-	
00-02	18,595-	31,188			0	31,188-	168
01-03	16,512-	31,812			0	31,812-	
02-04	16,512-	31,812	193-		0	31,812-	193
03-05	2,399	624	26		0	624-	26-
04-06	10,829		0		0		0
05-07	78,189	6,688	9		0	6,688-	9 –
06-08	81,553	6,736	8		0	6,736-	8 –
07-09	75,631	7,426	10		0	7,426-	10-
08-10	114,329	2,352	2		0	2,352-	2-
09-11	118,280	2,468	2		0	2,468-	2-
10-12	113,688	1,779	2		0	1,779-	2-
11-13	7,631	165	2		0	165-	2-
12-14							



## ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
13-15							
14-16							
15-17							
16-18							
17-19	85,368	34,103	40	640	1	33,463-	39-
18-20	85,441	34,187	40	640	1	33,547-	39-
19-21	85,441	34,187	40	640	1	33,547-	39-
20-22	73	85	115		0	85-	115-
FIVE-YEA	R AVERAGE						
18-22	51,265	20,512	40	384	1	20,128-	39-

## ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1992	177,485	28,745	16		0	28,745-	16-
1993	24,258	7,006	29		0	7,006-	29-
1994	51,735	•	0		0	·	0
1995	•						
1996							
1997							
1998							
1999							
2000							
2001							
2002	199,228	42,164	21		0	42,164-	21-
2003	51,552	18,103	35		0	18,103-	35-
2004	97,407	17,491	18		0	17,491-	18-
2005	,	,				,	
2006							
2007	17,170	5,588	33		0	5,588-	33-
2008	,	,				,	
2009							
2010							
2011	16,629		0		0		0
2012	.,						
2013							
2014							
2015							
2016							
2017	74,883	4,500	6		0	4,500-	6-
2018	4,503,848		0		0		0
2019	5,879	1,439,035		3,293	56	1,435,742-	
2020	1,802,184	11,792	1		0	11,792-	1-
2021	970,102		121		0	1,172,316-	121-
2022	840,054	1,867,765	222	11,986	1	1,855,780-	221-
TOTAL	8,832,413	4,614,505	52	15,279	0	4,599,227-	52-
THREE-YE	AR MOVING AVERAG	ES					
92-94	84,493	11,917	14		0	11,917-	14-
93-95	25,331	2,335	9		0	2,335-	9-
94-96	17,245	2,333	0		0	2,333	0
95-97	_ , ,		Ü		•		Ü
96-98							
97-99							
98-00							

## ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	EAR MOVING AVERAGE	IS					
99-01							
00-02	66,409	14,055	21		0	14,055-	21-
01-03	83,593	20,089	24		0	20,089-	24-
02-04	116,062	25,919	22		0	25,919-	22-
03-05	49,653	11,865	24		0	11,865-	24-
04-06	32,469	5,830	18		0	5,830-	18-
05-07	5,723	1,863	33		0	1,863-	33-
06-08	5,723	1,863	33		0	1,863-	33-
07-09	5,723	1,863	33		0	1,863-	33-
08-10							
09-11	5,543		0		0		0
10-12	5,543		0		0		0
11-13	5,543		0		0		0
12-14							
13-15							
14-16							
15-17	24,961	1,500	6		0	1,500-	6-
16-18	1,526,244	1,500	0		0	1,500-	0
17-19	1,528,203	481,178	31	1,098	0	480,081-	31-
18-20	2,103,970	483,609	23	1,098	0	482,511-	23-
19-21	926,055	874,381	94	1,098	0	873,283-	94-
20-22	1,204,113	1,017,291	84	3,995	0	1,013,296-	84-
FIVE-YEA	AR AVERAGE						
18-22	1,624,413	898,182	55	3,056	0	895,126-	55-

## ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2004	1,238		0		0		0
2005							
2006							
2007	13,407	3,338	25		0	3,338-	25-
2008							
2009							
2010							
2011							
2012							
2013							
2014							
2015							
2016	8,826	1,350	15		0	1,350-	15-
2017							
2018	290,892		0		0		0
2019	361,580	20,687	6	1,441	0	19,246-	5 –
2020	273,628	163,592	60		0	163,592-	60-
2021							
2022	164,609	11,782	7		0	11,782-	7 –
TOTAL	1,114,180	200,749	18	1,441	0	199,308-	18-
THREE-YE	AR MOVING AVERAG	ES					
04-06	413		0		0		0
05-07	4,469	1,113	25		0	1,113-	25-
06-08	4,469	1,113	25		0	1,113-	25-
07-09	4,469	1,113	25		0	1,113-	25-
08-10							
09-11							
10-12							
11-13							
12-14							
13-15							
14-16	2,942	450	15		0	450-	15-
15-17	2,942	450	15		0	450-	15-
16-18	99,906	450	0		0	450-	0
17-19	217,491	6,896	3	480	0	6,415-	3-
18-20	308,700	61,426	20	480	0	60,946-	20-

## ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
19-21	211,736	61,426	29	480	0	60,946-	29-
20-22	146,079	58,458	40		0	58,458-	40-
FIVE-YEA	R AVERAGE						
18-22	218,142	39,212	18	288	0	38,924-	18-

## ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
1992	958	1,513	158	0	1,513-	158-
1993		,			,	
1994						
1995						
1996						
1997						
1998						
1999						
2000		242			242-	
2001						
2002	51,945		0	0		0
2003	•					
2004						
2005						
2006						
2007						
2008	3,534		0	0		0
2009	3,150		0	0		0
2010	7,420	2,065	28	0	2,065-	28-
2011	21,154	2,000	0	0	2,000	0
2012	21/101		Ü	G		Ü
2013	7,117		0	0		0
2014	,, , , , , ,		Ü	G		Ü
2015						
2016	69,292	15,045	22	0	15,045-	22-
2017	07/272	137013		G	13 / 0 13	
2018	119,018		0	0		0
2019	73,099	2,949	4	205 0	2,744-	4-
2020	1,515	95	6	0	95-	6-
2021	1,313	, ,	Ü	G	, ,	Ü
2022						
2022						
TOTAL	358,201	21,909	6	205 0	21,704-	6-
THREE-YE	AR MOVING AVERAG	GES				
92-94	319	504	158	0	504-	158-
93-95						
94-96						
95-97						
96-98						
97-99						
98-00		81			81-	

## ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
	EAR MOVING AVERAGES	11100111	101	11100111	101	11100111	101
	Int hoving highligh	0.1				0.1	
99-01	18 215	81	0		0	81-	0
00-02	17,315	81	0		0	81-	0
01-03	17,315		0		0		0
02-04	17,315		0		0		0
03-05							
04-06							
05-07	1 170		0		0		0
06-08	1,178		0		0		0
07-09	2,228	600	0		0	600	0
08-10	4,701	688	15		0	688-	15-
09-11	10,575	688	7		0	688-	7-
10-12	9,525	688	7		0	688-	7 –
11-13	9,424		0		0		0
12-14	2,372		0		0		0
13-15	2,372	F 01F	0		0	F 01F	0
14-16	23,097	5,015	22		0	5,015-	22-
15-17	23,097	5,015	22		0	5,015-	22-
16-18	62,770	5,015	8		0	5,015-	8 –
17-19	64,039	983	2	68	0	915-	1-
18-20	64,544	1,015	2	68	0	946-	1-
19-21	24,871	1,015	4	68	0	946-	4-
20-22	505	32	6		0	32-	6-
FIVE-YEA	AR AVERAGE						
18-22	38,726	609	2	41	0	568-	1-

## ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1994	1,832	1,524	83		0	1,524-	83-
1995							
1996							
1997							
1998							
1999	500	77	15		0	77-	15-
2000							
2001							
2002							
2003		145,232		416		144,816-	
2004							
2005							
2006							
2007	132,185	41,584	31		0	41,584-	31-
2008							
2009	16,581		0		0		0
2010	36,722	4,736	13		0	4,736-	13-
2011	85,106	70,191	82		0	70,191-	82-
2012	53,604		0		0		0
2013	8,079		0		0		0
2014	50,657	1,021	2		0	1,021-	2-
2015	74,505		0		0		0
2016	378,591	1,000	0		0	1,000-	0
2017	6,756-	36,642	542-		0	36,642-	542
2018	637,648	1,440	0		0	1,440-	0
2019	118,066	24,724	21		0	24,724-	21-
2020	621,001	767	0		0	767-	0
2021	147,022	214,061	146	717-	0	214,778-	146-
2022	129,717	16,909	13		0	16,909-	13-
TOTAL	2,485,062	559,907	23	301-	0	560,208-	23-
THREE-YE	AR MOVING AVERAGES	}					
94-96	611	508	83		0	508-	83-
95-97							
96-98							
97-99	167	26	15		0	26-	15-
98-00	167	26	15		0	26-	15-
99-01	167	26	15		0	26-	15-
00-02		_ •	-		-	_ •	
01-03		48,411		139		48,272-	
02-04		48,411		139		48,272-	
0_ 01		-0,		± 5 7		10,2,2	

## ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	S					
03-05		48,411		139		48,272-	
04-06							
05-07	44,062	13,861	31		0	13,861-	31-
06-08	44,062	13,861	31		0	13,861-	31-
07-09	49,589	13,861	28		0	13,861-	28-
08-10	17,768	1,579	9		0	1,579-	9 –
09-11	46,136	24,976	54		0	24,976-	54-
10-12	58,477	24,976	43		0	24,976-	43-
11-13	48,930	23,397	48		0	23,397-	48-
12-14	37,447	340	1		0	340-	1-
13-15	44,414	340	1		0	340-	1-
14-16	167,918	674	0		0	674-	0
15-17	148,780	12,547	8		0	12,547-	8 –
16-18	336,494	13,027	4		0	13,027-	4-
17-19	249,653	20,935	8		0	20,935-	8 –
18-20	458,905	8,977	2		0	8,977-	2-
19-21	295,363	79,850	27	239-	0	80,090-	27-
20-22	299,247	77,246	26	239-	0	77,485-	26-
FIVE-YEA	R AVERAGE						
18-22	330,691	51,580	16	143-	0	51,724-	16-

#### ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
				711700171			
1991	4,336	3,061	71		0	3,061-	71-
1992							
1993							
1994							
1995							
1996							
1997							
1998							
1999							
2000							
2001							
2002							
2003							
2004	18,904	800	4		0	800-	4-
2005							
2006							
2007							
2008							
2009							
2010							
2011							
2012							
2013	100 540		0		0		0
2014	128,548		0 0		0		0
2015 2016	81,531 96,186-	1,500	2-		0 0	1,500-	0
2010	11,599-	1,500	0		0	1,500-	2 0
2017	559,639		0		0		0
2018	42,007	4	0		0	4-	0
2019	266,869	19,026	7		0	19,026-	7-
2021	35,002	21,591	62	34,295	98	12,704	36
2021	33,002	21,331	02	34,273	70	12,704	30
2022							
TOTAL	1,029,052	45,982	4	34,295	3	11,687-	1-
THREE-YE	AR MOVING AVERAGES	5					
91-93 92-94 93-95 94-96 95-97 96-98	1,445	1,020	71		0	1,020-	71-



#### ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	CAR MOVING AVERAGES	5					
97-99							
98-00							
99-01							
00-02							
01-03							
02-04	6,301	267	4		0	267-	4 –
03-05	6,301	267	4		0	267-	4-
04-06	6,301	267	4		0	267-	4 –
05-07							
06-08							
07-09							
08-10							
09-11							
10-12							
11-13							
12-14	42,849		0		0		0
13-15	70,026		0		0		0
14-16	37,964	500	1		0	500-	1-
15-17	8,751-	500	6-		0	500-	6
16-18	150,618	500	0		0	500-	0
17-19	196,682	1	0		0	1-	0
18-20	289,505	6,343	2		0	6,343-	2-
19-21	114,626	13,540	12	11,432	10	2,108-	2-
20-22	100,624	13,539	13	11,432	11	2,107-	2-
FIVE-YEA	AR AVERAGE						
18-22	180,704	8,124	4	6,859	4	1,265-	1-

## ACCOUNT 343.00 PRIME MOVERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL	DCT	GROSS SALVAGE	PCT	NET SALVAGE	DOT
		AMOUNT	PCT	AMOUNT		AMOUNT	PCT
1996	240,025	17,611	7		0	17,611-	7 –
1997	441,000	196,694	45	82,933	19	113,761-	26-
1998	10,043	200	2		0	200-	2-
1999	472,875	12,879	3		0	12,879-	3 –
2000							
2001	34,845	489	1		0	489-	1-
2002	1,511,966	385,390	25		0	385,390-	25-
2003	1,030,788		171	2,078	0	1,760,060-	
2004	4,149,995	348,087	8	3,400	0	344,687-	8 –
2005	87,380	264	0		0	264-	0
2006	744,633	147,403	20		0	147,403-	20-
2007	14,959,590	2,462,680	16		0	2,462,680-	16-
2008	7,582,800	100,675	1		0	100,675-	1-
2009	1,023,393	174,557	17		0	174,557-	17-
2010	6,569,836	1,351,046-	- 21-	1,647,046	25	2,998,092	46
2011	5,612,691	169,964	3	267,757	5	97,793	2
2012	2,932,231		0		0		0
2013	8,326,371		0		0		0
2014	22,826,917	1,057,454-	- 5-	109,883	0	1,167,336	5
2015	31,263,387	25,125	0		0	25,125-	0
2016	6,902,916	169,422	2	660,047	10	490,625	7
2017	32,560,398-	140,704	0	79,103	0	61,601-	0
2018	25,138,436	580,923	2	130,138	1	450,785-	2-
2019	15,229,274	1,051,554	7	3,230,872	21	2,179,317	14
2020	6,079,539	2,353,480	39	28,425,359	468	26,071,879	429
2021	1,069,577	3,945,638	369	25,858,173		21,912,535	
2022	11,445,689	40,639	0		0	40,639-	0
TOTAL	143,125,800	11,678,016	8	60,496,788	42	48,818,772	34
THREE-YE	EAR MOVING AVERAG	SES					
96-98	230,356	71,502	31	27,644	12	43,857-	19-
97-99	307,972	69,924	23	27,644	9	42,280-	14-
98-00	160,972	4,360	3	2.,011	0	4,360-	3-
99-01	169,240	4,456	3		0	4,456-	3-
00-02	515,604	128,626	25		0	128,626-	25-
01-03	859,200	716,006	83	693	0	715,313-	83-
02-04	2,230,916	831,872	37	1,826	0	830,046-	37-
03-05	1,756,055	703,496	40	1,826	0	701,670-	40-
04-06	1,660,670	165,251	10	1,133	0	164,118-	10-
05-07	5,263,868	870,116	17	1,133	0	870,116-	17-
06-08	7,762,341	903,586	12		0	903,586-	12-
00-00	1,102,341	903,300	<b>1</b>		U	903,300-	12-



## ACCOUNT 343.00 PRIME MOVERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	EAR MOVING AVERAGES	S					
07-09	7,855,261	912,637	12		0	912,637-	12-
08-10	5,058,676	358,604-	7 –	549,015	11	907,620	18
09-11	4,401,973	335,508-	8 –	638,268	14	973,776	22
10-12	5,038,252	393,694-	8 –	638,268	13	1,031,961	20
11-13	5,623,764	56,655	1	89,252	2	32,598	1
12-14	11,361,840	352,485-	3 –	36,628	0	389,112	3
13-15	20,805,558	344,110-	2-	36,628	0	380,737	2
14-16	20,331,074	287,636-	1-	256,643	1	544,279	3
15-17	1,868,635	111,750	6	246,383	13	134,633	7
16-18	173,015-	297,016	172-	289,762	167-	7,254-	4
17-19	2,602,437	591,060	23	1,146,704	44	555,644	21
18-20	15,482,416	1,328,652	9	10,595,456	68	9,266,804	60
19-21	7,459,464	2,450,224	33	19,171,468	257	16,721,244	224
20-22	6,198,269	2,113,252	34	18,094,511	292	15,981,259	258
FIVE-YEA	AR AVERAGE						
18-22	11,792,503	1,594,447	14	11,528,908	98	9,934,462	84

## ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2021	1,810,932	69,900	4	1,544,716	85	1,474,816	81
2022	2,621,918	373,792	14	8,099,846	309	7,726,054	295
TOTAL	4,432,850	443,692	10	9,644,562	218	9,200,870	208

## ACCOUNT 344.00 GENERATORS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1996	32,449	1,000	3		0	1,000-	3-
1997	442,080	30,000	7		0	30,000-	7 –
1998							
1999							
2000							
2001	35,643		0		0		0
2002	893,724-		0		0		0
2003	379,379	161,229	42	489	0	160,739-	42-
2004	109,437	27,253	25		0	27,253-	25-
2005							
2006	714,538	4,520	1		0	4,520-	1-
2007	3,031,502	734,359	24		0	734,359-	24-
2008	224,008	14,803	7		0	14,803-	7 –
2009	159,333	32,384	20		0	32,384-	20-
2010	26,790	65,988	246		0	65,988-	246-
2011	1,059,164	121	0		0	121-	0
2012	254,767		0		0		0
2013	844,762		0		0		0
2014	37,575	136,244	363		0	136,244-	363-
2015	57,934		0		0		0
2016	738,484	3,272	0		0	3,272-	0
2017	38,315	26,291	69		0	26,291-	69-
2018	9,722,326		0		0		0
2019	2,377,666	42,799	2	36,555	2	6,244-	0
2020	2,724,806	422,897	16		0	422,897-	16-
2021	1,436,855	443,430	31	20,408-	1-	463,837-	32-
2022	29,002	78,318	270		0	78,318-	270-
TOTAL	23,583,091	2,224,907	9	16,637	0	2,208,270-	9 –
THREE-YE	CAR MOVING AVERAGE	S					
96-98	158,176	10,333	7		0	10,333-	7-
97-99	147,360	10,000	7		0	10,000-	7-
98-00	11,7500	20,000	•		· ·	20,000	,
99-01	11,881		0		0		0
00-02	286,027-		0		0		0
01-03	159,567-	53,743	34-	163	0	53,580-	34
02-04	134,969-	62,827	47-	163	0	62,664-	46
03-05	162,939	62,827	39	163	0	62,664-	38-
04-06	274,658	10,591	4	203	0	10,591-	4-
05-07	1,248,680	246,293	20		0	246,293-	20-
06-08	1,323,349	251,227	19		0	251,227-	19-
	_, 525,515				3	201/22/	



## ACCOUNT 344.00 GENERATORS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	CAR MOVING AVERAGE	S					
07-09	1,138,281	260,515	23		0	260,515-	23-
08-10	136,711	37,725	28		0	37,725-	28-
09-11	415,096	32,831	8		0	32,831-	8 –
10-12	446,907	22,036	5		0	22,036-	5-
11-13	719,564	40	0		0	40-	0
12-14	379,034	45,415	12		0	45,415-	12-
13-15	313,424	45,415	14		0	45,415-	14-
14-16	277,998	46,505	17		0	46,505-	17-
15-17	278,244	9,854	4		0	9,854-	4 –
16-18	3,499,708	9,854	0		0	9,854-	0
17-19	4,046,102	23,030	1	12,185	0	10,845-	0
18-20	4,941,599	155,232	3	12,185	0	143,047-	3 –
19-21	2,179,776	303,042	14	5,383	0	297,659-	14-
20-22	1,396,888	314,882	23	6,803-	0	321,684-	23-
FIVE-YEA	AR AVERAGE						
18-22	3,258,131	197,489	6	3,230	0	194,259-	6-

## ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1989	51,945	4,837	9		0	4,837-	9-
1990	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,				,	
1991							
1992	11,687	3,583	31	50	0	3,533-	30-
1993							
1994							
1995							
1996	7,827	117	1		0	117-	1-
1997	2,359	150	6		0	150-	6 –
1998							
1999	145,348	29,444	20		0	29,444-	20-
2000							
2001							
2002							
2003	14,420	43,441	301	88	1	43,353-	301-
2004	11,671	·	0		0	·	0
2005	•						
2006	6,002	379	6		0	379-	6 –
2007	13,377	462	3		0	462-	3 –
2008	95,454	1,683	2		0	1,683-	2-
2009	54,096	,	0		0	,	0
2010	120,460	32,175	27		0	32,175-	27-
2011	821,793	2,961	0		0	2,961-	0
2012	711,134	•	0		0	,	0
2013	1,222,490		0		0		0
2014	642,269-	129,936	20-	18,858	3-	111,079-	17
2015	566,337	5,000	1	.,	0	5,000-	1-
2016	405,041	31,789	8		0	31,789-	8 –
2017	400,929	10,050	3		0	10,050-	3 –
2018	3,419,464	•	0		0	,	0
2019	109,733	7,997	7		0	7,997-	7 –
2020	822,415	20,291	2		0	20,291-	2-
2021	437,309	222,749	51	2,045-	0	224,794-	51-
2022	107,008	22,070	21	ŕ	0	22,070-	21-
TOTAL	8,916,030	569,113	6	16,951	0	552,163-	6-
THREE-YE	CAR MOVING AVERAGES						
89-91	17,315	1,612	9		0	1,612-	9-
90-92	3,896	1,194	31	17	0	1,178-	30-
91-93	3,896	1,194	31	17	0	1,178-	30-
92-94	3,896	1,194	31	17	0	1,178-	30-
) <u>.</u> ) .	3,000	±,±,1	J ±	± /	3	1,1,0	20

## ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEA	R MOVING AVERAGES						
93-95							
94-96	2,609	39	1		0	39-	1-
95-97	3,395	89	3		0	89-	3 –
96-98	3,395	89	3		0	89-	3 –
97-99	49,235	9,865	20		0	9,865-	20-
98-00	48,449	9,815	20		0	9,815-	20-
99-01	48,449	9,815	20		0	9,815-	20-
00-02							
01-03	4,807	14,480	301	29	1	14,451-	301-
02-04	8,697	14,480	166	29	0	14,451-	166-
03-05	8,697	14,480	166	29	0	14,451-	166-
04-06	5,891	126	2		0	126-	2-
05-07	6,460	280	4		0	280-	4 –
06-08	38,277	841	2		0	841-	2-
07-09	54,309	715	1		0	715-	1-
08-10	90,003	11,286	13		0	11,286-	13-
09-11	332,116	11,712	4		0	11,712-	4 –
10-12	551,129	11,712	2		0	11,712-	2-
11-13	918,472	987	0		0	987-	0
12-14	430,452	43,312	10	6,286	1	37,026-	9 –
13-15	382,186	44,979	12	6,286	2	38,693-	10-
14-16	109,703	55,575	51	6,286	6	49,289-	45-
15-17	457,436	15,613	3		0	15,613-	3 –
16-18	1,408,478	13,946	1		0	13,946-	1-
17-19	1,310,042	6,016	0		0	6,016-	0
18-20	1,450,538	9,429	1		0	9,429-	1-
19-21	456,486	83,679	18	682-	. 0	84,361-	18-
20-22	455,577	88,370	19	682-	0	89,052-	20-
FIVE-YEAR	AVERAGE						
18-22	979,186	54,621	6	409-	0	55,030-	6-

## ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2001	105,403	600	1		0	600-	1-
2002							
2003		511,279		1,049		510,230-	
2004							
2005							
2006							
2007	54,659	2,941	5		0	2,941-	5-
2008	153,724	6,360	4		0	6,360-	4 –
2009	114,406		0		0		0
2010	74,725	35,469	47		0	35,469-	47-
2011	436,923		0	16,355	4	16,355	4
2012	304,977		0		0		0
2013	98,026		0		0		0
2014	208,760	476	0		0	476-	0
2015	16,231-		0		0		0
2016	130,056	6,650	5	119,398	92	112,748	87
2017	88,562	6,566	7		0	6,566-	7 –
2018	270,988	2,000	1	4.5.000	0	2,000-	1-
2019	733,888	3,984	1	15,000	2	11,016	2
2020	386,292	9,924	3	10,500	3	576	0
2021 2022	45,263	23,780	53	649-	1-	24,429-	54-
TOTAL	3,190,422	610,030	19	161,653	5	448,376-	14-
THREE-YEA	AR MOVING AVERAG	ES					
01-03	35,134	170,627	486	350	1	170,277-	485-
02-04		170,426		350		170,077-	
03-05		170,426		350		170,077-	
04-06							
05-07	18,220	980	5		0	980-	5 –
06-08	69,461	3,100	4		0	3,100-	4 –
07-09	107,597	3,100	3		0	3,100-	3 –
08-10	114,285	13,943	12		0	13,943-	12-
09-11	208,685	11,823	6	5,452	3	6,371-	3 –
10-12	272,208	11,823	4	5,452	2	6,371-	2-
11-13	279,975		0	5,452	2	5,452	2
12-14	203,921	159	0		0	159-	0
13-15	96,852	159	0		0	159-	0
14-16	107,529	2,375	2	39,799	37	37,424	35
15-17	67,462	4,405	7	39,799	59	35,394	52
16-18	163,202	5,072	3	39,799	24	34,727	21



## ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	}					
17-19	364,479	4,183	1	5,000	1	817	0
18-20	463,723	5,303	1	8,500	2	3,197	1
19-21	388,481	12,563	3	8,284	2	4,279-	1-
20-22	143,852	11,235	8	3,284	2	7,951-	6-
FIVE-YEA	R AVERAGE						
18-22	287,286	7,938	3	4,970	2	2,967-	1-

## ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1989	66,416		19	6,105	9	6,769-	10-
1909	00,410	12,874	19	0,105	9	0,709-	10-
1990							
1991							
1992							
1994							
1995							
1996	3,600	413	11	16,812	467	16,399	456
1997	7,359	129	2	10,012	0	129-	2-
1998	3,260	127	0		0	127	0
1999	51,876	12,323	24	798	2	11,525-	22-
2000	31,070	12,323	21	750	2	11,525	22
2001	1,415		0		0		0
2002	99,131	2,383	2		0	2,383-	2-
2003	>> / <u>-</u> 5-	_,555	_		Ü	2,303	_
2004	677	690	102		0	690-	102-
2005	20,692	11,887	57		0	11,887-	
2006	7,100		137		0	9,711-	
2007	14,188	3,287	23		0	3,287-	
2008	1,816		125		0	2,268-	
2009	_,	_,			-	_,	
2010	530	117	22		0	117-	22-
2011							
2012							
2013	174,306	16,602	10		0	16,602-	10-
2014	58,995	4,198	7		0	4,198-	7 –
2015	543,213	57,143	11		0	57,143-	11-
2016							
2017							
2018	666,454	28,785	4		0	28,785-	4 –
2019	2,441,442	135,676	6	25-	0	135,701-	6-
2020	129,841	80,378	62	166-	0	80,544-	62-
2021	1,878,109-	109,970	6-	326	0	109,644-	6
2022	60,369	5,638	9		0	5,638-	9 –
TOTAL	2,474,571	494,470	20	23,851	1	470,619-	19-
THREE-YE	AR MOVING AVERAGES						
89-91	22,139	4,291	19	2,035	9	2,256-	10-
90-92	/ /	-,		2,000	-	2,200	_ •
91-93							
92-94							

## ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE.	AR MOVING AVERAGES						
93-95							
94-96	1,200	138	11	5,604	467	5,466	456
95-97	3,653	181	5	5,604	153	5,423	148
96-98	4,740	181	4	5,604	118	5,423	114
97-99	20,832	4,151	20	266	1	3,885-	19-
98-00	18,379	4,108	22	266	1	3,842-	21-
99-01	17,764	4,108	23	266	1	3,842-	22-
00-02	33,515	794	2		0	794-	2-
01-03	33,515	794	2		0	794-	2-
02-04	33,269	1,024	3		0	1,024-	3 –
03-05	7,123	4,192	59		0	4,192-	59-
04-06	9,490	7,429	78		0	7,429-	78-
05-07	13,993	8,295	59		0	8,295-	59-
06-08	7,701	5,089	66		0	5,089-	66-
07-09	5,335	1,852	35		0	1,852-	35-
08-10	782	795	102		0	795-	102-
09-11	177	39	22		0	39-	22-
10-12	177	39	22		0	39-	22-
11-13	58,102	5,534	10		0	5,534-	10-
12-14	77,767	6,933	9		0	6,933-	9 –
13-15	258,838	25,981	10		0	25,981-	10-
14-16	200,736	20,447	10		0	20,447-	10-
15-17	181,071	19,048	11		0	19,048-	11-
16-18	222,151	9,595	4		0	9,595-	4 –
17-19	1,035,965	54,820	5	8 –	0	54,828-	5 –
18-20	1,079,246	81,613	8	64-	0	81,677-	8 –
19-21	231,058	108,675	47	45	0	108,630-	47-
20-22	562,633-	65,328	12-	53	0	65,275-	12
FIVE-YEA	R AVERAGE						
18-22	283,999	72,089	25	27	0	72,062-	25-
10 22	200,000	12,000	23	27	J	72,002	25

# ACCOUNT 353.00 STATION EQUIPMENT

		COST OF		GROSS		NET	
VE VD	REGULAR	REMOVAL	DOM	SALVAGE	Dam	SALVAGE	DOT
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	777,783	141,619	18	36,633	5	104,986-	13-
1990	355,730	258,233	73	245,824	69	12,409-	3 –
1991							
1992	461,287	139,093	30	57,744	13	81,349-	18-
1993	62,477	52,708	84	38,703	62	14,005-	22-
1994	248,227	165,549	67	98,911	40	66,638-	27-
1995	778,647	126,674	16	112,460	14	14,213-	2-
1996	501,957	46,998	9	22,928	5	24,071-	5 –
1997	232,077	20,173	9		0	20,173-	9 –
1998	2,811,940	264,273	9	27,925	1	236,348-	8 –
1999	2,713,807	419,659	15	49,070	2	370,589-	14-
2000	80,702	14,559	18	700	1	13,859-	17-
2001	1,544,502	160,742	10		0	160,742-	10-
2002	1,999,641	290,116	15		0	290,116-	15-
2003	580,443		0		0		0
2004	1,228,930	433,781	35	27,285	2	406,495-	33-
2005	2,662,534	248,878	9		0	248,878-	9 –
2006	1,218,655	543,289	45	10,408	1	532,882-	44-
2007	2,501,792	356,121	14	88,365	4	267,756-	11-
2008	888,108	39,972	5		0	39,972-	5-
2009	50,480	11,258	22		0	11,258-	22-
2010	1,975,461	372,076	19	15,000	1	357,076-	18-
2011	258,151	99,027	38		0	99,027-	38-
2012	2,542	982	39		0	982-	39-
2013	7,251,734	380,204	5	74-	0	380,278-	5-
2014	2,542,732	1,279,486	50	19,278-	1-	1,298,765-	51-
2015	11,986,026	2,291,678	19	40,302-	0	2,331,980-	19-
2016	8,768,049	478,755	5	1,112-	0	479,867-	5-
2017	7,939,157	1,011,914	13	29,452	0	982,462-	12-
2018	38,835,322	479,908	1		0	479,908-	1-
2019	10,754,560	795,627	7	185,942	2	609,685-	6-
2020	12,391,850	3,750,538	30	4,350-	0	3,754,889-	30-
2021	10,653,490	4,815,791	45	58,350	1	4,757,441-	45-
2022	6,914,167	2,122,667	31	28,231	0	2,094,435-	30-
TOTAL	141,972,961	21,612,346	15	1,068,814	1	20,543,532-	14-
TUDDE VE	AR MOVING AVERAG	ידיכ					
89-91	377,838	133,284	35	94,152	25	39,132-	10-
90-92	272,339	132,442	49	101,189	37	31,253-	11-
91-93	174,588	63,934	37	32,149	18	31,785-	18-
92-94	257,330	119,117	46	65,119	25	53,997-	21-



# ACCOUNT 353.00 STATION EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE.	AR MOVING AVERAGES						
93-95	363,117	114,977	32	83,358	23	31,619-	9-
94-96	509,610	113,074	22	78,100	15	34,974-	7-
95-97	504,227	64,615	13	45,129	9	19,486-	4-
96-98	1,181,991	110,482	9	16,951	1	93,531-	8 –
97-99	1,919,275	234,702	12	25,665	1	209,037-	11-
98-00	1,868,816	232,830	12	25,898	1	206,932-	11-
99-01	1,446,337	198,320	14	16,590	1	181,730-	13-
00-02	1,208,282	155,139	13	233	0	154,906-	13-
01-03	1,374,862	150,286	11		0	150,286-	11-
02-04	1,269,671	241,299	19	9,095	1	232,204-	18-
03-05	1,490,635	227,553	15	9,095	1	218,458-	15-
04-06	1,703,373	408,649	24	12,564	1	396,085-	23-
05-07	2,127,661	382,763	18	32,924	2	349,838-	16-
06-08	1,536,185	313,127	20	32,924	2	280,203-	18-
07-09	1,146,793	135,783	12	29,455	3	106,328-	9 –
08-10	971,349	141,102	15	5,000	1	136,102-	14-
09-11	761,364	160,787	21	5,000	1	155,787-	20-
10-12	745,385	157,362	21	5,000	1	152,362-	20-
11-13	2,504,142	160,071	6	25-	0	160,095-	6-
12-14	3,265,669	553,557	17	6,451-	0	560,008-	17-
13-15	7,260,164	1,317,123	18	19,885-	0	1,337,007-	18-
14-16	7,765,602	1,349,973	17	20,231-	0	1,370,204-	18-
15-17	9,564,411	1,260,782	13	3,987-	0	1,264,769-	13-
16-18	18,514,176	656,859	4	9,447	0	647,412-	3 –
17-19	19,176,346	762,483	4	71,798	0	690,685-	4 –
18-20	20,660,578	1,675,358	8	60,530	0	1,614,827-	8 –
19-21	11,266,634	3,120,652	28	79,980	1	3,040,672-	27-
20-22	9,986,503	3,562,998	36	27,410	0	3,535,588-	35-
FIVE-YEA	R AVERAGE						
18-22	15,909,878	2,392,906	15	53,634	0	2,339,272-	15-

## ACCOUNT 354.00 TOWERS AND FIXTURES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1990	2,717	17,216	634		0	17,216-	634-
1991							
1992	37,969	69,546	183		0	69,546-	183-
1993							
1994	371,594		0		0		0
1995	343		0		0		0
1996	20,419	2,893	14	6,849	34	3,956	19
1997	1,452,324	111,355	8	16,496	1	94,860-	7 –
1998	111,005	37,899	34	43,125	39	5,226	5
1999	45,031	67,895	151		0	67,895-	151-
2000							
2001	6,565	13,367	204		0	13,367-	204-
2002	114,346-		0		0		0
2003	8,763		0		0		0
2004							
2005	4,976	232-	5-		0	232	5
2006	5,214		0		0		0
2007	38,371	14	0		0	14-	0
2008	476,938	7	0		0	7-	0
2009		54,197-				54,197	
2010	26,878	2,385	9		0	2,385-	9 –
2011	90,573	5,355	6		0	5,355-	6 –
2012	328,655		0		0		0
2013	209,268		0		0		0
2014	264,525	117,482	44		0	117,482-	44-
2015	66,367	883,568			0	883,568-	
2016	13,168	168,442			0	168,442-	
2017	1,022,269	170,035	17		0	170,035-	17-
2018	20,299		0	2,639	13	2,639	13
2019	113,021	226,474	200		0	226,474-	200-
2020							
2021	35,667	483,445		30-	0	483,475-	
2022	12,496		0		0		0
TOTAL	4,671,071	2,322,948	50	69,079	1	2,253,869-	48-
THREE-YE	AR MOVING AVERAGI	ES					
90-92	13,562	28,921	213		0	28,921-	213-
91-93	12,656	23,182	183		0	23,182-	183-
92-94	136,521	23,182	17		0	23,182-	17-
93-95	123,979		0		0		0
94-96	130,785	964	1	2,283	2	1,319	1

## ACCOUNT 354.00 TOWERS AND FIXTURES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	5					
95-97	491,029	38,083	8	7,782	2	30,301-	6-
96-98	527,916	50,716	10	22,157	4	28,559-	5-
97-99	536,120	72,383	14	19,874	4	52,509-	10-
98-00	52,012	35,265	68	14,375	28	20,890-	40-
99-01	17,199	27,087	157		0	27,087-	157-
00-02	35,927-	4,456	12-		0	4,456-	12
01-03	33,006-	4,456	13-		0	4,456-	13
02-04	35,194-		0		0		0
03-05	4,580	77-	2-		0	77	2
04-06	3,397	77-	2-		0	77	2
05-07	16,187	73-	. 0		0	73	0
06-08	173,508	7	0		0	7 –	0
07-09	171,770	18,059-	11-		0	18,059	11
08-10	167,939	17,269-	10-		0	17,269	10
09-11	39,151	15,486-	40-		0	15,486	40
10-12	148,702	2,580	2		0	2,580-	2-
11-13	209,499	1,785	1		0	1,785-	1-
12-14	267,483	39,161	15		0	39,161-	15-
13-15	180,053	333,683	185		0	333,683-	185-
14-16	114,687	389,831	340		0	389,831-	340-
15-17	367,268	407,348	111		0	407,348-	111-
16-18	351,912	112,826	32	880	0	111,946-	32-
17-19	385,196	132,170	34	880	0	131,290-	34-
18-20	44,440	75,491	170	880	2	74,612-	168-
19-21	49,563	236,640	477	10-	0	236,650-	477-
20-22	16,054	161,148		10-	0	161,158-	
FIVE-YEA	R AVERAGE						
18-22	36,297	141,984	391	522	1	141,462-	390-

## ACCOUNT 355.00 POLES AND FIXTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	130,589	102,995	79	18,316	14	84,679-	65-
1990	309,369	275,449	89	184,368	60	91,081-	29-
1991	74,728	183,356	245	11,148	15	172,208-	230-
1992	527,139	312,958	59	43,308	8	269,651-	51-
1993	124,167	144,947	117	29,027	23	115,920-	93-
1994	597,563	372,485	62	74,184	12	298,302-	50-
1995	400,880	285,016	71	84,345	21	200,671-	50-
1996	482,093	338,951	70	54,702	11	284,249-	59-
1997	837,108	604,559	72	109,675	13	494,884-	59-
1998	584,898	469,178	80	22,181	4	446,997-	76-
1999	578,889	459,700	79	53,342	9	406,358-	70-
2000	198,548	149,086	75	128-	0	149,213-	75-
2001	768,363	300,319	39		0	300,319-	39-
2002	151,636	326,378	215		0	326,378-	215-
2003	741,696	163,765	22		0	163,765-	22-
2004	585,428	1,617-			0	1,617	0
2005	1,117,402	580,333	52		0	580,333-	52-
2006	654,707	221,088	34		0	221,088-	34-
2007	2,930,088	459,083	16		0	459,083-	16-
2008	1,438,269	230,910	16		0	230,910-	16-
2009	1,593,898	1,139,460	71	582-	0	1,140,042-	72-
2010	607,453	229,762	38		0	229,762-	38-
2011	1,222,446	409,919	34	4,179-	0	414,098-	34-
2012	1,260,858	88,585	7		0	88,585-	7 –
2013	1,217,193		0		0		0
2014	2,015,834	2,766,375	137	4,139-	0	2,770,514-	137-
2015	3,459,058	2,969,611	86	60,972	2	2,908,639-	84-
2016	5,534,501	5,745,101	104	4,439	0	5,740,662-	104-
2017	911,763	4,795,752	526	4,549-	0	4,800,300-	526-
2018	1,680,262	833,673	50	263,069	16	570,604-	34-
2019	1,205,238	3,374,485	280	8,641-	1-	3,383,126-	281-
2020	12,331,838	5,472,631	44	4,988	0	5,467,643-	44-
2021	13,104,484	19,038,627	145	18,033	0	19,020,594-	145-
2022	18,532,639	5,367,015	29	41,088	0	5,325,927-	29-
TOTAL	77,911,023	58,209,934	75	1,054,967	1	57,154,968-	73-
THREE-YE	AR MOVING AVERAC	GES					
89-91	171,562	187,267	109	71,277	42	115,989-	68-
90-92	303,745	257,254	85	79,608	26	177,646-	58-
91-93	242,011	213,754	88	27,828	11	185,926-	77-
92-94	416,290	276,797	66	48,839	12	227,957-	55-
, <u>, , , , , , , , , , , , , , , , , , </u>	110,200	2,0,121	30	10,039		221,751	55



## ACCOUNT 355.00 POLES AND FIXTURES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	ES					
93-95	374,203	267,483	71	62,519	17	204,964-	55-
94-96	493,512	332,151	67	71,077	14	261,074-	53-
95-97	573,360	409,508	71	82,907	14	326,601-	57-
96-98	634,700	470,896	74	62,186	10	408,710-	64-
97-99	666,965	511,146	77	61,733	9	449,413-	67-
98-00	454,112	359,321	79	25,132	6	334,189-	74-
99-01	515,267	303,035	59	17,738	3	285,297-	55-
00-02	372,849	258,594	69	43-	0	258,637-	69-
01-03	553,898	263,487	48		0	263,487-	48-
02-04	492,920	162,842	33		0	162,842-	33-
03-05	814,842	247,494	30		0	247,494-	30-
04-06	785,846	266,602	34		0	266,602-	34-
05-07	1,567,399	420,168	27		0	420,168-	27-
06-08	1,674,355	303,694	18		0	303,694-	18-
07-09	1,987,418	609,818	31	194-	0	610,012-	31-
08-10	1,213,206	533,377	44	194-	0	533,571-	44-
09-11	1,141,265	593,047	52	1,587-	0	594,634-	52-
10-12	1,030,252	242,755	24	1,393-	0	244,148-	24-
11-13	1,233,499	166,168	13	1,393-	0	167,561-	14-
12-14	1,497,961	951,653	64	1,380-	0	953,033-	64-
13-15	2,230,695	1,911,995	86	18,944	1	1,893,051-	85-
14-16	3,669,798	3,827,029	104	20,424	1	3,806,605-	104-
15-17	3,301,774	4,503,488	136	20,288	1	4,483,200-	
16-18	2,708,842	3,791,509	140	87,653	3	3,703,856-	137-
17-19	1,265,754	3,001,303	237	83,293	7	2,918,010-	231-
18-20	5,072,446	3,226,930	64	86,472	2	3,140,458-	62-
19-21	8,880,520	9,295,248	105	4,793	0	9,290,454-	105-
20-22	14,656,321	9,959,424	68	21,370	0	9,938,055-	68-
FIVE-YEA	R AVERAGE						
18-22	9,370,892	6,817,286	73	63,707	1	6,753,579-	72-

## ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1990	135,668	137,724	102	184,368	136	46,644	34
1991	14,804	61,119	413	4,778	32	56,341-	381-
1992	233,210	173,866	75	43,308	19	130,558-	56-
1993	18,554	65,885	355	29,027	156	36,858-	199-
1994	231,941	289,711	125	74,184	32	215,527-	93-
1995	201,460	221,679	110	84,345	42	137,334-	68-
1996	305,023	208,607	68	27,714	9	180,893-	59-
1997	1,757,546	549,703	31	139,218	8	410,485-	23-
1998	327,244	245,232	75	45,808	14	199,424-	61-
1999	176,530	112,292	64	3,936	2	108,355-	61-
2000	47,875	173,176	362	29-	0	173,205-	362-
2001	253,406	144,903	57		0	144,903-	57-
2002	227,656-	214,104	94-		0	214,104-	94
2003	2,404,311	390,948	16		0	390,948-	16-
2004	228,082		0		0		0
2005	358,072	161,075-	45-		0	161,075	45
2006	303,345	154,422	51		0	154,422-	51-
2007	2,013,626	1,328,714	66		0	1,328,714-	66-
2008	1,095,339	679,185	62		0	679,185-	62-
2009	1,275,404	1,053,308	83	13-	0	1,053,321-	83-
2010	104,072	417,214	401		0	417,214-	401-
2011	188,812	661,342	350	344	0	660,998-	350-
2012	161,675	89,100	55		0	89,100-	55-
2013	474,965		0		0		0
2014	793,128	46,944	6	1,774-	0	48,718-	6 –
2015	878,848	1,669,331	190	5-	0	1,669,337-	190-
2016	3,654,333	2,480,751	68	13-	0	2,480,764-	68-
2017	755,157	1,483,636	196	65,592	9	1,418,044-	188-
2018	91,380	48,369	53	15,898	17	32,471-	36-
2019	842,010	3,278,234	389	20,151-	2-	3,298,385-	392-
2020	1,059,569	859,943	81	15-	0	859,958-	81-
2021	5,296,846	7,543,789	142	3,683	0	7,540,106-	142-
2022	2,887,615	3,743,708	130	76,008	3	3,667,700-	127-
TOTAL	28,342,195	28,365,864	100	776,211	3	27,589,654-	97-
THREE-YE	AR MOVING AVERAG	GES					
90-92	127,894	124,236	97	77,485	61	46,752-	37-
91-93	88,856	100,290	113	25,704	29	74,586-	84-
92-94	161,235	176,487	109	48,839	30	127,648-	79-
93-95	150,652	192,425	128	62,519	41	129,906-	86-
94-96	246,141	239,999	98	62,081	25	177,918-	72-



## ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGI	ES					
95-97	754,676	326,663	43	83,759	11	242,904-	32-
96-98	796,604	334,514	42	70,913	9	263,601-	33-
97-99	753,773	302,409	40	62,987	8	239,421-	32-
98-00	183,883	176,900	96	16,572	9	160,328-	87-
99-01	159,270	143,457	90	1,302	1	142,154-	89-
00-02	24,542	177,394	723	10-	0	177,404-	723-
01-03	810,020	249,985	31		0	249,985-	31-
02-04	801,579	201,684	25		0	201,684-	25-
03-05	996,822	76,625	8		0	76,625-	8 –
04-06	296,500	2,218-	1-		0	2,218	1
05-07	891,681	440,687	49		0	440,687-	49-
06-08	1,137,437	720,774	63		0	720,774-	63-
07-09	1,461,456	1,020,402	70	4-	0	1,020,407-	70-
08-10	824,939	716,569	87	4-	0	716,574-	87-
09-11	522,763	710,622	136	111	0	710,511-	136-
10-12	151,520	389,219	257	115	0	389,104-	257-
11-13	275,151	250,147	91	115	0	250,033-	91-
12-14	476,590	45,348	10	591-	0	45,939-	10-
13-15	715,647	572,092	80	593-	0	572,685-	80-
14-16	1,775,436	1,399,009	79	597-	0	1,399,606-	79-
15-17	1,762,779	1,877,906	107	21,858	1	1,856,048-	105-
16-18	1,500,290	1,337,586	89	27,159	2	1,310,427-	87-
17-19	562,849	1,603,413	285	20,446	4	1,582,967-	281-
18-20	664,320	1,395,515	210	1,423-	0	1,396,938-	210-
19-21	2,399,475	3,893,989	162	5,494-	0	3,899,483-	163-
20-22	3,081,343	4,049,147	131	26,559	1	4,022,588-	131-
FIVE-YEAD	R AVERAGE						
18-22	2,035,484	3,094,809	152	15,085	1	3,079,724-	151-

## ACCOUNT 357.00 UNDERGROUND CONDUIT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2021	6,348	1,527	24	21	0	1,506-	24-
2022	4,288	99-	2-	5	0	104	2
TOTAL	10,636	1,428	13	26	0	1,402-	13-

## ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

	REGULAR	COST O		GROSS SALVAG		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2019	10,638		0		0		0
2020	41,485		0		0		0
2021	115,142		0		0		0
2022	122,961		0		0		0
TOTAL	290,226		0		0		0
THREE-YE	AR MOVING AVERAGE	ES					
19-21	55,755		0		0		0
20-22	93,196		0		0		0

## ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	2,017		0		0		0
1990	38,600		0		0		0
1991	462		0		0		0
1992	5,911		0		0		0
1993							
1994	11,153		0		0		0
1995							
1996	22,416	13,080	58	13	0	13,067-	58-
1997	36,630	9,763	27	4,947	14	4,816-	13-
1998	8,368	168,382		5,768	69	162,614-	
1999	38,485	46,837	122	10,322	27	36,515-	95-
2000		55,774				55,774-	
2001	1,929	2,208	114		0	2,208-	114-
2002	11,498	3,057	27		0	3,057-	27-
2003	18,170	1,019	6		0	1,019-	6-
2004	57,394	3,741	7		0	3,741-	7 –
2005	11,616	11,782	101		0	11,782-	101-
2006	18,230	19,165	105		0	19,165-	105-
2007	28,916	16,128	56		0	16,128-	56-
2008							
2009							
2010	174,789	37,512	21		0	37,512-	21-
2011	197,660		0		0		0
2012	1,835		0		0		0
2013	10,459	6,401	61		0	6,401-	61-
2014	54,025	47,195	87	188-	0	47,383-	88-
2015	434,436	120,291	28	86,934	20	33,357-	8 –
2016	66,084	7,918	12	649-	1-	8,567-	13-
2017	18,052	10,204	57	120,608	668	110,404	612
2018	60,262	688	1		0	688-	1-
2019	613,857	38,759	6		0	38,759-	6-
2020	71,112	53,638	75	48-	0	53,686-	75-
2021	564,107	50,808	9	6-	0	50,815-	9 –
2022	372,431	8,897	2		0	8,897-	2-
TOTAL	2,950,905	733,246	25	227,699	8	505,547-	17-
THREE-YE	CAR MOVING AVERAGES						
89-91	13,693		0		0		0
90-92	14,991		0		0		0
91-93	2,124		0		0		0
92-94	5,688		0		0		0

## ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

VEAD	REGULAR	COST OF REMOVAL	раш	GROSS SALVAGE	DOM	NET SALVAGE	D.CIII
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	R MOVING AVERAGES						
93-95	3,718		0		0		0
94-96	11,190	4,360	39	4	0	4,356-	39-
95-97	19,682	7,614	39	1,653	8	5,961-	30-
96-98	22,472	63,742	284	3,576	16	60,166-	268-
97-99	27,828	74,994	269	7,012	25	67,982-	244-
98-00	15,618	90,331	578	5,363	34	84,968-	544-
99-01	13,471	34,940	259	3,441	26	31,499-	234-
00-02	4,476	20,346	455		0	20,346-	455-
01-03	10,533	2,095	20		0	2,095-	20-
02-04	29,021	2,606	9		0	2,606-	9 –
03-05	29,060	5,514	19		0	5,514-	19-
04-06	29,080	11,563	40		0	11,563-	40-
05-07	19,587	15,691	80		0	15,691-	80-
06-08	15,715	11,764	75		0	11,764-	75-
07-09	9,639	5,376	56		0	5,376-	56-
08-10	58,263	12,504	21		0	12,504-	21-
09-11	124,150	12,504	10		0	12,504-	10-
10-12	124,762	12,504	10		0	12,504-	10-
11-13	69,985	2,134	3		0	2,134-	3 –
12-14	22,106	17,865	81	63-	0	17,928-	81-
13-15	166,306	57,962	35	28,915	17	29,047-	17-
14-16	184,848	58,468	32	28,699	16	29,769-	16-
15-17	172,857	46,138	27	68,964	40	22,827	13
16-18	48,132	6,270	13	39,986	83	33,716	70
17-19	230,724	16,550	7	40,203	17	23,652	10
18-20	248,410	31,028	12	16-	0	31,044-	12-
19-21	416,359	47,735	11	18-	0	47,753-	11-
20-22	335,883	37,781	11	18-	0	37,799-	11-
FIVE-YEAR	AVERAGE						
18-22	336,354	30,558	9	11-	0	30,569-	9 –

# ACCOUNT 362.00 STATION EQUIPMENT

	-	COST OF		GROSS		NET	
VII A D	REGULAR	REMOVAL	D.CIII	SALVAGE	D.CIIII	SALVAGE	ъсш
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	578,548	344,146	59	66,583	12	277,563-	48-
1990	796,057	160,306	20	82,171	10	78,135-	10-
1991	189,838	143,425	76	55,074	29	88,351-	47-
1992	456,587	193,722	42	35,634	8	158,088-	35-
1993	212,046	227,673	107	35,422	17	192,250-	91-
1994	841,445	599,991	71	44,112	5	555,879-	66-
1995	94,030	338,352	360	35,741	38	302,611-	322-
1996	434,565	112,978	26	21,747	5	91,231-	21-
1997	600,851	295,618	49	35,346	6	260,271-	43-
1998	438,440	257,039	59	64,353	15	192,686-	44-
1999	1,952,563	490,035	25	558,884	29	68,850	4
2000	7,127	206,020			0	206,020-	
2001	8,705,787	149,711	2		0	149,711-	2-
2002	1,492,567	438,631	29		0	438,631-	29-
2003	1,043,981	64,303	6		0	64,303-	6-
2004	2,942,490	469,593	16	113,132	4	356,461-	12-
2005	828,192	245,940	30		0	245,940-	30-
2006	1,538,187	272,666	18	16,794	1	255,872-	17-
2007	2,216,707	631,761	28	6,733	0	625,028-	28-
2008	680,772	176,358	26	260,752	38	84,394	12
2009	168,627	29,794	18	·	0	29,794-	18-
2010	2,937,340	470,462	16		0	470,462-	16-
2011	1,646,876	273,005	17		0	273,005-	17-
2012							
2013	380,844	241,378	63	5,116	1	236,262-	62-
2014	2,278,325	1,087,699	48	5,160-		1,092,859-	48-
2015	6,635,886	1,803,191	27	1,345,796	20	457,395-	7 –
2016	2,657,834	492,104	19	23,246-			19-
2017	6,785,090	492,473	7	1,311,633	19	819,161	12
2018	16,902,619	394,536	2	699,500	4	304,964	2
2019	4,940,495	697,957	14	290-		698,248-	14-
2020	13,353,636	2,800,489	21	3,711-		2,804,200-	21-
2021	28,089,040	5,525,627	20	19,279	0	5,506,348-	20-
2022	7,231,350	834,352	12	4,629	0	829,722-	11-
TOTAL	120,058,741	20,961,334	17	4,786,024	4	16,175,310-	13-
THREE-YE	AR MOVING AVERAC	GES					
89-91	521,481	215,959	41	67,943	13	148,016-	28-
90-92	480,827	165,818	34	57,626	12	108,191-	23-
91-93	286,157	188,273	66	42,043	15	146,230-	51-
92-94	503,359	340,462	68	38,389	8	302,073-	60-
<i>J</i>	505,557	510,102	00	30,309	O	302,073-	00-



## ACCOUNT 362.00 STATION EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE.	AR MOVING AVERAG	ES					
93-95	382,507	388,672	102	38,425	10	350,247-	92-
94-96	456,680	350,440	77	33,867	7	316,574-	69-
95-97	376,482	248,982	66	30,945	8	218,038-	58-
96-98	491,285	221,878	45	40,482	8	181,396-	37-
97-99	997,285	347,564	35	219,528	22	128,036-	13-
98-00	799,377	317,698	40	207,746	26	109,952-	14-
99-01	3,555,159	281,922	8	186,295	5	95,627-	3 –
00-02	3,401,827	264,787	8		0	264,787-	8 –
01-03	3,747,445	217,548	6		0	217,548-	6-
02-04	1,826,346	324,175	18	37,711	2	286,465-	16-
03-05	1,604,888	259,945	16	37,711	2	222,235-	14-
04-06	1,769,623	329,400	19	43,309	2	286,091-	16-
05-07	1,527,695	383,456	25	7,842	1	375,614-	25-
06-08	1,478,555	360,262	24	94,760	6	265,502-	18-
07-09	1,022,035	279,305	27	89,162	9	190,143-	19-
08-10	1,262,246	225,538	18	86,917	7	138,621-	11-
09-11	1,584,281	257,754	16		0	257,754-	16-
10-12	1,528,072	247,823	16		0	247,823-	16-
11-13	675,907	171,461	25	1,705	0	169,756-	25-
12-14	886,390	443,025	50	15-	0	443,040-	50-
13-15	3,098,351	1,044,089	34	448,584	14	595,505-	19-
14-16	3,857,348	1,127,665	29	439,130	11	688,535-	18-
15-17	5,359,603	929,256	17	878,061	16	51,195-	1-
16-18	8,781,848	459,704	5	662,629	8	202,925	2
17-19	9,542,735	528,322	6	670,281	7	141,959	1
18-20	11,732,250	1,297,661	11	231,833	2	1,065,828-	9 –
19-21	15,461,057	3,008,024	19	5,092	0	3,002,932-	19-
20-22	16,224,675	3,053,489	19	6,732	0	3,046,757-	19-
FIVE-YEA	R AVERAGE						
18-22	14,103,428	2,050,592	15	143,881	1	1,906,711-	14-

## ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	1,766,808	1,032,438	58	399,497	23	632,941-	36-
1990	1,387,067	961,838	69	493,027	36	468,810-	34-
1991	2,368,943	932,265	39	275,371	12	656,894-	28-
1992	2,124,692	1,162,330	55	71,267	3	1,091,063-	51-
1993	2,656,226	1,138,364	43	70,845	3	1,067,519-	40-
1994	3,375,961	1,499,979	44	88,224	3	1,411,754-	42-
1995	2,270,443	1,184,232	52	71,482	3	1,112,751-	49-
1996	1,757,026	1,043,217	59	83,921	5	959,296-	55-
1997	2,586,304	1,737,754	67	104,806	4	1,632,948-	63-
1998	2,112,977	1,277,499	60	6,574	0	1,270,925-	60-
1999	1,838,069	1,077,816	59	59,236	3	1,018,580-	55-
2000	3,261,744	957,706	29	21,075	1	936,631-	29-
2001	497,256	1,177,849	237	97,501	20	1,080,347-	217-
2002	2,572,300	1,875,259	73		0	1,875,259-	73-
2003	2,785,690	169,900	6		0	169,900-	6-
2004	2,193,645	25,741	1		0	25,741-	1-
2005	3,319,264	759,358	23		0	759,358-	23-
2006	2,421,291	482,844	20		0	482,844-	20-
2007	3,691,424	783,415	21		0	783,415-	21-
2008	2,299,559	374,238	16		0	374,238-	16-
2009	2,453,694	2,071,436	84	2,590	0	2,068,845-	84-
2010	1,594,169	6,580,110	413	1,259-	0	6,581,369-	413-
2011	1,479,293	152,244	10	1,256-	0	153,500-	10-
2012	1,762,223	1,033,979	59	79	0	1,033,900-	59-
2013	1,107,271	447-	- 0		0	447	0
2014	3,093,275	5,844,158	189	214,827	7	5,629,331-	182-
2015	1,251,540	2,062,740	165	28,059	2	2,034,681-	163-
2016	3,177,527	1,766,151	56	117	0	1,766,034-	56-
2017	3,917,675	4,790,667	122	24,629	1	4,766,038-	122-
2018	1,923,238	612,109	32	2,388-	0	614,497-	32-
2019	5,208,832	650,236	12	137,743	3	512,494-	10-
2020	4,825,432	5,673,103	118	2,570	0	5,670,533-	118-
2021	4,173,371	14,666,396	351	14,530-	0	14,680,926-	352-
2022	6,590,087	36,249,813	550	6,060	0	36,243,752-	550-
TOTAL	89,844,316	101,806,735	113	2,240,067	2	99,566,668-	111-
THREE-YE	AR MOVING AVERA	GES					
89-91	1,840,939	975,514	53	389,299	21	586,215-	32-
90-92	1,960,234	1,018,811	52	279,888	14	738,923-	38-
91-93	2,383,287	1,077,653	45	139,161	6	938,492-	39-
92-94	2,718,960	1,266,891	47	76,779	3	1,190,112-	44-
<i>J</i>	2,110,500	1,200,091	I/	10,119	J	1,10,112	11.



## ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
	AR MOVING AVERAG		FCI	AMOUNT	FCI	AMOUNT	FCI
93-95	2,767,543	1,274,191	46	76,850	3	1,197,341-	43-
94-96	2,467,810	1,242,476	50	81,209	3	1,161,267-	47-
95-97	2,204,591	1,321,734	60	86,736	4	1,234,998-	56-
96-98	2,152,102	1,352,823	63	65,100	3	1,287,723-	60-
97-99	2,179,117	1,364,357	63	56,872	3	1,307,485-	60-
98-00	2,404,263	1,104,341	46	28,962	1	1,075,379-	45-
99-01	1,865,690	1,071,124	57	59,271	3	1,011,853-	54-
00-02	2,110,434	1,336,938	63	39,525	2	1,297,413-	61-
01-03	1,951,749	1,074,336	55	32,500	2	1,041,835-	53-
02-04	2,517,212	690,300	27		0	690,300-	27-
03-05	2,766,199	318,333	12		0	318,333-	12-
04-06	2,644,733	422,648	16		0	422,648-	16-
05-07	3,143,993	675,206	21		0	675,206-	21-
06-08	2,804,091	546,832	20		0	546,832-	20-
07-09	2,814,892	1,076,363	38	864	0	1,075,499-	38-
08-10	2,115,807	3,008,595	142	444	0	3,008,151-	142-
09-11	1,842,385	2,934,597	159	25	0	2,934,572-	159-
10-12	1,611,895	2,588,778	161	812-	0	2,589,590-	161-
11-13	1,449,595	395,259	27	392-	0	395,651-	27-
12-14	1,987,589	2,292,563	115	71,635	4	2,220,928-	112-
13-15	1,817,362	2,635,484	145	80,962	4	2,554,522-	141-
14-16	2,507,447	3,224,350	129	81,001	3	3,143,348-	125-
15-17	2,782,248	2,873,186	103	17,602	1	2,855,584-	103-
16-18	3,006,147	2,389,642	79	7,453	0	2,382,190-	79-
17-19	3,683,248	2,017,671	55	53,328	1	1,964,343-	53-
18-20	3,985,834	2,311,816	58	45,975	1	2,265,841-	57-
19-21	4,735,879	6,996,578	148	41,927	1	6,954,651-	147-
20-22	5,196,297	18,863,104	363	1,967-	0	18,865,070-	363-
FIVE-YEA	R AVERAGE						
18-22	4,544,192	11,570,331	255	25,891	1	11,544,440-	254-

## ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	716,068	516,219	72	133,166	19	383,053-	53-
1990	441,141	480,919	109	164,342	37	316,576-	72-
1991	815,944	717,127	88	110,148	13	606,979-	74-
1992	823,864	774,887	94	106,901	13	667,986-	81-
1993	1,200,973	1,138,364	95	106,267	9	1,032,096-	86-
1994	1,786,652	1,499,979	84	132,336	7	1,367,642-	77-
1995	974,890	338,352	35	71,482	7	266,871-	27-
1996	1,031,766	627,274	61	66,879	6	560,395-	54-
1997	1,254,636	822,071	66	57,417	5	764,653-	61-
1998	1,001,946	591,448	59	24,725	2	566,724-	57-
1999	1,072,111	645,704	60	93,967	9	551,737-	51-
2000	1,031,749	344,122	33	11,696	1	332,426-	32-
2001	1,158,775	613,542	53	65,247	6	548,296-	47-
2002	750,108	703,203	94		0	703,203-	94-
2003	1,215,247	376,138	31		0	376,138-	31-
2004	1,571,462	113,553	7		0	113,553-	7 –
2005	2,967,781	1,072,943	36		0	1,072,943-	36-
2006	1,541,505	591,419	38		0	591,419-	38-
2007	2,927,192	878,408	30		0	878,408-	30-
2008	2,404,922	774,627	32		0	774,627-	32-
2009	3,357,744	2,408,961	72	89,186	3	2,319,776-	69-
2010	12,912,319	10,071,126	78	130,639	1	9,940,487-	77-
2011	27,433,750	433,397	2	5,881-	0	439,278-	2-
2012	13,200,769	1,610,742	12	120	0	1,610,622-	12-
2013	7,023,256	4,747-	- 0		0	4,747	0
2014	16,897,974	7,845,812	46	643,497	4	7,202,316-	43-
2015	8,652,492	3,533,160	41	7,123	0	3,526,038-	41-
2016	13,732,830	6,738,333	49	591	0	6,737,743-	49-
2017	9,558,857	8,424,821	88	15,392	0	8,409,429-	88-
2018	6,482,507	2,769,230	43	5,863-	0	2,775,092-	43-
2019	7,502,798	2,277,053	30	80,163	1	2,196,890-	29-
2020	9,386,620	12,216,748	130	1,734	0	12,215,014-	130-
2021	11,389,062	18,925,299	166	30,201-	0	18,955,501-	166-
2022	10,638,342	21,268,914	200	13,953	0	21,254,961-	200-
TOTAL	184,858,053	112,139,148	61	2,085,025	1	110,054,123-	60-
THREE-YE	CAR MOVING AVERA	GES					
89-91	657,718	571,422	87	135,886	21	435,536-	66-
90-92	693,650	657,644	95	127,130	18	530,514-	76-
91-93	946,927	876,792	93	107,772	11	769,020-	81-
92-94	1,270,496	1,137,743	90	115,168	9	1,022,575-	80-
<i>J</i>	1,410,470	1,13/,/43	70	113,100	,	1,022,373	30-



## ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
			PCI	AMOUNT	PCI	AMOUNT	PCI
THREE-YE	AR MOVING AVERAG	ES					
93-95	1,320,838	992,231	75	103,362	8	888,870-	67-
94-96	1,264,436	821,868	65	90,232	7	731,636-	58-
95-97	1,087,097	595,899	55	65,259	6	530,640-	49-
96-98	1,096,116	680,264	62	49,674	5	630,591-	58-
97-99	1,109,564	686,408	62	58,703	5	627,704-	57-
98-00	1,035,268	527,092	51	43,463	4	483,629-	47-
99-01	1,087,545	534,456	49	56,970	5	477,486-	44-
00-02	980,211	553,622	56	25,648	3	527,975-	54-
01-03	1,041,377	564,294	54	21,749	2	542,545-	52-
02-04	1,178,939	397,631	34		0	397,631-	34-
03-05	1,918,163	520,878	27		0	520,878-	27-
04-06	2,026,916	592,638	29		0	592,638-	29-
05-07	2,478,826	847,590	34		0	847,590-	34-
06-08	2,291,206	748,152	33		0	748,152-	33-
07-09	2,896,619	1,353,999	47	29,729	1	1,324,270-	46-
08-10	6,224,995	4,418,238	71	73,275	1	4,344,963-	70-
09-11	14,567,938	4,304,494	30	71,315	0	4,233,180-	29-
10-12	17,848,946	4,038,422	23	41,626	0	3,996,795-	22-
11-13	15,885,925	679,797	4	1,920-	0	681,718-	4 –
12-14	12,374,000	3,150,603	25	214,539	2	2,936,064-	24-
13-15	10,857,908	3,791,409	35	216,873	2	3,574,536-	33-
14-16	13,094,432	6,039,102	46	217,070	2	5,822,032-	44-
15-17	10,648,060	6,232,105	59	7,702	0	6,224,403-	58-
16-18	9,924,732	5,977,461	60	3,374	0	5,974,088-	60-
17-19	7,848,054	4,490,368	57	29,898	0	4,460,470-	57-
18-20	7,790,642	5,754,343	74	25,345	0	5,728,999-	74-
19-21	9,426,160	11,139,700	118	17,232	0	11,122,468-	118-
20-22	10,471,341	17,470,320	167	4,838-	0	17,475,159-	167-
FIVE-YEA	R AVERAGE						
18-22	9,079,866	11,491,449	127	11,957	0	11,479,492-	126-

## ACCOUNT 366.00 UNDERGROUND CONDUIT

	REGULAR	COST OF REMOVAL	D CIT.	GROSS SALVAGE	D.G.E.	NET SALVAGE	D.GIII
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	882		0		0		0
1990	2,420		0		0		0
1991							
1992							
1993	2,013		0		0		0
1994	3,379		0		0		0
1995	4,882		0		0		0
1996	531	77	14		0	77-	14-
1997	11,318	673	6	87	1	586-	5 –
1998	22,759	3,208	14	1,085	5	2,123-	9 –
1999	26,486	14,168	53	128-	0	14,296-	54-
2000							
2001	17,241	7,330	43		0	7,330-	43-
2002							
2003	719		0		0		0
2004	1,393		0		0		0
2005	10,771	61	1		0	61-	1,-
2006	1,346	59	4		0	59-	4 –
2007	15,864		0		0		0
2008	7,862	29	0		0	29-	0
2009	7,172	3,020	42	3-	0	3,022-	42-
2010	23,564	64,631	274	14-	0	64,646-	
2011	6,286	21	0		0	21-	0
2012	26,404	341,238		26	0	341,212-	
2013	243,940		0		0		0
2014	729,481	497,379	68	48,684	7	448,695-	62-
2015	1,343,391	3,458,880	257	102,029	8	3,356,851-	
2016	105,425	10,800	10		0	10,800-	10-
2017	205,180	67,092-		8,567-	4 –	58,525	29
2018	232,033		0		0		0
2019	117,555	93	0		0	93-	0
2020	27,420	20,784	76	25	0	20,759-	76-
2021	29,528	41,042		34-	0	41,076-	
2022	73,008	4,930	7	3,092	4	1,838-	3-
TOTAL	3,300,252	4,401,332	133	146,283	4	4,255,049-	129-
THREE-YE	AR MOVING AVERAGE	S					
89-91	1,101		0		0		0
90-92	807		0		0		0
91-93	671		0		0		0
92-94	1,797		0		0		0

## ACCOUNT 366.00 UNDERGROUND CONDUIT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGES						
93-95	3,425		0		0		0
94-96	2,931	26	1		0	26-	1-
95-97	5,577	250	4	29	1	221-	4 –
96-98	11,536	1,320	11	391	3	929-	8 –
97-99	20,188	6,017	30	348	2	5,669-	28-
98-00	16,415	5,792	35	319	2	5,473-	33-
99-01	14,576	7,166	49	43-	0	7,209-	49-
00-02	5,747	2,443	43		0	2,443-	43-
01-03	5,987	2,443	41		0	2,443-	41-
02-04	704		0		0		0
03-05	4,294	20	0		0	20-	0
04-06	4,503	40	1		0	40-	1-
05-07	9,327	40	0		0	40-	0
06-08	8,357	29	0		0	29-	0
07-09	10,299	1,016	10	1-	0	1,017-	10-
08-10	12,866	22,560	175	6-	0	22,566-	175-
09-11	12,340	22,557	183	6-	0	22,563-	183-
10-12	18,751	135,297	722	4	0	135,293-	722-
11-13	92,210	113,753	123	9	0	113,744-	123-
12-14	333,275	279,539	84	16,237	5	263,302-	79-
13-15	772,271	1,318,753	171	50,238	7	1,268,515-	164-
14-16	726,099	1,322,353	182	50,238	7	1,272,115-	175-
15-17	551,332	1,134,196	206	31,154	6	1,103,042-	200-
16-18	180,879	18,764-	10-	2,856-	2-	15,908	9
17-19	184,923	22,333-	12-	2,856-	2-	19,477	11
18-20	125,669	6,959	6	8	0	6,951-	6-
19-21	58,168	20,640	35	3-	0	20,643-	35-
20-22	43,318	22,252	51	1,028	2	21,224-	49-
FIVE-YEAR	2 AVERAGE						
		12 252	7.4	61.5	-	10 850	1.0
18-22	95,909	13,370	14	617	1	12,753-	13-

## ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL	- ~	SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	228,912	34,415	15		0	34,415-	15-
1990	119,655	80,153	67		0	80,153-	67-
1991	116,167	71,713	62		0	71,713-	62-
1992	244,663	387,443	158		0	387,443-	158-
1993	469,318	455,345	97		0	455,345-	97-
1994	443,877	599,991	135		0	599,991-	135-
1995	856,097	338,352	40		0	338,352-	40-
1996	335,597	122,430	36	1,935	1	120,495-	36-
1997	762,997	165,925	22	9,397	1	156,528-	21-
1998	468,931	135,475	29	7,807	2	127,668-	27-
1999	284,646	112,505	40	6,263	2	106,243-	37-
2000	212,458	81,439	38		0	81,439-	38-
2001	545,216	93,981	17	4,032	1	89,948-	16-
2002	484,717	2,782	1		0	2,782-	1-
2003	1,029,565	9,723	1		0	9,723-	1-
2004	1,376,578	1,877	0		0	1,877-	0
2005	2,240,988	66,876	3		0	66,876-	3 –
2006	1,462,638	14,255-			0	14,255	1
2007	2,331,137	63,481	3		0	63,481-	3 –
2008	1,177,570	48,430	4		0	48,430-	4 –
2009	1,731,411	457,763	26	1,755-		459,518-	27-
2010	888,367	1,698,128	191	83-		1,698,211-	
2011	763,759	21,056	3	60-		21,115-	3 –
2012	878,975	648,251	74	53	0	648,199-	74-
2013	1,265,773	•	0		0	,	0
2014	2,572,051	1,710,460	67	160,505	6	1,549,955-	60-
2015		453,122		10,465		442,657-	
2016	1,896,959	137,939	7	•	0	137,939-	7 –
2017	2,990,649	1,690,139	57	7,657-		1,697,797-	57-
2018	1,507,774	45,516	3	25-		45,541-	3 –
2019	1,989,484	152,446	8		0	152,446-	8 –
2020	2,265,786	1,188,983	52	281	0	1,188,702-	52-
2021	4,114,352	1,608,085	39	921-		1,609,007-	39-
2022	2,112,424	2,118,118		249	0	2,117,869-	
	, ,	, , ,				, , , ,	
TOTAL	40,169,490	14,788,089	37	190,486	0	14,597,603-	36-
	.,,	,,				, ,	
THREE-YE	AR MOVING AVERAG	GES					
89-91	154,911	62,093	40		0	62,093-	40-
90-92	160,162		112		0	179,770-	
91-93	276,716	304,834			0	304,834-	
92-94	385,953	480,927			0	480,927-	
<i>J</i>	505,755	100,727	127		U	±00,727-	147

## ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

YEAR	REGULAR	COST OF REMOVAL	ח כיידי	GROSS SALVAGE	DCT	NET SALVAGE	DCT
	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGES	5					
93-95	589,764	464,563	79		0	464,563-	79-
94-96	545,190	353,591	65	645	0	352,946-	65-
95-97	651,564	208,902	32	3,777	1	205,125-	31-
96-98	522,508	141,277	27	6,379	1	134,897-	26-
97-99	505,525	137,968	27	7,822	2	130,146-	26-
98-00	322,012	109,806	34	4,690	1	105,117-	33-
99-01	347,440	95,975	28	3,432	1	92,543-	27-
00-02	414,130	59,401	14	1,344	0	58,056-	14-
01-03	686,499	35,495	5	1,344	0	34,151-	5 –
02-04	963,620	4,794	0		0	4,794-	0
03-05	1,549,043	26,159	2		0	26,159-	2 –
04-06	1,693,401	18,166	1		0	18,166-	1,-
05-07	2,011,587	38,701	2		0	38,701-	2 –
06-08	1,657,115	32,552	2		0	32,552-	2-
07-09	1,746,706	189,892	11	585-	0	190,476-	11-
08-10	1,265,783	734,774	58	613-	0	735,386-	58-
09-11	1,127,846	725,649	64	632-	0	726,281-	64-
10-12	843,701	789,145	94	30-	0	789,175-	94-
11-13	969,502	223,102	23	2-	0	223,105-	23-
12-14	1,572,266	786,237	50	53,519	3	732,718-	47-
13-15	1,279,275	721,194	56	56,990	4	664,204-	52-
14-16	1,489,670	767,174	51	56,990	4	710,184-	48-
15-17	1,629,203	760,400	47	936	0	759,464-	47-
16-18	2,131,794	624,531	29	2,561-	0	627,092-	29-
17-19	2,162,636	629,367	29	2,561-	0	631,928-	29-
18-20	1,921,015	462,315	24	85	0	462,230-	24-
19-21	2,789,874	983,172	35	213-	0	983,385-	35-
20-22	2,830,854	1,638,396	58	130-	0	1,638,526-	58-
FIVE-YEAR	R AVERAGE						
18-22	2,397,964	1,022,630	43	83-	0	1,022,713-	43-

## ACCOUNT 368.00 LINE TRANSFORMERS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	2,745,773	1,032,438	38	332,915	12	699,524-	25-
1990	2,207,087	961,838	44	410,856	19	550,981-	25-
1991	2,118,402	573,702	27	275,371	13	298,331-	14-
1992	2,833,113	678,026	24	142,534	5	535,492-	19-
1993	2,885,281	569,182	20	106,267	4	462,914-	16-
1994	3,023,338	449,994	15	132,336	4	317,657-	11-
1995	2,870,981	338,352	12	71,482	2	266,871-	9 –
1996	613,020	377,121	62	35,182	6	341,939-	56-
1997	696,728	414,765	60	44,278	6	370,487-	53-
1998	868,346	412,158	47	12,239	1	399,919-	46-
1999	9,911,536	364,273	4	114,356	1	249,917-	3 –
2000	264,758	175,163	66	1,097	0	174,067-	66-
2001	4,473,779	211,081	5	63,380	1	147,701-	3 –
2002	1,365,232	265,239	19		0	265,239-	19-
2003	4,494,015	111,479	2		0	111,479-	2-
2004	4,673,773	163,003-	- 3-	251,908	5	414,911	9
2005	4,294,638	348,051	8	128	0	347,923-	8 –
2006	3,830,429	543,495	14		0	543,495-	14-
2007	2,712,091	600,831	22		0	600,831-	22-
2008	1,187,320	184,834	16		0	184,834-	16-
2009	2,738,388	2,335,011	85	23,464	1	2,311,547-	84-
2010	6,775,698	7,021,181	104	5,085	0	7,016,097-	104-
2011	3,838,618	114,943	3	512-	0	115,456-	3 –
2012	6,926,860	295,743	4	23	0	295,720-	4 –
2013	804,350	740-	- 0		0	740	0
2014	2,859,250	1,546,469	54	163,643	6	1,382,826-	48-
2015	3,380,875	23,750	1		0	23,750-	1-
2016	12,081,063	130,147	1		0	130,147-	1-
2017	6,205,836	3,629,331	58	13,574-	0	3,642,905-	59-
2018	3,057,597	150,232	5	652-	0	150,883-	5 –
2019	6,840,882	31,917	0		0	31,917-	0
2020	6,367,518	1,037,693	16	1,034	0	1,036,658-	16-
2021	6,946,037	6,975,108	100	1,652-	0	6,976,760-	100-
2022	7,667,092	4,401,682	57	659	0	4,401,024-	57-
TOTAL	134,559,705	36,141,486	27	2,171,845	2	33,969,641-	25-
THREE-YE	AR MOVING AVERAG	GES					
89-91	2,357,087	855,992	36	339,714	14	516,279-	22-
90-92	2,386,201	737,855	31	276,254	12	461,601-	19-
91-93	2,380,201	606,970	23	174,724	7	432,246-	17-
91-93	2,913,911	565,734	23 19	127,046	4	438,688-	15-
シムーンせ	4,913,911	305,734	エフ	127,040	4	-30,000-	TO-



## ACCOUNT 368.00 LINE TRANSFORMERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
	AR MOVING AVERAGES		101	11100111	101	11100111	101
93-95	2,926,533	452,509	15	103,362	4	349,147-	1 0
93-95	2,169,113		18	79,667	4		12-
95-97	1,393,576	388,489 376,746	10 27	50,314	4	308,822- 326,432-	14- 23-
95-97	726,031		55	30,566	4	370,782-	51-
90-96	3,825,537	401,348 397,065	10	56,958	1	340,108-	9-
97-99	3,625,537			42,564	1	274,634-	9- 7-
99-00	4,883,358	317,198 250,173	9 5	59,611	1	190,561-	4-
00-02	2,034,590	217,161	11	21,492	1	195,669-	10-
01-03	3,444,342	195,933	6	21,127	1	174,806-	5-
01-03	3,511,007	71,238	2	83,969	2	12,731	0
02 04	4,487,475	98,842	2	84,012	2	14,830-	0
04-06	4,266,280	242,848	6	84,012	2	158,836-	4-
05-07	3,612,386	497,459	14	42	0	497,416-	14-
06-08	2,576,613	443,053	17	12	0	443,053-	17-
07-09	2,212,600	1,040,225	47	7,821	0	1,032,404-	47-
08-10	3,567,135	3,180,342	89	9,516	0	3,170,826-	89-
09-11	4,450,901	3,157,045	71	9,346	0	3,147,700-	71-
10-12	5,847,059	2,477,289	42	1,532	0	2,475,758-	42-
11-13	3,856,610	136,649	4	163-		136,812-	4-
12-14	3,530,154	613,824	17	54,555	2	559,269-	16-
13-15	2,348,159	523,160	22	54,548	2	468,612-	20-
14-16	6,107,063	566,789	9	54,548	1	512,241-	8 –
15-17	7,222,591	1,261,076	17	4,525-		1,265,601-	18-
16-18	7,114,832	1,303,237	18	4,742-		1,307,979-	18-
17-19	5,368,105	1,270,493	24	4,742-		1,275,235-	24-
18-20	5,421,999	406,614	7	128	0	406,486-	7-
19-21	6,718,146	2,681,572	40	206-	0	2,681,779-	40-
20-22	6,993,549	4,138,161	59	14	0	4,138,147-	59-
FIVE-XEA	R AVERAGE						
18-22	6,175,825	2,519,326	41	122-	0	2,519,449-	41-

## ACCOUNTS 369.00, 369.10 AND 369.20 SERVICES

	_	COST OF		GROSS		NET	
	REGULAR	REMOVAL	D.G.	SALVAGE	D. G.E.	SALVAGE	D CIT
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	430,657	137,658	32	66,583	15	71,076-	17-
1990	783,314	160,306	20	82,171	10	78,135-	10-
1991	989,935	286,851	29	110,148	11	176,702-	18-
1992	796,904	387,443	49	71,267	9	316,176-	40-
1993	663,259	683,018	103	70,845	11	612,173-	92-
1994	792,965	899,987	113	88,224	11	811,763-	102-
1995	783,397	676,704	86	214,445	27	462,260-	59-
1996	709,818	407,184	57	11,662	2	395,522-	56-
1997	624,510	415,868	67	9,062	1	406,807-	65-
1998	583,861	352,041	60	837	0	351,203-	60-
1999	208,187	325,521	156	930	0	324,592-	156-
2000	340,974	232,794	68	64	0	232,730-	68-
2001	518,527	207,582	40	9,694	2	197,888-	38-
2002	253,144	263,854	104		0	263,854-	104-
2003	838,802	1,466	0		0	1,466-	0
2004	874,081	975	0		0	975-	0
2005	1,002,491	48,391	5		0	48,391-	5 –
2006	799,525	17,220	2		0	17,220-	2-
2007	1,412,106	9,807	1		0	9,807-	1-
2008	943,912	28,173	3		0	28,173-	3 –
2009	1,017,429	133,153	13	384-	0	133,537-	13-
2010	1,234,087	585,206	47	23-	0	585,229-	47-
2011	519,707	7,847	2	14-	0	7,861-	2-
2012	186,150	436,673	235	34	0	436,639-	235-
2013	283,797	117-	- 0		0	117	0
2014	1,084,010	16,724	2	42,473	4	25,749	2
2015	43,989	4,175	9		0	4,175-	9 –
2016	721,931	21,330	3	2-	0	21,332-	3 –
2017	702,917	5,932	1	7,206-	1-	13,138-	2-
2018	429,386	909	0	3-	0	913-	0
2019							
2020							
2021							
2022							
TOTAL	20,573,772	6,754,678	33	770,806	4	5,983,871-	29-
THREE-YE	AR MOVING AVERAG	ES					
89-91	734,635	194,938	27	86,301	12	108,638-	15-
90-92	856,718	278,200	32	87,862	10	190,338-	22-
91-93	816,699	452,437	55	84,087	10	368,351-	45-
92-94	751,043	656,816	87	76,779	10	580,038-	77-
74-7 <del>4</del>	731,043	030,010	0 /	10,119	10	500,038-	, , –

## ACCOUNTS 369.00, 369.10 AND 369.20 SERVICES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEA	R MOVING AVERAGES						
93-95	746,540	753,236	101	124,505	17	628,732-	84-
94-96	762,060	661,292	87	104,777	14	556,515-	73-
95-97	705,908	499,919	71	78,390	11	421,529-	60-
96-98	639,396	391,698	61	7,187	1	384,511-	60-
97-99	472,186	364,477	77	3,610	1	360,867-	76-
98-00	377,674	303,452	80	610	0	302,842-	80-
99-01	355,896	255,299	72	3,562	1	251,737-	71-
00-02	370,882	234,743	63	3,253	1	231,491-	62-
01-03	536,824	157,634	29	3,231	1	154,403-	29-
02-04	655,342	88,765	14		0	88,765-	14-
03-05	905,125	16,944	2		0	16,944-	2-
04-06	892,032	22,195	2		0	22,195-	2-
05-07	1,071,374	25,139	2		0	25,139-	2-
06-08	1,051,848	18,400	2		0	18,400-	2-
07-09	1,124,482	57,044	5	128-	0	57,172-	5 –
08-10	1,065,143	248,844	23	136-	0	248,980-	23-
09-11	923,741	242,068	26	140-	0	242,209-	26-
10-12	646,648	343,242	53	1-	0	343,243-	53-
11-13	329,885	148,134	45	7	0	148,128-	45-
12-14	517,986	151,093	29	14,169	3	136,925-	26-
13-15	470,599	6,927	1	14,158	3	7,230	2
14-16	616,643	14,076	2	14,157	2	81	0
15-17	489,612	10,479	2	2,402-	0	12,882-	3 –
16-18	618,078	9,391	2	2,404-	0	11,794-	2-
17-19	377,434	2,280	1	2,403-	1-	4,683-	1-
18-20	143,129	303	0	1-	0	304-	0
19-21							
20-22							
FIVE-YEAR	AVERAGE						
18-22	85,877	182	0	1-	0	182-	0

## ACCOUNTS 370.00 AND 370.20 METERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1989	462,487	172,073	37	199,749	43	27,676	6
1990	712,430	160,306	23	246,514	35	86,207	12
1991	1,527,467	143,425	9	165,223	11	21,797	1
1992	2,226,476	193,722	9	213,801	10	20,079	1
1993	1,421,582	227,673	16	247,957	17	20,284	1
1994	1,439,715	299,996	21	308,785	21	8,789	1
1995	944,271	169,176	18	142,963	15	26,213-	3 –
1996	709,818	736	0		0	736-	0
1997							
1998	160,085	14,607	9		0	14,607-	9 –
1999	2,793,119	58,631	2		0	58,631-	2-
2000							
2001	953,745	182,524	19		0	182,524-	19-
2002							
2003							
2004	1,171,103	163,855	14		0	163,855-	14-
2005	963,817	42,698	4	190	0	42,509-	4 –
2006	5,750,526	78,923	1		0	78,923-	1-
2007	1,275,894	19,883	2		0	19,883-	2-
2008	3,531,830	35,437	1		0	35,437-	1-
2009	2,126,678	3,254	0	2,097-	0	5,352-	0
2010	2,838,128	2,034-	- 0		0	2,034	0
2011	2,194,450		0		0		0
2012	2,528,992	309,372	12	7,232	0	302,140-	12-
2013	1,963,629		0		0		0
2014	1,452,429		0		0		0
2015	300,814	144,477	48		0	144,477-	48-
2016	4,774,405	62	0		0	62-	0
2017	15,620,203	6,199	0	22-	0	6,221-	0
2018	29,453,505	86	0		0	86-	0
2019	46,343,272	1,575,931	3	138,554	0	1,437,377-	3 –
2020	2,149,424	5,044	0	6	0	5,038-	0
2021	1,379,656	78,219	6	63,790	5	14,429-	1-
2022	98,620	573,472	581	62,391	63	511,080-	518-
TOTAL	139,268,572	4,657,749	3	1,795,035	1	2,862,714-	2-
THREE-YE	AR MOVING AVERAG	ES					
89-91	900,795	158,602	18	203,828	23	45,227	5
90-92	1,488,791	165,818	11	208,512	14	42,695	3
91-93	1,725,175	188,273	11	208,994	12	20,720	1
92-94	1,695,924	240,463	14	256,848	15	16,384	1



## ACCOUNTS 370.00 AND 370.20 METERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	5					
93-95	1,268,523	232,281	18	233,235	18	954	0
94-96	1,031,268	156,636	15	150,583	15	6,053-	1-
95-97	551,363	56,637	10	47,654	9	8,983-	2-
96-98	289,968	5,114	2		0	5,114-	2-
97-99	984,401	24,412	2		0	24,412-	2-
98-00	984,401	24,412	2		0	24,412-	2-
99-01	1,248,955	80,385	6		0	80,385-	6-
00-02	317,915	60,841	19		0	60,841-	19-
01-03	317,915	60,841	19		0	60,841-	19-
02-04	390,368	54,618	14		0	54,618-	14-
03-05	711,640	68,851	10	63	0	68,788-	10-
04-06	2,628,482	95,159	4	63	0	95,096-	4 –
05-07	2,663,412	47,168	2	63	0	47,105-	2-
06-08	3,519,417	44,748	1		0	44,748-	1-
07-09	2,311,467	19,525	1	699-	0	20,224-	1-
08-10	2,832,212	12,219	0	699-	0	12,918-	0
09-11	2,386,419	407	0	699-	0	1,106-	0
10-12	2,520,523	102,446	4	2,411	0	100,036-	4 –
11-13	2,229,024	103,124	5	2,411	0	100,713-	5 –
12-14	1,981,683	103,124	5	2,411	0	100,713-	5 –
13-15	1,238,957	48,159	4		0	48,159-	4 –
14-16	2,175,883	48,180	2		0	48,180-	2-
15-17	6,898,474	50,246	1	7 –	0	50,253-	1-
16-18	16,616,038	2,116	0	7 –	-	2,123-	0
17-19	30,472,327	527,406	2	46,178	0	481,228-	2-
18-20	25,982,067	527,020	2	46,187	0	480,834-	2-
19-21	16,624,117	553,064	3	67,450	0	485,614-	3 –
20-22	1,209,234	218,911	18	42,062	3	176,849-	15-
FIVE-YEA	R AVERAGE						
18-22	15,884,896	446,550	3	52,948	0	393,602-	2-

## ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1989	504,877	172,073	34	133,166	26	38,907-	8 –
1990	872,801	160,306	18	164,342	19	4,036	0
1991	1,042,064	200,000	0	110,148	11	110,148	11
1992	1,222,286		0	71,267	6	71,267	6
1993	837,696		0	70,845	8	70,845	8
1994	1,121,669		0	88,224	8	88,224	8
1995	815,980		0	71,482	9	71,482	9
1996	840,321	130,587	16	44,364	5	86,223-	10-
1997	576,608	116,988	20	14,640	3	102,348-	18-
1998	702,186	109,523	16	9,033	1	100,490-	14-
1999	395,912	131,924	33	896	0	131,028-	33-
2000	419,682	95,146	23		0	95,146-	23-
2001	865,989	117,424	14	3,477	0	113,947-	13-
2002	1,421,619	146,346	10	•	0	146,346-	10-
2003	1,167,514	50,040	4		0	50,040-	4 –
2004	1,036,861	589	0		0	589-	0
2005	838,733	11,609	1		0	11,609-	1-
2006	891,250	5,396	1		0	5,396-	1-
2007	1,177,296	13,308	1		0	13,308-	1-
2008	981,443	49,549	5		0	49,549-	5-
2009	878,011	186,113	21	419-	0	186,532-	21-
2010	160,378	1,223,293	763	468-	0	1,223,761-	763-
2011	2,533,559	794	0		0	794-	0
2012	441,375	194,980	44	15	0	194,965-	44-
2013	529,313		0		0		0
2014	121,911	724,637	594	71,826	59	652,812-	535-
2015	346,973	2,115	1		0	2,115-	1-
2016	1,877,213	2,379	0		0	2,379-	0
2017	1,198,791	348,526	29	273	0	348,254-	29-
2018	268,890	3,315	1		0	3,316-	1-
2019	2,020,472	935	0		0	935-	0
2020	1,715,001	23,862	1	40-	0	23,902-	1-
2021	717,268	287,887	40	40-	0	287,927-	40-
2022	1,306,400	1,611,953	123	1,155	0	1,610,798-	123-
TOTAL	31,848,341	5,921,600	19	854,186	3	5,067,414-	16-
THREE-YE	AR MOVING AVERAGE	ES					
89-91	806,581	110,793	14	135,886	17	25,092	3
90-92	1,045,717	53,435	5	115,253	11	61,817	6
91-93	1,034,015		0	84,087	8	84,087	8
92-94	1,060,550		0	76,779	7	76,779	7



## ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
93-95	925,115		0	76,850	8	76,850	8
94-96	925,990	43,529	5	68,023	7	24,494	3
95-97	744,303	82,525	11	43,495	6	39,030-	5 –
96-98	706,371	119,033	17	22,679	3	96,354-	14-
97-99	558,235	119,478	21	8,190	1	111,289-	20-
98-00	505,926	112,198	22	3,310	1	108,888-	22-
99-01	560,527	114,831	20	1,458	0	113,374-	20-
00-02	902,430	119,639	13	1,159	0	118,480-	13-
01-03	1,151,707	104,604	9	1,159	0	103,445-	9 –
02-04	1,208,665	65,659	5		0	65,659-	5 –
03-05	1,014,369	20,746	2		0	20,746-	2-
04-06	922,282	5,865	1		0	5,865-	1-
05-07	969,093	10,104	1		0	10,104-	1-
06-08	1,016,663	22,751	2		0	22,751-	2-
07-09	1,012,250	82,990	8	140-	0	83,130-	8 –
08-10	673,277	486,319	72	296-	0	486,614-	72-
09-11	1,190,650	470,067	39	296-	0	470,363-	40-
10-12	1,045,104	473,023	45	151-	0	473,174-	45-
11-13	1,168,082	65,258	6	5	0	65,253-	6-
12-14	364,200	306,539	84	23,947	7	282,592-	78-
13-15	332,732	242,251	73	23,942	7	218,309-	66-
14-16	782,032	243,044	31	23,942	3	219,102-	28-
15-17	1,140,992	117,674	10	91	0	117,583-	10-
16-18	1,114,964	118,073	11	91	0	117,983-	11-
17-19	1,162,718	117,592	10	91	0	117,501-	10-
18-20	1,334,788	9,371	1	13-	0	9,384-	1-
19-21	1,484,247	104,228	7	27-	0	104,255-	7 –
20-22	1,246,223	641,234	51	358	0	640,876-	51-
FIVE-YEAF	R AVERAGE						
18-22		30E E00	32	<b>71</b> E	0	20E 276	32-
10-22	1,205,606	385,590	34	215	U	385,376-	34-

## ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	121,536		0		0		0
1990	223,116	80,153	36		0	80,153-	36-
1991	171,658		0		0		0
1992	434,317	96,861	22		0	96,861-	22-
1993	443,095	113,836	26		0	113,836-	26-
1994	367,464	149,998	41		0	149,998-	41-
1995	272,493		0		0		0
1996	209,758	60,416	29	11,306	5	49,110-	23-
1997	374,761	132,296	35	13,950	4	118,346-	32-
1998	224,729	628,698	280	50,916	23	577,782-	257-
1999	229,408	76,906	34	234	0	76,672-	33-
2000	146,730	48,347	33		0	48,347-	33-
2001	2,626,857	55,127	2		0	55,127-	2-
2002	316,381	175,894	56		0	175,894-	56-
2003	562,571	38,237	7		0	38,237-	7 –
2004	508,828		0		0		0
2005	618,573	14,847	2		0	14,847-	2-
2006	436,147	7,192	2		0	7,192-	2-
2007	983,316	9,279	1		0	9,279-	1-
2008	689,663	23,278	3		0	23,278-	3 –
2009	559,135	96,048	17	156-	0	96,205-	17-
2010	177,685	454,616	256	149-	0	454,765-	256-
2011	1,000,760	12,682	1	5-	0	12,687-	1-
2012	344,429	341,531	99	26	0	341,505-	99-
2013	110,604	91-	- 0		0	91	0
2014	184,521	111,931	61	11,158	6	100,774-	55-
2015	699,471	511	0		0	511-	0
2016	2,259,658	4,693	0		0	4,693-	0
2017	1,025,768	308,695	30	251-	0	308,946-	30-
2018	467,060	81,784	18		0	81,784-	18-
2019	1,499,464	647	0		0	647-	0
2020	2,868,832	68,670	2	7-	0	68,676-	2-
2021	2,280,036	262,106	11	1-	0	262,107-	11-
2022	4,442,443	1,223,279	28	340	0	1,222,939-	28-
TOTAL	27,881,268	4,678,466	17	87,361	0	4,591,106-	16-
THREE-YE	AR MOVING AVERAG	ES					
89-91	172,103	26,718	16		0	26,718-	16-
90-92	276,364	59,005	21		0	59,005-	21-
91-93	349,690	70,232	20		0	70,232-	20-
92-94	414,959	120,232	29		0	120,232-	29-

## ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGES						
93-95	361,017	87,945	24		0	87,945-	24-
94-96	283,238	70,138	25	3,769	1	66,369-	23-
95-97	285,670	64,237	22	8,418	3	55,819-	20-
96-98	269,749	273,803	102	25,391	9	248,413-	92-
97-99	276,300	279,300	101	21,700	8	257,600-	93-
98-00	200,289	251,317	125	17,050	9	234,267-	117-
99-01	1,000,998	60,127	6	78	0	60,049-	6-
00-02	1,029,989	93,123	9		0	93,123-	9 –
01-03	1,168,603	89,753	8		0	89,753-	8 –
02-04	462,594	71,377	15		0	71,377-	15-
03-05	563,324	17,695	3		0	17,695-	3 –
04-06	521,183	7,346	1		0	7,346-	1-
05-07	679,345	10,439	2		0	10,439-	2-
06-08	703,042	13,249	2		0	13,249-	2-
07-09	744,038	42,868	6	52-	0	42,920-	6-
08-10	475,494	191,314	40	102-	0	191,416-	40-
09-11	579,193	187,782	32	103-	0	187,885-	32-
10-12	507,625	269,610	53	43-	0	269,652-	53-
11-13	485,264	118,041	24	7	0	118,034-	24-
12-14	213,185	151,124	71	3,728	2	147,396-	69-
13-15	331,532	37,451	11	3,719	1	33,731-	10-
14-16	1,047,883	39,045	4	3,719	0	35,326-	3 –
15-17	1,328,299	104,633	8	84-	0	104,717-	8 –
16-18	1,250,829	131,724	11	84-		131,808-	11-
17-19	997,431	130,375	13	84-		130,459-	13-
18-20	1,611,785	50,367	3	2-		50,369-	3 –
19-21	2,216,111	110,474	5	3-	0	110,477-	5 –
20-22	3,197,104	518,018	16	111	0	517,907-	16-
FIVE-YEAR	R AVERAGE						
18-22	2,311,567	327,297	14	66	0	327,231-	14-

## ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	110,386	8,947	8	25,222	23	16,274	15
1990	274,709	17,946	7	6,108	2	11,838-	4 –
1991	219,988	28,331	13	10,535	5	17,797-	8 –
1992	96,439	20,194	21	591	1	19,603-	20-
1993	333,576	171,352	51	149,353	45	21,999-	7 –
1994	379,055	152,418	40	3,903	1	148,514-	39-
1995	460,753	231,212	50	129,234	28	101,978-	22-
1996	396,766	253,251	64		0	253,251-	64-
1997	3,203,178	315,620	10	242,001	8	73,619-	2-
1998	324,970	117,620	36		0	117,620-	36-
1999	2,130,749	240,280	11		0	240,280-	11-
2000	350,889-		0		0		0
2001	78,195		0	351,548	450	351,548	450
2002	1,140,332	265,297	23	90,564	8	174,733-	15-
2003	513,703	3,992	1		0	3,992-	1-
2004	986,342	37,727	4	158,657	16	120,930	12
2005	842,352	1,104,300-		109,000	13	1,213,300	144
2006	73,523	20,650	28	•	0	20,650-	28-
2007	29,322	,	0		0	,	0
2008	2,778,104	41,832	2		0	41,832-	2-
2009	323,664	894,110-		494,271	153	1,388,381	429
2010	323,001	0,71,110	2.0	171,11		1,000,001	
2011	840,410	513,877	61	74,002	9	439,875-	52-
2012	184,475	35,221	19	,	0	35,221-	19-
2013	1,217,900	624,900	51		0	624,900-	51-
2014	1,513,562	1,717,212	113		0	1,717,212-	
2015	3,616,150	2,294,368	63	2,991	0	2,291,377-	63-
2016	3,717,171	1,003,189	27	_,,,,_	0	1,003,189-	27-
2017	1,025,424	105,433	10		0	105,433-	10-
2018	3,999,336	1,122,382	28	1,542,950	39	420,568	11
2019	18,952,812	985,187	5	1,312,330	0	985,187-	5-
2020	2,277,602	1,311,839	58		0	1,311,839-	58-
2021	1,638,566	3,401,934	208		0	3,401,934-	208-
2021	1,761,837	1,067,866	61		0	1,067,866-	61-
2022	1,701,037	1,007,800	01		O	1,007,800-	01-
TOTAL	55,090,461	14,111,668	26	3,390,930	6	10,720,739-	19-
מע מקסטיף	AD MOTITMO ATTERAC	TE C					
	AR MOVING AVERAG		_				_
89-91	201,694	18,408	9	13,955	7	4,453-	2-
90-92	197,045	22,157	11	5,744	3	16,413-	8 –
91-93	216,668	73,292	34	53,493	25	19,800-	9 –
92-94	269,690	114,654	43	51,282	19	63,372-	23-



## ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
	AR MOVING AVERAGES	11100111	101	11100111	101	11100111	101
		104 004	4.77	04 162	0.4	00 020	2.2
93-95	391,128	184,994	47	94,163	24	90,830-	23-
94-96	412,191	212,293	52	44,379	11	167,914-	41-
95-97	1,353,566	266,694	20	123,745	9	142,949-	11-
96-98	1,308,304	228,830	17	80,667	6	148,163-	11-
97-99	1,886,299	224,507	12	80,667	4	143,840-	8 –
98-00	701,610	119,300	17		0	119,300-	17-
99-01	619,352	80,093	13	117,183	19	37,089	6
00-02	289,213	88,432	31	147,371	51	58,939	20
01-03	577,410	89,763	16	147,371	26	57,608	10
02-04	880,126	102,339	12	83,074	9	19,265-	2-
03-05	780,799	354,193-	45-	89,219	11	443,412	57
04-06	634,072	348,641-		89,219	14	437,860	69
05-07	315,065	361,216-	115-	36,333	12	397,550	126
06-08	960,316	20,828	2		0	20,828-	2-
07-09	1,043,697	284,093-	27-	164,757	16	448,850	43
08-10	1,033,923	284,093-	27-	164,757	16	448,850	43
09-11	388,025	126,744-	33-	189,424	49	316,169	81
10-12	341,628	183,033	54	24,667	7	158,365-	46-
11-13	747,595	391,333	52	24,667	3	366,665-	49-
12-14	971,979	792,444	82		0	792,444-	82-
13-15	2,115,871	1,545,493	73	997	0	1,544,496-	73-
14-16	2,948,961	1,671,590	57	997	0	1,670,593-	57-
15-17	2,786,249	1,134,330	41	997	0	1,133,333-	41-
16-18	2,913,977	743,668	26	514,317	18	229,351-	8 –
17-19	7,992,524	737,667	9	514,317	6	223,351-	3 –
18-20	8,409,917	1,139,803	14	514,317	6	625,486-	7 –
19-21	7,622,993	1,899,654	25		0	1,899,654-	25-
20-22	1,892,668	1,927,213	102		0	1,927,213-	102-
FIVE-YEA	R AVERAGE						
18-22	5,726,031	1,577,842	28	308,590	5	1,269,252-	22-

## ACCOUNT 392.00 TRANSPORTATION EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	24,345		0		0		0
1990	64,210		0		0		0
1991	106,038		0		0		0
1992	54,783		0	5,631	10	5,631	10
1993	139,027		0	5,340	4	5,340	4
1994	37,000		0	15,225	41	15,225	41
1995	31,474		0		0		0
1996							
1997	92,323		0	9,154	10	9,154	10
1998	34,391		0	3,915	11	3,915	11
1999	32,817		0	10,136	31	10,136	31
2000							
2001							
2002							
2003							
2004	387,440		0		0		0
2005	90,709		0		0		0
2006	3,503		0		0		0
2007							
2008							
2009							
2010	17,406	48,832-	281-		0	48,832	281
2011	31,610	36,183-	114-		0	36,183	114
2012							
2013	2,731,795		0		0		0
2014							
2015	2,177,248		0		0		0
2016	1,402,157		0		0		0
2017	662,052	127,087-	19-	497,497	75	624,584	94
2018	370,133		0	53,048	14	53,048	14
2019	24,988		0	103,074	412	103,074	412
2020	567,973		0	18,795	3	18,795	3
2021		1-		47,260		47,261	
2022	521,024	8,755-	2-	231,748	44	240,504	46
TOTAL	9,604,445	220,857-	2-	1,000,822	10	1,221,679	13
THREE-YE	AR MOVING AVERAGES						
89-91	64,864		0		0		0
90-92	75,010		0	1,877	3	1,877	3
91-93	99,949		0	3,657	4	3,657	4
91-93	76,937		0				11
34-3 <del>4</del>	10,931		U	8,732	11	8,732	ТТ

# ACCOUNT 392.00 TRANSPORTATION EQUIPMENT

# SUMMARY OF BOOK SALVAGE

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	R MOVING AVERAGES						
93-95	69,167		0	6,855	10	6,855	10
94-96	22,825		0	5,075	22	5,075	22
95-97	41,266		0	3,051	7	3,051	7
96-98	42,238		0	4,356	10	4,356	10
97-99	53,177		0	7,735	15	7,735	15
98-00	22,403		0	4,684	21	4,684	21
99-01	10,939		0	3,379	31	3,379	31
00-02							
01-03							
02-04	129,147		0		0		0
03-05	159,383		0		0		0
04-06	160,551		0		0		0
05-07	31,404		0		0		0
06-08	1,168		0		0		0
07-09							
08-10	5,802	16,277-	281-		0	16,277	281
09-11	16,338	28,338-	173-		0	28,338	173
10-12	16,338	28,338-	173-		0	28,338	173
11-13	921,135	12,061-	1-		0	12,061	1
12-14	910,598		0		0		0
13-15	1,636,348		0		0		0
14-16	1,193,135		0		0		0
15-17	1,413,819	42,362-	3 –	165,832	12	208,194	15
16-18	811,447	42,362-	5-	183,515	23	225,877	28
17-19	352,391	42,362-	12-	217,873	62	260,235	74
18-20	321,031		0	58,305	18	58,305	18
19-21	197,654		0	56,376	29	56,377	29
20-22	362,999	2,919-	1-	99,268	27	102,186	28
FIVE-YEAR	AVERAGE						
18-22		1 751	. 1_	00 705	21	00 526	31
T0-77	296,824	1,751-	1-	90,785	31	92,536	<b>3</b> L

# ACCOUNT 396.00 POWER OPERATED EQUIPMENT

# SUMMARY OF BOOK SALVAGE

		COST C		GROSS		NET	
	REGULAR	REMOVA		SALVAGE		SALVAGE	- ~
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1989	36,660		0		0		0
1990	7,588		0		0		0
1991	6,071		0		0		0
1992	5,878		0		0		0
1993							
1994							
1995	33,411		0		0		0
1996							
1997							
1998							
1999							
2000							
2001							
2002							
2003							
2004	204,655		0		0		0
2005							
2006							
2007							
2008							
2009							
2010							
2011							
2012							
2013							
2014							
2015							
2016							
2017	142,081		0		0		0
2018	48,938		0		0		0
2019	56,170		0	17,962	32	17,962	32
2020	224,027		0		0		0
2021				73,245		73,245	
2022							
TOTAL	765,479		0	91,207	12	91,207	12
THREE-YE	EAR MOVING AVERAG	ES					
89-91	16,773		0		0		0
90-92	6,512		0		0		0
91-93	3,983		0		0		0
92-94	1,959		0		0		0
<i>J</i>	1,707		O		U		J

# ACCOUNT 396.00 POWER OPERATED EQUIPMENT

# SUMMARY OF BOOK SALVAGE

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	R MOVING AVERAGES						
93-95	11,137		0		0		0
94-96	11,137		0		0		0
95-97	11,137		0		0		0
96-98							
97-99							
98-00							
99-01							
00-02							
01-03							
02-04	68,218		0		0		0
03-05	68,218		0		0		0
04-06	68,218		0		0		0
05-07							
06-08							
07-09							
08-10							
09-11							
10-12							
11-13							
12-14							
13-15							
14-16							
15-17	47,360		0		0		0
16-18	63,673		0		0		0
17-19	82,396		0	5,987	7	5,987	7
18-20	109,712		0	5,987	5	5,987	5
19-21	93,399		0	30,402	33	30,402	33
20-22	74,676		0	24,415	33	24,415	33
FIVE-YEAR	AVERAGE						
18-22	65,827		0	18,241	28	18,241	28

# PART IX. DETAILED DEPRECIATION CALCULATIONS

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERII PROBABI	RIVER COMMON 2-0 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 100- EAR 12-201				
2017	72.94	73	73			
	72.94	73	73			
INTERII PROBABI	UNIT 1 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2028				
2007		•	5,649		4.90 4.90	1,379
2008 2015	4,018.56 2,893,017.51					
2018	753,045.39	451,234	268,962	627,162	4.91	127,732
	3,660,506.60	2,592,580	1,545,330	2,810,673		572,442
INTERII PROBABI	UNIT 2 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2029				
2002	13,855.00	12,841	7,654	8,833		1,500
2004	20,265.71	18,358	10,942	13,174 8,502	5.89	2,237
2007 2008	12,628.45 26,074.41	10,949 22,210	6,526 13,238	8,502 17,790	5.90	1,441 3,015
2015	1,233,577.21	842,622	502,251	965,706		163,679
	1,306,400.78	906,980	540,612	1,014,005		171,872
INTERII PROBABI	COMMON 1-2 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2029				
1970 1971 1972 1973 1974 1975	19,146,301.44 10,340.43 12,334,555.63 131,259.31 121,749.90 17,783.34	20,432,324 11,015 13,113,874 139,249 128,893 18,787	12,178,859 6,566 7,816,635 83,001 76,828 11,198	10,605,240 5,740 6,861,486 73,198 68,055 9,964	5.84 5.84 5.85 5.85 5.85	1,815,966 983 1,174,912 12,512 11,633 1,703

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	A COMMON 1-2					
	M SURVIVOR CURV		R2.5			
	BLE RETIREMENT Y					
NET SA	ALVAGE PERCENT	-19				
1976	759,940.97	801,019	477,454	426,876	5.85	72,970
1977	17,264.73	18,152	10,820	9,725	5.86	1,660
1978	216,441.90	227,001	135,306	122,260	5.86	20,863
1979	100,297.80	104,924	62,541	56,814	5.86	9,695
1980	132,984.57	138,749	82,703	75,549	5.86	12,892
1981	112,580.86	117,131	69,817	64,154	5.86	10,948
1982	460,190.75	477,284	284,489	263,138	5.87	44,828
1983	4,089.35	4,228	2,520	2,346	5.87	400
1985	369,273.96	379,308	226,090	213,346	5.87	36,345
1986	12,545.65	12,841	7,654	7,275	5.87	1,239
1988	634,280.19	644,058	383,896	370,897	5.88	63,078
1989	86,805.19	87,776	52,320	50,979	5.88	8,670
1990	4,796.82	4,829	2,878	2,830	5.88	481
1991	175,485.03	175,845	104,814	104,013	5.88	17,689
1992	754,799.25	752,638	448,616	449,595	5.88	76,462
1993	163,549.00	162,222	96,694	97,930	5.88	16,655
1994	246,084.46	242,727	144,679	148,161	5.88	25,197
1995	492,546.34	482,766	287,757	298,373	5.89	50,658
1997	258,518.97	250,060	149,050	158,587	5.89	26,925
1998	1,787,040.33	1,716,042	1,022,861	1,103,717	5.89	187,388
1999	86,235.51	82,159	48,972	53,649	5.89	9,108
2000	15,255.16	14,411	8,590	9,564	5.89	1,624
2001	196,290.31	183,736	109,517	124,068	5.89	21,064
2002	163,837.23	151,844	90,508	104,458	5.89	17,735
2003	29,741.67	27,265	16,252	19,141	5.89	3,250
2004	281,779.79	255,261	152,150	183,167	5.89	31,098
2005	80,760.35	72,180	43,023	53,081	5.90	8,997
2006	8,445.17	7,440	4,435	5,615	5.90	952
2007	27,448.88	23,799	14,186	18,479	5.90	3,132
2008	17,324,898.05	14,757,383	8,796,263	11,820,366	5.90	2,003,452
2009	2,895,339.52	2,417,227	1,440,809	2,004,645	5.90	339,770
2010	555,203.75	453,235	270,155	390,538	5.90	66,193
2011	2,232,344.60	1,775,970	1,058,582	1,597,908	5.90	270,832
2012	4,032,221.57	3,115,229	1,856,859	2,941,485	5.90	498,557
2013	739,356.80	551,911	328,971	550,863	5.90	93,367
2014	19,014.14	13,631	8,125	14,502	5.90	2,458
2015	769,555.43	525,662	313,325	602,446	5.90	102,109
2016	9,471,324.65	6,099,911	3,635,903	7,634,973	5.90	1,294,063
2017	20,780,426.05	12,437,303	7,413,359	17,315,348	5.90	2,934,805
2018	28,759,939.79	15,665,160	9,337,351	24,886,977	5.90	4,218,132
2019	2,274,464.16	1,091,956	650,870	2,055,743	5.90	348,431

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)			ANNUAL ACCRUAL (7)
CAYUGA	A COMMON 1-2					
	IM SURVIVOR CURV					
	ALVAGE PERCENT.		,			
2020	1 647 628 73	657,239	391 753	1,568,925	5 91	265 470
	2,853.97		510	2,886		
	17,227.63			18,748		
	130,963,099.08	101,027,451	60,218,265	95,627,823		16,241,011
CAYUGA	A INLAND CONTAIN	NER				
	M SURVIVOR CURV					
	BLE RETIREMENT		)			
NET SA	ALVAGE PERCENT.	19				
1975	579,347.16	612,028	364,805	324,619	5.85	55,490
	136,597.39		79,803	82,748	5.89	14,049
1996	19,545.79	19,036	11,347	11,913	5.89	2,023
2007	21,330.10	18,494	11,024	14,359	5.90	2,434
	756,820.44	783,443	466,978	433,638		73,996
GIBSON	N UNIT 1					
INTERI	M SURVIVOR CURV	VE IOWA 100-	R2.5			
	BLE RETIREMENT		3			
NET SA	ALVAGE PERCENT.	23				
1941	134.89	140	89	77	13.45	6
1945	362.35	372	236	210		
1948		200	127			8
	17,837,970.72					•
	41,208.57			26,534		1,831
	8,478.59		4,887	5,542		381
1981	948.72	857	543	624		43
1982				182,128		
1983	41,866.31	37,342	23,675	27,820	14.57	1,909
1988	13,828.81	11,875	7,529	9,481	14.63	648
1989	95,130.76	80,984	51,345	65,666	14.64	4,485
1992	767,157.17	634,620	402,357	541,246	14.66	36,920
1994	158,596.28	128,321	81,357	113,716	14.68	7,746
1995 2001	44,055.43 31,851.83	35,217 23,261	22,328 14,748	31,860 24,430	14.69 14.74	2,169 1,657
2001	3,144.98	2,159	1,369	2,499	14.74	169
2006	4,866.00	3,176	2,014	3,972	14.77	269

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
GIBSO	N UNIT 1					
	IM SURVIVOR CURV	E IOWA 100-	R2.5			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
2007	12,477.46	7,918	5,020	10,327	14.77	699
2008	6,051.13	3,719	2,358	5,085	14.78	344
2010	104,517.44	59,667	37,830	90,727	14.79	6,134
2012	12,247.95	6,372	4,040	11,025	14.80	745
2013	35,855.09	17,644	11,187	32,915	14.80	2,224
2014	160,971.80	74,270	47,088	150,907	14.81	10,190
2015	175,230.57	75,038	47,575	167,959	14.81	11,341
2016	108,853.09	42,618	27,020	106,869	14.82	7,211
2017	266,214.01	93,691	59,401	268,042	14.82	18,087
2018	106,896.30	32,854	20,830	110,653	14.83	7,461
2021	1,258,389.36	182,209	115,523	1,432,296	14.84	96,516
2022	9,579.53	737	467	11,316	14.84	763
	21,582,706.85	18,426,259	11,682,473	14,864,256		1,022,405
	N UNIT 2					
INTER	IM SURVIVOR CURV	E IOWA 100-	R2.5			
	BLE RETIREMENT Y		}			
NET SA	ALVAGE PERCENT	-23				
1075	22 051 102 00	20 502 042	12 001 576	14 101 001	14 46	075 100
1975	22,051,102.80	20,593,842	13,021,576	14,101,281	14.46	975,192
1976	765,694.18	711,599	449,947	491,857	14.47	33,991
1982 1983	255,561.25	229,443 38,004	145,078	169,263 28,378	14.56 14.57	11,625 1,948
1988	42,608.32 13,828.82	11,875	24,030 7,509	9,501	14.63	649
1989	20,609.00	17,544	11,093	14,256	14.63	974
1993	782,646.02	640,521	405,004	557,650	14.67	38,013
1996	45,583.00	35,975	22,747	33,320	14.70	2,267
2001	28,405.78	20,744	13,117	21,823	14.74	1,481
2001	3,085.62	2,118	1,339	2,456	14.74	166
2001	72,401.71	47,257	29,881	59,173	14.77	4,006
2007	26,108.15	16,567	10,475	21,638	14.77	1,465
2007	6,051.13	3,719	2,352	5,091	14.78	344
2010	104,517.44	59,667	37,728	90,829	14.79	6,141
2010	12,247.95	6,372	4,029	11,036	14.80	746
2012	35,855.09	17,644	11,156	32,945	14.80	2,226
	,	,	,_3	==,===		_,,

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER:	N UNIT 2 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2038				
2019	2,977.92	772	488	3,175	14.83	214
2021	1,194,254.55	172,923	109,340	1,359,593	14.84	91,617
2022	537,965.30	41,383	26,167	635,531	14.84	42,826
2022	331,303.30	11,505	20,107	033,331	11.01	12,020
	26,001,504.03	22,667,969	14,333,055	17,648,795		1,215,891
GIBSON	N UNIT 3					
	IM SURVIVOR CURV	E IOWA 100-	R2.5			
	BLE RETIREMENT Y					
NET SA	ALVAGE PERCENT	-23				
1978	32,936,532.64	32,471,126	20,646,152	19,865,783	10.70	1,856,615
1979	3,222.00	3,162	2,010	1,953	10.71	182
1981	362,569.63	352,519	224,143	221,818	10.73	20,673
1982	230,741.00	223,269	141,961	141,850	10.73	13,220
1983	41,866.31	40,295	25,621	25,875	10.74	2,409
1988	13,828.82	12,918	8,214	8,796	10.77	817
1989	24,437.61	22,674	14,417	15,641	10.77	1,452
1990	50,197.09	46,228	29,393	32,349	10.78	3,001
2001	31,582.90	25,878	16,454	22,393	10.83	2,068
2003	19,617.26	15,564	9,896	14,233	10.83	1,314
2004	2,216.43	1,726	1,097	1,629	10.84	150
2006	1,671.01	1,248	794	1,262	10.84	116
2008	6,051.13	4,295	2,731	4,712	10.85	434
2010	104,517.44	69,702	44,319	84,238	10.85	7,764
2012	12,247.95	7,539	4,794	10,271	10.86	946
2013	35,855.09	21,031	13,372	30,730	10.86	2,830
2019	3,977.55	1,309	832	4,060	10.87	374
2021	777,426.79	147,231	93,614	862,621	10.88	79,285
2022	300,365.59	30,812	19,591	349,858	10.88	32,156
	34,958,924.24	33,498,526	21,299,405	21,700,072		2,025,806
CIDCO	N UNIT 4					
		TOWN 100	D2 E			
	IM SURVIVOR CURV BLE RETIREMENT Y					
	ALVAGE PERCENT		ī.			
INET SE	TUVAGE FERCENI	43				
1979	24,858,101.32	24,397,998	15,538,054	15,037,411	10.71	1,404,053
1981	540,174.54	525,200	334,478	329,937	10.71	30,749
<b>T</b> 7 0 <b>T</b>	510,117.54	525,200	334,470	347,731	±0.73	30,749

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GIBSON	UNIT 4					
	M SURVIVOR CURV	E. TOWA 100-	·R2.5			
	BLE RETIREMENT Y					
	LVAGE PERCENT					
1982	237,858.16	230,155	146,576	145,990	10.73	13,606
1983	41,866.32	40,295	25,662	25,833	10.74	2,405
1988	72,783.63	67,988	43,299	46,225	10.77	4,292
1989	8,410.01	7,803	4,969	5,375	10.77	499
1999	40,893.41	34,460	21,946	28,353	10.82	2,620
2001	31,265.58	25,618	16,315	22,142	10.83	2,045
2004	2,454.82	1,911	1,217	1,802	10.84	166
2006	14,892.00	11,123	7,084	11,233	10.84	1,036
2008	6,051.13	4,295	2,735	4,708	10.85	434
2010	104,517.44	69,702	44,390	84,166	10.85	7,757
2012	12,247.95	7,539	4,801	10,264	10.86	945
2013	88,825.88	52,102	33,182	76,074	10.86	7,005
2014	146,529.45	81,227	51,730	128,501	10.86	11,833
2020	36,443.16	9,645	6,142	38,683	10.87	3,559
2021	416,592.87	78,896	50,246	462,164	10.88	42,478
2022	19,263.12	1,976	1,258	22,435	10.88	2,062
2023	875,722.94	24,193	15,407	1,061,732	10.88	97,586
	27,554,893.73	25,672,126	16,349,492	17,543,027		1,635,130
	UNIT 5					
	M SURVIVOR CURV		R2.5			
	BLE RETIREMENT Y					
NET SA	LVAGE PERCENT	-23				
1000	02 000 610 00	04 015 040	14 526 050	12 040 500	6 05	0 001 055
1982	23,078,617.28	24,215,842	14,536,978	13,849,722	6.85	2,021,857
1983	11,320.77	11,837	7,106	6,819	6.85	995
1985	16,467.51	17,090	10,259	9,996	6.85	1,459
1987	34,231.76	35,221	21,143	20,962	6.86	3,056
1988	56,857.43	58,239	34,961	34,973	6.86	5,098
1989	20,470.65	20,869	12,528	12,651	6.86	1,844
1993	15,639.62	15,594	9,361	9,876	6.87	1,438
1999	31,258.54 19,636.69	29,778	17,876	20,572	6.88	2,990
2001 2007	9,122.52	18,337 7,818	11,008 4,693	13,145 6,527	6.88 6.89	1,911 947
	147,059.51	114,557	68,770	112,114	6.89	16,272
2011 2014	78,444.93	54,430		63,812	6.90	
	77,091.02	50,734	32,675 30,456	64,366	6.90	9,248 9,328
2015 2016	17,881.86	11,037	6,626	15,369	6.90	2,227
2018	132,591.30	68,285	40,992	122,095	6.90	17,695
2010	132,371.30	00,203	10,002	144,073	0.70	11,095

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	ACCRUALS	REM. LIFE (6)	ACCRUAL
INTER: PROBA	N UNIT 5 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2030				
2019 2020 2021 2022	62,511.08 37,333.71 429,527.74 72,672.61	28,127 13,883 118,264 11,315	16,885 8,334 70,995 6,792		6.90 6.90	8,696 5,447 66,279 11,970
2023		27,634		773,629		
	24,991,190.18	24,928,891	14,965,027	15,774,137		2,300,877
INTER: PROBA	N 3 FLUE GAS IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2034				
1993	391,692.00	352,081	228,236	253,545	10.79	23,498
	391,692.00	352,081	228,236	253,545		23,498
INTER: PROBA	N 4 FLUE GAS IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2034				
1994 1998 2000 2005 2014 2022	33,308,422.02 28,587.51 55,810.25 4,080.00 25,628.86 203,591.92	24,401 46,409	15,853 30,151 2,023	21,698,822 19,310 38,496 2,995 22,294 236,850	10.80 10.81 10.82 10.84 10.86	1,786 3,558 276
	33,626,120.56	29,770,832	19,341,362	22,018,766		2,038,592
INTER:	N 5 FLUE GAS IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2030				
1982 1983 1987	2,445,198.70 48,881.50 7,135.68	2,565,689 51,112 7,342	1,540,206 30,683 4,407	1,467,389 29,441 4,369	6.85	214,217 4,298 637



# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERII PROBAB	5 FLUE GAS M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2030				
2003 2006 2022	19,651.65 9,055.45 7,993.06	17,927 7,900 1,244	10,762 4,742 747	13,410 6,396 9,085	6.88 6.89 6.90	1,949 928 1,317
	2,537,916.04	2,651,214	1,591,547	1,530,090		223,346
INTERII PROBAB	COMMON 1-2 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2038				
1975 1976 1977 1979 1981 1985 1986 1987 1989 1997 2006 2011 2013 2015 2020 2021	1,182,698.62 114,896.27 7,420.26 125,989.46 553.50 32,686.18 135,670.83 6,249.10 18,275.30 18,880.94 5,812,280.33 273,669.25 508,987.16 12,367.62 1,343,990.29 53,956.10 9,648,571.21	1,104,539 106,779 6,860 115,198 500 28,749 118,438 5,412 15,558 14,700 3,793,744 149,537 250,472 5,296 275,821 7,813 5,999,416	727,748 70,354 4,520 75,901 329 18,942 78,035 3,566 10,251 9,685 2,499,585 98,525 165,029 3,489 181,730 5,148	726,971 70,969 4,607 79,066 351 21,262 88,840 4,121 12,228 13,538 4,649,520 238,088 461,026 11,723 1,471,378 61,218	14.46 14.47 14.49 14.52 14.54 14.59 14.60 14.61 14.64 14.71 14.77 14.80 14.80 14.81 14.83	50,275 4,905 318 5,445 24 1,457 6,085 282 835 920 314,795 16,087 31,150 792 99,216 4,125 536,711
INTERII PROBAB	COMMON 1-3 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2038				
1975 1976 1977 1978 1979	3,920,157.16 253,651.24 334.84 176,689.44 29,040.37	3,661,091 235,731 310 162,485 26,553	2,410,364 155,199 204 106,976 17,482	2,411,430 156,792 208 110,352 18,238	14.46 14.47 14.49 14.50 14.52	166,766 10,836 14 7,610 1,256



# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER: PROBA	N COMMON 1-3 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2038				
1980	224,886.67	204,440	134,598	142,013	14.53	9,774
1981	80,220.81	72,491	47,726	50,945	14.54	3,504
1982	13,713,826.52	12,312,295	8,106,084	8,761,923	14.56	601,780
1983	457,836.77	408,360	268,853	294,286	14.57	20,198
1986	6,759.67	5,901	3,885	4,429	14.60	303
1988	1,205,043.55	1,034,815	681,294	800,909	14.63	54,744
1989	339,287.88	288,834	190,161	227,164	14.64	15,517
1990	152,494.11	128,626	84,684	102,884	14.65	7,023
1991	98,403.74	82,209	54,124	66,912	14.66	4,564
1992	5,396,936.88	4,464,543	2,939,335	3,698,897	14.66	252,312
1993	3,307,924.93	2,707,223	1,782,363	2,286,385	14.67	155,854
1994	480,650.57	388,897	256,039	335,161	14.68	22,831
1995	3,138,946.41	2,509,202	1,651,991	2,208,913	14.69	150,368
1996	57,327.23	45,244	29,787	40,725	14.70	2,770
1998	73,909.88	56,711	37,337	53,572	14.72	3,639
1999	2,216,003.17	1,674,824	1,102,659	1,623,025	14.72	110,260
2000	419,789.91	312,051	205,446	310,896	14.73	21,106
2001	216,126.61	157,832	103,912	161,923	14.74	10,985
2002	1,943,132.22	1,392,612	916,858	1,473,194	14.74	99,945
2004	416,880.32	286,163	188,402	324,361	14.76	21,976
2005	26,816.16	17,977	11,836	21,148	14.76	1,433
2006	9,343.42	6,099	4,015	7,477	14.77	506
2007	1,372,339.83	870,828	573,330	1,114,648	14.77	75,467
2016	312,878.01	122,498	80,649	304,191	14.82	20,526
2017	41,332,730.29	14,546,637	9,577,114	41,262,144	14.82	2,784,220
2019	78,468.30	20,341	13,392	83,124	14.83	5,605
2022	268,229.81	20,633	13,584	316,338	14.84	21,317
	81,727,066.72	48,224,456	31,749,684	68,774,608		4,665,009
GIBSON	N COMMON 1-4					
	IM SURVIVOR CURV		R2.5			
	BLE RETIREMENT Y ALVAGE PERCENT					
1975	125,814.12	117,500	80,088	74,664	14.46	5,163
1976	31,843.87	29,594	20,171	18,997	14.47	1,313
1978	34,820.00	32,021	21,825	21,003	14.50	1,448
1980	55,116.23	50,105	34,151	33,641	14.53	2,315
2001	126,927.76	92,692	63,179	92,942	14.74	6,305



# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	N COMMON 1-4	7E TOMA 100	D2 E			
	IM SURVIVOR CURV BLE RETIREMENT Y					
	ALVAGE PERCENT					
2002	81,390.57	58,331	39,758	60,352	14.74	4,094
2009	382,245.31	226,768	154,565	315,597	14.79	21,339
2011	231,430.57	126,457	86,193	198,467	14.80	13,410
2012	56,639.77	29,469	20,086	49,581	14.80	3,350
2015	350,110.99	149,926	102,189	328,447	14.81	22,177
2019	265,606.43	68,851	46,929	279,767	14.83	18,865
2020	485,632.11	99,664	67,931	529,397	14.83	35,698
2021	796,012.23	115,259	78,560	900,535	14.84	60,683
2022	241,963.96	18,613	12,687	284,929	14.84	19,200
2023	3,727,209.11	75,965	51,778	4,532,690	14.84	305,437
	6,992,763.03	1,291,215	880,090	7,721,009		520,797
GIBSO	N COMMON 1-5					
	IM SURVIVOR CURV	7E IOWA 100-	-R2.5			
	BLE RETIREMENT Y					
NET SA	ALVAGE PERCENT	-23				
1971	119.36	114	77	70	14.39	5
1974	64,484.24	60,519	41,024	38,292	14.44	2,652
1975	14,507,085.69	13,548,376	9,184,028	8,659,687	14.46	598,872
1976	2,868,380.22	2,665,732	1,807,018	1,721,090	14.47	118,942
1978	636,032.47	584,902	396,487	385,833	14.50	26,609
1979	234,554.70	214,464	145,379	143,124	14.52	9,857
1981	11,156.47	10,081	6,834	6,889	14.54	474
1982	6,652,123.54	5,972,287	4,048,430	4,133,682	14.56	283,907
1983	77,829.22	69,419	47,057	48,673	14.57	3,341
1984	15,461.68	13,697	9,285	9,733	14.58	668
1985	1,856.01	1,632	1,106	1,177	14.59	81
1986	59,463.54	51,910	35,188	37,952	14.60	2,599
1988	255,862.80	219,719	148,941	165,770	14.63	11,331
1989	6,123.88	5,213	3,534	3,999	14.64	273
1990	25,825.05	21,783	14,766	16,999	14.65	1,160
1991	221,879.03	185,364	125,653	147,259	14.66	10,045
1992	0.01	200,001	0	_ 1, , _ 3,		10,013
1995	75,031.70	59,979	40,658	51,631	14.69	3,515
1998	83,148.61	63,800	43,248	59,025	14.72	4,010
1999	26,049.92	19,688	13,346	18,696	14.72	1,270
2000	101,275.18	75,283	51,032	73,536	14.73	4,992
2001	9,950.83	7,267	4,926	7,313	14.74	496

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER: PROBA	N COMMON 1-5 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2038				
2002 2003 2004 2006 2007 2008 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023	59,561.67 530,991.90 19,277.39 80,819.10 1,261,235.05 32,733,483.21 958,940.49 597,058.87 130,914.56 440,956.24 276,871.99 6,902,982.22 37,356,328.62 5,303,448.56 81,029,031.60 4,326,369.97 1,129,286.74 20,502,902.97 2,948,821.24 186,694.10	42,687 372,749 13,233 52,752 800,326 20,117,403 547,440 326,242 68,114 216,994 127,745 2,956,026 14,625,798 1,866,495 24,903,471 1,121,492 231,758 2,968,730 226,836 3,805	28,936 252,675 8,970 35,759 542,516 13,636,970 371,093 221,149 46,172 147,094 86,594 2,003,799 9,914,380 1,265,240 16,881,299 760,225 157,102 2,012,411 153,765 2,579	44,325 400,445 14,741 63,649 1,008,803 26,625,214 808,404 513,233 114,853 395,283 253,958 6,486,869 36,033,905 5,258,002 82,784,410 4,561,210 1,231,921 23,206,160 3,473,285 227,054	14.74 14.75 14.76 14.77 14.77 14.78 14.79 14.80 14.80 14.81 14.82 14.82 14.83 14.83 14.83 14.84 14.84	3,007 27,149 999 4,309 68,301 1,801,435 54,659 34,678 7,760 26,708 17,148 438,006 2,431,438 354,791 5,582,226 307,566 83,070 1,563,757 234,049 15,300
	222,709,670.64	95,441,325	64,696,745	209,236,150		14,141,455
INTER: PROBA	N COMMON 3-4 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2034				
1978 1989 1997 2001 2014 2017 2021	632,193.99 6,811.04 15,613.94 103,774.08 82,063.84 958,672.70 66,562.52	623,261 6,319 13,483 85,029 45,491 417,130 12,606	420,250 4,261 9,091 57,333 30,674 281,261 8,500	357,348 4,117 10,114 70,309 70,265 897,906 73,372	10.77	33,397 382 936 6,492 6,470 82,604 6,744
	1,865,692.11	1,203,319	811,370	1,483,431		137,025

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	I COMMON 4-5 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2034				
1982 1983 1987 1988 1995 1996 1999 2001 2002 2003 2004 2017 2020 2023	3,765,786.42 86,343.31 10,616.68 29,015.25 613,414.60 16,581.50 60,731.80 5,519,695.60 38,888.81 13,529.42 6,575.79 90,036.83 93,640.72 160,916.88	3,643,837 83,103 9,984 27,103 541,075 14,473 51,177 4,522,643 31,372 10,734 5,120 39,176 24,782 4,445 9,009,024	2,373,291 54,126 6,503 17,653 352,411 9,427 33,332 2,945,672 20,433 6,991 3,335 25,516 16,141 2,895	2,258,626 52,076 6,556 18,036 402,089 10,969 41,368 3,843,554 27,400 9,650 4,753 85,229 99,037 195,033	10.73 10.74 10.76 10.77 10.80 10.81 10.82 10.83 10.83 10.83 10.84 10.87 10.88	210,496 4,849 609 1,675 37,230 1,015 3,823 354,899 2,530 891 438 7,841 9,111 17,926
INTERI PROBAE	I COMMON 3-5 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2034				
1978 1979 1982 1989 1995 1996 2000 2010 2011 2014	426,710.94 1,757.06 415,429.15 12,437.56 7,333.43 42,400.42 254,537.49 22,619.67 2,665.71 103,654.86 410,466.10	420,681 1,725 401,976 11,540 6,469 37,010 211,658 15,586 1,778 66,554 227,536	276,458 1,134 264,166 7,584 4,251 24,322 139,095 10,243 1,168 43,737 149,529	248,396 1,028 246,812 7,714 4,769 27,831 173,986 17,580 2,110 83,758 355,344	10.70 10.71 10.73 10.77 10.80 10.81 10.82 10.85 10.85 10.86	23,215 96 23,002 716 442 2,575 16,080 1,620 194 7,713 32,720

# ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)		
GIBSON COMMON 3-5 INTERIM SURVIVOR CURVE IOWA 100-R2.5 PROBABLE RETIREMENT YEAR 5-2034								
NET S	ALVAGE PERCENT	-23						
2015	10,308.42	5,351	3,517	9,163	10.86	844		
2021	113,564.80	21,507	14,134	125,551	10.88	11,540		
2023	46,840.63	1,294	850	56,764	10.88	5,217		
	1,870,726.24	1,430,665	940,187	1,360,806		125,974		
	643,652,111.03	425,877,845	271,460,494	514,764,113		48,325,170		
	COMPOSITE REMAIN	NING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	10.	7 7.51		

# ACCOUNT 311.20 STRUCTURES AND IMPROVEMENTS - EDWARDSPORT IGCC

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	DSPORT IGCC IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	TEAR 5-2045				
1944	16,205.56	14,157	12,496	5,492	14.55	377
1946	4,713.62	4,086	3,607	1,625	14.89	109
1950	20,936.49	17,864	15,768	7,471	15.55	480
1987	44,644.38	30,160	26,622	22,934	19.82	1,157
2013	129,960,097.73	44,264,864	39,071,851	105,183,858	20.94	5,023,107
2014	292,673.38	92,597	81,734	243,134	20.97	11,594
2015	407,087.47	118,208	104,340	347,527	21.00	16,549
2016	1,819,022.66	478,571	422,427	1,596,689	21.02	75,960
2017	1,441,572.49	336,719	297,216	1,302,929	21.05	61,897
2018	3,571,624.96	721,817	637,136	3,327,368	21.07	157,920
2019	13,442,720.40	2,257,760	1,992,887	12,928,533	21.09	613,017
2020	2,469,590.32	322,891	285,010	2,456,235	21.12	116,299
2021	764,273.06	69,624	61,456	786,887	21.14	37,223
2022	6,525,407.42	311,240	274,726	6,968,476	21.16	329,323
2023	57,133.79	681	601	62,817	21.18	2,966
	160,837,703.73	49,041,239	43,287,877	135,241,974		6,447,978

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 21.0 4.01

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CAYUG	A UNIT 1					
INTER	IM SURVIVOR CURV	7E IOWA 45-S	30.5			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
1970	19,841,876.45	21,155,966	16,779,105	6,832,728	4.36	1,567,139
1972	413.82	440	349	143	4.39	33
1974	77,750.82	82,445	65,388	27,135	4.43	6,125
1976	2,023,511.44	2,139,152	1,696,593	711,386	4.46	159,504
1977	71,448.23	75,417	59,814	25,209	4.47	5,640
1978	40,146.88	42,297	33,546	14,228	4.49	3,169
1979	41,214.50	43,348	34,380	14,665	4.50	3,259
1980	818,303.81	858,856	681,171	292,610	4.52	64,737
1982	121,543.16	127,064	100,776	43,860	4.54	9,661
1986	11,254.16	11,650	9,240	4,153	4.59	905
1987	359,160.63	370,792	294,081	133,321	4.60	28,983
1988	566,010.90	582,603	462,071	211,482	4.61	45,875
1990	465,990.63	476,562	377,968	176,561	4.63	38,134
1991	260,340.70	265,302	210,415	99,391	4.64	21,420
1992	92,134.89	93,532	74,182	35,459	4.65	7,626
1993	4,352,507.06	4,400,386	3,490,010	1,689,473	4.66	362,548
1995	4,520,325.97	4,528,416	3,591,553	1,787,635	4.68	381,973
1996	1,684,349.24	1,678,865	1,331,532	672,843	4.69	143,463
1997	1,402,592.90	1,390,415	1,102,758	566,327	4.70	120,495
1998	19,892.13	19,602	15,547	8,125	4.71	1,725
1999	2,689,092.94	2,633,041	2,088,303	1,111,717	4.72	235,533
2000	79,948.65	77,737	61,654	33,485	4.73	7,079
2001	1,613,099.62	1,556,652	1,234,603	684,985	4.74	144,512
2001	1,065,736.84	1,019,908	808,904	459,323	4.75	96,700
2002	313,234.28	297,055	235,599	137,150	4.76	28,813
2003	1,015,186.41	953,736	756,422	451,650	4.76	94,884
2005	38,852,907.07	36,099,794	28,631,272	17,603,687	4.77	3,690,500
2005	18,439.05	16,924	13,423	8,520	4.78	1,782
2007	757,895.25	686,216	544,248	357,647	4.79	74,665
2007	197,239,149.56	175,883,377	139,495,668	95,218,920	4.80	19,837,275
2008	324,208.80	284,391	225,555	160,254	4.80	33,386
2010	1,271,985.54	1,094,030	867,691	645,972	4.81	134,298
2010	2,387,946.41	2,008,511	1,592,979	1,248,677	4.82	259,062
					4.83	
2013	1,158,002.12	921,828	731,115	646,907 4,115,841		133,935
2014	7,085,911.59	5,442,333 148,057,983	4,316,394	122,106,446	4.84	850,380
2015	201,288,561.54		117,426,942		4.85	25,176,587
2016	1,660,605.63	1,158,758	919,028	1,057,093 65,002	4.86	217,509
2017	96,773.22	63,242	50,158		4.86	13,375
2018	2,011,057.78	1,206,320	956,750	1,436,409	4.87	294,951
2019	66,312.77	35,350	28,037	50,876	4.88	10,425

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CAVIIC	A UNIT 1					
	A UNII I IM SURVIVOR CURV	7₽ TOWN 45_9	20 5			
	BLE RETIREMENT					
	ALVAGE PERCENT.		,			
NET D.	ADVACE IERCENI.	. 10				
2020	2,097,782.86	946,446	750,640	1,745,721	4.88	357,730
2021	1,745,947.06	600,947	476,620	1,601,057	4.89	327,415
2022	3,006,466.30	601,339	476,931	3,100,764	4.90	632,809
	.,,	,	,,,,,	-,,		,
	504,617,019.61	419,989,028	333,099,414	267,394,839		55,626,019
CAYUG	A UNIT 2					
	IM SURVIVOR CURV	/E. TOWA 45-9	30.5			
	BLE RETIREMENT					
	ALVAGE PERCENT.					
1972	15,878,960.61	16,553,808	13,129,066	5,766,897	5.16	1,117,616
1974	92,338.99	95,924	76,079	33,805	5.21	6,488
1976	2,096,006.38	2,169,472	1,720,640	773,608	5.25	147,354
1977	97,189.62	100,400	79,629	36,027	5.27	6,836
1979	25,766.79	26,497	21,015	9,647	5.32	1,813
1981	714,583.46	731,568	580,217	270,137	5.35	50,493
1984	1,020,295.36	1,035,999	821,666	392,486	5.41	72,548
1986	25,856.58	26,098	20,699	10,071	5.44	1,851
1987	328,400.35	330,332	261,991	128,805	5.46	23,591
1988	65,328.66	65,497	51,947	25,794	5.47	4,716
1989	208,436.84	208,153	165,089	82,951	5.49	15,109
1990	829,144.75	824,639	654,033	332,649	5.51	60,372
1992	98,016.11	96,633	76,641	39,998	5.54	7,220
1993	4,339,671.01	4,258,613	3,377,568	1,786,641	5.55	321,917
1994	3,646,569.90	3,560,623	2,823,982	1,515,436	5.56	272,560
1995	249,940.89	242,637	192,439	104,991	5.58	18,816
1996	145,329.80	140,270	111,250	61,692	5.59	11,036
1998	4,511,671.01	4,297,044	3,408,048	1,960,840	5.62	348,904
1999	252,305.77	238,553	189,200	111,044	5.63	19,724
2000	1,170,871.04	1,098,353	871,120	522,217	5.64	92,592
2001	359,291.77	333,978	264,883	162,674	5.66	28,741
2002	867,096.58	798,473	633,281	398,564	5.67	70,293
2003	149,398.85	136,160	107,990	69,794	5.68	12,288
2004	558,820.86	503,569	399,388	265,609	5.69	46,680
2005	136,566.58	121,544	96,398	66,116	5.70	11,599
2006	41,664,225.43	36,547,221	28,986,133	20,594,295	5.72	3,600,401
2007	619,034.94	534,691	424,071	312,580	5.73	54,551
2008	211,421,289.01	179,492,805	142,358,357	109,232,977	5.74	19,030,135
2009	115,682.21	96,327	76,398	61,263	5.75	10,654

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	UNIT 2 M SURVIVOR CURV BLE RETIREMENT V LVAGE PERCENT.	YEAR 5-2029				
2010 2011 2012 2014 2015 2016 2017 2019 2020 2021 2022 2023	3,848,840.53 1,735,982.23 1,054,345.14 3,586,227.96 145,607,896.01 93,061.63 3,911,927.72 2,718,174.74 570,443.89 2,474,499.84 422,684.82 360,352.70	3,135,367 1,378,810 813,554 2,571,108 99,394,818 59,906 2,341,469 1,307,695 228,833 745,528 73,110 17,462	2,486,705 1,093,554 645,242 2,039,183 78,831,477 47,512 1,857,053 1,037,152 181,491 591,289 57,985 13,849	2,093,415 972,265 609,429 2,228,428 94,441,919 63,231 2,798,141 2,197,476 497,337 2,353,366 445,010 414,970	5.76 5.77 5.78 5.80 5.82 5.83 5.84 5.85 5.86 5.86 5.87	363,440 168,503 105,438 384,212 16,227,134 10,846 479,134 375,637 84,870 400,914 75,682 70,453
CAYUGA INTERI PROBAB	458,072,527.36  COMMON 1-2  M SURVIVOR CURV  LE RETIREMENT Y  LVAGE PERCENT.	YEAR 5-2029		254,244,598		44,213,161
1948 1970						
1972 1974 1975 1981	2,257.05 3,408,292.50 113,014.47 142,241.11 97,852.95 160,935.32	2,450 3,564,621 117,818 147,763 101,470 164,761	1,943 2,827,153 93,443 117,193 80,477 130.674	743 1,228,715 41,044 52,074 35,968 60,839	3.94 5.11 5.16 5.21 5.23 5.35	189 240,453 7,954 9,995 6,877 11,372
1974	3,408,292.50 113,014.47 142,241.11	3,564,621 117,818 147,763	2,827,153 93,443 117,193	1,228,715 41,044 52,074	5.11 5.16 5.21	240,453 7,954 9,995
1974 1975 1981 1984 1985 1986 1987 1989	3,408,292.50 113,014.47 142,241.11 97,852.95 160,935.32 24,322.14 26,217.02 73,902.62 2,214.27 140,235.39	3,564,621 117,818 147,763 101,470 164,761 24,696 26,539 74,592 2,227 140,044	2,827,153 93,443 117,193 80,477 130,674 19,587 21,048 59,160 1,766 111,071	1,228,715 41,044 52,074 35,968 60,839 9,357 10,150 28,784 869 55,809	5.11 5.16 5.21 5.23 5.35 5.41 5.43 5.44 5.46 5.49	240,453 7,954 9,995 6,877 11,372 1,730 1,869 5,291 159

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CAVIIC	A COMMON 1-2					
	A COMMON 1-2 IM SURVIVOR CURV	7F TOWN 15_C	ın 5			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
IVET DI	ADVAGE IEKCENI	10				
2000	659,026.80	618,210	490,311	293,931	5.64	52,115
2001	1,505,751.12	1,399,663	1,110,093	681,751	5.66	120,451
2002	1,198,592.69	1,103,733	875,387	550,939	5.67	97,167
2003	663,427.94	604,638	479,547	309,932	5.68	54,565
2004	717,234.05	646,319	512,605	340,904	5.69	59,913
2005	202,949.36	180,625	143,256	98,253	5.70	17,237
2006	1,137,761.39	998,027	791,550	562,386	5.72	98,319
2007	1,709,303.24	1,476,410	1,170,962	863,109	5.73	150,630
2008	2,553,887.91	2,168,204	1,719,634	1,319,492	5.74	229,877
2010	291,700.40	237,627	188,465	158,658	5.76	27,545
2011	335,165.06	266,206	211,132	187,715	5.77	32,533
2012	1,361,647.70	1,050,674	833,305	787,056	5.78	136,169
2013	2,822,647.97	2,105,827	1,670,162	1,688,789	5.79	291,673
2014	2,019,217.87	1,447,657	1,148,158	1,254,711	5.80	216,329
2015	71,285,058.55	48,660,585	38,593,419	46,235,801	5.82	7,944,296
2016	2,569,781.99	1,654,216	1,311,983	1,746,058	5.83	299,495
2017	574,001.87	343,567	272,488	410,574	5.84	70,304
2018	77,829,374.96	42,356,513	33,593,568	59,023,389	5.85	10,089,468
2019	10,942,191.59	5,264,214	4,175,125	8,846,083	5.85	1,512,151
2020	311,114.17	124,803	98,983	271,243	5.86	46,287
2021	2,255,153.01	679,442	538,875	2,144,757	5.87	365,376
2022	624,060.87	107,942	85,610	657,022	5.88	111,738
2023	32,100.24	1,555	1,233	36,966	5.89	6,276
	100 214 062 62	110 200 670	04 640 107	120 (40 500		00 441 070
	189,314,862.62	119,329,679	94,642,107	130,642,580		22,441,979
	A INLAND CONTAIN		_			
	IM SURVIVOR CURV					
	BLE RETIREMENT Y					
NET S	ALVAGE PERCENT	-19				
1000	0 006 006 06	0 001 001	1 (50 400	B2B 64B	F 00	141 041
1975	2,006,836.26	2,081,021	1,650,488	737,647	5.23	141,041
1993	48,685.51	47,776	37,892	20,044	5.55	3,612
1994	279,892.90	273,296	216,755	116,317	5.56	20,920
1995	20,496.47	19,898	15,781	8,609	5.58	1,543
2001	22,263.40	20,695	16,414	10,080	5.66	1,781
2002	20,974.28	19,314	15,318	9,641	5.67	1,700
2003	37,911.42	34,552	27,404	17,711	5.68	3,118
	2,437,060.24	2,496,552	1,980,052	920,050		172 715
	4,437,000.24	∠,≒⊅0,33∠	1,300,032	540,050		173,715

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	N UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2038				
1976	13,006,535.22	11,963,973	10,490,802	5,507,236	10.82	508,987
1978	177,441.60	161,427	141,550	76,703	11.05	6,941
1979	164,800.22	149,085	130,728	71,977	11.16	6,450
1980	194,258.20	174,699	153,188	85,750	11.27	7,609
1981	441,185.72	394,448	345,878	196,780	11.37	17,307
1982	83,355.18	74,049	64,931	37,596	11.48	3,275
1983	88,459.15	78,082	68,467	40,337	11.58	3,483
1984	502,955.73	440,970	386,672	231,964	11.68	19,860
1985	171,613.43	149,467	131,063	80,022	11.77	6,799
1988	224,281.38	190,979	167,463	108,403	12.05	8,996
1989	645,097.60	544,820	477,734	315,736	12.14	26,008
1990	105,570.91	88,388	77,504	52,348	12.23	4,280
1992	42,205,711.96	34,687,246	30,416,070	21,496,956	12.40	1,733,625
1994	139,649.59	112,387	98,548	73,221	12.57	5,825
1996	1,716,988.77 4,566,816.21	1,350,072	1,183,832	928,064	12.73	72,904
1997		3,545,286	3,108,741	2,508,443	12.81 12.96	195,819
1999 2000	1,035,097.09 44,857.14	781,357 33,326	685,145 29,222	588,024 25,952	13.04	45,372 1,990
2000	913,600.44	655,415	574,711	549,017	13.19	41,624
2002	419,058.46	288,606	253,069	262,373	13.33	19,683
2005	133,795,289.03	89,987,540	78,907,022	85,661,184	13.41	6,387,859
2006	409,804.24	268,785	235,688	268,371	13.48	19,909
2007	2,752,765.59	1,756,098	1,539,863	1,846,039	13.55	136,239
2008	1,752,427.14	1,084,037	950,555	1,204,930	13.62	88,468
2009	2,147,688.26	1,284,136	1,126,015	1,515,641	13.69	110,712
2010	16,130,398.20	9,283,318	8,140,227	11,700,163	13.76	850,303
2011	5,089,209.47	2,808,990	2,463,108	3,796,620	13.82	274,719
2012	3,883,344.87	2,041,721	1,790,316	2,986,198	13.89	214,989
2013	974,535.37	484,794	425,099	773,579	13.96	55,414
2014	8,924,396.78	4,170,385	3,656,869	7,320,139	14.02	522,121
2015	3,081,714.07	1,336,078	1,171,561	2,618,947	14.09	185,873
2016	34,974,246.38	13,893,628	12,182,851	30,835,472	14.15	2,179,185
2017	4,819,814.43	1,719,584	1,507,845	4,420,527	14.22	310,867
2018	9,148,881.38	2,861,782	2,509,400	8,743,725	14.28	612,306
2019	2,040,579.67	538,828	472,480	2,037,433	14.34	142,080
2020	15,547,697.02	3,251,597	2,851,215	16,272,452	14.40	1,130,031

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	N UNIT 1 IM SURVIVOR CURV BLE RETIREMENT V ALVAGE PERCENT.	YEAR 5-203				
2021	999,029.43	147,997	129,774	1,099,033	14.46	76,005
2022	27,632,014.57	2,168,055	1,901,094	32,086,284	14.53	2,208,278
2023	4,715,305.41	97,843	85,795	5,714,030	14.57	392,178
	345,666,475.31	195,049,278	171,032,097	254,137,668		18,634,373
	N UNIT 2	7E TOWN 4E (	30 F			
	IM SURVIVOR CUR BLE RETIREMENT					
	ALVAGE PERCENT.		0			
MEI S	ALVAGE PERCENT.	23				
1910	100,898.67	124,105	124,105			
1975	12,342,641.10	11,414,324	9,975,189	5,206,260	10.70	486,566
1976	192,168.36	176,765	154,478	81,889	10.82	7,568
1977	25,320.75	23,161	20,241	10,904	10.94	997
1978	69,487.37	63,216	55,246	30,224	11.05	2,735
1979	522,420.06	472,602	413,016	229,561	11.16	20,570
1980	217,821.60	195,890	171,192	96,729	11.27	8,583
1981	310,423.07	277,538	242,546	139,275	11.37	12,249
1982	154,339.58	137,108	119,821	70,016	11.48	6,099
1983	58,410.44	51,558	45,057	26,787	11.58	2,313
1984	1,352,822.01	1,186,095	1,036,550	627,421	11.68	53,718
1986	257,787.70	222,868	194,768	122,310	11.87	10,304
1987	324,252.58	278,252	243,170	155,661	11.96	13,015
1988	595,401.76	506,995	443,072	289,272	12.05	24,006
1989	498,501.29	421,012	367,930	245,226	12.14	20,200
1990	213,464.27	178,720	156,187	106,374	12.23	8,698
1992	527,046.66	433,159	378,546	269,722	12.40	21,752
1993	31,787,845.59	25,864,413	22,603,389	16,495,661	12.48	1,321,768
1995	1,480,064.16	1,177,741	1,029,250	791,229	12.65	62,548
1996	236,535.62	185,988	162,538	128,400	12.73	10,086
1997	5,680,824.43	4,410,106	3,854,073	3,133,341	12.81	244,601
1998	9,620.38	7,369	6,440	5,393	12.88	419
2001	13,017,289.72	9,512,614	8,313,249	7,698,017	13.11	587,187
2002	102,403,267.49	73,463,848	64,201,415	61,754,604	13.19	4,681,926
2003	2,640,299.07	1,857,544	1,623,342	1,624,226	13.26	122,491
2004	282,565.77	194,603	170,067	177,489	13.33	13,315
2005	15,235,094.84	10,246,764	8,954,837	9,784,330	13.41	729,629
2006	331,196.51	217,227	189,839 8,625,306	217,533	13.48	16,137
2007	15,471,203.53	9,869,692	0,045,300	10,404,274	13.55	767,843

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GIBSON	N UNIT 2					
	IM SURVIVOR CURV	/E IOWA 45-S	30.5			
PROBAI	BLE RETIREMENT N	YEAR 5-2038	3			
NET SA	ALVAGE PERCENT	23				
2008	621,978.43	384,751	336,241	428,792	13.62	31,483
2009	3,850,262.94	2,302,131	2,011,875	2,723,949	13.69	198,974
2010	4,255,203.41	2,448,942	2,140,176	3,093,725	13.76	224,835
2011	8,036,989.86	4,436,018	3,876,718	6,008,779	13.82	434,789
2012	379,114.75	199,325	174,194	292,117	13.89	21,031
2013	33,914,926.36	16,871,360	14,744,193	26,971,166	13.96	1,932,032
2014	377,747.08	176,522	154,266	310,363	14.02	22,137
2015	4,007,593.16	1,737,494	1,518,428	3,410,911	14.09	242,080
2016	1,693,813.39	672,873	588,036	1,495,354	14.15	105,679
2017	15,004,896.54	5,353,354	4,678,395	13,777,628	14.22	968,891
2018	3,051,344.98	954,465	834,125	2,919,030	14.28	204,414
2019	9,457,749.54	2,497,379	2,182,506	9,450,526	14.34	659,032
2020	2,038,026.61	426,227	372,488	2,134,285	14.40	148,214
2021	20,779,372.81	3,078,281	2,690,167	22,868,462	14.46	1,581,498
2022	21,198,693.68	1,663,286	1,453,576	24,620,817	14.53	1,694,482
2023	3,173,923.70	65,859	57,555	3,846,371	14.57	263,993
	338,180,651.62	196,439,544	171,687,797	244,274,404		17,990,887
GIBSON	N UNIT 3					
INTER	IM SURVIVOR CURV	/E IOWA 45-9	30.5			
PROBAI	BLE RETIREMENT N	YEAR 5-2034	1			
NET SA	ALVAGE PERCENT	23				
1978	29,164,277.39	28,216,963	25,268,978	10,603,083	8.82	1,202,164
1980	358,931.41	344,332	308,358	133,128	8.95	14,875
1981	246,286.03	235,239	210,662	92,270	9.01	10,241
1982	701,508.76	666,962	597,281	265,575	9.07	29,281
1983	179,688.10	170,063	152,296	68,721	9.12	7,535
1985	285,586.16	267,577	239,622	111,649	9.23	12,096
1986	238,807.13	222,485	199,241	94,492	9.29	10,171
1987	141,087.14	130,703	117,048	56,489	9.34	6,048
1988	504,291.25	464,421	415,900	204,378	9.39	21,765
1989	288,399.20	263,909	236,337	118,394	9.44	12,542
1990	3,043,667.23	2,766,602	2,477,560	1,266,151	9.49	133,419
1991	5,310,754.34	4,792,957	4,292,210	2,240,018	9.54	234,803
1992	616,456.66	552,190	494,500	263,742	9.59	27,502
1993	951,827.97	846,123	757,724	413,025	9.63	42,889
1994	182,070.99	160,449	143,686	80,261	9.68	8,291
1995	1,751,516.55	1,529,578	1,369,774	784,591	9.73	80,636

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CTRSO	N UNIT 3					
	N UNII 3 .IM SURVIVOR CURI	7E TOWN 45_9	20 5			
	BLE RETIREMENT					
	ALVAGE PERCENT.		ı			
MEI D	ALVAGE FERCENT.	. 23				
1996	4,194,919.79	3,628,905	3,249,773	1,909,978	9.77	195,494
1998	8,886.75	7,525	6,739	4,192	9.86	425
1999	21,038.41	17,608	15,768	10,109	9.90	1,021
2000	696,140.69	575,265	515,164	341,089	9.94	34,315
2001	165,674.51	135,049	120,940	82,840	9.98	8,301
	114,744,054.45	92,118,937	82,494,754	58,640,433	10.03	5,846,504
2002	37,985.53	30,008	26,873	19,849	10.07	1,971
2003	573,592.98	445,197	398,685	306,835	10.11	30,350
2005	7,042,789.73	5,362,082	4,801,875	3,860,756	10.15	380,370
2005	2,862,038.23	2,134,503	1,911,499	1,608,808	10.18	158,036
2007	2,323,050.66	1,692,524	1,515,697	1,341,656	10.22	131,277
2008	10,525,966.28	7,471,419	6,690,838	6,256,101	10.26	609,756
2009	1,090,781.35	752,108	673,531	668,130	10.30	64,867
2010	1,564,165.59	1,044,075	934,995	988,929	10.34	95,641
2011	36,081,703.79	23,230,527	20,803,503	23,576,992	10.37	2,273,577
2012	333,086.21	205,631	184,148	225,548	10.41	21,666
2013	1,370,082.69	805,998	721,791	963,411	10.45	92,192
2015	61,030,074.06	31,819,396	28,495,045	46,571,946	10.52	4,426,991
2016	1,383,508.04	666,953	597,273	1,104,442	10.55	104,686
2017	11,153,271.66	4,881,600	4,371,592	9,346,932	10.59	882,619
2018	50,445.50	19,590	17,543	44,505	10.62	4,191
2019	1,178,349.17	391,402	350,510	1,098,859	10.65	103,179
2020	15,767,576.93	4,205,615	3,766,231	15,627,889	10.69	1,461,917
2021	4,760,427.77	912,904	817,528	5,037,798	10.72	469,944
2022	2,623,352.42	274,626	245,934	2,980,789	10.75	277,283
2023	19,097,712.79	532,523	476,887	23,013,299	10.78	2,134,814
	344,645,832.29	224,992,523	201,486,290	222,428,084		21,665,645
GIBSO	N UNIT 4					
	IM SURVIVOR CUR	/E IOWA 45-9	50.5			
	BLE RETIREMENT					
	ALVAGE PERCENT.					
_						
1979	26,879,117.03	25,894,282	23,282,577	9,778,737	8.89	1,099,970
1980	168,685.08	161,824	145,502	61,980	8.95	6,925
1981	974,129.96	930,435	836,591	361,589	9.01	40,132
1982	929,229.90	883,468	794,361	348,592	9.07	38,434
1983	396,790.37	375,537	337,660	150,392	9.12	16,490
1984	525,607.28	494,945	445,025	201,472	9.18	21,947

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CTRCO	N UNIT 4					
	N ONII 4 IM SURVIVOR CURV	7₽ TOWN 45_9	20 5			
	BLE RETIREMENT \					
	ALVAGE PERCENT		•			
1987	37,655.79	34,884	31,366	14,951	9.34	1,601
1988	347,841.42	320,340	288,030	139,815	9.39	14,890
1989	330,589.05	302,516	272,004	134,620	9.44	14,261
1991	776,605.22	700,886	630,194	325,030	9.54	34,070
1992	726,562.67	650,817	585,175	308,497	9.59	32,169
1993	963,951.79	856,901	770,474	415,187	9.63	43,114
1994	4,132,676.36	3,641,904	3,274,580	1,808,611	9.68	186,840
1996	799,238.57	691,398	621,663	361,400	9.77	36,991
1997	95,581.69	81,858	73,602	43,964	9.81	4,482
1998	4,808,925.26	4,072,285	3,661,553	2,253,425	9.86	228,542
1999	381,913.37	319,639	287,400	182,353	9.90	18,419
2000	2,937,913.32	2,427,783	2,182,916	1,430,717	9.94	143,935
2001	122,694.18	100,014	89,927	60,987	9.98	6,111
2002	147,890.02	118,729	106,754	75,151	10.03	7,493
2003	130,466,677.70	103,067,645	92,672,210	67,801,803	10.07	6,733,049
2004	274,236.31	212,850	191,382	145,929	10.11	14,434
2005	3,627,055.96	2,761,487	2,482,963	1,978,316	10.15	194,908
2006	2,547,763.07	1,900,117	1,708,471	1,425,278	10.18	140,008
2007	1,872,633.87	1,364,360	1,226,750	1,076,589	10.22	105,341
2008	827,919.95	587,665	528,393	489,949	10.26	47,753
2009	5,114,028.95	3,526,191	3,170,538	3,119,717	10.30	302,885
2010	104,517.48	69,765	62,728	65,828	10.34	6,366
2011	1,870,625.68	1,204,367	1,082,894	1,217,975	10.37	117,452
2012	2,277,805.32	1,406,202	1,264,372	1,537,329	10.41	147,678
2013	1,317,205.24	774,891	696,735	923,427	10.45	88,366
2014	75,399,135.15	41,987,531	37,752,656	54,988,281	10.48	5,246,973
2015	446,160.12	232,616	209,154	339,623	10.52	32,284
2016	1,548,320.16	746,405	671,122	1,233,311	10.55	116,902
2017	10,806,386.07	4,729,774	4,252,728	9,039,127	10.59	853,553
2018	2,397,800.59	931,151	837,235	2,112,060	10.62	198,876
2019	13,664,274.42	4,538,746	4,080,967	12,726,091	10.65	1,194,938
2020	1,421,107.34	379,046	340,815	1,407,147	10.69	131,632
2021	28,099,021.28	5,388,530	4,845,041	29,716,755	10.72	2,772,085
2022	3,628,331.84	379,833	341,523	4,121,325	10.75	383,379
2023	21,926,790.16	611,409	549,742	26,420,210	10.78	2,450,854
	356,121,394.99	219,861,026	197,685,775	240,343,541		23,276,532

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
GTRSO	N UNIT 5					
	IM SURVIVOR CURV	/F: TOWA 45-9	30 5			
	BLE RETIREMENT					
	ALVAGE PERCENT.		S			
1121 0		5				
1982	39,376,333.78	40,630,352	32,454,299	15,978,591	6.17	2,589,723
1983	23,614.51	24,287	19,400	9,646	6.20	1,556
1984	103,648.59	106,269	84,884	42,603	6.22	6,849
1985	22,174.55	22,659	18,099	9,175	6.24	1,470
1986	164,923.52	167,875	134,093	68,762	6.27	10,967
1988	201,140.42	203,167	162,284	85,119	6.31	13,490
1989	93,453.55	93,997	75,082	39,866	6.33	6,298
1990	68,313.42	68,397	54,633	29,392	6.35	4,629
1992	265,045.78	262,745	209,873	116,134	6.39	18,174
1993	221,684.99	218,561	174,580	98,093	6.41	15,303
1995	477,324.74	464,873	371,327	215,783	6.45	33,455
1996	356,911.45	345,230	275,759	163,242	6.47	25,231
1997	25,957.46	24,925	19,909	12,018	6.49	1,852
1998	93,869.21	89,473	71,468	43,991	6.50	6,768
1999	6,030,884.23	5,699,833	4,552,855	2,865,133	6.52	439,438
2000	22,927.01	21,469	17,149	11,051	6.54	1,690
2001	33,714.34	31,257	24,967	16,501	6.56	2,515
2002	27,868.51	25,570	20,425	13,854	6.57	2,109
2003	237,487.32	215,326	171,996	120,113	6.59	18,227
2004	57,659,796.65	51,598,264	41,215,137	29,706,413	6.61	4,494,162
2005	1,335,105.07	1,178,395	941,266	700,913	6.62	105,878
2006	1,506,899.10	1,309,154	1,045,713	807,773	6.64	121,653
2007	54,104.36	46,211	36,912	29,636	6.65	4,457
2008	3,673,118.87	3,076,082	2,457,082	2,060,855	6.67	308,974
2009	977,932.06	801,102	639,896	562,960	6.69	84,149
2010	277,786.69	222,135	177,435	164,243	6.70	24,514
2011	2,898,465.42	2,253,080	1,799,692	1,765,420	6.72	262,711
2012	79,360.17	59,749	47,726	49,887	6.73	7,413
2013	396,962.95	287,793	229,880	258,384	6.75	38,279
2014	792,203.95	549,987	439,313	535,098	6.76	79,157
2015	33,306,678.52	21,957,608	17,539,075	23,428,140	6.77	3,460,582
2016	1,317,576.95	814,459	650,565	970,054	6.79	142,865
2017	5,623,079.31	3,213,146	2,566,564	4,349,823	6.80	639,680
2018	1,018,713.94	526,806	420,797	832,221	6.81	122,206
2019	7,819,340.14	3,524,150	2,814,985	6,802,804	6.83	996,018
2020	428,776.34	160,043	127,838	399,557	6.84	58,415
2021	4,205,134.93	1,164,340	930,040	4,242,276	6.85	619,310
2021	2,215,910.37	343,286	274,207	2,451,363	6.87	356,821
2023	508,611.71	21,933	17,519	608,073	6.88	88,383
2020	500,011.71	21,733	±1,5±2	000,075	0.00	30,303
	173,942,834.88	141,823,988	113,284,723	100,664,964		15,215,371

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	COST	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ACCRUAL
INTER PROBA	ON 1 FLUE GAS RIM SURVIVOR CURV ABLE RETIREMENT Y SALVAGE PERCENT	YEAR 5-2038				
	139,092,705.31 1,173,103.14	88,732,731 508,599	78,121,659 447,778	92,962,369 995,138	13.55 14.09	6,860,691 70,627
	140,265,808.45	89,241,330	78,569,437	93,957,507		6,931,318
INTER PROBA	ON 2 FLUE GAS RIM SURVIVOR CURV ABLE RETIREMENT V BALVAGE PERCENT	YEAR 5-2038				
2007 2019	146,234,112.15 213,280.11	93,288,516 56,318	82,118,410 49,575	97,749,548 212,760	13.55 14.34	7,213,989 14,837
	146,447,392.26	93,344,834	82,167,985	97,962,307		7,228,826
INTER PROBA	ON 3 FLUE GAS RIM SURVIVOR CURV ABLE RETIREMENT V BALVAGE PERCENT	YEAR 5-2034				
1993		173,018	154,643		9.63	8,801
1994 2006	678,286.58 203,855,150.75	597,737 152.034.804	534,256 135,888,253		9.68 10.18	30,996 11,282,277
2013	416,701.57	245,139	219,105	293,438	10.45	28,080
2020	4,019,252.73	1,072,037	958,183	3,985,497	10.69	372,825
	209,164,024.19	154,122,735	137,754,439	119,517,311		11,722,979
INTER PROBA	ON 4 FLUE GAS RIM SURVIVOR CURV ABLE RETIREMENT Y SALVAGE PERCENT	YEAR 5-2034				
1994 1997 2000 2001 2004	120,071.15 104,187.52	100,453,031 41,403 99,222 84,928 44,680	87,554,235 36,087 86,481 74,023 38,943	52,653,217 23,376 61,206 54,128 31,863	9.68 9.81 9.94 9.98 10.11	5,439,382 2,383 6,158 5,424 3,152



# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	4 FLUE GAS M SURVIVOR CURV LE RETIREMENT V LVAGE PERCENT	YEAR 5-2034				
2005 2009 2012 2013 2014 2015 2017 2018 2019 2020 2021 2022 2023	90,922.34 4,186,136.57 1,141,014.03 433,314.81 1,326,067.46 15,012.77 2,291,383.16 2,187,501.70 4,090,585.77 1,446,777.60 5,339,514.81 763,130.14 14,012.98	69,224 2,886,397 704,404 254,912 738,447 7,827 1,002,900 849,485 1,358,735 385,892 1,023,955 79,889 391	60,335 2,515,766 613,954 222,180 643,626 6,822 874,121 740,406 1,184,265 336,341 892,473 69,631 341	51,499 2,633,182 789,493 310,798 987,437 11,644 1,944,280 1,950,221 3,847,156 1,443,195 5,675,130 869,019 16,895	10.15 10.30 10.41 10.45 10.48 10.52 10.65 10.62 10.65 10.69 10.72 10.75 10.78	5,074 255,649 75,840 29,741 94,221 1,107 183,596 183,637 361,235 135,004 529,396 80,839 1,567
	137,645,340.32	110,085,722	95,950,028	73,353,741		7,393,405
INTERI PROBAB	5 FLUE GAS M SURVIVOR CURV LE RETIREMENT V LVAGE PERCENT	YEAR 5-2030				
1982 1983 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	19,199,883.15 2,526.90 414,406.15 2,414,726.21 250,628.48 517,189.13 222,973.36 83,711.79 4,395.76 70,345.50 29,016.59 361,640.55 391,851.05 227,854.97 10,344.88 193,889.88 97,321.58 80,778.77	19,811,342 2,599 423,455 2,457,947 254,156 522,400 224,271 83,814 4,380 69,735 28,608 354,449 381,629 220,398 9,933 184,809 91,979 75,642	15,824,702 2,076 338,243 1,963,334 203,012 417,277 179,141 66,948 3,499 55,702 22,851 283,123 304,834 176,047 7,934 147,620 73,470 60,421	7,791,154 1,032 171,476 1,006,779 105,261 218,865 95,116 36,017 1,908 30,823 12,839 161,695 177,143 104,214 4,790 90,865 46,235 38,937	6.17 6.20 6.24 6.27 6.29 6.31 6.33 6.35 6.37 6.49 6.45 6.47 6.49 6.52 6.54	1,262,748
2001	63,727.78	59,083	47,194	31,191	6.56	4,755

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER: PROBA	N 5 FLUE GAS IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2030				
2002	389,336.18	357,218	285,335	193,549	6.57	29,460
2003	507,385.30	460,037	367,464	256,620	6.59	38,941
2004	738,941.45	661,260	528,195	380,703	6.61	57,595
2008	18,309,380.58	15,333,334	12,247,805	10,272,733	6.67	1,540,140
2009	145,275.60	119,007	95,059	83,630	6.69	12,501
2013	235,119.66 1,047,754.88	170,459 727,403	136,158 581,028	153,040 707,711	6.75 6.76	22,673 104,691
2014 2015	5,419,225.51	3,572,654	2,853,728	3,811,919	6.75	563,060
2015	1,266,529.52	782,904	625,360	932,471	6.79	137,330
2017	5,254,978.99	3,002,806	2,398,551	4,065,073	6.80	597,805
2018	235,964.07	122,024	97,469	192,767	6.81	28,306
2019	744,315.23	335,460	267,955	647,552	6.83	94,810
2020	43,817.96	16,355	13,064	40,832	6.84	5,970
2021	428,569.96	118,665	94,786	432,355	6.85	63,118
2022	121,227.58	18,780	15,001	134,109	6.87	19,521
	59,525,034.95	51,058,995	40,784,385	32,431,408		4,947,366
GIBSON	N COMMON 1-2					
	IM SURVIVOR CURV	E IOWA 45-S	30.5			
PROBAI	BLE RETIREMENT Y	EAR 5-2038	3			
NET SA	ALVAGE PERCENT	-23				
1975	1,674,331.53	1,548,401	1,335,577	723,851	10.70	67,650
1976	71,014.06	65,322	56,344	31,004	10.82	2,865
1978	22,871.10	20,807	17,947	10,184	11.05	922
1981	225,279.71	201,414	173,730	103,364	11.37	9,091
1982	159,085.50	141,324	121,899	73,776	11.48	6,426
1988	653,187.45	556,200	479,752	323,669	12.05	26,860
1992 1993	57,681.61 169,586.63	47,406 137,985	40,890 119,019	30,058 89,572	12.40 12.48	2,424 7,177
2003	37,933.97	26,688	23,020	23,639	13.26	1,783
2005	62,363.63	41,944	36,179	40,528	13.41	3,022
2007	158,623.96	101,192	87,283	107,824	13.55	7,957
2009	280,676.49	167,821	144,754	200,478	13.69	14,644
2013	63,909.25	31,792	27,422	51,186	13.96	3,667
2017	187,285.24	66,818	57,634	172,727	14.22	12,147
2018	405,876.15	126,959	109,509	389,719	14.28	27,291
2019	341,892.59	90,279	77,870	342,658	14.34	23,895

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER	N COMMON 1-2 IM SURVIVOR CURV BLE RETIREMENT Y					
	ALVAGE PERCENT					
2020	1,747,116.13	365,386	315,165	1,833,788	14.40	127,346
2021	133,210.32	19,734	17,022	146,827	14.46	10,154 46,050
2022	575,665.02	45,168	38,960	669,108	14.53	46,050
	7,027,590.34	3,802,640	3,279,976	5,363,960		401,371
	N COMMON 1-3					
	IM SURVIVOR CURV					
	BLE RETIREMENT Y ALVAGE PERCENT					
1121 2						
1975	172,500.72	159,527	144,825	67,351	10.70	6,294
1976	363,451.80	334,319	303,508	143,538	10.82	13,266
1978	949,412.91	863,724	784,122	383,656	11.05	34,720
1979	140,252.00	126,878	115,185	57,325	11.16	5,137
1980	2,028.39	1,824	1,656	839	11.27	74
1982	3,109,095.75	2,761,981	2,507,432	1,316,755	11.48	114,700
1987	9,856.98	8,459	7,679	4,445	11.96	372
1988	404,376.73	344,334	312,600	184,784	12.05 12.14	15,335
1989	154,808.15	130,744	118,694	71,720		5,908
1993 1996	944,025.22 97,083.05	768,113 76,337	697,322 69,302	463,829 50,110	12.48 12.73	37,166 3,936
1998	630,166.07	482,681	438,196	336,908	12.73	26,157
2000	69,283.03	51,473	46,729	38,489	13.04	2,952
2001	253,932.95	185,566	168,464	143,874	13.11	10,974
2002	22,039.13	15,811	14,354	12,754	13.19	967
2003	4,800,903.52	3,377,606	3,066,320	2,838,791	13.26	214,087
2004	48,103.19	33,129	30,076	29,091	13.33	2,182
2005	51,186.87	34,427	31,254	31,706	13.41	2,364
2006	14,062.60	9,223	8,373	8,924	13.48	662
2009	1,781,998.85	1,065,484	967,287	1,224,571	13.69	89,450
2011	191,611.35	105,760	96,013	139,669	13.82	10,106
2012	129.74	68	62	98	13.89	7
	114,417,645.33	56,918,339	51,672,653	89,061,051	13.96	6,379,731
2014	445,966.64	208,401	189,194	359,345	14.02	25,631
2016	20,060.20	7,969	7,235	17,439	14.15	1,232
2017	113,876,747.07	40,628,240	36,883,876	103,184,523	14.22	7,256,296
2018	9,896.36	3,096	2,811	9,362	14.28	656
2019	1,772,154.93	467,949	424,822	1,754,929	14.34	122,380
2020	938,429.93	196,260	178,172	976,096	14.40	67,784

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	N COMMON 1-3 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT.	YEAR 5-2038				
2021 2022 2023	160,027.89 2,208,033.76 427,424.94	23,707 173,246 8,869	21,522 157,279 8,052	175,312 2,558,602 517,681	14.46 14.53 14.57	12,124 176,091 35,531
	248,486,696.05	109,573,544	99,475,069	206,163,567		14,674,272
INTERI PROBAE	N COMMON 1-4 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT.	YEAR 5-2038				
1998 2000 2001 2018 2019 2020 2021 2022 2023	77,091.94 2,734.59 29,982.66 36,050.99 2,441,047.02 1,741,605.76 2,263,823.04 1,846,348.09 195,276.00 8,633,960.09	59,049 2,032 21,910 11,277 644,574 364,234 335,365 144,868 4,052	55,966 1,926 20,766 10,688 610,918 345,216 317,854 137,304 3,840	38,857 1,438 16,113 33,655 2,391,570 1,796,959 2,466,648 2,133,704 236,349 9,115,293	12.88 13.04 13.11 14.28 14.34 14.40 14.46 14.53 14.57	3,017 110 1,229 2,357 166,776 124,789 170,584 146,848 16,222
INTERI PROBAE	O COMMON 1-5 IM SURVIVOR CURV BLE RETIREMENT N ALVAGE PERCENT.	YEAR 5-2038				
1974 1975 1976 1978 1979 1980 1981 1982 1983 1986 1987	212,610.13 1,040,128.83 313,790.36 3,908,860.33 911,307.82 169,295.98 8,977.50 25,741,044.95 62,621.11 147,449.64 432,450.61 271,995.34	197,626 961,898 288,638 3,556,066 824,406 152,250 8,026 22,867,191 55,275 127,476 371,101 231,609	173,270 843,350 253,065 3,117,804 722,803 133,486 7,037 20,048,959 48,463 111,765 325,365 203,065	88,241 436,008 132,897 1,690,094 398,105 74,748 4,005 11,612,526 28,561 69,598 206,549 131,490	10.58 10.70 10.82 11.05 11.16 11.27 11.37 11.48 11.58 11.96 12.05	8,340 40,748 12,283 152,950 35,672 6,632 352 1,011,544 2,466 5,863 17,270 10,912

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
GTBSO	N COMMON 1-5					
	IM SURVIVOR CURV	E IOWA 45-S	30.5			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
1989	74,325.21	62,772	55,036	36,384	12.14	2,997
1990	168,312.73	140,918	123,551	83,474	12.23	6,825
1991	1,114,062.88	924,512	810,572	559,725	12.31	45,469
1993	1,595,925.42	1,298,536	1,138,500	824,488	12.48	66,065
1994	39,079.98	31,451	27,575	20,494	12.57	1,630
1995	674,062.73	536,376	470,271	358,826	12.65	28,366
1996	57,184.25	44,964	39,422	30,914	12.73	2,428
1997	52,973.45	41,124	36,056	29,102	12.81	2,272
1998	43,389.03	33,234	29,138	24,230	12.88	1,881
1999	131,650.52	99,378	87,130	74,800	12.96	5,772
2000	354,177.74	263,130	230,701	204,938	13.04	15,716
2001	187,147.04	136,761	119,906	110,285	13.11	8,412
2002	11,720.45	8,408	7,372	7,044	13.19	534
2003	281,243.05	197,864	173,479	172,450	13.26	13,005
2004	98,552.46	67,873	59,508	61,711	13.33	4,629
2005	218,034.62	146,645	128,572	139,611	13.41	10,411
2006	67,779.95	44,456	38,977	44,392	13.48	3,293
2007	2,297,808.93	1,465,863	1,285,205	1,541,100	13.55	113,734
2008	214,088.80	132,434	116,112	147,217	13.62	10,809
2010	10,142.67	5,837	5,118	7,358	13.76	535
2011	697,502.75	384,987	337,540	520,389	13.82	37,655
2012	480,618.16	252,691	221,548	369,612	13.89	26,610
2013	2,296,871.65	1,142,605	1,001,786	1,823,366	13.96	130,614
2014	5,267,922.90	2,461,709	2,158,319	4,321,226	14.02	308,219
2015	2,330,523.16	1,010,399	885,874	1,980,670	14.09	140,573
2016	671,817.41	266,882	233,991	592,345	14.15	41,862
2017	1,796,764.80	641,039	562,035	1,647,986	14.22	115,892
2018	6,706,001.08	2,097,646	1,839,125	6,409,256	14.28	448,827
2019	20,105,493.45	5,308,984	4,654,686	20,075,071	14.34	1,399,935
2020	25,596,529.00	5,353,179	4,693,435	26,790,296	14.40	1,860,437
2021	4,271,512.59	632,787	554,800	4,699,160	14.46	324,976
2022	9,319,603.48	731,232	641,112	10,822,000	14.53	744,804
2023	853,252.30	17,705	15,523	1,033,977	14.57	70,966
	121,306,607.24	55,625,943	48,770,409	100,436,718		7,301,185



# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	N COMMON 3-4 IM SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 5-2034				
1978	5,015,810.16	4,852,887	4,134,322	2,035,125	8.82	230,740
1979	4,125,905.57	3,974,735	3,386,197	1,688,666	8.89	189,951
1981	188,502.85	180,047	153,388	78,471	9.01	8,709
1983	16,890.67	15,986	13,619	7,157	9.12	785
1988	9,327.47	8,590	7,318	4,155	9.39	442
1992	31,467.26	28,187	24,013	14,691	9.59	1,532
2008	90,521.22	64,253	54,739	56,602	10.26	5,517
2009	250,889.14	172,991	147,376	161,217	10.30	15,652
2010 2016	50,137.28 44,612.18	33,466 21,506	28,511 18,322	33,158 36,551	10.34 10.55	3,207 3,465
2010	318,441.39	139,376	118,739	272,944	10.59	25,774
2018	173,228.07	67,271	57,310	155,760	10.62	14,667
2019	208,744.40	69,337	59,070	197,685	10.65	18,562
2021	169,142.02	32,436	27,633	180,411	10.72	16,829
2022	390,836.55	40,915	34,857	445,872	10.75	41,476
	11,084,456.23	9,701,983	8,265,414	5,368,467		577,308
GIBSON	N COMMON 4-5					
	M SURVIVOR CURVI	E IOWA 45-S	0.5			
	BLE RETIREMENT Y		:			
NET SA	ALVAGE PERCENT	-23				
1982	5,669,468.71	5,390,265	4,628,427	2,345,020	9.07	258,547
1987	11,387.44	10,549	9,058	4,949	9.34	530
1994	2,061,286.10	1,816,500	1,559,763	975,619	9.68	100,787
1995	33,036.72	28,851	24,773	15,862	9.73	1,630
2004	1,042,331.34 54,656.70	809,010	694,668	587,400	10.11 10.22	58,101
2007 2009	24,160.05	39,822 16,659	34,194 14,304	33,034 15,412	10.22	3,232 1,496
2013	78,761.92	46,334	•	57,092		5,463
2016	64,125.61	30,913	26,544	52,331	10.55	4,960
2017	16,376.31	7,168	6,155	13,988	10.59	1,321
2018	23,463.26	9,112	7,824	21,036	10.62	1,981
2020	30,590.04	8,159	7,006	30,620	10.69	2,864
2021	108,228.44	20,755	17,822	115,299	10.72	10,756
2022	436,688.31	45,715	39,254	497,873	10.75	46,314
	9,654,560.95	8,279,812	7,109,577	4,765,533		497,982

# ACCOUNT 312.00 BOILER PLANT EQUIPMENT

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROB	ON COMMON 3-5 RIM SURVIVOR CURV ABLE RETIREMENT Y SALVAGE PERCENT	EAR 5-2034	.5			
2016	41,697.85	20,101	20,385	30,904	10.55	2,929
2020	1,436,569.44	383,170	388,574	1,378,406	10.69	128,943
2021	82,697.66	15,859	16,083	85,635	10.72	7,988
2022	124,995.28	13,085	13,270	140,475	10.75	13,067
	1,685,960.23	432,215	438,311	1,635,420		152,927
	3,813,926,090.22	2,573,572,273	2,179,829,473	2,465,121,960		281,698,553
	COMPOSITE REMAIN	ING LIFE AND A	NNUAL ACCRUAL	RATE, PERCENT	8.8	7.39

ACCOUNT 312.10 BOILER PLANT EQUIPMENT - COAL CARS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIN PROBABI	COMMON 1-5 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2038	-			
1999 2007	2,831,215.36 83,169.24	1,441,435 33,919	2,058,903 48,449	64,509 13,928	10.65 13.29	6,057 1,048
	2,914,384.60	1,475,354	2,107,352	78,437		7,105

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.0 0.24

### ACCOUNT 312.20 BOILER PLANT EQUIPMENT - EDWARDSPORT IGCC

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAF (1)		CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTE:	RDSPORT IGCC RIM SURVIVOR CURVE ABLE RETIREMENT YE SALVAGE PERCENT	EAR 5-2045	L			
1999	3,278,241.22	2,471,396	2,175,856	1,462,992	7.70	189,999
2007	1,287,775.13	752,552	662,559	766,872	11.27	68,045
2013	31,705,534,530.53	725,603,975	638,833,183	1,254,310,146	14.16	88,581,225
2014	2,134,639.52	841,605	740,962	1,628,488	14.65	111,160
2015	15,539,669.09	5,614,043	4,942,692	12,306,341	15.15	812,300
2016	18,477,312.68	6,018,606	5,298,876	15,210,941	15.65	971,945
2017	6,161,935.38	1,777,309	1,564,771	5,274,977	16.15	326,624
2018	21,111,187.28	5,232,917	4,607,143	18,826,275	16.66	1,130,029
2019	20,915,808.23	4,292,507	3,779,191	19,437,356	17.15	1,133,374
2020	22,287,005.43	3,544,296	3,120,454	21,618,122	17.64	1,225,517
2021	15,028,581.10	1,650,824	1,453,411	15,228,314	18.12	840,415
2022	13,322,587.78	747,685	658,274	14,129,799	18.59	760,075
2023	993,074.97	14,374	12,655	1,089,658	18.92	57,593
	1,846,072,348.34	758,562,089	667,850,026	1,381,290,280		96,208,301

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.4 5.21

### ACCOUNT 312.30 BOILER PLANT EQUIPMENT - SCR CATALYST

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GIBSON INTERIM PROBABI		IOWA 15-S AR 5-2038	1	(3)	(0)	( ) ,
2007 2010 2012	1,990,125.69 802,434.97 448,550.97	1,728,185 612,598 307,367	1,386,489 491,475 246,595	1,061,366 495,520 305,123	5.69	240,673 87,086 46,022
	3,241,111.63	2,648,150	2,124,559	1,862,008		373,781
PROBABI	UNIT 2 1 SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	AR 5-2038				
2002 2008 2013	5,455,184.66 54,446.66 680,232.84	5,542,359 45,450 437,386	4,435,522 36,373 350,038	2,274,355 30,596 486,649	4.82	871,400 6,348 68,254
	6,189,864.16	6,025,195	4,821,933	2,791,600		946,002
PROBABI	UNIT 3 1 SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	AR 5-2034				
2002	5,652,917.01	5,743,251	4,587,536	2,365,552	2.61	906,342
	5,652,917.01	5,743,251	4,587,536	2,365,552		906,342
PROBABI	UNIT 4 1 SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	AR 5-2034				
2012	2,389,345.52	1,688,513	1,441,788	1,497,107	6.25	239,537
	2,389,345.52	1,688,513	1,441,788	1,497,107		239,537

### ACCOUNT 312.30 BOILER PLANT EQUIPMENT - SCR CATALYST

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)		
GIBSON UNIT 5 INTERIM SURVIVOR CURVE IOWA 15-S1 PROBABLE RETIREMENT YEAR 5-2030 NET SALVAGE PERCENT23								
2005	940,527.03	888,934	710,053	446,795	3.46	129,132		
2006	986,083.49	909,868	726,775	486,108	3.72	130,674		
2015	601,632.84	411,578	328,756	411,252	5.57	73,833		
	2,528,243.36	2,210,380	1,765,584	1,344,155		333,639		
	20,001,481.68	18,315,489	14,741,400	9,860,422		2,799,301		
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	3.5	14.00		

### ACCOUNT 314.00 TURBOGENERATOR UNITS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	A UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2028				
1970	7,203,006.18	7,753,335	5,594,306	2,977,271	4.54	655,787
1977	14,310.11	15,241	10,997	6,032	4.62	1,306
1978	268,962.30	285,937	206,314	113,751	4.63	24,568
1986	8,087.13	8,441	6,090	3,533	4.70	752
1987	31,519.43	32,800	23,666	13,842	4.71	2,939
1988	117,480.58	121,865	87,930	51,872	4.72	10,990
1989	126,536.51	130,821	94,392	56,186	4.73	11,879
1990	36,792.16	37,914	27,356	16,426	4.73	3,473
1991	1,416,777.39	1,454,465	1,049,448	636,517	4.74	134,286
1993	3,899,975.59	3,970,119	2,864,582	1,776,389	4.76	373,191
1995	443,432.08	447,265	322,718	204,967	4.77	42,970
1997	3,231,858.40	3,223,758	2,326,056	1,519,856	4.79	317,298
1998	19,723.93	19,561	14,114	9,358	4.79	1,954
1999	388,977.49	383,189	276,484	186,399	4.80	38,833
2000	1,401,215.46	1,370,391	988,786	678,661	4.81	141,094
2001	1,259,487.00	1,222,683	882,209	616,580	4.81	128,187
2002	43,559.68	41,925	30,250	21,586	4.82	4,478
2003	145,246.75	138,503	99,935	72,909	4.83	15,095
2005	9,568,761.12	8,933,079	6,445,534	4,941,292	4.84	1,020,928
2007	81,843.96	74,453	53,720	43,674	4.85	9,005
2008	230,645.10	206,551	149,034	125,434	4.86	25,809
2009	174,954.57	154,059	111,159	97,037	4.86	19,966
2012	280,390.29	230,609	166,393	167,272	4.88	34,277
2014	3,114,570.47	2,396,815	1,729,387	1,976,952	4.89	404,285
2015	2,962,421.57	2,184,793	1,576,406	1,948,876	4.89	398,543
2016	1,676,909.04	1,171,750	845,459	1,150,063	4.90	234,707
2017	197,082.94	129,003	93,080	141,448	4.90	28,867
2018	331,135.28	199,015	143,596	250,455	4.90	51,113
2021	1,120,311.75	385,873	278,421	1,054,750	4.91	214,817
2022	8,839,256.60	1,779,767	1,284,165	9,234,550	4.91	1,880,764
	48,635,230.86	38,503,980	27,781,988	30,093,937		6,232,161

### ACCOUNT 314.00 TURBOGENERATOR UNITS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
( 1 )	( 2 )	(3)	( 4 )	(3)	(0)	( 7 )
CAYUGA	A UNIT 2					
	IM SURVIVOR CURV		1			
	BLE RETIREMENT Y					
NET SA	ALVAGE PERCENT	-19				
1000		0 767 044			- 44	
1972	8,323,559.96	8,767,344	6,325,950	3,579,087	5.41	661,569
1977	13,395.09	13,979	10,086	5,854	5.48	1,068
1986	7,743.05	7,889	5,692	3,522	5.60	629
1987	359,734.62	365,280	263,562	164,522	5.61	29,327
1988	91,914.24	92,966	67,078	42,300	5.63	7,513
1990	404,382.20	405,794	292,795	188,420	5.65	33,349
1991	217,694.51	217,506	156,938	102,118	5.66	18,042
1993	2,381,879.18	2,357,117	1,700,744	1,133,693	5.68	199,594
1995	101,172.82	99,030	71,454	48,942	5.70	8,586
1996	1,551,426.01	1,509,395	1,089,082	757,115	5.71	132,595
1998	388,092.41	372,457	268,741	193,089	5.73	33,698
1999	413,679.90	393,996	284,282	207,997	5.74	36,236
2001	1,480,819.10	1,386,250	1,000,229	761,946	5.76	132,282
2002	1,764,895.80	1,636,097	1,180,502	919,724	5.77	159,398
2003	157,879.80	144,802	104,480	83,397	5.78	14,429
2004	227,711.12	206,438	148,952	122,024	5.79	21,075
2006	12,376,564.17	10,918,244	7,877,900	6,850,211	5.81	1,179,038
2007	19,229.93	16,698	12,048	10,835	5.82	1,862
2008	310,033.95	264,475	190,828	178,112	5.83	30,551
2009	225,347.02	188,561	136,053	132,110	5.83	22,660
2015	4,301,286.73	2,943,872	2,124,108	2,994,423	5.88	509,256
2017	517,951.48	310,517	224,049	392,313	5.89	66,607
2018	513,998.89	280,274	202,228	409,431	5.90	69,395
2019	11,921,791.98	5,732,088	4,135,905	10,051,028	5.90	1,703,564
2020	195,798.07	78,540	56,669	176,330	5.90	29,886
2021	395,606.42	119,030	85,884	384,887	5.91	65,125
2022	350,020.18	60,279	43,493	373,031	5.91	63,119
	49,013,608.63	38,888,918	28,059,734	30,266,460		5,230,453
CAYUGA	A COMMON 1-2					
INTERI	M SURVIVOR CURV	E IOWA 55-S	1			
PROBAE	BLE RETIREMENT Y	EAR 5-2029				
NET SA	ALVAGE PERCENT	-19				
1970	992,532.64	1,048,735	756,699	424,414	5.38	78,887
1972	2,942,396.94	3,099,276	2,236,238	1,265,215	5.41	233,866
1975	20,310.63	21,282	15,356	8,814	5.45	1,617
1978	31,267.76	32,556	23,490	13,718	5.50	2,494
1984	34,839.16	35,718	25,772	15,687	5.58	2,811

### ACCOUNT 314.00 TURBOGENERATOR UNITS

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
07 VIIO 7	A COMMONT 1 2					
	A COMMON 1-2 IM SURVIVOR CURV	TOWN EE C	1			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
NET DE	ADVAGE I BROBNI	17				
1986	6,769.06	6,897	4,976	3,079	5.60	550
1987	409,527.35	415,840	300,043	187,294	5.61	33,386
1988	56,207.72	56,851	41,020	25,867	5.63	4,594
1989	6,350.00	6,398	4,616	2,940	5.64	521
1990	104,188.80	104,553	75,439	48,546	5.65	8,592
1991	36,231.20	36,200	26,120	16,996	5.66	3,003
1994	88,241.42	86,863	62,675	42,333	5.69	7,440
1998	4,058.06	3,895	2,810	2,019	5.73	352
1999	100,587.48	95,801	69,124	50,575	5.74	8,811
2000	10,451,954.47	9,872,649	7,123,466	5,314,359	5.75	924,236
2001	88,253.21	82,617	59,611	45,410	5.76	7,884
2002	29,588.74	27,429	19,791	15,420	5.77	2,672
2003	114,713.90	105,212	75,914	60,595	5.78	10,484
2006	105,792.24	93,327	67,339	58,554	5.81	10,078
2008	24,319.33	20,746	14,969	13,971	5.83	2,396
2009	56,973.63	47,673	34,398	33,401	5.83	5,729
2010	88,353.47	72,287	52,158	52,983	5.84	9,072
2013	931,525.57	697,378	503,183	605,332	5.86	103,299
2014	318,157.76	228,645	164,975	213,632	5.87	36,394
2015	3,211.77	2,198	1,586	2,236	5.88	380
2016	1,069,252.98	690,627	498,312	774,099	5.88	131,649
2019	85,471.94	41,096	29,652	72,059	5.90	12,213
2020	17,583.85	7,053	5,089	15,836	5.90	2,684
2021	44,049.61	13,254	9,563	42,856	5.91	7,251
2022	345,389.69	59,482	42,918	368,095	5.91	62,283
	18,608,100.38	17,112,538	12,347,303	9,796,336		1,715,628
GIBSON	UNIT 1					
	M SURVIVOR CURV	E IOWA 55-S	1			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
1976	10,354,935.88	9,622,225	7,673,663	5,062,908	12.04	420,507
1980	27,386.41	24,931	19,882	13,803	12.36	1,117
1982	22,420.32	20,171	16,086	11,491	12.52	918
1983	19,707.30	17,624	14,055	10,185	12.59	809
1989	285,624.37	244,521	195,004	156,314	13.02	12,006
1996	7,373.12	5,872	4,683	4,386	13.48	325
1997	1,027,850.13	808,024	644,394	619,862	13.54	45,780

### ACCOUNT 314.00 TURBOGENERATOR UNITS

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER:	N UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2038				
2000 2001 2004 2005 2006 2007 2008 2010 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022	22,811.02 18,698.54 201,901.94 11,919,579.48 28,282.98 159,434.37 17,233.39 18,120,387.72 67,054.36 91,973.31 1,005,465.96 150,197.63 9,821,093.54 228,183.44 965,128.36 250,448.69 3,920,375.50 27,216.82 1,164,048.81	17,141 13,811 140,329 8,094,091 18,707 102,523 10,735 10,491,889 35,366 45,931 470,573 65,146 3,899,527 81,379 301,003 65,763 815,893 3,992 90,617	13,670 11,014 111,911 6,454,986 14,919 81,761 8,561 8,367,215 28,204 36,630 375,279 51,954 3,109,848 64,899 240,048 52,446 650,669 3,184 72,266	14,388 11,985 136,428 8,206,097 19,869 114,343 12,636 13,920,862 54,273 76,497 861,444 132,790 8,970,097 215,766 947,060 255,606 4,171,392 30,293 1,359,514	13.73 13.79 13.97 14.02 14.08 14.13 14.19 14.29 14.40 14.44 14.49 14.54 14.58 14.62 14.66 14.70 14.73	1,048 869 9,766 585,314 1,411 8,092 890 974,168 3,769 5,298 59,451 9,133 615,233 14,758 64,602 17,388 283,190 2,051 91,859
2023	58,386.24 59,983,199.63	1,191 35,508,975	950 28,318,181	70,865 45,461,155	14.82	4,782 3,234,534
INTER:	N UNIT 2 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2038				
1975 1976 1980 1982 1983 1988 1995 1996 1999 2000 2001 2003	9,020,287.83 59,299.02 27,386.41 22,420.33 18,649.73 277,879.33 60,675.81 20,415.80 40,664.56 3,569.67 8,257,258.29 31,657.20	8,420,737 55,103 24,931 20,171 16,679 239,852 48,911 16,259 31,051 2,682 6,099,138 22,490	6,696,230 43,818 19,825 16,040 13,263 190,732 38,894 12,929 24,692 2,133 4,850,078 17,884	4,398,724 29,119 13,860 11,537 9,676 151,060 35,737 12,182 25,325 2,258 5,306,350 21,054	12.04	367,786 2,419 1,121 921 769 11,665 2,663 904 1,853 164 384,797 1,514

### ACCOUNT 314.00 TURBOGENERATOR UNITS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GTBSON	N UNIT 2					
	M SURVIVOR CURV	E IOWA 55-S	1			
	BLE RETIREMENT Y					
NET SA	ALVAGE PERCENT	-23				
2004	31,872.75	22,153	17,616	21,587	13.97	1,545
2006	33,930.00	22,442	17,846	23,888	14.08	1,697
2007	17,242,977.80	11,087,993	8,817,251	12,391,612	14.13	876,972
2008	17,233.39	10,735	8,537	12,661	14.19	892
2009	141,255.77	85,003	67,595	106,150	14.24	7,454
2012	4,165,774.26	2,197,129	1,747,173	3,376,730	14.40	234,495
2013	12,621,327.78	6,302,994	5,012,186	10,512,047	14.44	727,981
2015	2,674,800.11	1,160,154	922,563	2,367,441	14.54	162,823
2017	339,397.48	121,042	96,253	321,205	14.62 14.66	21,970
2018	89,711.22	27,979 154 110	22,249	88,096 500,347		6,009
2019 2020	586,907.71 8,463.40	154,110 1,761	122,549 1,400	599,347 9,010	14.70 14.73	40,772 612
2020	1,643,514.57	241,087	191,714	1,829,809	14.73	123,887
2021	1,059,960.65	82,514	65,616	1,238,136	14.77	83,658
2022	7,828.96	160	127	9,502	14.82	641
2025	7,020.90	100	127	7,302	11.02	011
	58,505,119.83	36,515,260	29,037,195	42,924,102		3,067,984
CIRCON	N UNIT 3					
	N ONII 3 IM SURVIVOR CURV	TE TOWA 55-S	1			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
1978	14,560,586.85	14,271,561	11,514,496	6,395,026	9.47	675,293
1980	19,360.00	18,823	15,187	8,626	9.56	902
1982	29,783.76	28,699	23,155	13,479	9.65	1,397
1983	90,269.37	86,573	69,848	41,183	9.69	4,250
1988	294,342.72	274,605	221,555	140,486	9.89	14,205
1991	927,335.60	847,699	683,935	456,687	10.00	45,669
1996	5,770.74	5,050	4,074	3,024	10.18	297
2000	163,777.39	136,722	110,309	91,137	10.32	8,831
2001	75,003.34	61,748	49,819	42,435	10.35	4,100
2002	6,301,309.73 146,924.27	5,109,435	4,122,364	3,628,247 87,858	10.38	349,542
2004	•	115,093 5,511,678	92,859	4,572,226	10.44	8,416
2006 2007	7,332,621.98 163,295.63	119,851	4,446,899 96,697	104,156	10.50 10.53	435,450 9,891
2007	43,152.77	30,845	24,886	28,192	10.55	2,670
2011	20,142,594.86	13,027,396	10,510,686	14,264,705	10.65	1,339,409
2011	67,054.36	41,602	33,565	48,912	10.67	4,584
2012	125,367.10	74,068	59,759	94,442	10.70	8,826
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### ACCOUNT 314.00 TURBOGENERATOR UNITS

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
GIBSON	N UNIT 3					
	IM SURVIVOR CURV	E IOWA 55-S	1			
PROBAI	BLE RETIREMENT Y	TEAR 5-2034	•			
NET SA	ALVAGE PERCENT	-23				
2015	7,097,257.44	3,708,607	2,992,156	5,737,470	10.75	533,718
2017	198,487.02	87,058	70,240	173,899	10.79	16,117
2019	18,338.05	6,073	4,900	17,656	10.83	1,630
2021	1,107,252.95	211,806	170,888	1,191,033	10.86	109,672
2022	636,147.03	65,257	52,650	729,811	10.88	67,078
2023	668,912.46	18,479	14,909	807,853	10.88	74,251
	60,214,945.42	43,858,728	35,385,839	38,678,544		3,716,198
GIBSON	N UNIT 4					
	IM SURVIVOR CURV	E IOWA 55-S	1			
PROBAI	BLE RETIREMENT Y	EAR 5-2034	•			
NET SA	ALVAGE PERCENT	-23				
1979	13,501,632.75	13,179,820	10,680,545	5,926,463	9.52	622,528
1980	19,360.01	18,823	15,254	8,559	9.56	895
1981	1,104.19	1,069	866	492	9.60	51
1982	29,783.76	28,699	23,257	13,377	9.65	1,386
1983	15,117.28	14,498	11,749	6,845	9.69	706
1990	758,271.40	698,274	565,861	366,813	9.96	36,829
1998	79,289.76	67,890	55,016	42,510	10.25	4,147
1999	87,403.22	73,945	59,923	47,583	10.28	4,629
2000	21,419.77	17,881	14,490	11,856	10.32	1,149
2001	48,853.81	40,220	32,593	27,497	10.35	2,657
2003	4,606,700.38	3,674,161	2,977,434	2,688,808	10.41	258,291
2004	2,470.68	1,935	1,568	1,471	10.44	141
2006	79,952.27	60,097	48,701	49,640	10.50	4,728
2008	2,117,761.88	1,513,729	1,226,682	1,378,165	10.56	130,508
2009	23,485,282.52	16,303,187	13,211,631	15,675,266	10.59	1,480,195
2012	67,054.36	41,602	33,713	48,764	10.67	4,570
2013	64,297.53	37,987	30,784	48,302	10.70	4,514
2014	12,083,165.45	6,750,156	5,470,131	9,392,162	10.72	876,135
2017	919,518.21	403,306	326,828	804,180	10.79	74,530
2019	938,286.79	310,716	251,795	902,297	10.83	83,315
2021	490,690.26	93,864	76,065	527,484	10.86	48,571
2022	4,681.56	480	389	5,369	10.88	493
2023	6,016,002.27	166,197	134,681	7,265,002	10.88	667,739
	65,438,100.11	43,498,536	35,249,956	45,238,907		4,308,707

### ACCOUNT 314.00 TURBOGENERATOR UNITS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	N UNIT 5 EM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2030				
1982	14,587,708.37	15,218,793	11,059,200	6,883,681	6.41	1,073,897
1988	3,416.93	3,486	2,533	1,670	6.52	256
1990	14,529.24	14,689	10,674	7,197	6.55	1,099
1991	509,473.22	512,620	372,511	254,141	6.56	38,741
1996	3,082.95	3,008	2,186	1,606	6.64	242
1999	1,289,743.38	1,228,496	892,724	693,660	6.68	103,841
2000	828.98	782	568	451	6.69	67
2001	22,062.59	20,615	14,981	12,156	6.70	1,814
2004	2,610,761.51	2,352,713	1,709,671	1,501,566	6.74	222,784
2007	59,372.87	50,983	37,048	35,980	6.78	5,307
2008	2,636,780.92	2,220,420	1,613,536	1,629,705	6.79	240,015
2011	5,808,907.14	4,537,761	3,297,502	3,847,453	6.82	564,143
2012	1,556.37	1,177	855	1,059	6.83	155
2013	27,921.08	20,335	14,777	19,566	6.84	2,861
2015	8,454,346.80	5,585,324	4,058,746	6,340,101	6.86	924,213
2016	23,319.54	14,445	10,497	18,186	6.87	2,647
2017	177,494.19	101,520	73,773	144,545	6.88	21,009
2018	71,033.19	36,730	26,691	60,680	6.88	8,820
2019	94,654.90	42,764	31,076	85,350	6.89	12,388
2020	16,090.81	5,997	4,358	15,434	6.90	2,237
2021	132,386.26	36,592	26,591	136,244	6.90	19,746
2022	56,837.56	8,838	6,422	63,488		9,188
2023	468,425.16	20,120	14,621	561,542	6.91	81,265
	37,070,733.96	32,038,208	23,281,541	22,315,462		3,336,735
	N COMMON 1-2 IM SURVIVOR CURV	E IOWA 55-S	:1			
	BLE RETIREMENT Y					
NET SA	ALVAGE PERCENT	-23				
1975	800,987.01	747,748	579,454	405,760	11.96	33,926
1976	420,624.64	390,861	302,891	214,478	12.04	17,814
1992	49,317.22	41,077	31,832	28,828	13.22	2,181
1996	757,762.39	603,492	467,665	464,382	13.48	34,450
2000	463,269.64	348,127	269,775	300,047	13.73	21,853
2009	24,839.53	14,948	11,584	18,969	14.24	1,332
2021	725,453.31	106,417	82,466	809,842	14.77	54,830
	3,242,253.74	2,252,670	1,745,666	2,242,306		166,386

### ACCOUNT 314.00 TURBOGENERATOR UNITS

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CIDCON	COMMON 1 4					
	COMMON 1-4 M SURVIVOR CURVI	E TOWN EF C	1			
	LE RETIREMENT Y					
NEI SA.	LVAGE PERCENT	-23				
2019	345,288.33	90,666	79,070	345,634	14.70	23,513
2020	348,348.26	72,497	63,225	365,243	14.73	24,796
2021	425,069.99	62,353	54,378	468,458	14.77	31,717
2022	362,945.88	28,254	24,640	421,783	14.80	28,499
2023	38,476.13	785	685	46,641	14.82	3,147
	, , , , , , ,			, ,		- ,
	1,520,128.59	254,555	221,999	1,647,759		111,672
	COMMON 1-5					
INTERI	M SURVIVOR CURV	E IOWA 55-S	1			
PROBAB:	LE RETIREMENT Y	EAR 5-2038				
NET SA	LVAGE PERCENT	-23				
1975	134,608.76	125,662	99,778	65,791	11.96	5,501
1976	78,413.03	72,865	57,856	38,592	12.04	3,205
1977	15,864.58	14,671	11,649	7,864	12.12	649
1978	300,201.43	276,231	219,333	149,915	12.20	12,288
1979	685,143.83	627,132	497,955	344,772	12.28	28,076
1982	168,771.13	151,841	120,565	87,024	12.52	6,951
1983	26,098.55	23,340	18,532	13,569	12.52	1,078
1986	49,386.63	43,279	34,364	26,381	12.81	2,059
1987	25,298.94	22,007	17,474	13,644	12.88	1,059
1988	18,840.56	16,262	12,912	10,262	12.95	792
2001	15,445.53	11,409	9,059	9,939	13.79	721
2001	3,648.23	2,413	1,916	2,571	14.08	183
2009	39,352.18	23,681	18,803	29,600	14.24	2,079
2012	129,326.57	68,210	54,160	104,912	14.40	7,286
2012	50,417.76	25,178	19,992	42,022	14.44	2,910
2013	98,572.20	46,133	36,630	84,613	14.49	5,839
2017	206,583.74	73,676	58,500	195,598	14.62	13,379
2017	102,599.89	26,941	21,392	104,806	14.70	7,130
2019	18,822.87	3,917	3,110	20,042	14.73	1,361
2020	4,412,133.65	343,470	272,722	5,154,203	14.73	348,257
∠ ∪ ∠ ∠	1,114,133.03	J=J,=/U	414,144	J, 1J4, 2U3	T4.00	540,237
	6,579,530.06	1,998,318	1,586,703	6,506,119		450,803

### ACCOUNT 314.00 TURBOGENERATOR UNITS

YEAR		CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)		ANNUAL ACCRUAL (7)
INTER PROBA	N COMMON 3-4 IM SURVIVOR CURV BLE RETIREMENT V ALVAGE PERCENT	YEAR 5-2034				
1978 1979 2021	53,801.85 77,542.00 303,151.11	52,734 75,694 57,990	43,370 62,253 47,692	22,806 33,124 325,183	9.52	2,408 3,479 29,943
	434,494.96	186,418	153,315	381,114		35,830
INTER PROBA	N COMMON 3-5 IM SURVIVOR CURV BLE RETIREMENT V ALVAGE PERCENT	YEAR 5-2034				
1978 1979 1997 2021	390,453.10 487,657.16 1,327,985.05 530,000.95	382,703 476,034 1,149,831 101,384	301,527 375,062 905,938 79,879	178,730 224,757 727,483 572,022	9.52	18,873 23,609 71,182 52,672
	2,736,096.26	2,109,952	1,662,406	1,702,992		166,336
	411,981,542.43	292,727,056	224,831,826	277,255,193		31,773,427
	COMPOSITE REMAIN	NING LIFE AND	ANNUAL ACCRUAL	RATE, PERCEN	r 8.7	7.71

### ACCOUNT 314.20 TURBOGENERATOR UNITS - EDWARDSPORT IGCC

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	DSPORT IGCC IM SURVIVOR CURV BLE RETIREMENT V ALVAGE PERCENT.	YEAR 5-2045				
2013	456,594,392.39	257,393,491	166,572,284	340,247,492	6.89	49,382,800
2014		16,127,102	10,436,659	23,876,323	7.42	3,217,833
2015	139,434.31	66,662	43,140	111,632	7.97	14,007
2016	52,474,093.55	22,632,743	14,646,787	43,599,457	8.56	5,093,395
2017	129,850.41	49,520	32,047	112,087	9.19	12,197
2018	34,476,166.50	11,316,391	7,323,406	30,945,139	9.86	3,138,452
2019	54,501.22	14,789	9,571	50,926	10.57	4,818
2020	10,096,908.03	2,134,033	1,381,040	9,826,528	11.31	868,835
2021	2,183,376.02	320,126	207,170	2,216,378	12.09	183,323
2022	2,305,360.94	177,105	114,614	2,444,337	12.91	189,337
2023	85,700.64	1,724	1,116	94,012	13.55	6,938
	589,452,381.16	310,233,686	200,767,833	453,524,310		62,111,935

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 7.3 10.54

ACCOUNT 314.30 PIME MOVERS - EDWARDSPORT IGGC

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
INTERI	OSPORT IGCC M SURVIVOR CURVI BLE RETIREMENT YI LLVAGE PERCENT	EAR 5-2045				
2020	90,429,353.73	13,177,438	30,820,297	69,556,286	19.72	3,527,195
	90,429,353.73	13,177,438	30,820,297	69,556,286		3,527,195
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	19.7	3.90

### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
03371107						
	A UNIT 1 IM SURVIVOR CURVI	z towa 70-r	1.5			
	BLE RETIREMENT Y					
NET SA	ALVAGE PERCENT	-19				
1970	3,387,161.31	3,652,640	2,701,480	1,329,242	4.75	279,840
1972	4,143.96	4,454	3,294	1,637	4.77	343
1975	1,083.16	1,151	856	433	4.78	91
1976	274,421.38	292,935	216,654	109,908	4.78	22,993
1980	130,717.34	138,357	102,328	53,225	4.80	11,089
1981	8,565.51	9,043	6,688	3,505	4.81	729
1983	11,228.61	11,797	8,725	4,637	4.81	964
1987	27,696.07	28,753	21,266	11,693	4.83	2,421
1988	28,002.63	28,977	21,431	11,892	4.83	2,462
1989	560.17	578	427	239	4.83	49
1991	33,760.13	34,542	25,547	14,627	4.84	3,022
1994	13,325.95	13,456	9,952	5,906	4.84	1,220
1998	63,208.11	62,391	46,144	29,073	4.85	5,994
1999	325,217.52	318,880	235,843	151,166	4.85	31,168
2002	475,308.81	455,000	336,516	229,101	4.86	47,140
2003	288,696.50	273,805	202,505	141,044	4.86	29,021
2005	19,028.09	17,666	13,066	9,578	4.86	1,971
2011	20,652.82	17,323	12,812	11,765	4.87	2,416
2013	193,437.79	153,408	113,460	116,731	4.87	23,969
2014	205,717.37	157,220	116,279	128,524	4.88	26,337
2015	1,229,400.13	899,941	665,593	797,393	4.88	163,400
2016	72,980.26	50,685	37,486	49,360	4.88	10,115
2018	595,379.07	354,973	262,537	445,964	4.88	91,386
2019	25,892.09	13,744	10,165	20,647	4.88	4,231
2020	197,937.96	88,744	65,635	169,911	4.88	34,818
2021	714,002.35	244,355	180,724	668,939	4.88	137,078
2022	2,112,650.05	423,995	313,585	2,200,468	4.88	450,916
	10,460,175.14	7,748,820	5,731,001	6,716,607		1,385,183
CAYUGA	A UNIT 2					
	M SURVIVOR CURVI	E IOWA 70-R	1.5			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
1972	2,684,989.97	2,830,605	2,102,184	1,092,954	5.70	191,746
1976	216,603.58	226,482	168,200	89,559	5.72	15,657
1981	61,731.62	63,732	47,331	26,129	5.75	4,544
1983	5,400.04	5,542	4,116	2,310	5.76	401
	-, 200.01	5,512	-,3	2,020		131

### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CAYUGA	UNIT 2					
INTERI	M SURVIVOR CURV	E IOWA 70-R	1.5			
PROBAB:	LE RETIREMENT Y	EAR 5-2029				
NET SA	LVAGE PERCENT	-19				
1984	3,743.40	3,829	2,844	1,611	5.77	279
1986	5,768.38	5,859	4,351	2,513	5.78	435
1988	4,602.22	4,639	3,445	2,031	5.79	351
1989	19,159.68	19,235	14,285	8,515	5.79	1,471
1991	33,760.13	33,585	24,942	15,232	5.80	2,626
1998	71,208.69	67,924	50,445	34,294	5.82	5,892
2010	163,018.77	132,248	98,216	95,777	5.85	16,372
2010	20,344.51	15,102	11,216	12,994	5.85	2,221
2013	297,389.09	211,851	157,334	196,559	5.86	33,542
2014	1,954,189.13	1,326,410	985,075	1,340,410	5.86	228,739
2017	88,731.23	52,795	39,209	66,381	5.86	11,328
2017	275,999.86	131,645	97,768	230,672	5.86	39,364
2015	2,488,688.12	741,332	550,559	2,410,979	5.87	410,729
2021	289,612.12	49,307	36,618	308,020	5.87	52,474
2022	200,012.12	47,307	30,010	300,020	3.07	32,111
	8,684,940.54	5,922,122	4,398,138	5,936,941		1,018,171
CAVIIGA	COMMON 1-2					
	M SURVIVOR CURV	e towa 70-r	1 5			
	LE RETIREMENT Y					
	LVAGE PERCENT					
1970	520,508.99	550,837	408,220	211,186	5.68	37,181
1972	277,142.62	292,173	216,526	113,273	5.70	19,872
1972 1975	277,142.62 7,879.28	292,173 8,256	216,526 6,118	113,273 3,258	5.70 5.72	19,872 570
1972 1975 1980	277,142.62 7,879.28 25,863.64	292,173 8,256 26,772	216,526 6,118 19,840	113,273 3,258 10,937	5.70 5.72 5.75	19,872 570 1,902
1972 1975 1980 1981	277,142.62 7,879.28 25,863.64 95,702.49	292,173 8,256 26,772 98,804	216,526 6,118 19,840 73,223	113,273 3,258 10,937 40,663	5.70 5.72 5.75 5.75	19,872 570 1,902 7,072
1972 1975 1980 1981 1988	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38	292,173 8,256 26,772 98,804 7,595	216,526 6,118 19,840 73,223 5,629	113,273 3,258 10,937 40,663 3,339	5.70 5.72 5.75 5.75 5.79	19,872 570 1,902 7,072 577
1972 1975 1980 1981 1988 1990	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38 21,341.86	292,173 8,256 26,772 98,804 7,595 21,328	216,526 6,118 19,840 73,223 5,629 15,806	113,273 3,258 10,937 40,663 3,339 9,591	5.70 5.72 5.75 5.75 5.79 5.80	19,872 570 1,902 7,072 577 1,654
1972 1975 1980 1981 1988 1990	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38 21,341.86 78,588.89	292,173 8,256 26,772 98,804 7,595 21,328 76,960	216,526 6,118 19,840 73,223 5,629 15,806 57,034	113,273 3,258 10,937 40,663 3,339 9,591 36,487	5.70 5.72 5.75 5.75 5.79 5.80 5.81	19,872 570 1,902 7,072 577 1,654 6,280
1972 1975 1980 1981 1988 1990 1994 2007	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38 21,341.86 78,588.89 185,112.94	292,173 8,256 26,772 98,804 7,595 21,328 76,960 159,545	216,526 6,118 19,840 73,223 5,629 15,806 57,034 118,237	113,273 3,258 10,937 40,663 3,339 9,591 36,487 102,047	5.70 5.72 5.75 5.75 5.79 5.80 5.81 5.84	19,872 570 1,902 7,072 577 1,654 6,280 17,474
1972 1975 1980 1981 1988 1990 1994 2007 2008	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38 21,341.86 78,588.89 185,112.94 67,044.03	292,173 8,256 26,772 98,804 7,595 21,328 76,960 159,545 56,734	216,526 6,118 19,840 73,223 5,629 15,806 57,034 118,237 42,045	113,273 3,258 10,937 40,663 3,339 9,591 36,487 102,047 37,737	5.70 5.72 5.75 5.75 5.79 5.80 5.81 5.84 5.85	19,872 570 1,902 7,072 577 1,654 6,280 17,474 6,451
1972 1975 1980 1981 1988 1990 1994 2007 2008 2010	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38 21,341.86 78,588.89 185,112.94 67,044.03 7,610.84	292,173 8,256 26,772 98,804 7,595 21,328 76,960 159,545 56,734 6,174	216,526 6,118 19,840 73,223 5,629 15,806 57,034 118,237 42,045 4,575	113,273 3,258 10,937 40,663 3,339 9,591 36,487 102,047 37,737 4,481	5.70 5.72 5.75 5.75 5.79 5.80 5.81 5.84 5.85	19,872 570 1,902 7,072 577 1,654 6,280 17,474 6,451 766
1972 1975 1980 1981 1988 1990 1994 2007 2008 2010 2013	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38 21,341.86 78,588.89 185,112.94 67,044.03 7,610.84 45,735.68	292,173 8,256 26,772 98,804 7,595 21,328 76,960 159,545 56,734 6,174 33,950	216,526 6,118 19,840 73,223 5,629 15,806 57,034 118,237 42,045 4,575 25,160	113,273 3,258 10,937 40,663 3,339 9,591 36,487 102,047 37,737 4,481 29,265	5.70 5.72 5.75 5.75 5.79 5.80 5.81 5.84 5.85 5.85	19,872 570 1,902 7,072 577 1,654 6,280 17,474 6,451 766 5,003
1972 1975 1980 1981 1988 1990 1994 2007 2008 2010 2013 2014	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38 21,341.86 78,588.89 185,112.94 67,044.03 7,610.84 45,735.68 129,798.25	292,173 8,256 26,772 98,804 7,595 21,328 76,960 159,545 56,734 6,174 33,950 92,464	216,526 6,118 19,840 73,223 5,629 15,806 57,034 118,237 42,045 4,575 25,160 68,524	113,273 3,258 10,937 40,663 3,339 9,591 36,487 102,047 37,737 4,481 29,265 85,936	5.70 5.72 5.75 5.75 5.79 5.80 5.81 5.84 5.85 5.85 5.85	19,872 570 1,902 7,072 577 1,654 6,280 17,474 6,451 766 5,003 14,665
1972 1975 1980 1981 1988 1990 1994 2007 2008 2010 2013 2014 2015	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38 21,341.86 78,588.89 185,112.94 67,044.03 7,610.84 45,735.68 129,798.25 241,726.19	292,173 8,256 26,772 98,804 7,595 21,328 76,960 159,545 56,734 6,174 33,950 92,464 164,072	216,526 6,118 19,840 73,223 5,629 15,806 57,034 118,237 42,045 4,575 25,160 68,524 121,592	113,273 3,258 10,937 40,663 3,339 9,591 36,487 102,047 37,737 4,481 29,265 85,936 166,062	5.70 5.72 5.75 5.75 5.79 5.80 5.81 5.84 5.85 5.85 5.85 5.86 5.86	19,872 570 1,902 7,072 577 1,654 6,280 17,474 6,451 766 5,003 14,665 28,338
1972 1975 1980 1981 1988 1990 1994 2007 2008 2010 2013 2014	277,142.62 7,879.28 25,863.64 95,702.49 7,535.38 21,341.86 78,588.89 185,112.94 67,044.03 7,610.84 45,735.68 129,798.25	292,173 8,256 26,772 98,804 7,595 21,328 76,960 159,545 56,734 6,174 33,950 92,464	216,526 6,118 19,840 73,223 5,629 15,806 57,034 118,237 42,045 4,575 25,160 68,524	113,273 3,258 10,937 40,663 3,339 9,591 36,487 102,047 37,737 4,481 29,265 85,936	5.70 5.72 5.75 5.75 5.79 5.80 5.81 5.84 5.85 5.85 5.85	19,872 570 1,902 7,072 577 1,654 6,280 17,474 6,451 766 5,003 14,665

### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK		REM.	ANNUAL
YEAR (1)	COST (2)	ACCRUED (3)	RESERVE (4)	ACCRUALS (5)	LIFE (6)	ACCRUAL (7)
		(3)	( 1 )	(3)	(0)	( / )
	COMMON 1-2					
	M SURVIVOR CURVI LE RETIREMENT YI					
	LE RETTREMENT YI LVAGE PERCENT		,			
1111 011		10				
2020	393,379.54	156,217	115,771	352,351	5.87	60,026
2021	340,894.98	101,546	75,255	330,410 62,261	5.87	56,288
2022	58,525.74	9,964	7,384	62,261	5.87	10,607
	3,993,948.68	2,573,874	1,907,471	2,845,328		487,361
CAYUGA	INLAND CONTAIN	ΞR				
	M SURVIVOR CURVI		21.5			
	LE RETIREMENT Y		)			
NET SA	LVAGE PERCENT	-19				
1975	224,944.33	235,690	175,445	92,239	5 72	16,126
2003	8,006.03	7,292	5,428	4,099		703
	,	•	,	•		
	232,950.36	242,982	180,873	96,338		16,829
~== ~~	1					
	UNIT 1 M SURVIVOR CURVI	z T∩W7 70_B	01 5			
	LE RETIREMENT Y					
	LVAGE PERCENT					
1976	5,821,225.16		4,559,574	2,600,533		191,075
1981 1982	5,394.63 9,151.92	4,803	4,109 6,925	2,527 4,332	13.80 13.84	183 313
1982	37,551.56		28,220	17,968		
1987			25,497	17,481		1,249
1988	18,742.35	15,855	13,563	9,490		676
1989	11,206.14	9,397	8,039	5,745		409
1990	27,074.05	22,495	19,243	14,058		998
1992	288,517.93	235,032	201,057	153,820	14.14	10,878
1999	76,260.05			45,234		
2005	106,960.49	70,648	60,436	71,126	14.39	4,943
2007	172,301.63	107,735	92,161	119,770	14.42	8,306
2008	5,379.72	3,260	2,789	3,828	14.43	265
2010	119,553.58	67,292	57,565	89,486	14.46	6,189
2012	74,340.65	38,157	32,641	58,798	14.48	4,061
2014	644,449.35	293,598	251,157	541,515	14.50	37,346
2015	132,912.03	56,120	48,008	115,474	14.52	7,953

### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	N UNIT 1 EM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2038				
2016 2019 2023	8,998,151.76 76,723.41 11,832.66	3,475,045 19,613 235	2,972,713 16,778 201	8,095,013 77,592 14,353	14.53 14.56 14.60	557,124 5,329 983
	16,672,669.78	9,877,001	8,449,241	12,058,143		842,740
INTERI PROBAE	UNIT 2 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2038				
1975	6,889,179.22	6,341,117	5,385,487	3,088,204	13.56	227,744
1976	13,494.14	12,356	10,494	6,104	13.61	448
1980	10,674.62	9,560	8,119	5,011	13.77	364
1981	5,394.64	4,803	4,079	2,556	13.80	185
1982	50,029.53	44,251	37,582	23,954	13.84	1,731
1983	17,675.73	15,528	13,188	8,553	13.88	616
1987	6,784.69	5,788	4,916	3,429	14.00	245
1988	15,628.69	13,221	11,229	7,995	14.03	570
1989	11,206.15	9,397	7,981	5,803	14.06	413
1990	75,593.30	62,808	53,343	39,637	14.09	2,813
1992	57,245.43	46,633	39,605	30,807	14.14	2,179
1993	2,297,930.62	1,852,204	1,573,070	1,253,385	14.16	88,516
1997	137,530.39	105,474	89,579	79,584	14.25	5,585
2001	23,039.20	16,583	14,084	14,254	14.32	995
2007	341,325.65	213,421	181,258	238,573	14.42	16,545
2008	1,220.44	739	628	874	14.43	61
2011	5,771,183.34	3,111,155	2,642,292	4,456,263	14.47	307,966
2015	465,035.14	196,354	166,763	405,231	14.52	27,908
2016	36,845.25	14,229	12,085	33,235	14.53	2,287
2017	1,862,960.65	646,141	548,765	1,742,676	14.54	119,854
2019	3,298,944.57	843,312	716,222	3,341,480	14.56	229,497
2021	245,224.87	35,097	29,808	271,819	14.58	18,643
2023	16,077.87	320	272	19,504	14.60	1,336
	21,650,224.13	13,600,491	11,550,846	15,078,930		1,056,501

### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CIBCON	UNIT 3					
	M SURVIVOR CURV	F TOWA 70-R	1 5			
	BLE RETIREMENT Y					
	LVAGE PERCENT					
1121 51	Evilor Friedrit.	23				
1978	12,407,703.78	12,077,169	9,852,883	5,408,593	10.28	526,128
1980	7,123.18	6,872	5,606	3,155	10.32	306
1988	51,104.32	47,155	38,470	24,388	10.46	2,332
1989	26,429.23	24,223	19,762	12,746	10.47	1,217
1993	18,541.54	16,461	13,429	9,377	10.53	891
2002	4,085.83	3,259	2,659	2,367	10.62	223
2004	15,827.52	12,191	9,946	9,522	10.63	896
2007	47,682.53	34,379	28,047	30,602	10.66	2,871
2008	114,341.97	80,310	65,519	75,122	10.66	7,047
2010	104,517.44	68,940	56,243	72,313	10.68	6,771
2012	70,709.66	43,076	35,143	51,830	10.69	4,848
2015	1,381,436.58	709,062	578,472	1,120,695	10.71	104,640
2017	1,009,009.23	434,751	354,682	886,400	10.72	82,687
2019	8,914.84	2,907	2,372	8,594	10.73	801
2021	308,366.38	58,031	47,343	331,947	10.74	30,908
2022	518,483.58	52,779	43,059	594,676	10.75	55,319
2023	189,454.10	5,089	4,152	228,877	10.75	21,291
	16,283,731.71	13 676 654	11 157 786	8,871,204		849,176
	10,203,731.71	13,070,034	11,137,700	0,071,204		049,170
CIDCON	UNIT 4					
	M SURVIVOR CURV	F T∩W7 70_P	1 5			
	BLE RETIREMENT Y					
	LVAGE PERCENT					
NHI DI	LL VIIOL I LICCLIVI	23				
1979	7,511,116.05	7,279,427	5,993,121	3,245,552	10.30	315,102
1980	7,123.18	6,872	5,658	3,104	10.32	301
1981	100,522.24	96,521	79,465	44,177	10.34	4,272
1982	5,451.62	5,209	4,289	2,417	10.36	233
1983	708.65	674	555	317	10.38	31
1987	17,482.97	16,240	13,370	8,134	10.44	779
1988	15,628.69	14,421	11,873	7,351	10.46	703
1989	30,326.09	27,794	22,883	14,418	10.47	1,377
1994	10,822.32	9,523	7,840	5,471	10.54	519
2006	44,962.82	33,212	27,343	27,961	10.65	2,625
2008	141,465.66	99,361	81,803	92,199	10.66	8,649
2010	5,944.23	3,921	3,228	4,083	10.68	382
2013	126,156.94	73,180	60,249	94,924	10.70	8,871
2014	1,851,461.26	1,016,062	836,519	1,440,778	10.70	134,652
2015	308,571.21	158,383	130,396	249,147	10.71	23,263

### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI	UNIT 4 M SURVIVOR CURV					
	BLE RETIREMENT Y LVAGE PERCENT					
2016	122,104.52	57,956	47,715	102,474	10.71 10.72	9,568
2017 2019	1,372,362.56 37,673.84	591,308	486,821	1,201,185 36,226		112,051 3,376
2019	540,469.46	12,283 55,017	10,113 45,295	619,482	10.73 10.75	57,626
2022	416,356.46	11,185	9,209	502,910	10.75	46,782
	12,666,710.77	9,568,549	7,877,745	7,702,309		731,162
GIBSON	UNIT 5					
	M SURVIVOR CURV					
	BLE RETIREMENT Y					
NET SA	LVAGE PERCENT	-23				
1982	10,713,729.32	11,144,407	8,324,566	4,853,321	6.70	724,376
1987	2,549.12	2,601	1,943	1,193	6.73	177
1990	1,286.67	1,294	967	616	6.75	91
1992	13,178.95	13,111	9,794	6,417	6.76	949
1998	18,514.70	17,655	13,188	9,585	6.79	1,412
2001	12,730.86	11,794	8,810	6,849	6.80	1,007
2008	148,109.11	123,514	92,262	89,913	6.82	13,184
2014	71,938.70	49,620	37,065	51,420	6.83	7,529
2015	4,082,374.77	2,668,882	1,993,581	3,027,739	6.84	442,652
2017	244,969.53	138,776	103,662	197,651	6.84	28,896
2018	177,948.47	91,136	68,076	150,801	6.84	22,047
2019	257,914.99	115,385	86,189	231,046	6.84	33,779
2021	2,755.66	754	563	2,826	6.85	413
2022	32,473.20	4,999	3,734	36,208		5,286
2023	895.04	39	29	1,072	6.85	156
	15,781,369.09	14,383,967	10,744,428	8,666,656		1,281,954
INTERI PROBAB	I 4 FLUE GAS M SURVIVOR CURV BLE RETIREMENT Y LVAGE PERCENT	EAR 5-2034				
1994 1995	8,232,762.50 66,502.08	7,244,050 57,958	5,848,855 46,795	4,277,443 35,002	10.54 10.55	405,830 3,318
	8,299,264.58	7,302,008	5,895,650	4,312,445		409,148

### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	5 FLUE GAS M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2030				
1982	1,979,877.27	2,059,466	1,541,006	894,243	6.70	133,469
1994		113,437	84,880	57,106		8,435
2015		28,377	21,233	32,156	6.84	4,701
	2,138,719.25	2,201,280	1,647,119	983,506		146,605
INTERI PROBAB	COMMON 1-2 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2038				
1975	43,519.27	40,057	35,478	18,051	13.56	1,331
1976	2,248.00	2,058	1,823	942		69
	11,360.24		4,885			
2020				219,253		
			28,229			33,449
	34,260.51	681	603	41,537		2,845
	719,765.30	122,421	108,426	776,885		53,369
GIBSON	COMMON 1-3					
	M SURVIVOR CURV	E IOWA 70-R	1.5			
	LE RETIREMENT Y					
	LVAGE PERCENT					
1966	1,666.60	1,595	1,325	725	13.10	55
1975	19,952.76	18,365	15,253	9,289		685
1978	14,950.31	13,545	11,249	7,139		521
1980	515.87	462	384	251		18
1982	295,309.55	261,199	216,932	146,299	13.84	10,571
1983	41,921.87	36,828	30,587	20,977	13.88	1,511
1988	327,294.85	276,865	229,943	172,629	14.03	12,304
1992	260,231.93	211,989	176,062	144,023	14.14	10,186
1995	76,908.53	60,573	50,307	44,290	14.20	3,119
2001	10,499.06	7,557	6,276	6,638	14.32	464
2016	57,899.53	22,361	18,571	52,645	14.53	3,623
2017	52,647.43	18,260	15,165	49,591	14.54	3,411
	1,159,798.29	929,599	772,055	654,497		46,468

### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CIDCON	I COMMON 1-4					
	M SURVIVOR CURV		1 [			
	BLE RETIREMENT Y					
	LVAGE PERCENT		•			
NEI SE	MIVAGE PERCENI	-23				
1991	78,568.16	64,668	53,128	43,511	14.11	3,084
	,	,		,		-,
	78,568.16	64,668	53,128	43,511		3,084
GTBSON	I COMMON 1-5					
	M SURVIVOR CURV	E TOWA 70-R	1.5			
	BLE RETIREMENT Y					
	LVAGE PERCENT					
1941	88,792.64	91,244	77,330	31,885	11.13	2,865
1967	11,049.10	10,531	8,925	4,665	13.16	354
1968	11,634.53	11,047	9,362	4,948	13.21	375
1975	278,144.58	256,017	216,977	125,141	13.56	9,229
1976	5,349.60	4,898	4,151	2,429	13.61	178
1978	1,672,908.68	1,515,644	1,284,525	773,152	13.69	56,476
1982	2,394,881.01	2,118,255	1,795,245	1,150,459	13.84	83,126
1983	992.00	871	738	482	13.88	35
1987	95,642.11	81,586	69,145	48,495	14.00	3,464
1988	107,316.88	90,782	76,939	55,061	14.03	3,925
1989	27,872.58	23,373	19,809	14,474	14.06	1,029
1994	74,381.52	59,281	50,241	41,248	14.18	2,909
2001	22,360.40	16,094	13,640	13,863	14.32	968
2003	1,882,090.57	1,301,778	1,103,271	1,211,700	14.36	84,380
2004	24,316.96	16,457	13,947	15,962	14.37	1,111
2008	198,059.17	120,009	101,709	141,904	14.43	9,834
2011	223,557.19	120,516	102,139	172,837	14.47	11,945
2012	12,465.48	6,398	5,422	9,910	14.48	684
2014	65,169.54	29,690	25,163	54,996	14.50	3,793
2018	388,564.63	117,997	100,004	377,931	14.55	25,975
2020	226,824.42	45,911	38,910	240,084	14.57	16,478
2021	3,455,084.67	494,501	419,095	3,830,659	14.58	262,734
2022	4,269,088.09	324,195	274,759	4,976,219	14.59	341,071
	15 526 546 25	6 055 055	E 011 440	12 000 501		000 000
	15,536,546.35	6,857,075	5,811,448	13,298,504		922,938

### ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	COST		ALLOC. BOOK RESERVE (4)	ACCRUALS			
INTER PROBA	N COMMON 3-4 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2034					
1978 1982 2012 2018 2019	897.30 31,852.13 119,570.28	857 19,404 45,588 40,872	17,218 40,452 36,268		10.36 10.69 10.73 10.73	1,123 33 2,054 9,937 10,990	
INTER PROBA	N COMMON 4-5 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2034					
1982	331,977.09	317,200	254,965	153,367	10.36	14,804	
	331,977.09	317,200	254,965	153,367		14,804	
INTER PROBA	GIBSON COMMON 3-5 INTERIM SURVIVOR CURVE IOWA 70-R1.5 PROBABLE RETIREMENT YEAR 5-2034 NET SALVAGE PERCENT23						
2021	247,472.24	46,572	44,912	259,479	10.74	24,160	
	247,472.24	46,572	44,912	259,479		24,160	
	135,248,027.37	95,572,681	76,707,152	88,713,041		9,313,790	
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCEN	г 9.5	6.89	

ACCOUNT 315.20 ACCESSORY ELECTRIC EQUIPMENT - EDWARDSPORT IGCC

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	SPORT IGCC		-			
	M SURVIVOR CURV BLE RETIREMENT Y		<del>-</del>			
-	LVAGE PERCENT					
2012	27 766 700 04	12 454 262	10 016 007	21 004 750	10.00	1 622 540
2013	37,766,708.94	13,474,263	10,916,297	31,004,750	18.98	1,633,548
2014	259,247.46	85,708	69,437	218,328	19.19	11,377
2015	633,169.98	191,848	155,427	547,391	19.39	28,231
2016	332,048.80	90,938	73,674	294,900	19.57	15,069
2018	1,089,406.12	227,748	184,512	1,024,729	19.91	51,468
2019	31,846.52	5,530	4,480	30,869	20.06	1,539
2020	4,098,101.57	553,555	448,468	4,100,425	20.21	202,891
2022	143,829.25	7,084	5,739	153,911	20.46	7,523
	44,354,358.64	14,636,674	11,858,035	37,375,303		1,951,646

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 19.2 4.40

### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBAB:	VILLE M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2035	1			
2022	29,251.32	2,578	1,875	32,349	11.54	2,803
	29,251.32	2,578	1,875	32,349		2,803
INTERI PROBAB	UNIT 1 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2028	1			
1970 1991 1992 1993 1996 1999 2001 2002 2003 2005 2007 2011 2015 2018 2021 2023	99,668.46 3,280,039.29 859,023.23 910,963.24 25,755.51 130,453.86 138,842.96 70,819.09 58,974.00 487,877.76 765.88 438,852.67 282,857.47 2,057,815.56 7,957.94 1,535.02	106,616 3,334,388 869,444 918,068 25,557 127,052 133,229 67,357 55,573 450,114 688 365,726 206,060 1,220,605 2,716 86 7,883,279	79,491 2,486,055 648,240 684,494 19,055 94,727 99,333 50,220 41,434 335,596 513 272,678 153,634 910,059 2,025 64 5,877,619	39,115 1,417,192 373,997 399,553 11,594 60,513 65,890 34,055 28,745 244,978 398 249,557 182,966 1,538,741 7,445 1,763	4.63 4.77 4.78 4.80 4.81 4.81 4.82 4.82 4.82 4.83 4.84 4.85 4.85 4.86	8,448 297,105 78,242 83,588 2,415 12,581 13,699 7,065 5,964 50,825 82 51,561 37,803 317,266 1,535 363
INTERI PROBAB	UNIT 2 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 55-R EAR 5-2029				
1972 1991 1992 1993 1996 1999 2001	108,296.04 3,014,272.34 1,212,844.27 911,331.91 25,755.51 33,539.84 288,299.85	113,169 2,974,865 1,191,056 890,514 24,722 31,491 266,094	84,377 2,218,002 888,028 663,950 18,432 23,479 198,395	44,496 1,368,982 555,256 420,535 12,217 16,433 144,682	5.52 5.71 5.72 5.72 5.74 5.76	8,061 239,752 97,073 73,520 2,128 2,853 25,118

### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
		(3)	( - /	(3)	(0)	( , ,
	UNIT 2		-			
	M SURVIVOR CURV					
	LE RETIREMENT Y					
NET SA	LVAGE PERCENT	-19				
2002	86,102.12	78,661	58,648	43,813	5.77	7,593
2002	41,538.17	36,624		22,124	5.78	3,828
2005	360,252.69	313,183	27,306 233,503	195,124	5.78	33,771
2007	3,844.65	3, 289	2,452	2,123	5.78	33,771
2011	434,816.40	341,412	254,550	262,881		45,324
2011	363,211.28	244,957	182,635	249,586		42,958
2013	157,978.82	84,872	63,279	124,716	5.82	
2016	157,970.02	04,0/2	03,219	124,/10	3.0∠	21,429
	7,042,083.89	6,594,909	4,917,037	3,463,043		603,775
CAYUGA	COMMON 1-2					
	M SURVIVOR CURV	E IOWA 55-R	1			
	LE RETIREMENT Y					
	LVAGE PERCENT					
1121 211						
1937	681.98	744	555	257	4.52	57
1939	43.80	48	36	16	4.63	3
1940	275.44	300	224	104	4.68	22
1944	288.53	312	233	111	4.86	23
1946	603.28	652	486	232	4.94	47
1948	1,469.88	1,585	1,182	567	5.01	113
1949	1,072.23	1,155	861	415	5.04	82
1950	342.17	368	274	133	5.07	26
1951	4,649.80	4,998	3,726	1,807	5.10	354
1952	416.83	448	334	162	5.13	32
1953	250.50	269	201	98	5.16	19
1954	55.44	59	44	22	5.18	4
1955	333.76	357	266	131	5.21	25
1956	174.00	186	139	68	5.23	13
1957	323.77	346	258	127	5.26	24
1958	3,449.09	3,679	2,743	1,361	5.28	258
1959	4,633.84	4,937	3,681	1,833	5.30	346
1960	819.23	872	650	325	5.32	61
1961	96.20	102	76	38	5.34	7
1962	40.95	43	32	17	5.36	3
1963	132.38	140	104	53	5.38	10
1964	292.55	310	231	117	5.40	22
1965	417.47	441	329	168	5.41	31
1966	638.05	674	503	257	5.43	47
1967	259.90	274	204	105	5.45	19

### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CAYUGA	COMMON 1-2					
	SURVIVOR CURVI	E IOWA 55-R	1			
	E RETIREMENT Y					
NET SAL	VAGE PERCENT	-19				
1968	832.32	876	653	337	5.46	62
1969	66,675.83	70,044	52,223	27,121	5.48	4,949
1970	312,979.79	328,263	244,747	127,699	5.49	23,260
1971	38,662.01	40,473	30,176	15,832	5.51	2,873
1972	213,582.15	223,193	166,408	87,754	5.52	15,897
1973	26,504.42	27,647	20,613	10,927	5.53	1,976
1974	22,348.76	23,261	17,343	9,252	5.55	1,667
1975	84,957.83	88,246	65,795	35,305	5.56	6,350
1976	30,835.76	31,961	23,830	12,865	5.57	2,310
1977	58,046.12	60,032	44,759	24,316	5.58	4,358
1978	181,984.92	187,772	139,999	76,563	5.59	13,696
1979	180,644.90	185,880	138,589	76,379	5.61	13,615
1980	102,062.96	104,745	78,096	43,359	5.62	7,715
1981	88,888.87	90,978	67,831	37,946	5.63	6,740
1982	147,793.74	150,832	112,457	63,417	5.64	11,244
1983	50,739.75	51,628	38,493	21,887	5.65	3,874
1984	14,422.99	14,633	10,910	6,253	5.65	1,107
1985	15,525.01	15,698	11,704	6,771	5.66	1,196
1986	45,064.76	45,407	33,855	19,772	5.67	3,487
1987	73,974.42	74,259	55,366	32,663	5.68	5,751
1988	46,244.78	46,238	34,474	20,557	5.69	3,613
1989	109,032.73	108,564	80,943	48,806	5.70	8,562
1990	49,528.31	49,112	36,617	22,322	5.70	3,916
1991	106,164.73	104,777	78,120	48,216	5.71	8,444
1992	43,445.96	42,665	31,810	19,890	5.72	3,477
1993	271,972.09	265,759	198,145	125,502	5.72	21,941
1994	81,762.94	79,440	59,229	38,069	5.73	6,644
1995	24,591.33	23,759	17,714	11,549	5.73	2,016
1996	347,804.63	333,842	248,906	164,981	5.74	28,742
1997	394,784.00	376,290	280,555	189,238	5.75	32,911
1998	126,722.83	119,942	89,426	61,374	5.75	10,674
1999	91,884.90	86,273	64,323	45,020	5.76	7,816
2000	167,494.33	155,978	116,294	83,024	5.76	14,414
2001	654,576.61	604,158	450,448	328,498	5.76	57,031
2002	157,495.83	143,884	107,277	80,143	5.77	13,890
2003	26,074.08	23,571	17,574	13,454	5.77	2,332
2004	419,636.79	374,741	279,400	219,968	5.78	38,057
2005	123,021.31	108,467	80,871	65,524	5.78	11,336
2006	409,519.69	356,013	265,436	221,892	5.78	38,390
2007	356,170.03	304,658	227,147	196,695	5.79	33,972
2008	166,965.68	140,352	104,644	94,045	5.79	16,243

### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	COMMON 1-2 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2029				
2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023	144,558.30 196,295.81 744,810.52 662,688.45 392,650.83 541,054.62 704,605.38 562,393.87 6,231,338.54 570,769.38 124,839.15 141,535.10 53,627.64 1,629,085.05 1,041,723.95	119,158 158,114 584,815 505,390 289,544 382,810 475,200 357,687 3,678,727 306,639 59,147 56,014 15,872 276,543 49,016	88,842 117,887 436,027 376,809 215,878 285,416 354,300 266,684 2,742,787 228,624 44,099 41,763 11,834 206,185 36,545	83,182 115,705 450,298 411,790 251,376 358,439 484,181 402,564 4,672,505 450,591 104,460 126,664 51,983 1,732,426 1,203,106	5.79 5.80 5.80 5.80 5.81 5.81 5.82 5.82 5.82 5.82 5.83 5.83	14,366 19,949 77,638 70,998 43,341 61,693 83,336 69,288 802,836 77,421 17,948 21,764 8,916 297,157 206,365
	19,695,158.55	13,002,286	9,694,252	13,742,987		2,371,212
INTERI PROBAB	INLAND CONTAIN M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 55-R EAR 5-2029				
1992 1999	109,361.98 34,759.18	107,397 32,636	80,073 24,333	50,068 17,031	5.72 5.76	8,753 2,957
	144,121.16	140,033	104,406	67,098		11,710
INTERI PROBAB	UNIT 1 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2038				
1988 1993 1996 1999 2001 2007 2008	6,726.73 1,150,710.83 1,164,418.75 223,605.18 31,882.03 586,577.80 354,077.93	5,606 913,185 891,051 163,863 22,573 361,005 211,216	4,654 758,173 739,796 136,047 18,741 299,725 175,362	3,619 657,201 692,439 138,987 20,474 421,766 260,154	13.37 13.60 13.72 13.82 13.89 14.04	271 48,324 50,469 10,057 1,474 30,040 18,503

### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

INTERI	ORIGINAL COST (2) UNIT 1 M SURVIVOR CURV LE RETIREMENT Y	ACCRUED (3) E IOWA 55-R		FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NET SA	LVAGE PERCENT	-23				
2010 2012 2014 2015 2021 2022	2,741,810.67 25,781.55 397,219.88 248,054.41 22,559.70 144,692.77	1,520,020 13,036 178,044 103,126 3,179 10,853	1,261,999 10,823 147,821 85,620 2,639 9,011	2,110,429 20,888 340,759 219,486 25,109 168,961	14.10 14.14 14.18 14.20 14.30 14.32	149,676 1,477 24,031 15,457 1,756 11,799
	7,098,118.23	4,396,757	3,650,413	5,080,272		363,334
INTERII PROBABI	UNIT 2 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2038				
1988 1993 2001 2006 2008 2012 2014 2015	6,726.73 2,975,770.98 55,540.55 803,845.68 345,981.77 25,895.51 328,902.30 261,920.84	5,606 2,361,523 39,323 508,909 206,387 13,094 147,422 108,891 3,391,155	4,589 1,932,959 32,187 416,553 168,932 10,718 120,668 89,130	3,685 1,727,240 36,128 572,177 256,625 21,134 283,882 233,033 3,133,904	13.37 13.60 13.89 14.02 14.06 14.14 14.18	276 127,003 2,601 40,811 18,252 1,495 20,020 16,411 226,869
INTERII PROBABI	UNIT 3 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2034				
1990 1991 1993 1996 1998 2005 2007 2008	24,660.39 1,237,153.34 1,176,617.87 2,535,788.68 111,800.36 25,592.57 1,110,651.92 666,173.01	22,149 1,102,501 1,031,477 2,159,828 93,096 19,073 790,836 462,080	18,351 913,432 854,588 1,789,436 77,131 15,802 655,214 382,837	11,982 608,267 592,652 1,329,584 60,384 15,677 710,887 436,556	10.16 10.19 10.23 10.29 10.33 10.44 10.46	1,179 59,693 57,933 129,211 5,845 1,502 67,962 41,696



### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERII PROBABI	UNIT 3 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2034				
2012 2013 2014	25,536.88 266,104.35 331,257.05	15,377 152,699 179,716	12,740 126,512 148,896	18,670 200,796 258,550	10.51 10.52 10.53	1,776 19,087 24,554
	7,511,336.42	6,028,832	4,994,939	4,244,005		410,438
INTERII PROBABI	UNIT 4 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2034				
1991 1994 1996 1998 2006 2008 2009 2010 2011 2012 2014 2015 2018 2023	1,142,876.65 4,405,734.08 22,669.57 71,603.99 884,516.55 60,192.03 45,731.12 111,563.49 42,240.75 69,353.17 331,612.89 289,903.10 264,353.50 47,642.98	1,018,485 3,827,965 19,309 59,624 645,060 41,751 30,796 72,702 26,523 41,762 179,909 147,200 99,787 1,296	842,117 3,165,088 15,965 49,299 533,357 34,521 25,463 60,112 21,930 34,530 148,755 121,710 82,507 1,072 5,136,427	563,621 2,253,965 11,918 38,774 554,598 39,515 30,786 77,111 30,026 50,774 259,129 234,871 242,648 57,529	10.19 10.25 10.29 10.33 10.45 10.47 10.48 10.49 10.50 10.51 10.53 10.54 10.57	55,311 219,899 1,158 3,754 53,072 3,774 2,938 7,351 2,860 4,831 24,609 22,284 22,956 5,422
INTERII PROBABI	UNIT 5 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2030				
1982 1991 1993 1994 1996 1998	96,023.43 640,536.90 391,106.09 247,014.19 13,113.34 60,148.08 1,691,883.74	98,942 635,079 383,319 240,552 12,597 56,850 1,585,568	74,295 476,879 287,833 180,630 9,459 42,688 1,190,598	43,814 310,982 193,227 123,198 6,670 31,294 890,419	6.53 6.63 6.65 6.66 6.67 6.69	6,710 46,905 29,057 18,498 1,000 4,678 133,097



### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIN PROBABI	UNIT 5 M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	CAR 5-2030	1			
2001 2005 2007 2011 2012 2016 2018 2019	15,648.01 27,673.27 209,949.82 42,424.31 34,822.87 166,430.72 168,009.34 145,316.57 3,950,100.68	14,372 24,147 177,095 32,559 25,850 101,362 85,345 64,521 3,538,158	10,792 18,132 132,980 24,448 19,411 76,112 64,085 48,449	8,455 15,906 125,258 27,733 23,421 128,597 142,566 130,291 2,201,832	6.71 6.73 6.74 6.75 6.76 6.77 6.78	1,260 2,363 18,584 4,109 3,465 18,995 21,027 19,217
INTERIN PROBABI	4 FLUE GAS M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	CAR 5-2034	1			
2005 2008	135,120.10 1,021,338.81	100,698 708,435	85,879 604,177	80,319 652,069	10.44 10.47	7,693 62,280
	1,156,458.91	809,133	690,056	732,388		69,973
INTERIN PROBABI	5 FLUE GAS M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	CAR 5-2030	1			
1982 1990 1995 2008 2013	37,550.13 8,168.00 1,013,894.29 391,002.17 207,494.50	38,691 8,141 980,649 323,504 148,389	29,053 6,113 736,367 242,919 111,425	17,134 3,934 510,723 238,014 143,793	6.53 6.62 6.67 6.74 6.76	2,624 594 76,570 35,314 21,271
	1,658,109.09	1,499,374	1,125,877	913,597		136,373

### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	COMMON 1-2 M SURVIVOR CURV LE RETIREMENT Y LLVAGE PERCENT	EAR 5-2038				
1987 1993 1996 1998 2005	86,925.86 1,366,054.31 22,669.57 111,800.36 35,084.86	73,050 1,084,078 17,347 83,193 22,813	59,070 876,610 14,027 67,272 18,447	47,849 803,637 13,856 70,243 24,707		3,592 59,091 1,010 5,094 1,766
	1,622,534.96	1,280,481	1,035,426	960,292		70,553
INTERI PROBAB	COMMON 1-3 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2038				
1992 1996 2002 2003 2007	67,504.51 9,417.15 7,587.36 25,911.34 107,541.18	54,147 7,206 5,273 17,640 66,185	44,549 5,929 4,338 14,513 54,453	38,482 5,654 4,994 17,358 77,823		2,838 412 359 1,245 5,543
INTERI PROBAB	217,961.54  I COMMON 1-4  M SURVIVOR CURVE  BLE RETIREMENT Y  LLVAGE PERCENT	EAR 5-2038		144,311		10,397
2003 2007 2017 2018	41,556.79 72,048.00 10,560,528.05 271,863.67	28,292 44,341 3,616,263 81,468	24,863 38,967 3,177,993 71,595	26,252 49,652 9,811,456 262,798		1,883 3,536 689,491 18,442
	10,945,996.51	3,770,364	3,313,418	10,150,158		713,352
INTERI PROBAB	COMMON 1-5 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2038				
1938 1940	128.83 298.32	137 313	113 257	46 109	7.57 8.01	6 14



### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIN PROBABI	COMMON 1-5 M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	EAR 5-2038				
1945	3,912.58	4,021	3,307	1,505	8.99	167
1946	93.60	96	79	36	9.17	4
1947	31,587.01	32,200	26,484	12,368	9.34	1,324
1949	200.44	203	167	80	9.68	8
1950	11,638.69	11,724	9,643	4,673	9.83	475
1951	5,708.24	5,727	4,710	2,311	9.99	231
1952	1,677.72	1,677	1,379	684	10.13	68
1954	554.88	550	452	230	10.42	22
1955	540.09	534	439	225	10.55	21
1956	366.02	360	296	154	10.68	14
1957	71.62	70	58	31	10.81	3
1958	304.10	297	244	130	10.93	12
1959	102.19	99	81	44	11.05	4
1961	995.31	961	790	434	11.28	38
1964	1,315.47	1,256	1,033	585	11.60	50
1965	307.72	293	241	138	11.70	12
1966	208.84	198	163	94	11.80	8
1967	948.21	894	735	431	11.89	36
1968	1,653.85	1,553	1,277	757	11.99	63
1969	710.92	665	547	327	12.08	27
1970	840.33	782	643	390	12.16	32
1971	1,582.98	1,466	1,206	741	12.25	60
1972	2,392.44	2,206	1,814	1,128	12.33	91
1973	16,255.50	14,918	12,270	7,724	12.41	622
1974	215,453.56	196,734	161,812	103,196	12.49	8,262
1975	68,159.05	61,930	50,937	32,899	12.56	2,619
1976	15,319.28	13,844	11,387	7,456	12.64	590
1977	130,601.99	117,393	96,555	64,086	12.71	5,042
1978	703,750.21	628,980	517,329	348,283	12.78	27,252
1979	543,239.41	482,656	396,980	271,205	12.85	21,105
1980	161,812.89	142,927	117,556	81,474		6,311
1981	502,369.23	440,863	362,605	255,309	12.98	19,669
1982	1,233,098.27	1,075,242	884,375	632,336	13.04	48,492
1983	676,975.62	586,282	482,211	350,469	13.10	26,753
1984	131,154.36	112,772	92,754	68,566	13.16	5,210
1985	282,582.53	241,242	198,419	149,157	13.21	11,291
1986	302,542.95	256,262	210,773	161,355	13.27	12,159
1987	296,617.93	249,270	205,022	159,818	13.32	11,998
1988	400,950.60	334,132	274,820	218,349	13.37	16,331
1989	891,243.24	736,096	605,431	490,798	13.42	36,572
1990	583,769.61	477,681	392,888	325,149	13.47	24,139

### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
GIBSON	COMMON 1-5					
	M SURVIVOR CURV	E IOWA 55-R	.1			
	BLE RETIREMENT Y					
NET SA	LVAGE PERCENT	-23				
1991	2,380,652.29	1,929,451	1,586,953	1,341,249	13.51	99,278
1992	945,035.47	758,032	623,473	538,920	13.56	39,743
1993	367,841.71	291,913	240,095	212,350	13.60	15,614
1994	726,567.05	569,996	468,816	424,862	13.64	31,148
1995	814,551.34	631,366	519,292	482,606	13.68	35,278
1996	739,693.90	566,038	465,560	444,263	13.72	32,381
1997	962,803.58	726,643	597,656	586,592	13.76	42,630
1998	540,750.51	402,386	330,958	334,165	13.79	24,232
1999	521,421.64	382,109	314,281	327,068	13.82	23,666
2000	314,108.84	226,430	186,236	200,118	13.85	14,449
2001	726,747.01	514,546	423,209	470,690	13.89	33,887
2002	104,967.16	72,952	60,002	69,107	13.91	4,968
2004	974,107.30	648,644	533,503	664,649	13.97	47,577
2005	1,077,230.99	700,445	576,109	748,885	13.99	53,530
2006	259,442.87	164,252	135,096	184,019	14.02	13,125
2007	286,187.26	176,132	144,867	207,144	14.04	14,754
2008	451,327.74	269,228	221,437	333,696	14.06	23,734
2009	187,472.17	108,027	88,851	141,740	14.08	10,067
2010	575,430.55	319,010	262,382	445,397	14.10	31,588
2011	359,900.19	191,042	157,130	285,547	14.12	20,223
2012	2,087,005.00	1,055,249	867,931	1,699,085	14.14	120,162
2013	1,754,784.58	838,748	689,861	1,468,524	14.16	103,709
2014	432,145.09	193,698	159,315	372,224	14.18	26,250
2015	1,168,953.64	485,981	399,714	1,038,099	14.20	73,106
2016	1,533,841.40	583,665	480,058	1,406,567	14.22	98,915
2017	406,930.86	139,346	114,611	385,914	14.23	27,120
2018	2,621,500.50	785,572	646,125	2,578,321	14.25	180,935
2019	229,935.33	57,981	47,689	235,132	14.27	16,477
2020	168,468.89	33,664	27,688	179,528	14.28	12,572
2021	264,296.80	37,238	30,628	294,457	14.30	20,591
2022	1,260,710.88	94,560	77,775	1,472,900	14.32	102,856
2023	1,027,567.04	19,970	16,425	1,247,482	14.33	87,054
	33,496,416.21	20,211,820	16,624,011	24,576,581		1,768,826

### ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	COST		ALLOC. BOOK RESERVE (4)			ANNUAL ACCRUAL (7)		
INTER PROB <i>P</i>	ON COMMON 3-4 RIM SURVIVOR CURV ABLE RETIREMENT Y SALVAGE PERCENT	EAR 5-2034						
1978 1979 1981	11,601.92	11,102	53,764 8,867 24,669	32,377 5,403 15,406	9.83			
	114,215.64	109,305	87,299	53,186		5,413		
INTER PROB <i>A</i>	ON COMMON 4-5 RIM SURVIVOR CURV ABLE RETIREMENT Y SALVAGE PERCENT	EAR 5-2034						
1996	12,729.18	10,842	8,895	6,762	10.29	657		
	12,729.18	10,842	8,895	6,762		657		
INTER PROB <i>A</i>	GIBSON COMMON 3-5 INTERIM SURVIVOR CURVE IOWA 55-R1 PROBABLE RETIREMENT YEAR 5-2034 NET SALVAGE PERCENT23							
2021	34,327.88	6,361	6,295	35,928	10.60	3,389		
	34,327.88	6,361	6,295	35,928		3,389		
	116,175,700.34	79,038,287	62,824,554	78,640,459		8,496,800		
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAI	L RATE, PERCEN	т 9.3	7.31		

ACCOUNT 316.20 MISCELLANEOUS POWER PLANT EQUIPMENT - EDWARDSPORT IGCC

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	SPORT IGCC M SURVIVOR CURVE BLE RETIREMENT YE LVAGE PERCENT	EAR 5-2045				
2013	2,449,449.67	846,037	724,397	1,994,493	18.75	106,373
2014	389,524.24	124,674	106,749	325,623	18.93	17,201
2015	694,672.49	204,060	174,721	596,366	19.09	31,240
2016	775,678.51	205,633	176,068	684,935	19.25	35,581
2017	8,884,149.88	2,091,703	1,790,965	8,070,442	19.39	416,217
2018	1,252,547.01	254,221	217,670	1,172,657	19.53	60,044
2019	1,048,966.53	176,819	151,397	1,012,956	19.66	51,524
2020	417,350.14	54,915	47,020	416,239	19.78	21,043
2021	398,992.04	36,361	31,133	411,748	19.90	20,691
2022	1,637,804.38	77,409	66,279	1,751,683	20.01	87,540
2023	904,718.93	11,368	9,734	994,504	20.08	49,527
	18,853,853.82	4,083,200	3,496,131	17,431,647		896,981

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 19.4 4.76

### ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
MARKLAI	NID.					
		E TOUT 110	D 3			
	M SURVIVOR CURVI					
	LE RETIREMENT Y		•			
NET SAL	LVAGE PERCENT	-13				
1967	2,246,190.65	1,539,644	2,538,195			
1973	905.41	590	1,023			
1974	6,019.71	3,890	6,802			
1978	718.14	446	811			
1980	547.68	333	619			
1981	15,986.74	9,607	18,065			
1984	801.11	464	905			
1988	7,036.66	3,854	7,951			
1992	85,769.31	43,980	96,919			
1995	114,821.26	55,561	129,748			
1996	134,424.88	63,677	151,900			
1997	283,515.34	131,324	320,372			
1999	126,647.94	55,882	143,112			
2005	88,611.92	32,435	100,131			
2007	4,231.31	1,427	4,781			
2011	501,215.42	136,904	489,229	77,144	37.30	2,068
2015	214,597.70	42,466	151,753	90,742	37.40	2,426
2017	233,655.31	36,251	129,544	134,487	37.45	3,591
2019	33,870.33	3,673	13,126	25,148	37.49	671
2022	303,924.22	8,823	31,529	311,905	37.55	8,306
2023	245,960.68	1,837	6,565	271,371	37.56	7,225
	4,649,451.72	2,173,068	4,343,083	910,797		24,287

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.5 0.52

### ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBAI	AND IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 4-2061				
1967	10,570,535.32	7,466,157	11,944,705			
1996	757,871.09	362,435	659,725	196,669	35.83	5,489
1998	26,286.99	11,996	21,836	7,868	36.02	218
2000	7,906.19	3,425	6,234	2,700	36.19	75
2002	5,209.78	2,128	3,874	2,014	36.36	55
2003	5,543.36	2,193	3,992	2,272	36.43	62
2005	1,000.25	369	672	459	36.57	13
2006	43,193.00	15,300	27,850	20,958	36.64	572
2007	288,889.73	98,009	178,402	148,044	36.71	4,033
2008	2,109,424.38	683,416	1,243,993	1,139,657	36.77	30,994
2009	19,532.46	6,019	10,956	11,116	36.83	302
2010	1,807.90	527	959	1,084	36.88	29
2011	32,482.13	8,915	16,228	20,477	36.94	554
2015	99.99	20	36	77	37.13	2
2017	2,098,514.01	326,910	595,060	1,776,261	37.21	47,736
2019	1,820.96	198	360	1,697	37.29	46
2022	31,216.03	910	1,656	33,618	37.39	899
	16,001,333.57	8,988,927	14,716,538	3,364,969		91,079

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.9 0.57

### ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBA	AND IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	TEAR 4-2061				
1998	120,323.29	60,030	46,467	89,498	26.64	3,360
1999	279,540.38	135,358	104,776	211,104	27.10	7,790
2000	382,756.30	179,688	139,091	293,424	27.55	10,651
2001	317,043.62	144,038	111,495	246,764	27.99	8,816
2002	227,723.68	100,008	77,413	179,915	28.41	6,333
2003	33,078.79	14,008	10,843	26,536	28.83	920
2007	13,394.44	4,795	3,712	11,424	30.36	376
2010	110,725.44	33,777	26,146	98,974	31.37	3,155
2017	1,282,240.97	205,285	158,905	1,290,028	33.32	38,716
2018	45,555,083.59	6,205,582	4,803,548	46,673,697	33.56	1,390,754
2019	2,413.84	269	208	2,519	33.78	75
2020	37,426,814.81	3,197,721	2,475,256	39,817,045	33.99	1,171,434
2021	40,252,213.46	2,346,116	1,816,055	43,668,946	34.20	1,276,870
2022	2,454.33	73	57	2,717	34.40	79
	126,005,806.94	12,626,748	9,773,972	132,612,590		3,919,329

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 33.8 3.11

### ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)		CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARKL	AND IM SURVIVOR CURVE.	TOWN 50_D	2			
	BLE RETIREMENT YEA					
NET S	ALVAGE PERCENT	13				
2001	6,580.21	2,989	798	6,638	27.99	237
2004	10,801.03	4,402	1,175	11,030	29.23	377
2005	22,473.46	8,798	2,349	23,046	29.62	778
2015	70,872.90	14,540	3,882	76,204	32.82	2,322
2018	2,291,687.89	312,177	83,351	2,506,256	33.56	74,680
2019	4,239,215.88	471,750	125,957	4,664,357	33.78	138,080
2020	1,839,304.15	157,149	41,959	2,036,455	33.99	59,913
	8,480,935.52	971,805	259,472	9,323,985		276,387
	COMPOSITE REMAININ	IG LIFE AND	ANNUAL ACCRUAL	RATE, PERCEN	T 33.7	3.26

### ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
MARKLAI	ND					
	M SURVIVOR CURV	E IOWA 40-R	.2			
	LE RETIREMENT Y					
	LVAGE PERCENT					
1967	18,812.68	18,543	21,258			
1968	893.07	873	1,009			
1971	1,313.39	1,249	1,484			
1974	826.48	762	934			
1975	822.75	750	930			
1978	2,738.75	2,409	3,095			
1979	1,672.47	1,451	1,890			
1980	1,800.00	1,541	2,034			
1981	10,895.32	9,191	12,312			
1982	2,731.33	2,269	3,086			
1987	304.04	231	344			
1990	2,236.22	1,594	2,527			
1998	9,127.54	5,228	9,823	491	19.66	25
1999	326,395.22	180,847	339,809	29,018	20.30	1,429
2001	61,236.74	31,583	59,344	9,853	21.58	457
2002	5,947.37	2,953	5,549	1,172	22.21	53
2003	19,305.67	9,207	17,300	4,516	22.84	198
2004	13,958.89	6,380	11,988	3,786	23.47	161
2006	12,179.44	5,077	9,540	4,223	24.69	171
2008	15,255.53	5,728	10,763	6,476	25.88	250
2009	12,239.42	4,338	8,151	5,680	26.46	215
2011	162,683.80	50,598	95,073	88,760	27.57	3,219
2012	40,925.04	11,822	22,213	24,032	28.10	855
2016	170,021.14	33,114	62,221	129,903	30.06	4,321
2018	447,505.00	64,474	121,146	384,535	30.93	12,432
2019	8,153.71	956	1,796	7,417	31.34	237
2022	444,431.18	13,846	26,016	476,191	32.45	14,675
	1,794,412.19	467,014	851,634	1,176,051		38,698

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 30.4 2.16

### ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
( _ /	( 2 )	(3)	( 1 )	(3)	(0)	( / )
NOBLES'						
	M SURVIVOR CURVI		3			
	LE RETIREMENT Y					
NET SA	LVAGE PERCENT	-17				
1024	26 004 20	/2 1FF	/2 1FF			
1924 1925	36,884.29 36,886.68	43,155	43,155			
1925	407.74	43,157 477	43,157 477			
1928	372.92	436	436			
1947	185.83	209	210	8	2.04	4
1950	3,337,834.03	3,685,790	3,699,524	205,742	2.81	73,218
1951	1,524.10	1,674	1,680	103	3.06	34
1951	59.36	65	65	4	3.32	1
1953	14,326.96	15,566	15,624	1,139	3.52	319
1954	7,816.98	8,445	8,476	669	3.83	175
1954	605.29	641	643	65	4.77	14
1959	3,016.68	3,177	3,189	341	4.99	68
1960	785.93	824	827	92	5.21	18
1965	723.84	740	743	104	6.27	17
1968	1,320.86	1,330	1,335	210	6.92	30
1973	2,092.57	2,047	2,055	394	8.02	49
1974	12,599.12	12,245	12,291	2,450	8.24	297
1975	32,418.76	31,311	31,428	6,502	8.45	769
1976	3,680.60	3,532	3,545	761	8.66	88
1977	8,545.26	8,148	8,178	1,820		205
1978	540.99	512	514	119		13
1979	1,713.60	1,612	1,618	387	9.24	42
1980	391.94	366	367	91	9.42	10
1988	17,459.73	15,381	15,438	4,990	10.54	473
1990	217,090.21	188,025	188,726	65,270	10.74	6,077
1991	117,795.72	101,103	101,480	36,341	10.83	3,356
1992	43,167.53	36,710	36,847	13,659	10.91	1,252
1993	471,330.65	396,889	398,368	153,089	10.99	13,930
1999	11,007.47	8,636	8,668	4,211	11.34	371
2000	29,861.14	23,084	23,170	11,768	11.39	1,033
2001	21,514.60	16,376	16,437	8,735	11.43	764
2002	199,187.77	149,096	149,652	83,398	11.47	7,271
2003	5,277,830.76	3,878,618	3,893,071	2,281,991	11.51	198,262
2006	93,472.46	64,441	64,681	44,682	11.60	3,852
2008	323,346.58	211,164	211,951	166,365	11.66	14,268
2010	266,311.20	162,722	163,328	148,256	11.71	12,661
2011	97,864.00	57,517	57,731	56,770	11.73	4,840
2012	9,836.43	5,528	5,549	5,960	11.75	507
2013	1,171,470.89	626,113	628,446	742,175	11.76	63,110
2015	349,003.83	164,204	164,816	243,519	11.79	20,655
2016	1,955,115.45	846,667	849,822	1,437,663	11.81	121,733
-	, , ,		. ,	, - ,		,

### ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

		ACCRUED	ALLOC. BOOK RESERVE (4)	ACCRUALS		ACCRUAL
PROBAB	VILLE M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2035				
2020 2021	502,346.22 111,902.00 389,239.32 37,277.63 1,192,473.57	38,732 91,756 6,267 107,402	38,876 92,098 6,290 107,802	389,993 92,049 363,312 37,324 1,287,392 7,899,911	11.83 11.85 11.86 11.87	30,659 3,147
INTERI PROBAB	VILLE CT UNIT 3 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 50-R EAR 5-2035				
2003 2011	3,155,726.18 7,816.11		2,284,427 4,525	1,407,773 4,620		122,309 394
INTERI PROBAB	3,163,542.29  VILLE CT UNIT 4  M SURVIVOR CURV  LE RETIREMENT Y  LVAGE PERCENT	E IOWA 50-R EAR 5-2035	.3	1,412,392		122,703
2003 2011		2,319,321 4,266	2,284,637 4,202	1,407,903 4,290		122,320 366
	3,163,274.93	2,323,587	2,288,839	1,412,193		122,686
INTERI PROBAB	VILLE CT UNIT 5 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 50-R EAR 5-2035				
2003 2006 2011	3,155,826.39 19,327.13 7,623.67	2,319,181 13,324 4,481	2,284,499 13,125 4,414	1,407,818 9,488 4,506	11.51 11.60 11.73	122,313 818 384
	3,182,777.19	2,336,986	2,302,038	1,421,811		123,515

### ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	LION CT STATION M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2043	3			
2000 2007 2008 2012 2013 2015 2016 2018 2020 2021 2022	4,735,968.10 4,203.83 13,534.46 34,520.83 7,617.13 65,669.49 51,596.42 6,174.97 30,210.47 14,714.94 1,872.73	2,751,381 2,013 6,244 13,159 2,723 20,103 14,321 1,322 4,207 1,426 95	2,725,077 1,994 6,184 13,033 2,697 19,911 14,184 1,309 4,167 1,412 94 2,790,063	2,295,049 2,462 8,162 23,559 5,377 49,699 40,508 5,236 27,856 14,185 1,891 2,473,985	18.05 18.87 18.96 19.25 19.32 19.43 19.48 19.56 19.64 19.67	127,150 130 430 1,224 278 2,558 2,079 268 1,418 721 96
INTERI PROBAB	CT UNIT 4 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 50-R EAR 5-2036		2,473,503		130,332
1993 2008 2009 2013 2015 2016 2017 2018 2022	5,387,322.67 177,555.05 104,398.26 26,256.52 28,858.36 26,448.55 4,423.44 2,846.55 18,352.52	4,023,434 101,407 57,700 12,162 11,709 9,867 1,488 843 1,405	3,963,266 99,891 56,837 11,980 11,534 9,719 1,466 830 1,384	1,747,296 88,318 53,825 15,852 19,056 18,316 3,223 2,187 18,070	11.80 12.60 12.63 12.73 12.77 12.78 12.80 12.81 12.85	148,076 7,009 4,262 1,245 1,492 1,433 252 171 1,406
INTERI PROBAB	5,776,461.92  MADISON CT 1-8  M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 50-R EAR 5-2041		1,966,143		165,346
2000 2003 2005 2008	9,017,943.84 312,385.87 57,910.66 45,450.53	5,407,939 175,276 30,827 21,958	5,327,065 172,655 30,366 21,630	4,141,776 155,350 30,440 26,093	16.49 16.80 16.97 17.19	251,169 9,247 1,794 1,518

### ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	MADISON CT 1-8 M SURVIVOR CURVE BLE RETIREMENT YE LVAGE PERCENT	EAR 5-2041				
2015	107,511.23	35,072	34,548	78,339	17.55	4,464
2016	65,256.75	19,345	19,056	49,464	17.59	2,812
2017	80,500.20	21,302	20,983	63,542	17.63	3,604
2020	787,404.69	119,080	117,299	709,476	17.71	40,061
2021	14,931.22	1,574	1,550	14,127	17.74	796
2022	3,760.53	208	205	3,744	17.76	211
	10,493,055.52	5,832,581	5,745,357	5,272,351		315,676
INTERI PROBAB	COUNTY COMMON COMMON COMMON COMMON CURVING CURVING RETIREMENT YES	E IOWA 50-R EAR 5-2038	.3			
2001	4,485,511.97	2,909,906	2,866,389	1,977,963	14.08	140,480
2005	22,012.60	13,081	12,885	10,888	14.32	760
2006	4,228.10	2,446	2,409	2,157	14.37	150
2010	66,739.76	33,718	33,214	38,865	14.54	2,673
2011	125.91	61	60	76	14.58	5
2012	1,532.46	705	694	961	14.61	66
2013	79,995.29	34,790	34,270	52,125	14.64	3,560
2014	137.69	56	55	94	14.67	6
2015	598,629.68	226,185	222,802	423,718	14.70	28,824
2016	106,896.16	36,954	36,401	79,046	14.72	5,370
2017	1,668.12	518	510	1,291	14.74	88
2018	6,964.80	1,892	1,864	5,658	14.76	383
2019	374,649.61	85,671	84,390	320,232	14.78	21,667
2020	347,656.35	62,929	61,988	313,481	14.80	21,181
	6,096,748.50	3,408,912	3,357,933	3,226,555		225,213
INTERI PROBAB	A DIESEL M SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 5-2029				
1972	5,514.86	5,244	5,166	680	4.89	139
	5,514.86	5,244	5,166	680		139

### ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM PROBABLI	ND CT UNIT 1 SURVIVOR CURV E RETIREMENT Y JAGE PERCENT	TEAR 5-2043				
2005	28,000.00	14,322	14,108	15,572	18.67	834
	28,000.00	14,322	14,108	15,572		834
INTERIM PROBABLI	ND CT UNIT 2 SURVIVOR CURV E RETIREMENT Y JAGE PERCENT	EAR 5-2043				
2005	28,000.00	14,322	14,108	15,572	18.67	834
	28,000.00	14,322	14,108	15,572		834
INTERIM PROBABLI	ND CT UNIT 3 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	TEAR 5-2043				
	14,081.12 237,209.76			7,832 228,793		419 11,632
	251,290.88	30,196	29,744	236,624		12,051
INTERIM PROBABLI	ND CT UNIT 4 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	YEAR 5-2043				
2005	28,000.00	14,322	14,108	15,572	18.67	834
	28,000.00	14,322	14,108	15,572		834
INTERIM PROBABLI	ND COMMON CT 1 SURVIVOR CURV E RETIREMENT Y /AGE PERCENT	YE IOWA 50-R YEAR 5-2043				
2005 2007	39,820.00 47,753.33	20,368 22,868	20,063 22,526	22,146 28,093	18.67 18.87	1,186 1,489

### ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)		
INTER PROBA	LAND COMMON CT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 50-R EAR 5-2043						
2009 2010 2013 2014 2015 2016 2017 2018 2019 2020 2022	500.03 86,540.80 111,081.28 96,430.08 360,565.99 144,749.85 53,191.15 62,535.57 1,691.90 112,617.47 66,372.40 1,183,849.85	222 36,647 39,706 32,105 110,379 40,175 13,155 13,387 302 15,681 3,366	219 36,099 39,112 31,625 108,728 39,574 12,958 13,187 297 15,446 3,316	311 55,634 78,634 70,591 273,472 113,861 43,424 53,101 1,496 103,928 67,039	19.04 19.12 19.32 19.37 19.43 19.52 19.56 19.60 19.64 19.70	16 2,910 4,070 3,644 14,075 5,845 2,225 2,715 76 5,292 3,403		
INTER PROBA	PURDUE CHP INTERIM SURVIVOR CURVE IOWA 50-R3 PROBABLE RETIREMENT YEAR 3-2057 NET SALVAGE PERCENT6							
2021	14,589,461.32	888,764	426,899	15,037,930	32.31	465,426		
	14,589,461.32	888,764	426,899	15,037,930		465,426		
	69,366,700.12	35,837,216	35,077,910	41,319,021		2,471,380		
	COMPOSITE REMAIN	IING LIFE AND	ANNUAL ACCRUAI	RATE, PERCEN	т 16.	7 3.56		

### ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - SOLAR

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABLI	OLAR SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	EAR 5-2047				
2017	401,873.13	88,029	155,841	278,182	22.64	12,287
	401,873.13	88,029	155,841	278,182		12,287

### ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABLE	LLE SURVIVOR CURVE RETIREMENT YE AGE PERCENT	EAR 5-2035				
	56,753.32 14,852.78	50,196 9,547		28,692 64,150 3,705 96,797 60,985 187,822 54,676 15,725	11.90 11.90 11.91 11.91 11.91	2,415 5,391 311 8,127 5,120 15,770 4,591 1,320
INTERIM PROBABLE	LLE CT UNIT 3 SURVIVOR CURV RETIREMENT Y AGE PERCENT	EAR 5-2035				
2006	44,569.04	30,730	37,741	14,405	11.82	1,219
	44,569.04	30,730	37,741	14,405		1,219
INTERIM PROBABLE	LLE CT UNIT 4 SURVIVOR CURVE RETIREMENT Y AGE PERCENT	E IOWA 55-R EAR 5-2035				
2006	42,764.87		36,213	13,822		
2018 2021	113,223.20 150,726.30	39,115 25,356	48,039 31,141	84,432 145,209		7,089 12,192
	306,714.37	93,957	115,393	243,463		20,450
INTERIM PROBABLE	LLE CT UNIT 5 SURVIVOR CURV RETIREMENT Y	EAR 5-2035				
2006 2018	38,802.17 113,740.76	26,753 39,294	32,856 48,259	12,542 84,818	11.82 11.91	1,061 7,122
	152,542.93	66,047	81,115	97,360		8,183

### ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

		ACCRUED		FUTURE BOOK ACCRUALS (5)	LIFE	ACCRUAL
INTERI PROBAE	SVILLE COMMON 3- M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 55-R EAR 5-2035				
2003	6,749,463.45	4,962,947	6,095,207	1,801,665	11.77	153,073
	6,749,463.45	4,962,947	6,095,207	1,801,665		153,073
INTERI PROBAE	LION CT STATION M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 55-R EAR 5-2043				
2019	48,027.09 31,549.53	2,044 3,775 8,534 4,387	2,450 4,525 10,229 5,258	3,638 14,239 40,679 28,184	19.76 19.85 19.86	409,917 184 717 2,048 1,418
INTERI PROBAE	21,309,586.70 A CT UNIT 4 EM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 55-R EAR 5-2036	4	7,871,062		414,284
1993 2003 2013 2017 2020	24,593.86 27,948.99 12,680.56 201,607.07	15,894 12,941 4,267 40,296	19,520 15,893 5,240 49,489	8,201 164,214	12.74 12.88 12.90	29,894 514 1,066 636 12,720
	2,868,641.76	2,019,855	2,480,670	560,090		44,830

### ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIN PROBABI	MADISON CT 1-8 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 55-R EAR 5-2041				
2000 2003 2020 2022	9,178,139.81 85,119.00 4,658.77 17,445.98	5,487,624 47,597 702 969	6,739,585 58,456 862 1,190	2,897,462 30,919 4,030 17,128		168,066 1,772 225 957
	9,285,363.56	5,536,892	6,800,093	2,949,539		171,020
INTERIN PROBABI	COUNTY COMMON C' M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 55-R EAR 5-2038	4			
2001	303,680.10	196,821	241,724	86,250	14.56	5,924
2010	2,407.29	1,214	1,491	1,109	14.82	75
2011	360.99	174	214	176	14.84	12
2012	4,393.02	2,017	2,477	2,267	14.85	153
2013	20,784.06	9,024	11,083	11,364	14.86	765
2014	394.71	161	198	229	14.87	15
2016	10,750.02	3,714	4,561	7,049	14.88	474
2017	4,781.90	1,483	1,821	3,343		225
2018	212,816.27	57,778	70,960	158,882	14.89	10,670
2019	65,030.41	14,864	18,255	51,978	14.90	3,488
2020	90,727.49	16,422	20,169	77,817	14.90	5,223
2022	69,618.52	4,726	5,804	69,384	14.91	4,654
	785,744.78	308,398	378,757	469,847		31,678
INTERIN PROBABI	DIESEL M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2029				
1972	25,530.44	24,394	27,062			
	25,530.44	24,394	27,062			



### ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

		ACCRUED	RESERVE	FUTURE BOOK ACCRUALS (5)	LIFE	ACCRUAL
INTERIM PROBABLI	ND CT UNIT 1 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	EAR 5-2043	Į.			
2005	110,000.00	55,941	68,957	47,643	19.42	2,453
	110,000.00	55,941	68,957	47,643		2,453
INTERIM PROBABLI	ND CT UNIT 2 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	EAR 5-2043	Į.			
	11,893.43 133,510.25		7,455 54 493	5,152 87,028	19.42	
2011	145,403.68		61,948	92,180	17.77	4,663
INTERIM PROBABLI	ND CT UNIT 3 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	EAR 5-2043	Į.			
2005	110,000.00	55,941	68,957	47,643	19.42	2,453
	110,000.00	55,941	68,957	47,643		2,453
INTERIM PROBABLI	ND CT UNIT 4 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	EAR 5-2043	ŀ			
2005	110,000.00	55,941	68,957	47,643	19.42	2,453
	110,000.00	55,941	68,957	47,643		2,453
INTERIM PROBABLI	ND COMMON CT 1- SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	E IOWA 55-R4 EAR 5-2043	Į.			
2005 2009	679,546.51 1,433.45	345,588 632	426,000 779	294,320 740	19.42 19.63	15,156 38

### ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR (1)			ALLOC. BOOK RESERVE (4)			ANNUAL ACCRUAL (7)		
INTER PROB <i>A</i>	LAND COMMON CT 1 IM SURVIVOR CURV BLE RETIREMENT Y BALVAGE PERCENT	E IOWA 55-R EAR 5-2043						
2010 2013 2015 2016 2019 2020	4,539.29 5,360.77 29,291.53 4,850.09 96,273.13	8,104 862 13,387	9,990 1,063 16,502	2,324 2,820 3,669 21,059 4,079 85,548	19.76 19.81 19.82 19.86	118 143 185 1,063 205 4,305		
INTER PROB <i>A</i>	PURDUE CHP INTERIM SURVIVOR CURVE IOWA 55-R4 PROBABLE RETIREMENT YEAR 3-2057 NET SALVAGE PERCENT6							
2021	832,096.32	49,931	562,467	319,555	33.33	9,588		
	832,096.32	49,931	562,467	319,555		9,588		
	44,321,221.34	26,174,339	32,284,608	15,489,207		930,605		
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAI	RATE, PERCEN	г 16.6	2.10		

### ACCOUNT 343.00 PRIME MOVERS - GENERAL

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
( _ )	( 2 )	(3)	( 1 )	(3)	(0)	( 7 )
NOBLES	SVILLE					
INTERI	M SURVIVOR CURV	E IOWA 40-S	30.5			
PROBAE	BLE RETIREMENT Y	EAR 5-2035				
NET SA	ALVAGE PERCENT	-17				
1950	211,186.12	232,015	202,043	45,045	2.44	18,461
1953	8,670.60	9,270	8,072	2,072	3.45	601
1954	179.20	190	165	44	3.79	12
1955	7,864.12	8,253	7,187	2,014	4.12	489
1956	4,747.55	4,937	4,299	1,255	4.45	282
1961	5,828.19	5,816	5,065	1,754	5.88	298
1966	1,051.13	1,016	885	345	6.94	50
1972	16,587.32	15,520	13,515	5,892	7.89	747
1977	1,721.41	1,571	1,368	646	8.51	76
1980	6,661.09	5,986	5,213	2,581	8.84	292
1982	25,683.77	22,841	19,890	10,160	9.03	1,125
1988	37,194.43	31,897	27,776	15,741	9.56	1,647
1989	33,227.99	28,296	24,641	14,236	9.64	1,477
1993	6,141.21	5,068	4,413	2,772	9.94	279
1996	39,696.07	31,817	27,707	18,738	10.16	1,844
1997	154,104.30	122,229	106,439	73,863	10.22	7,227
1998	3,461.86	2,714	2,363	1,687	10.29	164
1999	304,472.15	235,666	205,222	151,010	10.36	14,576
2000	432,302.83	330,172	287,520	218,275	10.42	20,948
2001	208,070.88	156,582	136,354	107,089	10.49	10,209
2003	19,305,869.69	14,065,239	12,248,262	10,339,605	10.61	974,515
2004	210,740.69	150,724	131,253	115,313	10.67	10,807
2005	1,445.65	1,013	882	809	10.73	75
2006	37,972.28	26,033	22,670	21,758	10.79	2,016
2007	174,921.02	117,027	101,909	102,748	10.85	9,470
2008	545,961.32	355,478	309,557	329,218	10.91	30,176
2009	995,080.03	628,517	547,324	616,920	10.97	56,237
2010	185,643.79	113,406	98,756	118,447	11.02	10,748
2011	5,600,047.07	3,292,211	2,866,916	3,685,139	11.08	332,594
2012	1,366,868.58	770,192	670,697	928,539	11.13	83,427
2013	159,031.64	85,191	74,186	111,881	11.19	9,998
2014	197,229.40	99,828	86,932	143,826	11.24	12,796
2015	961,102.79	453,945	395,303	729,187	11.30	64,530
2016	1,887,014.80	822,585	716,322	1,491,486	11.35	131,408
2017	1,467,518.99	579,641	504,762	1,212,235	11.40	106,336
2018	310,699.49	108,478	94,465	269,054	11.45	23,498
2019	37,711.75	11,217	9,768	34,355	11.50	2,987
2020	764,579.23	181,998	158,487	736,071	11.55	63,729

### ACCOUNT 343.00 PRIME MOVERS - GENERAL

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBA	SVILLE IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2035				
2021 2022 2023	2,790,634.26 191,089.95 3,075,744.32	476,043 17,674 75,355	414,547 15,391 65,620	2,850,495 208,184 3,533,000	11.60 11.65 11.69	245,732 17,870 302,224
	41,775,758.96	23,683,651	20,624,148	28,253,490		2,571,977
INTER:	SVILLE CT UNIT 3 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 40-S EAR 5-2035				
2001 2003 2005 2006 2008 2009 2010 2011 2013 2014 2018 2019 2023	327.34 30,567,186.75 4,617.49 896,941.99 52,714.71 68,134.47 105,963.77 297,490.28 5,697,851.61 80,524.17 26,362.14 175,444.09 1,830,212.80  39,803,771.61		214 19,392,803 2,819 535,482 29,889 37,476 56,369 152,299 2,657,955 35,493 8,015 45,443 39,047	169 16,370,806 2,584 513,940 31,787 42,242 67,609 195,765 4,008,531 58,720 22,829 159,827 2,102,301 23,577,109	10.49 10.61 10.73 10.79 10.97 11.02 11.08 11.19 11.24 11.45 11.50 11.69	16 1,542,960 241 47,631 2,914 3,851 6,135 17,668 358,224 5,224 1,994 13,898 179,838 2,180,594
INTER:	IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 40-S EAR 5-2035				
2001 2003 2005 2006 2008 2010 2011 2013	327.34 27,062,377.72 56,966.11 642,192.85 176,310.73 643,545.97 114,957.32 6,594,761.65	246 19,716,222 39,936 440,270 114,797 393,130 67,582 3,532,712	214 17,169,240 34,777 383,395 99,967 342,345 58,852 3,076,349	169 14,493,742 31,873 367,971 106,316 410,604 75,648 4,639,522	10.49 10.61 10.73 10.79 10.91 11.02 11.08 11.19	16 1,366,045 2,970 34,103 9,745 37,260 6,827 414,613

### ACCOUNT 343.00 PRIME MOVERS - GENERAL

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER: PROBA	SVILLE CT UNIT 4 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 40-S EAR 5-2035				
2015 2017 2018 2019	30,585.71 1,751,015.79 112,425.15 1,230.48 37,186,696.82	14,446 691,617 39,252 366 25,050,576	12,580 602,272 34,181 319 21,814,491	23,205 1,446,416 97,356 1,121 21,693,944	11.30 11.40 11.45 11.50	2,054 126,879 8,503 97 2,009,112
INTER: PROBA	SVILLE CT UNIT 5 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 40-S EAR 5-2035				
2001 2003 2005 2006 2007 2008 2010 2011 2014 2015 2017 2018 2019 2020 2021	327.34 23,923,356.40 545.14 1,017,439.49 50,940.30 149,948.90 2,752,794.73 47,855.12 507,320.32 6,535,068.60 30,661.33 1,770,224.78 28,750.14 446,250.10 144,376.42 1,283,775.79  38,689,634.90	246 17,429,297 382 697,529 34,081 97,632 1,738,733 29,234 298,248 3,307,749 14,482 699,204 10,038 132,731 34,367 218,994	214 15,177,744 333 607,421 29,678 85,020 1,514,120 25,457 259,720 2,880,447 12,611 608,879 8,741 115,585 29,927 190,704	169 12,812,583 305 582,983 29,922 90,421 1,706,650 30,533 333,845 4,765,583 23,263 1,462,284 24,896 406,528 138,993 1,311,314	10.49 10.61 10.73 10.79 10.85 10.91 10.97 11.02 11.08 11.24 11.30 11.40 11.45 11.50 11.55 11.60	16 1,207,595 28 54,030 2,758 8,288 155,574 2,771 30,130 423,984 2,059 128,271 2,174 35,350 12,034 113,044
INTER: PROBA	LLION CT STATION IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 40-S EAR 5-2043	0.5	23,720,271		2,176,100
2000 2016 2017 2018	3,369,999.81 214,778.94 243,524.71 104,974.09	1,947,528 61,267 61,935 23,114	1,711,942 53,856 54,443 20,318	1,860,258 173,810 203,693 90,955	15.55 17.98 18.12 18.27	119,631 9,667 11,241 4,978

### ACCOUNT 343.00 PRIME MOVERS - GENERAL

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)	
INTERI PROBAE	LION CT STATION M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 40-S EAR 5-2043					
2019	90,619.68	16,693	14,674	81,383	18.40	4,423	
2021	3,706.43	373	328	3,601	18.68	193	
2022	7,954,509.89	421,336	370,368	8,061,412	18.82	428,343	
	11,982,113.55	2,532,246	2,225,928	10,475,112		578,476	
INTERI PROBAE	A CT UNIT 4 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2036					
1993 1998 1999 2000 2008 2009 2012 2016 2017 2019 2020 2022	21,614,439.35 477,093.74 236,934.36 2,305,980.04 129,478.02 1,615,032.16 21,020.14 275,901.35 19,897.70 4,427,607.23 183,309.65 31,265.80 31,337,959.54	15,814,758 330,397 161,982 1,553,964 73,769 892,157 10,295 103,711 6,762 1,124,412 37,173 2,416 20,111,796	13,771,775 287,716 141,057 1,353,220 64,239 776,906 8,965 90,313 5,888 979,158 32,371 2,104 17,513,713	9,139,531 218,004 110,094 1,091,119 73,007 935,028 13,316 202,142 15,203 3,714,106 161,937 31,038 15,704,524	10.59 11.00 11.07 11.15 11.72 11.78 11.98 12.23 12.29 12.41 12.47 12.59	863,034 19,819 9,945 97,858 6,229 79,374 1,112 16,528 1,237 299,283 12,986 2,465	
INTERI PROBAE	CINCAP MADISON CT UNIT 5 INTERIM SURVIVOR CURVE IOWA 40-S0.5 PROBABLE RETIREMENT YEAR 5-2041 NET SALVAGE PERCENT5						
2022	452,491.43	26,003	22,644	452,472	17.10	26,460	
	452,491.43	26,003	22,644	452,472		26,460	

### ACCOUNT 343.00 PRIME MOVERS - GENERAL

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CTNCA	P MADISON CT 1-8	}				
	IM SURVIVOR CURV		30 5			
	BLE RETIREMENT Y					
	ALVAGE PERCENT		•			
2000	142,472,522.74	84,738,739	73,792,015	75,804,134	14.42	5,256,875
2003	41,588,523.99	23,271,961	20,265,641	23,402,309	14.82	1,579,103
2007	547,615.70	275,176	239,628	335,368	15.33	21,877
2008	2,343,171.32	1,138,222	991,184	1,469,146	15.46	95,029
2009	5,237.80	2,453	2,136	3,364	15.58	216
2014	3,846,523.27	1,380,761	1,202,391	2,836,458	16.19	175,198
2015	47,920.40	15,914	13,858	36,458	16.30	2,237
2016	6,022,755.15	1,820,902	1,585,674	4,738,219	16.42	288,564
2017	4,950,614.21	1,337,483	1,164,704	4,033,441	16.54	243,860
2018	96,289.61	22,698	19,766	81,338	16.65	4,885
2019	400,814.70	79,112	68,892	351,963	16.76	21,000
2020	2,996,806.79	465,421	405,297	2,741,350	16.88	162,402
2021	122,569.19	13,311	11,591	117,106	16.99	6,893
2022	457,598.62	26,297	22,900	457,579	17.10	26,759
	205,898,963.49	114,588,450	99,785,679	116,408,233		7,884,898
HENRY	COUNTY COMMON C	CT 1-3 (CADIZ	CINCAP)			
	IM SURVIVOR CURV					
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
2001	24,946,574.72	16,028,783	14,339,539	12,602,762	12.63	997,843
2003	635,646.18	393,233	351,791	334,707	12.82	26,108
2006	5,287.89	3,052	2,730	2,981	13.09	228
2008	81,268.97	44,263	39,598	48,172	13.27	3,630
2010	1,869,817.10	947,544	847,684	1,171,718	13.45	87,117
2011	1,683,108.89	817,991	731,784	1,085,973	13.53	80,264
2012	840,786.31	389,272	348,247	559,802	13.62	41,101
2013	251,174.89	110,108	98,504	172,765	13.70	12,611
2014	101,452.47	41,722	37,325	72,244	13.79	5,239
2015	1,985,001.54	758,863	678,888	1,464,914	13.87	105,617
2016	5,595,775.62	1,958,859	1,752,418	4,291,019	13.95	307,600
2017	2,480,067.71	781,498	699,137	1,979,336	14.03	141,079
(1) (1)	1 876 657 83	517,387	462,861	1,562,850	14.11	110 769
2018 2019	1,875,657.83 388,539.13	90,466	80,932	338,690	14.19	110,762 23,868

### ACCOUNT 343.00 PRIME MOVERS - GENERAL

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER: PROBA	COUNTY COMMON C IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	7E IOWA 40-S 7EAR 5-2038	30.5			
2020	429,215.58	79,189	70,843	392,709	14.27	27,520
2021	2,173,452.00	283,346	253,485	2,093,843	14.35	145,912
2022	2,704,180.98	187,497	167,737	2,752,778	14.43	190,768
	48,047,007.81	23,433,073	20,963,504	30,927,264		2,307,267
	LAND CT UNIT 1 IM SURVIVOR CURV	7F TOWA 40-9	30 5			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
2005	5,302,844.73	2,724,562	2,367,011	3,254,004	16.35	199,022
2007	3,933,457.10	1,900,150	1,650,789	2,518,676	16.66	151,181
2012	81,804.56	31,747	27,581	59,132	17.40	3,398
2013	178,446.89	65,148	56,598	132,555	17.55	7,553
2014	611,475.75	207,931	180,644	467,521	17.70	26,414
2015	13,808,328.26	4,332,062	3,763,555	10,873,273	17.84	609,488
2016	512,628.77	146,231	127,041	416,346	17.98	23,156
2020	49,291.25	7,130	6,194	46,054	18.54	2,484
2021	1,246.10	125	109	1,212	18.68	65
	24,479,523.41	9,415,086	8,179,522	17,768,773		1,022,761
INTER:	LAND CT UNIT 2 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	YEAR 5-2043				
2005	13,127,012.80	6,744,562	5,859,458	8,055,176	16.35	492,671
2003	177,526.86	64,812	56,307	131,872	17.55	7,514
2014	62,429.50	21,229	18,443	47,732	17.70	2,697
2017	932,007.97	237,034	205,927	782,001	18.12	43,157
2020	49,495.39	7,160	6,220	46,245	18.54	2,494
2021	1,033.54	104	90	1,005	18.68	54
2022	1,915,908.11	101,482	88,164	1,942,698	18.82	103,225
	16,265,414.17	7,176,383	6,234,610	11,006,729		651,812

### ACCOUNT 343.00 PRIME MOVERS - GENERAL

WHEATLAND CT UNIT 3 INTERIM SURVIVOR CURVE IOWA 40-S0.5 PROBABLE RETIREMENT YEAR 5-2043 NET SALVAGE PERCENT6  2005 9,150,201.20 4,701,306 4,084,343 5,614,871 16.35 343,41 2012 81,095.70 31,472 27,342 58,620 17.40 3,36	
2012 81,095.70 31,472 27,342 58,620 17.40 3,36	
2012 81,095.70 31,472 27,342 58,620 17.40 3,36	17
2013 2,258,640.17 824,596 716,382 1,677,776 17.55 95,60	00
2015 212,873.77 66,785 58,021 167,626 17.84 9,39	96
2016 1,491,115.84 425,351 369,531 1,211,052 17.98 67,35	
2017 93,494.61 23,778 20,658 78,447 18.12 4,32	
2019 578,695.42 106,600 92,611 520,807 18.40 28,30	
2020 49,088.68 7,101 6,169 45,865 18.54 2,47	
2021 978.88 99 86 952 18.68 5	51
13,916,184.27 6,187,088 5,375,142 9,376,013 554,29	97
WHEATLAND CT UNIT 4 INTERIM SURVIVOR CURVE IOWA 40-S0.5 PROBABLE RETIREMENT YEAR 5-2043 NET SALVAGE PERCENT6	
2005 13,624,407.12 7,000,120 6,081,478 8,360,393 16.35 511,33	39
2008 560,919.67 261,524 227,204 367,371 16.81 21,85	
2012 82,755.08 32,116 27,901 59,819 17.40 3,43	38
2013 2,077,035.63 758,295 658,782 1,542,876 17.55 87,91	13
2015 178,451.32 55,985 48,638 140,520 17.84 7,87	
2020 115,420.46 16,697 14,506 107,840 18.54 5,81	
2021 232,656.72 23,419 20,346 226,270 18.68 12,11	13
16,871,646.00 8,148,156 7,078,855 10,805,090 650,35	51
WHEATLAND COMMON CT 1-4 INTERIM SURVIVOR CURVE IOWA 40-S0.5 PROBABLE RETIREMENT YEAR 5-2043 NET SALVAGE PERCENT6	
2005 27,486.90 14,123 12,270 16,867 16.35 1,03	2.2
2005 27,486.90 14,123 12,270 16,867 16.35 1,03 2009 233.35 105 91 156 16.96	o⊿ 9
	25
	37
2015 805,298.32 252,645 219,490 634,126 17.84 35,54	
	34
2017 143,566.14 36,513 31,721 120,459 18.12 6,64	48



### ACCOUNT 343.00 PRIME MOVERS - GENERAL

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)		REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	LAND COMMON CT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	7E IOWA 40-S 7EAR 5-2043				
2018	70,808.81	15,591	13,545	61,512	18.27	3,367
2019	•		30,764			9,402
2020	63,727.69	9,219	8,009	59,542	18.54	3,212
	1,339,096.14	377,201	327,700	1,091,742		60,711
INTER PROBA	E CHP IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	YEAR 3-2057				
2021	16,000,277.84	1,083,932	888,382	16,071,913	28.56	562,742
	16,000,277.84	1,083,932	888,382	16,071,913		562,742
	544,046,539.94	292,960,849	255,574,224	337,332,679		24,649,434
	COMPOSITE REMAIN	NING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	г 13.	7 4.53

### ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

YEAR (1)	COST			FUTURE BOOK ACCRUALS (5)		
PROBAE	SVILLE IM SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 5-2035				
2017	1,245,751.84	630,134	1,457,530			
	1,245,751.84	630,134	1,457,530			
INTERI PROBAE	SVILLE CT UNIT 3 IM SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 5-2035				
	2,887,691.69 1,944,008.48					
	10,910,151.15			3,338,165	9.50	351,386
	15,741,851.32	5,842,491	15,079,801	3,338,165		351,386
INTERI PROBAE	SVILLE CT UNIT 4 M SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 5-2035				
2016	2,747,955.81	1,590,225	3,215,108			
2018	2,047,046.71 10,604,001.32	882,287 2 012 736	3,215,108 2,395,045 5,966,527	6,440,154	10 07	639,539
2021	15,399,003.84			6,440,154	10.07	639,539
INTERI PROBAE	SVILLE CT UNIT 5 IM SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 5-2035				
2016 2019 2021	32,942.67 12,026,126.31 2,239,906.00	19,064 4,253,392 425,155	38,543 10,987,940 1,098,318	3,082,628 1,522,372	8.84 10.07	348,714 151,179
	14,298,974.98	4,697,611	12,124,801	4,605,000		499,893

### ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
INTERI PROBAE	LION CT STATION M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 13-R EAR 5-2043				
2015 2016 2018 2019 2020 2021	1,281,308.00 630,629.19 2,841,489.27 1,387,222.85 1,453,130.15 2,028,891.74	753,277 330,122 1,093,589 432,094 343,614 322,594	1,358,186 668,467 3,011,979 1,470,456 1,211,605 1,137,487	328,713 1,013,138	10.10	32,546 91,687
	9,622,671.20	3,275,290	8,858,181	1,341,850		124,233
INTERI PROBAE	P MADISON CT UNI M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 13-R EAR 5-2041				
2022	1,573,075.50	124,706	321,873	1,329,856	12.00	110,821
	1,573,075.50	124,706	321,873	1,329,856		110,821
INTERI PROBAE	P MADISON CT 1-8 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 13-R EAR 5-2041				
2010	1,771,964.30	1,485,585	1,860,563			
2014	3,134,280.51	2,012,575	3,290,995			
2015	3,185,257.49	1,854,938	3,344,520			
2016	4,022,416.56	2,085,794	4,223,537			
2017	3,449,028.16	1,557,236	3,621,480			
2018	6,216,391.17	2,369,900	6,527,211			
2019	464,734.86	143,390	487,972			
2020	3,384,287.85	792,715	3,553,502			
2021 2022	2,277,360.73 4,226,809.57	358,684 335,080	2,391,229 4,242,141	196,009	12.00	16,334
4U44		335,000		190,009	14.00	·
	32,132,531.20	12,995,897	33,543,149	196,009		16,334

### ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERII PROBAB	COUNTY COMMON CT M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	E IOWA 13-R EAR 5-2038				
2015 2016 2019 2020 2021 2022	3,716,993.18 2,902,244.16 828,220.99 507,191.81 635,772.67 960,142.82	2,226,440 1,547,935 263,245 122,431 104,279 80,208	4,014,353 3,134,424 894,479 547,767 686,634 1,031,388	F 566	11.69	476
2022	9,550,565.63			5,566	11.09	476
INTERII PROBAB	AND CT UNIT 2 M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	EAR 5-2043				
2022	8,705,070.56	695,560	2,004,731	7,222,644	12.02	600,886
	8,705,070.56	695,560	2,004,731	7,222,644		600,886
INTERII PROBAB	AND CT UNIT 3 M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	EAR 5-2043				
2019	10,897,303.11	3,394,303	9,783,004	1,768,137	9.18	192,608
	10,897,303.11	3,394,303	9,783,004	1,768,137		192,608
INTERII PROBAB	AND CT UNIT 4 M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	EAR 5-2043				
2019	1,862,583.26	580,159	1,672,125	302,213	9.18	32,921
	1,862,583.26	580,159	1,672,125	302,213		32,921

### ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	E CHP IM SURVIVOR CURVI BLE RETIREMENT YI		_			
_	ALVAGE PERCENT					
2021	1,908,791.54	303,498	500,507	1,522,812	11.05	137,811
	1,908,791.54	303,498	500,507	1,522,812		137,811
	122,938,173.98	41,369,435	107,231,427	28,072,406		2,706,908
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	10.4	2.20

### ACCOUNT 344.00 GENERATORS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NOBLES	SVILLE IM SURVIVOR CURV	E IOWA 50-S	2			
	BLE RETIREMENT Y					
NET SA	ALVAGE PERCENT	-17				
1950	2,527,317.32	2,645,771	2,956,961			
1953	1,191.61	1,232	1,394			
1958	9,281.32	9,416	10,859			
1960	399,611.38	402,379	467,545			
1969	549,770.69	535,632	643,232			
1970	1,312.15	1,273	1,535			
1976	4,090.55	3,874	4,786			
1979	14,127.72	13,196	16,529			
1988	275,506.46	243,923	312,763	9,579	10.22	937
1989	18,756.30	16,483	21,135	810	10.31	79
1990	45,780.33	39,916	51,181	2,382	10.40	229
1991	571,623.36	494,236	633,720	35,079	10.49	3,344
1992	75,074.96	64,351	82,512	5,325	10.57	504
1993	29,471.52	25,023	32,085	2,397	10.66	225
1994	267,491.76	224,881	288,347	24,618	10.74	2,292
1995	590,874.72	491,531	630,252	61,072	10.82	5,644
1998	865.46	695	891	121	11.04	11
2000	17,809.46	13,896	17,818	3,019	11.18	270
2001	55,871.42	42,901	55,009	10,361	11.25	921
2003	19,483,679.17	14,440,294	18,515,658	4,280,247	11.37	376,451
2005	91,243.26	64,871	83,179	23,576	11.48	2,054
2007	256,665.56	173,570	222,555	77,743	11.58	6,714
2008	19,468.99	12,798	16,410	6,369	11.62	548
2009	149,252.62	95,057	121,884	52,741	11.66	4,523
2011	54,487.59	32,198	41,285	22,466	11.73	1,915
2012	2,294,141.84	1,296,040	1,661,811	1,022,335	11.76	86,933
2015	64,051.14	30,233	38,765	36,174	11.83	3,058
2017	148,857.64	58,477	74,980	99,183	11.87	8,356
2018	2,936,087.45	1,017,547	1,304,721	2,130,502	11.88	179,335
2020	182,907.14	43,087	55,247	158,754	11.90	13,341
2021	1,080,173.35	181,836	233,154	1,030,649	11.90	86,609
	32,216,844.24	22,716,617	28,598,205	9,095,503		784,293

### ACCOUNT 344.00 GENERATORS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	VILLE CT UNIT 3 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 50-S EAR 5-2035				
2003 2012 2014 2020 2022 2023	1,305,167.56 177,844.62 34,049.39 1,222,396.74 2,064,091.73 7,438.95	967,323 100,471 17,218 287,957 187,065 179	1,217,774 126,484 21,676 362,512 235,498 225	309,272 81,594 18,162 1,067,692 2,179,489 8,478 3,664,687	11.37 11.76 11.81 11.90 11.91	27,201 6,938 1,538 89,722 182,997 712
INTERI PROBAB	VILLE CT UNIT 4 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 50-S EAR 5-2035				
2003 2004 2012 2015 2019 2020 2021	1,229,701.09 1,230.00 111,534.40 84,549.93 1,011,943.21 61,822.88 1,219,853.75 3,720,635.26	911,391 894 63,010 39,909 298,042 14,563 205,350 1,533,159	1,147,360 1,125 79,324 50,242 375,208 18,334 258,517	291,390 314 51,171 48,682 808,765 53,999 1,168,711	11.37 11.43 11.76 11.83 11.89 11.90	25,628 27 4,351 4,115 68,021 4,538 98,211
INTERI PROBAB	VILLE CT UNIT 5 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 50-S EAR 5-2035				
2003 2012 2014 2019 2020	144,030.49 116,180.84 78,779.60 2,348,488.13 182,015.30	106,748 65,635 39,838 691,686 42,877	134,386 82,629 50,153 870,771 53,978	34,129 53,303 42,020 1,876,960 158,980	11.37 11.76 11.81 11.89 11.90	3,002 4,533 3,558 157,860 13,360
	2,869,494.36	946,784	1,191,917	2,165,391		182,313

### ACCOUNT 344.00 GENERATORS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM PROBABL	ION CT STATION SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	E IOWA 50-S EAR 5-2043				
2007 2008 2009 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023	14,238,780.95 1,748.13 2,081.44 13,398.60 38,514.96 290,178.67 232,042.89 88,046.97 257,097.33 483,442.46 581,605.12 95,354.31 27,748.51 138,739.10 372,813.56 81,681.48 162,050.65	67,791,555 852 976 6,027 15,714 111,815 83,894 29,586 79,353 135,066 144,551 20,502 4,964 19,402 36,305 4,163 2,140 68,486,865	85,186,026 1,071 1,226 7,573 19,746 140,505 105,420 37,177 99,714 169,722 181,641 25,763 6,238 24,380 45,620 5,231 2,689 86,059,744	35,907,082 782 980 6,629 21,080 167,084 140,545 56,152 172,809 342,727 434,860 75,313 23,176 122,683 349,562 81,351 169,085	17.40 18.57 18.71 18.84 19.08 19.19 19.28 19.37 19.45 19.53 19.59 19.65 19.70 19.74 19.77	2,063,625 42 52 352 1,105 8,707 7,290 2,899 8,885 17,549 22,198 3,833 1,176 6,215 17,681 4,109 8,531 2,174,249
INTERIM PROBABL	CT UNIT 4 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	EAR 5-2036				
1993 2004 2009 2013 2017	7,348,697.59 1,154.91 954,796.31 1,622,198.37 10,321.37 9,937,168.55	5,541,224 738 531,233 754,650 3,482 6,831,327	6,975,909 929 668,775 950,037 4,384 8,600,034	813,711 295 343,309 769,493 6,557	11.41 12.32 12.60 12.76 12.85	71,316 24 27,247 60,305 510
INTERIM PROBABL	MADISON CT 1-8 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	EAR 5-2041				
2000 2003	61,291,586.84 8,348,057.42	37,406,378 4,763,239	47,091,310 5,996,495	17,264,856 2,768,965	15.98 16.41	1,080,404 168,736

### ACCOUNT 344.00 GENERATORS

### CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	MADISON CT 1-8 M SURVIVOR CURV BLE RETIREMENT Y LLVAGE PERCENT	E IOWA 50-S EAR 5-2041				
2004 2008 2017 2020	21,045.59 123,861.80 466,348.48 3,683.71	11,705 60,621 123,964 558	14,736 76,316 156,060 702	7,362 53,738 333,606 3,165		445 3,157 18,848 178
	70,254,583.84	42,366,465	53,335,619	20,431,694		1,271,768
INTERI PROBAE	COUNTY COMMON C M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 50-S EAR 5-2038	2			
2001	21,518,206.65	14,140,638	17,801,809	5,437,855	13.77	394,906
2003		1,964,767	2,473,467	892,415	13.97	63,881
2004	90,494.82	55,750	70,184	27,550	14.06	1,959
2006	51,871.92	30,322	38,173	17,849	14.23	1,254
2010	1,959.43	997	1,255	861	14.51	59
2011	293.82	143	180	137	14.57	9
2012	3,575.72	1,655	2,083	1,778	14.62	122
2013	16,917.25	7,397	9,312	8,958	14.67	611
2014	321.29	132	166	181	14.71	12
2016	322,124.69	111,702	140,623	207,272	14.78	14,024
2017	39,076.30	12,153	15,300	26,903	14.81	1,817
2018	16,251.18 21,222.95	4,425 3,848	5,571 4,844	11,981 18,076		808 1,216
2020 2021	30,237.38	3,869	4,844	27,786	14.88	1,216
2021	30,237.30	3,009	4,0/1	27,700	14.00	1,00/
	25,229,111.49	16,337,798	20,567,838	6,679,602		482,545
CAYUGA	DIESEL					
	M SURVIVOR CURV	E IOWA 50-S	2			
PROBAE	BLE RETIREMENT Y	EAR 5-2029				
NET SA	LVAGE PERCENT	-6				



47,268.67

59,488.45

1999

2001

2005

1972 673,202.44 636,198 713,595

40,259

47,546

188,385.11 157,626 199,688 59.488.45 47.546 63,058

50,105

63,058

### ACCOUNT 344.00 GENERATORS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABI	DIESEL 1 SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	AR 5-2029	2			
2008 2016 2018	563,146.24 335,190.46 83,434.82	428,474 192,652 40,532	593,449 266,829 56,138	3,486 88,473 32,303	5.91	594 14,970 5,466
	1,950,116.19	1,543,287	1,942,861	124,262		21,030
INTERIN PROBABI	AND CT UNIT 1 1 SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	AR 5-2043	2			
2005 2023	3,499,970.64 2,386,164.87	1,824,006 31,516		1,413,708 2,489,659		77,379 125,613
	5,886,135.51	1,855,522	2,335,937	3,903,367		202,992
INTERIN PROBABI	AND CT UNIT 2 1 SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	AR 5-2043	2			
2005	4,059,676.06	2,115,696	2,663,474	1,639,783	18.27	89,753
	4,059,676.06	2,115,696	2,663,474	1,639,783		89,753
INTERIN PROBABI	AND CT UNIT 3 1 SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	AR 5-2043	2			
2005	4,059,676.06	2,115,696	2,663,473	1,639,784	18.27	89,753
	4,059,676.06	2,115,696	2,663,473	1,639,784		89,753

### ACCOUNT 344.00 GENERATORS

YEAR (1)	COST	ACCRUED	ALLOC. BOOK RESERVE (4)		LIFE	
INTER PROBA	LAND CT UNIT 4 IM SURVIVOR CURV BLE RETIREMENT V BALVAGE PERCENT.	YEAR 5-2043				
2005 2021			2,548,538 61,970			85,880 23,968
	4,389,971.24	2,073,623	2,610,508	2,042,862		109,848
INTER PROBA	CLAND COMMON CT I LIM SURVIVOR CURV BLE RETIREMENT Y BALVAGE PERCENT.	/E IOWA 50-8 /EAR 5-2043				
2010 2013 2015 2016 2019 2020	3,694.76 4,363.41 23,841.95	1,503 1,336 1,347 6,661 686 72,250	1,892 1,682 1,696 8,386 864 90,956	1,816 2,235 2,929 16,887 3,201 456,686	19.45 19.53 19.70	96 116 151 865 162 23,135
	555,876.09	83,783	105,475	483,754		24,525
INTER PROBA	JE CHP LIM SURVIVOR CURV BLE RETIREMENT Y BALVAGE PERCENT.	YEAR 3-2057				
2021	12,454,708.91	771,128	1,888,361	11,313,630	32.24	350,919
	12,454,708.91	771,128	1,888,361	11,313,630		350,919
	299,500,311.92	171,337,963	216,457,727	105,612,617		6,457,389
	COMPOSITE REMAIN	NING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	г 16.4	2.16

### ACCOUNT 344.66 GENERATORS - SOLAR

YEAR (1)		ACCRUED	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)		ANNUAL ACCRUAL (7)
INTER	SOLAR IM SURVIVOR CURVE BLE RETIREMENT YE ALVAGE PERCENT	CAR 5-2047				
2017	32,498,248.87	8,045,890	7,864,189	27,233,920	19.77	1,377,538
	32,498,248.87	8,045,890	7,864,189	27,233,920		1,377,538
INTER PROBA	ATTERBURY MICROGR IM SURVIVOR CURVE BLE RETIREMENT YE ALVAGE PERCENT	C IOWA 30-S CAR 5-2045				
2019	5,395,191.11	923,739	902,879	4,546,264	19.40	234,344
	5,395,191.11	923,739	902,879	4,546,264		234,344
	37,893,439.98	8,969,629	8,767,068	31,780,184		1,611,882
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAI	RATE, PERCENT	19.7	4.25

### ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
NOBLES	VILLE					
INTERI	M SURVIVOR CURVE	E IOWA 40-S	30.5			
PROBAB	LE RETIREMENT Y	EAR 5-2035	5			
NET SA	LVAGE PERCENT	-17				
1950	961,014.44	1,055,799	1,124,387			
1952	5,380.14	5,804	6,295			
1958	4,140.35	4,230	4,844			
1959	2,782.68	2,819	3,256			
1960	698.80	703	818			
1961	5,184.59	5,174	6,066			
1965	11,988.15	11,652	13,893	133	6.75	20
1966	44.82	43	51	1	6.94	
1967	22,940.54	22,037	26,276	564	7.12	79
1971	4,440.03	4,175	4,978	217	7.75	28
1972	10,383.84	9,716	11,585	564	7.89	71
1973	2,944.25	2,741	3,268	177	8.03	22
1976	220.64	202	241	17	8.40	2
1978	2,178.09	1,978	2,358	190	8.62	22
1980	15,297.64	13,747	16,391	1,507	8.84	170
1981	36,897.42	32,981	39,325	3,845	8.94	430
1989	5,592.83	4,763	5,679	864	9.64	90
1991	6,510.02	5,461	6,511	1,105	9.80	113
1992	38,213.25	31,803	37,921	6,789	9.87	688
1995	102,320.55	82,855	98,793	20,922	10.09	2,074
2003	699,551.55	509,656	607,693	210,783	10.61	19,866
2011	858,601.82	504,763	601,858	402,706	11.08	36,345
2012	89,970.09	50,696	60,448	44,817	11.13	4,027
2013	495,109.70	265,223	316,241	263,037	11.19	23,506
2015	193,504.46	91,396	108,977	117,423	11.30	10,391
2016	368,351.75	160,571	191,458	239,513	11.35	21,102
2018	169,764.49	59,272	70,673	127,951	11.45	11,175
2019	10,850.23	3,227	3,848	8,847	11.50	769
2020	20,407.18	4,858	5,792	18,084	11.55	1,566
2022	1,118,331.96	103,433	123,329	1,185,119	11.65	101,727
	5,263,616.30	3,051,778	3,503,255	2,655,176		234,283

### ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

	COST		RESERVE	FUTURE BOOK ACCRUALS (5)	LIFE	ACCRUAL
INTERIM PROBABL	ILLE CT UNIT 3 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	CAR 5-2035	).5			
	784,874.53 36,347.79	571,818 8,652	618,938 9,365	299,365 33,162		
	821,222.32	580,470	628,303	332,527		31,086
INTERIM PROBABL	ILLE CT UNIT 4 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	CAR 5-2035	).5			
2003 2014	680,595.82 236,327.48	495,846 119,618		259,592 147,028	10.61 11.24	
2023	4,807.59	118	128	5,497		•
	921,730.89	615,582	666,308	412,117		38,018
INTERIM PROBABL	ILLE CT UNIT 5 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	CAR 5-2035	).5			
2003				290,043		27,337
2011 2020	35,880.47 17,106.27		22,832 4,408	19,148 15,607		1,728 1,351
	813,419.02	579,177	626,903	324,797		30,416
INTERIM PROBABL	ION CT STATION SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	CAR 5-2043	).5			
2000	2,044.27	1,181	2,167			
2009 2011	4,842.01 1,580.98	2,172 647	5,133 1,590	85	17.26	5
2013	29,771.65	10,869	26,717	4,841	17.55	276
2014 2015	87,520.23 41,032.86	29,761 12,873	73,154 31,642	19,617 11,852	17.70 17.84	1,108 664
2016	28,841.49	8,227	20,222	10,350	17.98	576
2019	26,355.20	4,855	11,934	16,003	18.40	870

### ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)		FUTURE BOOK ACCRUALS (5)		ANNUAL ACCRUAL (7)
INTERI PROBAB	LION CT STATION M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 40-S EAR 5-2043				
2020 2021 2022	84,163.06 237,950.08 31,910.74	12,175 23,951 1,690	29,927 58,873 4,154	59,286 193,354 29,671	18.68	
	576,012.57	108,401	265,513	345,061		18,625
INTERI PROBAB	CT UNIT 4 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2036				
1993 2002 2003 2004 2005 2009 2010 2020 2021	4,389,963.72 2,851.49 14,174.48 7,439.21 8,328.57 31,813.09 26,025.86 703,926.42 92,368.24 5,276,891.08	1,861 9,087 4,677 5,126 17,574 13,875 142,748 13,302	3,429,755 1,987 9,703 4,994 5,473 18,765 14,816 152,424 14,204 3,652,121	1,223,607 1,035 5,322 2,892 3,355 14,957 12,772 593,738 83,707 1,941,384	11.30 11.37 11.44 11.51 11.78 11.85 12.47	115,544 92 468 253 291 1,270 1,078 47,613 6,681
INTERI PROBAB	MADISON CT UNI M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 40-S EAR 5-2041				
2013	50,087.23	19,239	20,824	31,768	16.07	1,977
	50,087.23	19,239	20,824	31,768		1,977
INTERI PROBAB	MADISON CT UNIT M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 40-S EAR 5-2041				
2013	46,568.87	17,888	19,362	29,535	16.07	1,838
	46,568.87	17,888	19,362	29,535		1,838



### ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	MADISON CT UNI					
	IM SURVIVOR CURV BLE RETIREMENT Y					
	ALVAGE PERCENT					
2013	48,262.40	18,538	20,066	30,610	16.07	1,905
	48,262.40	18,538	20,066	30,610		1,905
	40,202.40	10,536	20,000	30,010		1,905
	MADISON CT UNI					
	IM SURVIVOR CURV BLE RETIREMENT Y					
	ALVAGE PERCENT		•			
2013	48,377.98	18,583	20,114	30,683	16.07	1,909
	48,377.98	18,583	20,114	30,683		1,909
	MADISON CT 1-8					
	M SURVIVOR CURV					
	BLE RETIREMENT Y ALVAGE PERCENT					
2000	10,370,882.82	6,168,316	6,609,786	4,279,641	14.42	296,785
2008	11,859.15	5,761	6,173	6,279	15.46	406
2009	49,699.65	23,272	24,938	27,247	15.58	1,749
2010	676,730.16	304,158	325,927	384,640	15.70	24,499
2012	1,160,252.56	472,626	506,452	711,813	15.95	44,628
2013	216,975.21	83,343	89,308	138,516	16.07	8,620
2014	72,527.34	26,035	27,898	48,255	16.19	2,981
2015	242,507.85	80,535	86,299	168,334	16.30	10,327
2017	196,243.55	53,018	56,813	149,243	16.54	9,023
2019 2021	7,587.85 290,833.61	1,498 31,585	1,605 33,846	6,362 271,530	16.76 16.99	380 15,982
2021	82,238.75	4,726	5,064	81,286	17.10	4,754
	13,378,338.50	7,254,873	7,774,108	6,273,147		420,134
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### ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERII PROBAB	COUNTY COMMON C M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 40-S EAR 5-2038	0.5			
2001 2006 2007 2009 2010 2013 2016 2019 2020 2022	3,912,280.87 41,403.87 11,705.94 138,945.95 76,689.72 32,743.09 127,929.94 166,385.44 35,347.89 431,482.84	2,513,736 23,901 6,572 73,131 38,863 14,354 44,783 38,741 6,522 29,917	2,720,876 25,871 7,114 79,157 42,065 15,537 48,473 41,933 7,059 32,382	1,504,387 18,846 5,529 70,904 40,759 19,826 89,691 137,763 31,116 433,619		119,112 1,440 419 5,307 3,030 1,447 6,429 9,708 2,181 30,050
	4,974,915.55	2,790,520	3,020,468	2,352,441		179,123
INTERII PROBAB	DIESEL M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2029				
1972	191,154.72	177,006	202,624			
1995 2017	8,574.07 672,466.54	7,395 358,845	8,791 426,596	297 286,219	5.48 5.81	54 49,263
	872,195.33	543,246	638,011	286,516		49,317
INTERII PROBAB	AND CT UNIT 1 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2043				
2005 2008 2015 2021	446,361.10 41,297.25 31,702.57 37,102.09	229,337 19,254 9,946 3,735	248,235 20,841 10,766 4,043	224,908 22,934 22,839 35,285	16.35 16.81 17.84 18.68	13,756 1,364 1,280 1,889
	556,463.01	262,272	283,884	305,967		18,289

### ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM PROBABL	ND CT UNIT 2 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	EAR 5-2043				
2005	432,462.92	222,196	240,506	217,905	16.35	13,328
2012	101,171.44	39,263	42,498	64,743	17.40	3,721
2015	31,267.22	9,809	10,617	22,526	17.84	1,263
2021	29,949.23	3,015	3,263	28,483	18.68	1,525
	594,850.81	274,283	296,885	333,657		19,837
INTERIM PROBABL	ND CT UNIT 3 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	EAR 5-2043				
2005	446,730.72	229,527	248,441	225,093	16.35	13,767
2008	22,605.23	10,539	11,407	12,554		747
2015	30,936.98	9,706	10,506	22,287		1,249
2021	25,145.32	2,531	2,740	23,914	18.68	1,280
	525,418.25	252,303	273,094	283,849		17,043
INTERIM PROBABL	ND CT UNIT 4 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	EAR 5-2043				
2005	150,845.43	77,503	83,889	76,007	16.35	4,649
2008	34,610.13	16,137	17,467	19,220		1,143
2015	30,792.46	9,660	10,456	22,184		1,243
2021	30,513.34	3,071	3,324	29,020	18.68	1,554
	246,761.36	106,371	115,136	146,431		8,589
INTERIM PROBABL	ND COMMON CT 1 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	TE IOWA 40-S TEAR 5-2043				
2013	1,058,712.51	386,520	418,371	703,864	17.55	40,106
2017	212,517.91	54,049	58,503	166,766	18.12	9,203

### ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)		ALLOC. BOOK RESERVE (4)		REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	AND COMMON CT 1 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 40-S EAR 5-2043				
	33,548.83 712,272.05 2,356.76			28,873 643,482 2,363	18.54	34,708
2022	2,019,408.06			1,545,348	10.02	85,712
PROBAB	CHP M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 3-2057				
2021 2022	8,897,167.90 2,372.14	602,735 82	347,033 47	9,083,965 2,467		318,066 85
	8,899,540.04	602,817	347,080	9,086,432		318,151
	45,934,079.57	21,066,530	22,766,660	26,747,446		1,649,542
		ITNG I TOO AND	ANDITAL ACCRETAT		T 16	2 50

### ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	SOLAR IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2047				
2017 2022	5,242,228.96 4,750.89	1,275,900 218	655,763 112	5,005,844 5,019	20.59 22.50	243,120 223
	5,246,979.85	1,276,118	655,875	5,010,863		243,343
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCEN	г 20.6	4.64

### ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
NOBLESV	ILLE					
INTERIM	SURVIVOR CURVI	E IOWA 40-S	0.5			
PROBABL	E RETIREMENT Y	EAR 5-2035				
NET SAL	VAGE PERCENT	-17				
1937	1,386.27	1,622	1,622			
1938	36.96	43	43			
1939	238.53	279	279			
1940	53.86	63	63			
1944	298.13	346	266	83	0.37	83
1945	691.10	794	610	199	0.73	199
1946	43.42	49	38	13	1.07	12
1947	348.97	394	303	106	1.42	75
1948	1,011.10	1,131	869	314	1.76	178
1949	433.61	481	370	138	2.11	65
1950	102,740.59	112,874	86,721	33,485	2.44	13,723
1951	901.59	982	754	300	2.78	108
1951	2,472.02	2,667	2,049		3.12	270
		488	375	843 159	3.45	46
1953	456.46					
1955	1,034.56	1,086	834	376	4.12	91
1956	234.71	244	187	87	4.45	20
1957	6,380.84	6,575	5,052	2,414	4.77	506
1958	10,553.06	10,782	8,284	4,063	5.07	801
1959	757.03	767	589	296	5.36	55
1962	47.41	47	36	19	6.11	3
1963	167.67	165	127	69	6.34	11
1964	143.17	140	108	60	6.55	9
1965	68.49	67	51	29	6.75	4
1966	566.84	548	421	242	6.94	35
1967	278.32	267	205	120	7.12	17
1968	2,163.42	2,067	1,588	943	7.29	129
1969	343.35	326	250	151	7.45	20
1970	532.45	503	386	237	7.60	31
1971	5,493.01	5,166	3,969	2,458	7.75	317
1972	3,932.55	3,679	2,827	1,774	7.89	225
1973	749.16	697	536	341	8.03	42
1974	6,708.32	6,215	4,775	3,074	8.15	377
1975	52,932.98	48,787	37,483	24,448	8.28	2,953
1976	5,322.70	4,881	3,750	2,477	8.40	295
1977	3,937.15	3,594	2,761	1,845	8.51	217
1978	1,805.49	1,640	1,260	852	8.62	99
1979	15,914.02	14,378	11,047	7,573	8.73	867
1980	20,298.70	18,241	14,015	9,735	8.84	1,101
1981	17,863.67	15,968	12,268	8,632	8.94	966
1982	6,369.83	5,665	4,352	3,100	9.03	343
1985	5,598.36	4,893	3,759	2,791	9.31	300
	-,320.00	-,020	5 , . 5 5	-,		230

### ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
NOBLEST	77T.T.F					
	M SURVIVOR CURV	F T∩WA 40-9	:0 5			
	LE RETIREMENT Y					
	LVAGE PERCENT		,			
1411 0111	aviion i nitoniti	<b>1</b> ,				
1986	15,390.29	13,372	10,274	7,733	9.39	824
1987	8,805.91	7,601	5,840	4,463	9.48	471
1988	13,200.64	11,320	8,697	6,748	9.56	706
1989	11,020.86	9,385	7,211	5,684	9.64	590
1990	44,823.69	37,892	29,113	23,331	9.72	2,400
1991	29,707.85	24,919	19,145	15,613	9.80	1,593
1992	11,734.31	9,766	7,503	6,226	9.87	631
1993	604.85	499	383	324	9.94	33
1994	16,396.33	13,404	10,298	8,885	10.02	887
1997	2,027.56	1,608	1,235	1,137	10.22	111
1998	4,566.85	3,580	2,751	2,593	10.29	252
1999	29,011.76	22,455	17,252	16,692	10.36	1,611
2000	100,180.54	76,513	58,785	58,426	10.42	5,607
2001	40,159.58	30,222	23,220	23,767	10.49	2,266
2002	8,475.49	6,280	4,825	5,091	10.55	483
2003	1,516,020.80	1,104,493	848,585	925,159	10.61	87,197
2005	6,798.58	4,766	3,662	4,293	10.73	400
2006	24,130.40	16,543	12,710	15,523	10.79	1,439
2007	24,134.96	16,147	12,406	15,832	10.85	1,459
2008	90,777.11	59,105	45,411	60,799	10.91	5,573
2009	45,773.78	28,912	22,213	31,342	10.97	2,857
2010	348,297.82	212,768	163,470	244,038	11.02	22,145
2011	528,026.08	310,421	238,497	379,293	11.08	34,232
2012	106,410.17	59,959	46,067	78,433	11.13	7,047
2013	238,432.29	127,724	98,131	180,835	11.19	16,160
2014	77,786.18	39,372	30,250	60,760	11.24	5,406
2015	423,366.53	199,963	153,632	341,707	11.30	30,240
2016	977,229.15	425,992	327,291	816,067	11.35	71,900
2017	211,819.32	83,664	64,279	183,549	11.40	16,101
2018	27,880.07	9,734	7,479	25,141	11.45	2,196
2019	477,882.69	142,140	109,207	449,916	11.50	39,123
2022	154,554.88	14,295	10,983	169,846	11.65	14,579
2023	126,231.85	3,093	2,376	145,315	11.69	12,431
	6,022,969.04	3,407,508	2,618,464	4,428,410		413,543

### ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERII PROBABI	VILLE CT UNIT 3 M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	EAR 5-2035	0.5			
2003 2008 2011 2022	1,776,844.66 34,893.73 163,516.63 198,506.12	1,294,515 22,719 96,130 18,360	994,757 17,458 73,870 14,109	1,084,151 23,367 117,444 218,144	10.61 10.91 11.08 11.65	102,182 2,142 10,600 18,725
	2,173,761.14	1,431,724	1,100,194	1,443,107		133,649
INTERII PROBABI	VILLE CT UNIT 4 M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	EAR 5-2035				
2003 2008 2021	1,859,393.31 35,978.77 183,545.04	1,354,656 23,426 31,310	1,040,972 18,001 24,060	1,134,518 24,094 190,688	10.61 10.91 11.60	106,929 2,208 16,439
	2,078,917.12	1,409,392	1,083,033	1,349,300		125,576
INTERII PROBABI	VILLE CT UNIT 5 M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	EAR 5-2035	0.5			
2003	1,859,482.33	1,354,721	1,041,022	1,134,573	10.61	106,934
2015 2021	54,617.20 128,687.49	25,797 21,952	19,823 16,869	44,079 133,696	11.30 11.60	3,901 11,526
2022	63,161.70	5,842	4,489	69,410	11.65	5,958
	2,105,948.72	1,408,312	1,082,203	1,381,757		128,319
INTERII PROBABI	CT UNIT 4 M SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	EAR 5-2036				
1993 1996 1999 2003 2004	801,515.08 26,536.96 128,358.46 514.50 2,432.85	586,449 18,824 87,753 330 1,530	450,651 14,465 67,433 254 1,176	398,955 13,664 68,627 292 1,403	10.59 10.84 11.07 11.37 11.44	37,673 1,261 6,199 26 123

### ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIN PROBABI	CT UNIT 4 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2036				
2006 2007 2010 2011 2012 2013	12,979.10 9,058.61 773.43 9,797.08 1,184.22 3,310.85	7,807 5,309 412 5,021 580 1,541	5,999 4,080 317 3,858 446 1,184	7,759 5,522 503 6,527 810 2,325	11.58 11.65 11.85 11.91 11.98 12.04	670 474 42 548 68 193
2014 2015 2016 2017 2018 2019 2022	12,277.14 3,239.69 201,920.04 880.15 3,278.51 22,566.10 6,290.08	5,378 1,324 75,901 299 981 5,731 486	4,133 1,017 58,325 230 754 4,404 373	8,881 2,417 155,710 703 2,721 19,516 6,294	12.11 12.17 12.23 12.29 12.35 12.41 12.59	733 199 12,732 57 220 1,573 500
INTERIN PROBABI	1,246,912.85  MADISON CT 1-8  M SURVIVOR CURV  LE RETIREMENT Y  LVAGE PERCENT	E IOWA 40-S EAR 5-2041		702,630		63,291
2006 2007 2008 2009 2010 2011 2013 2014 2015 2016 2017 2019 2022 2023	21,499.96 26,655.75 4,235.01 9,397.00 26,881.26 18,023.95 19,293.55 109,872.08 345,150.53 759,151.63 445,816.43 661,797.44 80,350.01 13,691.94	11,141 13,394 2,057 4,400 12,082 7,734 7,411 39,440 114,622 229,520 120,444 130,625 4,617 206	8,561 10,292 1,581 3,381 9,284 5,943 5,695 30,307 88,080 176,372 92,554 100,377 3,548	14,014 17,696 2,866 6,486 18,941 12,982 14,563 85,058 274,328 620,737 375,553 594,510 80,820 14,218	15.20 15.33 15.46 15.58 15.70 15.83 16.07 16.19 16.30 16.42 16.54 16.76 17.10	922 1,154 185 416 1,206 820 906 5,254 16,830 37,804 22,706 35,472 4,726 828
	2,541,816.54	697,693	536,135	2,132,772		129,229

### ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	
INTERIM PROBABI	COUNTY COMMON C I SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 40-S EAR 5-2038	0.5			
2003 2005 2006 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2022	2,495.01 7,302.23 1,799.98 89,014.70 64,733.34 59,892.50 20,433.02 35,113.31 895,088.74 701.26 6,891.36 31,981.55 78,176.57 299,066.53	1,544 4,323 1,039 43,261 29,971 26,255 8,403 13,424 313,335 221 1,901 7,446 14,423 20,736	1,186 3,322 798 33,244 23,031 20,175 6,457 10,316 240,779 170 1,461 5,722 11,083 15,934	1,508 4,564 1,146 62,892 46,881 44,508 15,610 27,607 725,917 588 5,982 28,818 73,347 307,057	14.43	118 351 88 4,648 3,442 3,249 1,132 1,990 52,037 42 424 2,031 5,140 21,279
2023	25,867.90 1,618,558.00	474 486,756	364 374,043	27,573 1,374,000	14.48	1,904 97,875
PROBABI	DIESEL 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2029				
1972	311.15	288	221	109	4.87	22
	311.15	288	221	109		22
INTERIM PROBABI	AND CT UNIT 1 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 5-2043				
2005 2016	477,653.62 95,454.66	245,415 27,229	188,586 20,924	317,727 80,258	16.35 17.98	19,433 4,464
	573,108.28	272,644	209,510	397,985		23,897

### ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	COST			FUTURE BOOK ACCRUALS (5)	LIFE	ACCRUAL
INTERIM PROBABI	AND CT UNIT 2 I SURVIVOR CURVI E RETIREMENT YI LVAGE PERCENT	EAR 5-2043				
2005 2016	477,108.17 96,554.34		188,372 21,165	317,363 81,182		· ·
	573,662.51	272,678	209,537	398,545		23,926
INTERIM PROBABI	AND CT UNIT 3 1 SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2043				
	481,973.97 98,020.22			320,600 82,415		
	579,994.19	275,596	211,779	403,015		24,193
INTERIM PROBABI	AND CT UNIT 4 1 SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 5-2043				
2005 2016	475,161.64 100,478.71		187,603 22,025	316,068 84,482		19,331 4,699
	575,640.35	272,797	209,628	400,551		24,030
INTERIM PROBABI	AND COMMON CT 1- 1 SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 40-S EAR 5-2043				
2005 2007 2008 2011 2012 2013 2014 2015 2016 2017	1,783,599.92 123,769.63 12,986.88 52,719.53 36,450.87 209,496.25 158,533.15 193,787.26 806,213.92 136,893.89	916,400 59,790 6,055 21,582 14,146 76,484 53,909 60,797 229,978 34,816	704,198 45,945 4,653 16,584 10,870 58,773 41,426 46,719 176,724 26,754	1,186,418 85,251 9,113 39,298 27,768 163,293 126,619 158,696 677,863 118,354	16.35 16.66 16.81 17.26 17.40 17.55 17.70 17.84 17.98 18.12	72,564 5,117 542 2,277 1,596 9,304 7,154 8,896 37,701 6,532

### ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)			ANNUAL ACCRUAL (7)		
INTER PROBA	LAND COMMON CT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 40-S EAR 5-2043						
2018	40,134.00	8,837	6,791	35,751	18.27	1,957		
2019		•	2,033	13,191		717		
2021	2,807.37	283 513	217	2,758				
2023	37,124.23	513	394	38,957	18.92	2,059		
	3,608,879.07	1,486,236	1,142,082	2,683,330		156,564		
INTER PROBA	PURDUE CHP INTERIM SURVIVOR CURVE IOWA 40-S0.5 PROBABLE RETIREMENT YEAR 3-2057 NET SALVAGE PERCENT6							
2021	323,348.53	21,905	15,880	326,869	28.56	11,445		
	323,348.53	21,905	15,880	326,869		11,445		
	24,023,827.49	12,249,185	9,411,807	17,422,380		1,355,559		
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCEN	г 12.	9 5.64		

### ACCOUNT 348.01 BATTERY STORAGE

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2019 2020	7,985,541.91 12,517,139.02	2,108,183 2,495,041	2,039,384 2,413,618	5,946,158 10,103,521	11.04 12.01	538,601 841,259
	20,502,680.93	4,603,224	4,453,002	16,049,679		1,379,860
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	11.6	6.73

### ACCOUNT 350.10 RIGHTS OF WAY

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1910	70,612.99	68,954	70,613			
1917	177.74	170	178			
1922	2,577.06	2,423	2,577			
1923	19,615.24	18,375	19,615			
1924	391,740.71	365,690	391,741			
1925	10,449.32	9,719	10,449			
1926	74,144.78	68,714	74,145			
1927	14,321.76	13,223	14,322			
1928	15,466.58	14,227	15,467			
1929	85,542.58	78,390	85,543			
1930	40,560.09	37,021	40,560			
1931	451,167.17	410,111	451,167			
1932	2,385.46	2,159	2,385			
1933	2,013.35	1,815	2,013			
1934	5,465.31	4,904	5,465			
1935	227,118.00	202,844	227,118			
1936	279.31	248	279			
1937	2,207.13	1,952	2,207			
1938	1,792.02	1,577	1,792			
1939	1,968.06	1,722	1,968	4.0		
1940	13,188.71	11,474	13,146	43	10.40	4
1941	137,190.14	118,635	135,919	1,271	10.82	117
1942	183,519.60	157,713	180,691	2,829	11.25	251
1943	292,513.99	249,696	286,075	6,439	11.71	550
1944	15,079.63	12,784	14,647	433	12.18	36
1945	77,666.34	65,356	74,878	2,788	12.68	220
1946	48,520.50	40,515	46,418	2,102	13.20	159
1947	67,223.04	55,686	63,799	3,424	13.73	249
1948	56,748.48	46,612	53,403	3,345	14.29	234
1949	134,331.88	109,362	125,295	9,037	14.87	608
1950	230,249.93	185,754	212,817	17,433	15.46	1,128
1951	134,869.82	107,777	123,479	11,391	16.07	709
1952	468,290.72	370,535	424,519	43,772	16.70	2,621
1953	1,376,702.96	1,078,124	1,235,198	141,505	17.35	8,156
1954	510,143.25	395,361	452,962	57,181	18.00	3,177
1955	654,505.97	501,757	574,859	79,647	18.67	4,266
1956	291,217.11	220,815	252,986	38,231	19.34	1,977
1957	405,713.58	304,131	348,440	57,274	20.03	2,859
1958	393,656.73	291,700	334,198	59,459	20.72	2,870
1959	669,125.98	489,967	561,351	107,775	21.42	5,032
1960	302,923.74	219,129	251,054	51,870	22.13	2,344
1961	836,510.07	597,586	684,649	151,861	22.85	6,646
1962	364,906.43	257,350	294,844	70,062	23.58	2,971



### ACCOUNT 350.10 RIGHTS OF WAY

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIV	OR CURVE IOWA	80-R4				
NET SA	LVAGE PERCENT	0				
1963	236,971.47	164,932	188,961	48,010	24.32	1,974
1964	575,794.98	395,427	453,038	122,757	25.06	4,899
1965	88,460.24	59,910	68,638	19,822	25.82	768
1966	195,972.96	130,835	149,897	46,076	26.59	1,733
1967	500,595.87	329,392	377,382	123,214	27.36	4,503
1968	56,773.13	36,796	42,157	14,616	28.15	519
1969	75,339.65	48,086	55,092	20,248	28.94	700
1970	281,582.98	176,905	202,679	78,904	29.74	2,653
1971	662,045.87	409,144	468,753	193,293	30.56	6,325
1972	423,770.12	257,546	295,068	128,702	31.38	4,101
1973	21,908.10	13,087	14,994	6,914	32.21	215
1974	2,986,067.37	1,752,463	2,007,782	978,285	33.05	29,600
1975	222,511.19	128,222	146,903	75,608	33.90	2,230
1976	3,284,654.47	1,857,866	2,128,542	1,156,112	34.75	33,269
1977	731,189.86	405,628	464,725	266,465	35.62	7,481
1978	2,418,910.08	1,315,597	1,507,269	911,641	36.49	24,983
1979	166,284.56	88,610	101,520	64,765	37.37	1,733
1980	82,359.87	42,971	49,232	33,128	38.26	866
1981	2,113,184.94	1,079,034	1,236,240	876,945	39.15	22,400
1982	172,115.98	85,951	98,473	73,643	40.05	1,839
1983	188,931.13	92,198	105,630	83,301	40.96	2,034
1984	229,389.79	109,304	125,229	104,161	41.88	2,487
1985	124,393.75	57,843	66,270	58,124	42.80	1,358
1986	40,174.07	18,219	20,873	19,301	43.72	441
1987	79,145.53	34,963	40,057	39,089	44.66	875
1988	119,296.73	51,312	58,788	60,509	45.59	1,327
1989	228,453.34	95,580	109,505	118,948	46.53	2,556
1990	86,418.36	35,129	40,247	46,171	47.48	972
1991	284,176.00	112,142	128,480	155,696	48.43	3,215
1992	148,816.71	56,940	65,236	83,581	49.39	1,692
1993	781,577.12	289,668	331,870	449,707	50.35	8,932
1994	828,783.04	297,218	340,520	488,263	51.31	9,516
1995	411,325.46	142,524	163,289	248,036	52.28	4,744
1996	673,571.89	225,310	258,136	415,436	53.24	7,803
1998	44,361.49	13,757	15,761	28,600	55.19	518
1999	41,955.43	12,498	14,319	27,636	56.17	492
2000	321,576.31	91,849	105,231	216,345	57.15	3,786
2001	243,274.72	66,506	76,195	167,080	58.13	2,874
2002	909,396.73	237,462	272,058	637,339	59.11	10,782
2003	95,717.37	23,810	27,279	68,438	60.10	1,139
2004	408,676.90	96,603	110,677	298,000	61.09	4,878
2005	69,642.47	15,608	17,882	51,760	62.07	834
2006	156,841.72	33,211	38,050	118,792	63.06	1,884



### ACCOUNT 350.10 RIGHTS OF WAY

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA					
2007	1,451,346.16	289,369	331,528	1,119,818	64.05	17,483
2008	45,904.74	8,579	9,829	36,076	65.05	555
2009	425,243.66	74,205	85,016	340,228	66.04	5,152
2010	55,052.10	8,925	10,225	44,827	67.03	669
2011	118,774.51	17,771	20,360	98,415	68.03	1,447
2012	116,184.91	15,946	18,269	97,916	69.02	1,419
2013	724,273.92	90,353	103,517	620,757	70.02	8,865
2014	1,257,012.88	141,100	161,657	1,095,356	71.02	15,423
2015	292,375.22	29,202	33,456	258,919	72.01	3,596
2016	364,701.07	31,868	36,511	328,190	73.01	4,495
2017	1,919,082.37	143,701	164,637	1,754,445	74.01	23,706
2018	843,111.97	52,593	60,256	782,856	75.01	10,437
2019	507,600.69	25,380	29,077	478,524	76.00	6,296
2020	295,127.50	11,067	12,679	282,448	77.00	3,668
2021	203,752.28	5,094	5,836	197,916	78.00	2,537
2022	894,095.47	11,176	12,805	881,290	79.00	11,156
2023	16,648.92	52	60	16,589	79.75	208
	40,427,081.38	19,136,494	21,849,876	18,577,206		392,226

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 47.4 0.97

### ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA /AGE PERCENT					
1928	1,635.56	1,508	1,408	309	8.55	36
1929	85,198.35	78,225	73,014	16,444	8.79	1,871
1932	5,823.71	5,281	4,929	1,186	9.54	124
1935	1,224.77	1,096	1,023	263	10.32	25
1936	375.13	334	312	82	10.60	8
1937	1,507.40	1,337	1,248	335	10.88	31
1941	8,434.99	7,327	6,839	2,018	12.09	167
1943	34,807.53	29,891	27,900	8,648	12.75	678
1944	80,219.41	68,479	63,917	20,313	13.09	1,552
1945	73,246.65	62,132	57,993	18,916	13.45	1,406
1946	227.19	191	178	61	13.82	4
1947	114.22	96	90	30	14.20	2
1948	1,283.67	1,067	996	352	14.59	24
1949	11,691.53	9,647	9,004	3,272	14.99	218
1950	21,501.80	17,607	16,434	6,143	15.41	399
1951	9,271.44	7,534	7,032	2,703	15.83	171
1952	88,335.70	71,194	66,452	26,300	16.27	1,616
1953	556,382.42	444,577	414,962	169,240	16.73	10,116
1954	245,985.46	194,858	181,878	76,407	17.19	4,445
1955	53,587.25	42,063	39,261	17,006	17.67	962
1956	25,790.76	20,055	18,719	8,361	18.16	460
1957	230,322.78	177,372	165,557	76,282	18.66	4,088
1958	33,262.92	25,356	23,667	11,259	19.18	587
1959	53,176.86	40,122	37,449	18,387	19.70	933
1960	109,323.24	81,599	76,163	38,626	20.24	1,908
1961	153,240.22	113,114	105,579	55,323	20.79	2,661
1962	53,223.31	38,840	36,253	19,631	21.35	919
1963	60,394.59	43,547	40,646	22,768	21.93	1,038
1964	47,524.95	33,854	31,599	18,302	22.51	813
1965	92,415.41	65,014	60,683	36,353	23.10	1,574
1966	55,121.56	38,274	35,724	22,154	23.71	934
1967	23,126.98	15,847	14,791	9,492	24.32	390
1968	88,523.68	59,820	55,835	37,115	24.95	1,488
1969	99,825.74	66,499	62,069	42,748	25.59	1,670
1970	27,242.67	17,886	16,695	11,910	26.23	454
1971	82,132.48	53,123	49,584	36,655	26.88	1,364
1972	242,181.34	154,209	143,937	110,353	27.55	4,006
1973	12,295.60	7,706	7,193	5,717	28.22	203
1974	215,392.55	132,789	123,943	102,219	28.90	3,537
1975	174,818.03	105,967	98,908	84,651	29.59	2,861
1976	60,127.89	35,815	33,429	29,705	30.29	981
1977	110,588.17	64,711	60,400 246,614	55,718	30.99	1,798
1978	459,905.52	264,214	240,014	236,287	31.70	7,454

### ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1979	365,322.39	205,876	192,162	191,427	32.43	5,903
1980	99,870.73	55,204	51,527	53,337	33.15	1,609
1981	200,205.03	108,442	101,218	108,997	33.89	3,216
1982	332,560.76	176,442	164,689	184,500	34.63	5,328
1983	111,979.11	58,151	54,277	63,301	35.38	1,789
1984	33,789.50	17,162	16,019	19,460	36.14	538
1985	501.40	249	232	294	36.90	8
1986	552,513.89	267,856	250,013	330,127	37.68	8,761
1987	27,589.41	13,057	12,187	16,782	38.45	436
1988	220,716.23	101,839	95,055	136,697	39.24	3,484
1989	408,163.08	183,488	171,265	257,306	40.03	6,428
1990	679,532.66	297,326	277,520	435,989	40.83	10,678
1991	36,065.69	15,348	14,326	23,543	41.63	566
1992	801,172.93	331,201	309,139	532,093	42.44	12,538
1993	785,695.32	315,142	294,149	530,831	43.26	12,271
1994	1,312,007.07	510,114	476,134	901,473	44.08	20,451
1995	1,123,220.52	422,726	394,567	784,815	44.91	17,475
1996	29,878.32	10,873	10,149	21,223	45.74	464
1997	274,761.66	96,523	90,093	198,407	46.58	4,259
1998	1,278,076.34	432,883	404,047	937,933	47.42	19,779
1999	278,724.94	90,851	84,799	207,862	48.27	4,306
2000	387,310.23	121,246	113,169	293,507	49.13	5,974
2001	46,190.13	13,864	12,940	35,560	49.99	711
2002	24,324.57	6,984	6,519	19,022	50.86	374
2003	36,650.40	10,044	9,375	29,108	51.73	563
2004	3,019.25	788	736	2,434	52.60	46
2005	234,122.29	58,016	54,151	191,677	53.48	3,584
2006	155,172.32	36,381	33,958	128,973	54.37	2,372
2007	4,838,251.38	1,069,730	998,472	4,081,692	55.26	73,863
2008	108,326.63	22,505	21,006	92,737	56.15	1,652
2009	2,598,551.95	504,769	471,145	2,257,335	57.05	39,568
2010	1,011,156.69	182,764	170,590	891,125	57.95	15,377
2011	3,358,418.65	561,182	523,800	3,002,540	58.86	51,012
2012	3,529,810.27	541,639	505,559	3,200,742	59.77 60.68	53,551
2013	7,107,839.41 5,635,628.71	993,655	927,465	6,535,766		107,709
2014 2015	1,686,624.33	710,089 189,244	662,788 176,638	5,254,622 1,594,318	61.60 62.52	85,302 25,501
	728,064.66		66,766			
2016 2017	3,259,647.61	71,531 275,282	256,944	697,702 3,165,686	63.45 64.37	10,996 49,180
2017	74,948.43	5,284		73,764		1,130
2018	4,501,333.94	253,855	4,932 236,945	4,489,456	65.30 66.24	67,776
2019	4,010,507.98	253,855 170,252		4,489,456		60,326
Z U Z U	T,UIU,UU/.00	110,232	158,911	7,002,122	67.17	00,320

### ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA					
NEI S	ALVAGE PERCENI	-5				
2021	3,542,046.19	100,417	93,728	3,625,420	68.11	53,229
2022	20,978,775.79	295,832	276,125	21,751,590	69.06	314,967
2023	2,153,262.93	7,755	7,239	2,253,687	69.76	32,306
	82,753,143.15	12,614,038	11,773,775	75,117,025		1,263,332
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	59.5	1.53

### ACCOUNT 353.00 STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1922	17.51	19	19	1	2.52	
1924	42,042.67	45,520	45,365	2,984	3.16	944
1925	3,638.82	3,916	3,903	282	3.47	81
1926	81.24	87	87	6	3.77	2
1927	5,626.62	5,983	5,963	508	4.07	125
1928	6,328.23	6,688	6,665	612	4.37	140
1930	91.29	95	95	10	4.96	2
1931	2,467.83	2,562	2,553	285	5.26	54
1932	2,374.04	2,449	2,441	289	5.56	52
1935	238.97	242	241	34	6.48	5
1936	83.55	84	84	12	6.80	2
1937	2,184.39	2,181	2,174	338	7.12	47
1938	4,991.31	4,949	4,932	808	7.44	109
1939	165.25	163	162	28	7.77	4
1940	564.44	552	550	99	8.10	12
1941	4,904.48	4,760	4,744	896	8.43	106
1942	1,046.86	1,008	1,005	199	8.77	23
1943	0.25					
1944	216,801.96	205,643	204,941	44,381	9.46	4,691
1945	97,375.41	91,618	91,305	20,677	9.82	2,106
1946	9,812.12	9,159	9,128	2,156	10.17	212
1947	1,144.35	1,059	1,055	261	10.54	25
1948	77,768.38	71,381	71,137	18,297	10.90	1,679
1949	356,027.62	323,906	322,800	86,632	11.28	7,680
1950	524,342.41	472,904	471,289	131,705	11.65	11,305
1951	162,252.82	145,022	144,527	42,064	12.03	3,497
1952	44,723.20	39,602	39,467	11,965	12.42	963
1953	4,239,952.16	3,719,273	3,706,572	1,169,373	12.81	91,286
1954	4,727,475.26	4,106,642	4,092,618	1,343,979	13.21	101,740
1955	2,193,125.12	1,886,425	1,879,983	642,111	13.61	47,179
1956	552,746.41	470,622	469,015	166,643	14.02	11,886
1957	1,790,328.32	1,508,704	1,503,552	555,326	14.43	38,484
1958	561,070.84	467,793	466,196	179,035	14.85	12,056
1959	741,482.32	611,577	609,489	243,216	15.27	15,928
1960	1,821,356.40	1,485,588	1,480,515 1,911,397	614,045	15.70	39,111
1961 1962	2,378,770.28 482,643.02	1,917,947 384,620	383,307	824,189	16.14 16.58	51,065
1962	228,566.34			171,732		10,358
1963	380,679.22	179,956 296,071	179,341 295,060	83,510 142,721	17.03 17.48	4,904 8,165
1965	584,961.10	449,219	447,685	225,020	17.40	12,543
1966	522,754.85	396,326	394,973	206,195	18.40	11,206
1967	698,017.61	522,218	520,435	282,285	18.87	14,959
1968	1,481,805.89	1,093,455	1,089,721	614,356	19.35	31,750
1700	_, 101,000.00	1,000,100	1,000,121	011,000		51,750



### ACCOUNT 353.00 STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
1969	707,493.34	514,841	513,083	300,534	19.83	15,156
1970	2,975,663.35	2,134,309	2,127,020	1,294,993	20.32	63,730
1971	1,720,110.26	1,215,440	1,211,289	766,838	20.82	36,832
1972	4,011,267.04	2,791,716	2,782,182	1,830,775	21.32	85,871
1973	257,874.73	176,670	176,067	120,489	21.83	5,519
1974	2,788,806.63	1,880,339	1,873,918	1,333,210	22.34	59,678
1975	5,866,311.57	3,890,365	3,877,080	2,869,178	22.86	125,511
1976	2,235,087.42	1,457,003	1,452,027	1,118,324	23.39	47,812
1977	4,333,774.36	2,776,199	2,766,718	2,217,123	23.92	92,689
1978 1979	10,622,198.43 6,887,410.26	6,682,383 4,252,132	6,659,563 4,237,611	5,555,965 3,682,911	24.46 25.01	227,145 147,258
1980	2,168,155.58	1,312,714	1,308,231	1,185,148	25.57	46,349
1981	6,697,712.87	3,975,270	3,961,695	3,740,675	26.13	143,156
1982	17,922,164.89	10,423,549	10,387,953	10,222,537	26.69	383,010
1983	10,599,958.44	6,036,342	6,015,728	6,174,224	27.26	226,494
1984	2,688,217.19	1,497,622	1,492,508	1,598,942	27.84	57,433
1985	508,809.83	277,071	276,125	309,006	28.43	10,869
1986	3,309,836.28	1,760,762	1,754,749	2,051,563	29.02	70,695
1987	753,861.36	391,406	390,069	476,872	29.62	16,100
1988	7,369,740.39	3,732,224	3,719,479	4,755,722	30.22	157,370
1989	6,923,283.86	3,416,159	3,404,493	4,557,283	30.83	147,820
1990	12,054,826.05	5,791,705	5,771,927	8,091,123	31.44	257,351
1991	4,797,356.52	2,241,541	2,233,886	3,283,074	32.06	102,404
1992	8,702,583.77	3,949,446	3,935,959	6,072,012	32.69	185,745
1993	12,369,118.31	5,447,409	5,428,807	8,795,679	33.32	263,976
1994	15,972,376.40	6,816,635	6,793,357	11,574,876	33.96	340,839
1995	17,692,793.25	7,309,760	7,284,798	13,061,914	34.60	377,512
1996	3,500,058.84	1,398,349	1,393,574	2,631,494	35.24	74,673
1997	6,099,124.34	2,352,283	2,344,250	4,669,743	35.89	130,113
1998	13,976,027.45	5,193,806	5,176,070	10,896,362	36.55	298,122
1999	3,686,514.44	1,318,185	1,313,683	2,925,809	37.21	78,630
2000	31,804,049.18	10,924,850	10,887,542	25,687,115	37.87	678,297
2001	9,389,020.05	3,091,288	3,080,731	7,716,642	38.54	200,224
2002	4,140,993.77	1,304,303	1,299,849	3,462,294	39.21	88,301
2003	23,250,888.85	6,991,589	6,967,713	19,770,809	39.88	495,757
2004	13,569,272.64	3,883,845	3,870,582	11,734,082	40.56	289,302
2005	13,457,380.24	3,659,761	3,647,263	11,828,724	41.23	286,896
2006	14,920,808.65	3,838,453	3,825,345	13,333,585	41.92	318,072
2007 2008	24,532,743.78 7,991,660.96	5,955,974	5,935,635 1,816,510	22,277,020 7,373,900	42.60 43.29	522,935
2008	5,433,587.73	1,822,734 1,159,495	1,155,535	5,093,091	43.29	170,337 115,805
2009	23,175,988.30	4,604,999	4,589,273	22,063,114	43.98	493,913
2010	19,577,385.59	3,597,961	3,585,674	18,928,319	45.37	417,199
2011	17,311,303.33	J, J, I, JUL	5,505,074	10,720,319	10.01	111,199



### ACCOUNT 353.00 STATION EQUIPMENT

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2012	14,781,305.24	2,496,230	2,487,706	14,510,795	46.07	314,973
2013	51,564,958.45	7,939,637	7,912,524	51,387,178	46.77	1,098,721
2014	26,853,742.19	3,734,536	3,721,783	27,160,021	47.47	572,151
2015	23,076,202.24	2,860,226	2,850,459	23,687,174	48.18	491,639
2016	27,479,959.95	2,984,489	2,974,297	28,627,657	48.90	585,433
2017	46,503,588.66	4,347,853	4,333,005	49,146,122	49.61	990,650
2018	67,043,725.97	5,225,857	5,208,011	71,892,274	50.34	1,428,134
2019	34,426,409.53	2,155,300	2,147,940	37,442,431	51.06	733,303
2020	62,539,265.80	2,943,692	2,933,640	68,986,516	51.79	1,332,043
2021	38,346,239.31	1,208,731	1,204,603	42,893,572	52.52	816,709
2022	96,724,148.48	1,523,889	1,518,685	109,714,086	53.26	2,059,972
2023	3,718,860.87	15,054	15,003	4,261,687	53.81	79,199
	909,453,535.04	211,622,369	210,899,698	834,971,868		19,392,313

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 43.1 2.13

### ACCOUNT 354.00 TOWERS AND FIXTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1937	1,980,088.29	2,303,302	2,478,527	293,597	13.53	21,700
1940	380,311.52	434,069	467,091	65,345	14.78	4,421
1945	300,948.55	331,269	356,470	64,858	17.10	3,793
1947	5,589.74	6,054	6,515	1,311	18.11	72
1949	1,980.02	2,108	2,268	504	19.17	26
1950	432,394.15	456,133	490,833	114,519	19.72	5,807
1953	2,617,040.94	2,682,383	2,886,446	777,411	21.43	36,277
1954	366,411.25	371,779	400,062	112,914	22.02	5,128
1955	663,031.06	665,783	716,433	211,810	22.62	9,364
1956	62,958.47	62,547	67,305	20,837	23.23	897
1957	506,683.28	497,791	535,661	173,696	23.86	7,280
1958	1,528,636.03	1,484,966	1,597,935	542,155	24.49	22,138
1959	1,379,081.75	1,324,238	1,424,980	505,734	25.13	20,125
1960	144,242.42	136,838	147,248	54,691	25.79	2,121
1961	947,079.80	887,539	955,059	370,853	26.45	14,021
1962	282,332.69	261,271	281,147	114,119	27.12	4,208
1963	405,544.33	370,465	398,648	169,114	27.80	6,083
1964	223,186.07	201,187	216,492	95,968	28.49	3,368
1965	491,652.86	437,162	470,419	217,895	29.19	7,465
1966	466,521.79	409,108	440,231	212,900	29.89	7,123
1967	419,263.32	362,383	389,951	197,018	30.61	6,436
1968	278,213.34	236,963	254,990	134,509	31.33	4,293
1969	412,350.29	345,941	372,259	205,031	32.06	6,395
1970	665,099.16	549,372	591,166	339,973	32.80	10,365
1971	115,521.32	93,925	101,070	60,660	33.54	1,809
1972	794,770.72	635,618	683,973	428,706	34.30	12,499
1973	13,965.75	10,983	11,819	7,733	35.06	221
1974	8,168,996.25	6,314,373	6,794,741	4,641,854	35.83	129,552
1975	989,940.88	751,860	809,058	576,859	36.60	15,761
1976	6,844,959.43	5,105,313	5,493,702	4,089,241	37.38	109,396
1977	2,187,774.46	1,601,521	1,723,357	1,339,527	38.17	35,094
1978	15,390,760.76	11,053,644	11,894,554	9,652,511	38.96	247,754
1979	170,679.28	120,192	129,336	109,615	39.76	2,757
1980	1,839,370.92	1,269,225	1,365,782	1,209,337	40.57	29,809
1981	12,731,423.41	8,602,215	9,256,632	8,567,361	41.39	206,991
1982	96,532.97	63,840	68,697	66,449	42.21	1,574
1983	71,302.35	46,130	49,639	50,184	43.03	1,166
1984	45,758.44	28,932	31,133	32,929	43.87	751
1985	116,818.68	72,143	77,631	85,915	44.71	1,922
1986	1,125,390.87	678,462	730,076	845,471	45.55	18,561
1987	48,554.06	28,550	30,722	37,254	46.40	803
1988	66,965.39	38,368	41,287	52,465	47.26	1,110
1989	72,340.43	40,359	43,429	57,848	48.12	1,202

### ACCOUNT 354.00 TOWERS AND FIXTURES

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1990	266,491.58	144,616	155,618	217,470	48.99	4,439
1991	158,665.21	83,688	90,055	132,076	49.86	2,649
1996	831,730.26	373,919	402,365	762,057	54.31	14,032
1999	372,793.33	149,788	161,183	360,728	57.04	6,324
2007	496,842.78	134,769	145,022	550,558	64.50	8,536
2008	5,424.02	1,382	1,487	6,107	65.44	93
2009	4,094.82	975	1,049	4,684	66.40	71
2011	16,902,876.78	3,457,788	3,720,840	19,943,187	68.31	291,951
2012	1,934,935.64	363,319	390,959	2,317,951	69.27	33,463
2013	376,219.21	64,258	69,146	457,561	70.24	6,514
2016	343.69	41	44	437	73.14	6
2017	3,152.94	324	349	4,065	74.12	55
2018	6,723.24	578	622	8,791	75.09	117
2019	216,100.72	14,861	15,992	286,549	76.07	3,767
2020	206,987.57	10,687	11,500	278,283	77.05	3,612
2021	934,737.37	32,219	34,670	1,273,962	78.03	16,327
2022	663,025.85	11,371	12,236	916,000	79.02	11,592
2023	22,984.25	100	107	32,071	79.75	402
	89,256,596.75	56,220,987	60,498,018	64,461,217		1,431,588

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 45.0 1.60

### ACCOUNT 355.00 POLES AND FIXTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIV	OR CURVE IOWA	45-R1				
NET SA	LVAGE PERCENT	-30				
1937	45,401.87	57,081	12,462-	71,484	1.48	48,300
1940	83,423.41	102,474	22,373-	130,823	2.48	52,751
1942	233.63	283	62-	366	3.10	118
1943	1,141.49	1,372	300-	1,784	3.39	526
1945	208,751.47	247,314	53,995-	325,372	3.99	81,547
1946	7,996.69	9,407	2,054-	12,450	4.28	2,909
1948	1,411.69	1,636	357-	2,192	4.89	448
1949	1,876.19	2,157	471-	2,910	5.20	560
1950	973,741.05	1,110,871	242,530-	1,508,393	5.51	273,756
1951	187,598.50	212,337	46,358-	290,236	5.82	49,869
1952	8,088.25	9,078	1,982-	12,497	6.15	2,032
1953	1,452,228.65	1,616,455	352,912-	2,240,809	6.47	346,338
1954	312,372.81	344,721	75,261-	481,346	6.80	70,786
1955	664,735.81	727,041	158,731-	1,022,888	7.14	143,262
1956	372,318.11	403,561	88,107-	572,121	7.48	76,487
1957	332,085.11	356,593	77,853-	509,564	7.83	65,078
1958	336,877.08	358,331	78,232-	516,172	8.18	63,102
1959	233,684.94	246,137	53,738-	357,528	8.54	41,865
1960	230,533.80	240,420	52,490-	352,184	8.90	39,571
1961	406,912.19	420,015	91,700-	620,686	9.27	66,956
1962	366,425.44	374,204	81,698-	558,051	9.65	57,829
1963	272,203.19	274,991	60,037-	413,901	10.03	41,266
1964	386,789.12	386,392	84,359-	587,185	10.42	56,352
1965	260,174.98	256,978	56,105-	394,332	10.81	36,478
1966	495,091.57	483,287	105,513-	749,132	11.21	66,827
1967	561,256.59	541,388	118,198-	847,832	11.61	73,026
1968	333,254.78	317,416	69,300-	502,531	12.03	41,773
1969	278,901.79	262,259	57,258-	419,830	12.45	33,721
1970	466,579.46	433,079	94,552-	701,105	12.87	54,476
1971	1,028,290.19	941,679	205,592-	1,542,369	13.30	115,968
1972	426,689.18	385,331	84,127-	638,823	13.74	46,494
1973	375,970.37	334,640	73,060-	561,821	14.19	39,593
1974	1,518,008.43	1,331,401	290,678-	2,264,089	14.64	154,651
1975	979,017.80	845,648	184,626-	1,457,349	15.10	96,513
1976	416,686.28	354,267	77,345-	619,037	15.57	39,758
1977	930,313.66	778,326	169,928-	1,379,336	16.04	85,994
1978	297,727.74	244,872	53,462-	440,508	16.53	26,649
1979	1,713,702.88	1,385,210	302,425-	2,530,239	17.02	148,663
1980	4,447,311.19	3,531,863	771,093-	6,552,598	17.51	374,220
1981	1,671,516.87	1,302,827	284,439-	2,457,411	18.02	136,371
1982	1,058,787.23	809,640	176,764-	1,553,187	18.53	83,820
1983	2,701,851.23	2,025,500	442,216-	3,954,623	19.05	207,592
1984	755,934.43	555,126	121,198-	1,103,913	19.58	56,380

### ACCOUNT 355.00 POLES AND FIXTURES

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	VOR CURVE IOWA	45-R1				
	ALVAGE PERCENT					
1985	467,380.36	335,933	73,342-	680,936	20.12	33,844
1986	669,266.95	470,600	102,744-	972,791	20.66	47,086
1987	1,927,577.62	1,324,768	289,229-	2,795,080	21.21	131,781
1988	1,535,866.63	1,030,699	225,027-	2,221,654	21.77	102,051
1989	1,884,912.84	1,233,917	269,394-	2,719,781	22.34	121,745
1990	4,605,162.67	2,938,817	641,616-	6,628,327	22.91	289,320
1991	6,944,750.97	4,315,468	942,173-	9,970,349	23.49	424,451
1992	2,635,978.22	1,593,072	347,807-	3,774,579	24.08	156,752
1993	5,890,249.45	3,457,741	754,910-	8,412,234	24.68	340,852
1994	3,348,113.77	1,907,374	416,427-	4,768,975	25.28	188,646
1995	5,300,242.11	2,924,525	638,496-	7,528,811	25.90	290,688
1996	1,272,971.00	679,966	148,453-	1,803,315	26.51	68,024
1997	1,098,875.60	566,973	123,784-	1,552,322	27.14	57,197
1998	1,083,564.13	539,352	117,754-	1,526,387	27.77	54,965
1999 2000	4,036,173.38 4,490,993.78	1,935,575 2,069,324	422,584-	5,669,609 6,290,076	28.40 29.05	199,634 216,526
2000	4,729,166.89	2,009,324	451,784- 456,362-	6,604,279	29.03	222,366
2001	1,670,569.36	707,032	154,362-	2,326,102	30.35	76,643
2002	5,504,850.00	2,224,824	485,734-	7,642,039	31.01	246,438
2003	5,420,164.75	2,087,230	455,694-	7,501,908	31.67	236,877
2005	4,442,302.51	1,624,679	354,707-	6,129,700	32.34	189,539
2006	5,955,467.94	2,062,807	450,362-	8,192,470	33.01	248,181
2007	9,450,268.73	3,090,502	674,733-	12,960,082	33.68	384,801
2008	7,661,294.52	2,354,867	514,125-	10,473,808	34.36	304,826
2009	14,953,129.29	4,302,449	939,330-	20,378,398	35.04	581,575
2010	9,481,275.53	2,539,086	554,345-	12,880,003	35.73	360,481
2011	8,974,707.67	2,224,570	485,678-	12,152,798	36.42	333,685
2012	17,946,384.35	4,090,501	893,057-	24,223,357	37.11	652,745
2013	35,764,721.06	7,428,833	1,621,897-	48,116,034	37.81	1,272,574
2014	41,196,614.42	7,723,788	1,686,293-	55,241,892	38.51	1,434,482
2015	13,365,808.00	2,235,712	488,111-	17,863,661	39.21	455,589
2016	21,125,984.25	3,100,386	676,891-	28,140,671	39.92	704,927
2017	51,652,532.94	6,520,771	1,423,645-	68,571,938	40.63	1,687,717
2018	36,870,420.37	3,887,728	848,787-	48,780,333	41.35	1,179,694
2019	41,063,429.11	3,475,732	758,838-	54,141,296	42.07	1,286,934
2020	14,838,881.74	947,359	206,832-	19,497,378	42.79	455,653
2021	50,405,127.95	2,155,172	470,526-	65,997,192	43.52	1,516,480
2022	43,913,967.68	938,529	204,904-	57,293,062	44.26	1,294,466
2023	9,335,339.57	51,214	11,181-	12,147,123	44.81	271,081
	530,518,385.25	119,811,775	26,157,859-	715,831,760		21,621,991

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 33.1 4.08



### ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1937	1,309,548.55	1,889,225	1,605,120	621,113	9.84	63,121
1940	392,884.72	556,825	473,089	194,815	10.81	18,022
1941	6,244.32	8,796	7,473	3,142	11.14	282
1942	24,808.38	34,725	29,503	12,671	11.48	1,104
1943	99,944.15	138,982	118,082	51,823	11.83	4,381
1944	628.74	869	738	331	12.18	27
1945	708,115.51	971,560	825,455	378,341	12.54	30,171
1946	26,994.66	36,776	31,246	14,645	12.91	1,134
1947	45,951.78	62,146	52,800	25,318	13.29	1,905
1948	28,031.27	37,631	31,972	15,681	13.67	1,147
1949	190,742.50	254,121	215,906	108,356	14.06	7,707
1950	2,491,791.70	3,293,695	2,798,383	1,437,663	14.46	99,423
1951	37,033.46	48,554	41,252	21,705	14.87	1,460
1952	390,951.28	508,279	431,843	232,774	15.29	15,224
1953	3,794,111.47	4,890,060	4,154,684	2,295,305	15.72	146,012
1954	1,206,290.84	1,541,179	1,309,414	741,280	16.15	45,900
1955	1,813,712.08	2,295,895	1,950,634	1,132,677	16.60	68,234
1956	581,796.14	729,615	619,894	369,159	17.05	21,652
1957	875,852.43	1,087,856	924,262	564,687	17.51	32,249
1958	977,709.42	1,202,334	1,021,525	640,581	17.98	35,627
1959	2,184,859.34	2,659,411	2,259,484	1,454,777	18.46	78,807
1960	453,267.46	545,907	463,813	306,742	18.95	16,187
1961	1,786,905.76	2,128,757	1,808,631	1,229,109	19.45	63,193
1962	920,803.23	1,084,673	921,558	643,807	19.96	32,255
1963	671,222.51	781,730	664,172	476,906	20.47	23,298
1964	1,262,019.36	1,452,286	1,233,889	911,544	21.00	43,407
1965	633,092.24	719,607	611,391	464,866	21.54	21,582
1966	1,076,428.88	1,208,320	1,026,611	803,318	22.08	36,382
1967	1,094,616.49	1,212,994	1,030,582	830,266	22.63	36,689
1968	344,569.81	376,696	320,048	265,721	23.20	11,453
1969	790,512.80	852,431	724,241	619,631	23.77	26,068
1970	886,163.32	942,121	800,443	706,035	24.35	28,995
1971	1,695,346.77	1,776,693	1,509,511	1,372,579	24.93	55,057
1972	923,238.26	953,051	809,730	759,775	25.53	29,760
1973	406,573.31	413,219	351,078	340,097	26.14	13,011
1974	10,066,219.29	10,070,065	8,555,711	8,556,862	26.75	319,883
1975	1,447,855.87	1,424,928	1,210,645	1,250,710	27.37	45,696
1976	5,678,916.01	5,495,436	4,669,023	4,985,134	28.00	178,040
1977	3,621,821.62	3,444,157	2,926,219	3,230,878	28.64	112,810
1978	12,362,930.25	11,546,309	9,809,955	11,207,026	29.29	382,623
1979	1,304,807.37	1,196,438	1,016,516	1,201,657	29.94	40,136
1980	4,096,926.65	3,685,968	3,131,666	3,833,109	30.60	125,265
1981	9,815,426.79	8,658,816	7,356,688	9,329,538	31.27	298,354

### ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SIIRVIV	OR CURVE IOWA	65-R2				
	ALVAGE PERCENT					
NHI DI	HVIIOH THICHITI	7 0				
1982	1,934,840.58	1,672,441	1,420,936	1,868,293	31.95	58,476
1983	2,937,172.38	2,486,610	2,112,669	2,880,524	32.63	88,278
1984	1,032,665.70	855,348	726,719	1,028,813	33.33	30,867
1985	323,681.52	262,176	222,750	327,509	34.03	9,624
1986	1,194,875.05	945,950	803,696	1,227,592	34.73	35,347
1987	602,259.15	465,612	395,592	628,249	35.44	17,727
1988	1,104,594.22	833,166	707,873	1,169,937	36.16	32,354
1989	1,803,675.30	1,326,030	1,126,619	1,939,629	36.89	52,579
1990	2,848,624.64	2,039,874	1,733,114	3,109,548	37.62	82,657
1991	1,723,160.02	1,200,603	1,020,054	1,909,318	38.36	49,774
1992	2,058,422.66	1,393,814	1,184,210	2,315,109	39.11	59,195
1993	5,982,143.28	3,933,313	3,341,815	6,827,829	39.86	171,295
1994	3,130,926.08	1,996,391	1,696,170	3,626,404	40.62	89,276
1995	3,988,475.89	2,462,848	2,092,481	4,687,928	41.39	113,262
1996	737,704.70	440,665	374,397	879,701	42.16	20,866
1997	1,207,518.95	696,673	591,906	1,460,876	42.94	34,021
1998	1,250,341.78	695,873	591,226	1,534,355	43.72	35,095
1999	3,603,327.91	1,930,991	1,640,605	4,485,052	44.51	100,765
2000	5,404,075.71	2,782,904	2,364,406	6,822,523	45.31	150,574
2001	8,641,398.68	4,269,318	3,627,291	11,063,087	46.11	239,928
2002	7,703,717.12	3,642,741	3,094,939	10,001,380	46.92	213,158
2003	3,478,710.87	1,571,240	1,334,954	4,578,854	47.73	95,932
2004	3,432,647.33	1,477,724	1,255,501	4,579,999	48.54	94,355
2005	3,199,039.23	1,307,710	1,111,054	4,327,313	49.37	87,651
2006	10,528,959.93	4,075,476	3,462,599	14,436,633	50.20	287,582
2007	14,449,905.52	5,279,475	4,485,538	20,079,301	51.03	393,480
2008	6,148,815.40	2,111,503	1,793,972	8,659,014	51.87	166,937
2009	8,797,264.36	2,827,757	2,402,514	12,552,835	52.71	238,149
2010	3,900,615.93	1,167,064	991,559	5,639,488	53.56	105,293
2011	5,319,419.47	1,473,288	1,251,732	7,791,281	54.41	143,196
2012	12,284,648.08	3,126,111	2,656,001	18,227,901	55.27	329,797
2013	15,622,610.78	3,624,164	3,079,156	23,479,282	56.13	418,302
2014	28,290,799.50	5,919,454	5,029,276	43,065,083	57.00	755,528
2015	17,315,779.23	3,228,925	2,743,354	26,693,471	57.87	461,266
2016	25,678,020.76	4,197,201	3,566,019	40,086,616	58.75	682,325
2017	32,623,862.70	4,582,152	3,893,080	51,567,487	59.63	864,791
2018	34,132,122.50	4,008,340	3,405,559	54,619,049	60.51	902,645
2019	26,313,187.54	2,477,281	2,104,743	42,627,676	61.40	694,262
2020	36,308,548.84	2,564,037	2,178,453	59,546,080	62.30	955,796

### ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA					
NET S	ALVAGE PERCENT	-70				
2021	43,104,562.57	2,040,786	1,733,889	71,543,867	63.19	1,132,202
2022	79,507,092.18	1,871,994	1,590,480	133,571,577	64.10	2,083,800
2023	20,746,519.28	124,853	106,077	35,163,005	64.77	542,890
	568,924,400.11	177,609,012	150,899,858	816,271,622		15,735,030
	COMPOSITE REMAIN	NING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	51.9	2.77

### ACCOUNT 357.00 UNDERGROUND CONDUIT

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA					
2005	0.19					
2007	9,202.24	3,124	9,147	55	26.42	2
2011	7,801.81	2,025	5,929	1,873	29.62	63
2013	6,275.51	1,370	4,011	2,265	31.27	72
2014	6,876.56	1,356	3,970	2,907	32.11	91
2015	108,784.91	19,146	56,061	52,724	32.96	1,600
2016	30,638.43	4,741	13,882	16,756	33.81	496
2017	5,779.12	769	2,252	3,527	34.68	102
2018	13,700.46	1,524	4,462	9,238	35.55	260
2019	24,966.73	2,235	6,545	18,422	36.42	506
2020	13,219.19	889	2,603	10,616	37.31	285
2021	630.70	28	82	549	38.20	14
	227,875.85	37,207	108,944	118,932		3,491

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 34.1 1.53

### ACCOUNT 358.00 UNDERGROUND CONDUCTOR AND DEVICES

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1998	19,613.03	12,927	4,893	15,701	13.03	1,205
1999	14,998.59	9,562	3,620	12,129	13.75	882
2000	337.98	208	79	276	14.49	19
2005	82,881.36	41,250	15,615	71,410	18.41	3,879
2006	38,580.09	18,241	6,905	33,604	19.24	1,747
2007	174,159.43	77,902	29,489	153,378	20.09	7,635
2008	98,772.55	41,662	15,771	87,940	20.94	4,200
2009	347.42	137	52	313	21.81	14
2010	92,786.67	34,238	12,961	84,465	22.70	3,721
2011	23,766.87	8,135	3,079	21,876	23.59	927
2012	65,175.31	20,530	7,772	60,662	24.50	2,476
2013	45,957.18	13,222	5,005	43,250	25.41	1,702
2014	6,881.07	1,788	677	6,548	26.34	249
2015	79,935.21	18,537	7,017	76,915	27.27	2,820
2016	961.74	196	74	936	28.22	33
2017	214.05	37	14	211	29.17	7
2018	107,737.13	15,740	5,958	107,166	30.13	3,557
2019	23,384.90	2,743	1,038	23,516	31.09	756
2020	120,900.85	10,663	4,037	122,909	32.06	3,834
2021	205,285.03	12,071	4,569	210,980	33.04	6,386
2022	1,028,410.04	30,235	11,446	1,068,385	34.02	31,405
2023	25,534.25	191	72	26,739	34.75	769
	2,256,620.75	370,215	140,143	2,229,308		78,223

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 28.5 3.47

### ACCOUNT 360.10 RIGHTS OF WAY

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1910	60,311.75	60,054	60,312			
1911	236.00	234	236			
1912	25.00	25	25			
1917	2,150.55	2,101	2,151			
1918	856.73	834	857			
1919	787.81	765	788			
1920	809.21	783	809			
1921	6,142.25	5,924	6,142			
1922	3,439.63	3,307	3,440			
1923	3,971.09	3,805	3,971			
1924	10,459.54	9,987	10,460			
1925	39,899.57	37,968	39,900			
1926	14,359.76	13,615	14,360			
1927	4,164.15	3,934	4,153	11	4.15	3
1928	3,783.43	3,561	3,759	24	4.41	5
1929	4,581.77	4,296	4,535	47	4.67	10
1930	2,504.25	2,339	2,469	35	4.94	7
1931	651.25	606	640	11	5.20	2
1932	14,562.29	13,500	14,250	312	5.47	57
1933	2,027.78	1,872	1,976	52	5.75	9
1934	2,320.12	2,134	2,253	67	6.03	11
1935	1,515.58	1,388	1,465	51	6.31	8
1936	207.35	189	199	8	6.61	1
1937	3,156.69	2,866	3,025	132	6.90	19
1938	4,448.45	4,021	4,244	204	7.20	28
1939	5,481.93	4,932	5,206	276	7.52	37
1940	12,150.29	10,880	11,484	666	7.84	85
1941	12,110.88	10,790	11,389	722	8.18	88
1942	2,080.04	1,843	1,945	135	8.53	16
1943	151,364.68	133,423	140,834	10,531	8.89	1,185
1944	2,400.98	2,104	2,221	180	9.27	19
1945	10,086.68	8,786	9,274	813	9.67	84
1946	25,633.31	22,185	23,417	2,216	10.09	220
1947	16,996.66	14,613	15,425	1,572	10.52	149
1948	40,441.80	34,521	36,439	4,003	10.98	365
1949	24,122.17	20,439	21,574	2,548	11.45	223
1950	10,497.50	8,825	9,315	1,182	11.95	99
1951	11,596.41	9,668	10,205	1,391	12.47	112
1952	66,246.21	54,754	57,795	8,451	13.01	650
1953	2,304.10	1,887	1,992	312	13.58	23
1954	14,068.73	11,413	12,047	2,022	14.16	143
1955	53,650.43	43,092	45,486	8,164	14.76	553
1956	20,067.95	15,953	16,839	3,229	15.38	210
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### ACCOUNT 360.10 RIGHTS OF WAY

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA					
1957	8,085.86	6,359	6,712	1,374	16.02	86
1958	18,129.47	14,100	14,883	3,246	16.67	195
1959	64,740.52	49,781	52,546	12,195	17.33	704
1960	7,562.98	5,747	6,066	1,497	18.01	83
1961	3,777.53	2,836	2,994	784	18.69	42
1962	4,039.42	2,996	3,162	877	19.38	45
1963	10,797.83	7,907	8,346	2,452	20.08	122
1964	2,925.47	2,115	2,232	693	20.79	33
1965	17,708.97	12,630	13,332	4,377	21.51	203
1966	14,419.20	10,143	10,706	3,713	22.24	167
1967	25,279.47	17,534	18,508	6,771	22.98	295
1968	1,490.74	1,019	1,076	415	23.73	17
1969	8,461.79	5,699	6,016	2,446	24.49	100
1970	30,425.36	20,178	21,299	9,126	25.26	361
1971	1,591.26	1,039	1,097	494	26.04	19
1972	3,028.32	1,945	2,053	975	26.83	36
1973	613.80	388	410	204	27.63	7
1974	8,120.08	5,041	5,321	2,799	28.44	98
1976	4,227.68	2,532	2,673	1,555	30.09	52
1986	10,395.43	5,009	5,287	5,108	38.86	131
1988	583.05	267	282	301	40.70	7
1989	1,039.58	463	489	551	41.63	13
1991	11,042.86	4,637	4,895	6,148	43.51	141
1992	1,420.05	578	610	810	44.45	18
1993	834.68	329	347	488	45.41	11
1994	7,521.06	2,872	3,032	4,489	46.36	97
1996	3,992.39	1,422	1,501	2,491	48.28	52
1999	57,168.03	18,149	19,157	38,011	51.19	743
2002	21,822.85	6,073	6,410	15,413	54.13	285
2003	7,374.23	1,956	2,065	5,309	55.11	96
2004	69,718.68	17,569	18,545	51,174	56.10	912
2005	195,644.78	46,745	49,341	146,304	57.08	2,563
2006	144,115.89	32,531	34,338	109,778	58.07	1,890
2009	46,791.76	8,709	9,193	37,599	61.04	616
2010	1,593.38	275	290	1,303	62.04	21
2011	62,414.39	9,961	10,514	51,900	63.03	823
2012	160,789.44	23,519	24,825	135,964	64.03	2,123
2013	129,084.22	17,177	18,131	110,953	65.02	1,706
2014	63,069.90	7,551	7,970	55,100	66.02	835
2015	52,044.69	5,544	5,852	46,193	67.01	689
2017	1,174.90	94	99	1,076	69.01	16
2018	65,128.00	4,333	4,574	60,554	70.01	865
2019	1,404,464.67	74,900	79,061	1,325,404	71.00	18,668

### ACCOUNT 360.10 RIGHTS OF WAY

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
2020 2021 2022 2023	68,258.18 10,113.35 347,820.53 1,270,829.40	2,730 270 4,636 4,232	2,882 285 4,893 4,467	65,376 9,828 342,928 1,266,362	72.00 73.00 74.00 74.75	908 135 4,634 16,941
	5,120,348.87	1,062,736	1,118,073	4,002,276		63,025

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 63.5 1.23

### ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1913	4,247.78	4,673	4,673			
1922	1,438.61	1,574	1,430	152	0.29	152
1924	5,600.05	6,068	5,511	649	0.82	649
1925	4,331.00	4,671	4,243	521	1.07	487
1928	5,671.66	6,028	5,475	764	1.86	411
1929	255.59	270	245	36	2.13	17
1930	681.39	717	651	99	2.41	41
1931	266.09	278	253	40	2.68	15
1932	577.06	601	546	89	2.96	30
1933	142.40	147	134	23	3.25	7
1935	102.71	105	95	18	3.82	5
1937	548.63	555	504	99	4.40	22
1938	275.50	277	252	51	4.68	11
1939	641.29	642	583	122	4.98	24
1940	8,584.04	8,538	7,755	1,687	5.27	320
1941	2,663.09	2,633	2,392	537	5.56	97
1942	1,804.53	1,774	1,611	374	5.85	64
1944	23,756.67	23,077	20,960	5,172	6.43	804
1945	6,958.37	6,718	6,102	1,552	6.73	231
1946	1,038.21	996	905	237	7.03	34
1947	1,413.48	1,348	1,224	331	7.33	45
1948	12,953.83	12,272	11,146	3,103	7.63	407
1949	8,138.19	7,660	6,957	1,995	7.94	251
1950	6,558.22	6,132	5,570	1,644	8.25	199
1951	6,112.92	5,676	5,155	1,569	8.57	183
1952	48,434.49	44,666	40,569	12,709	8.89	1,430
1953	140,879.70	128,989	117,158	37,810	9.22	4,101
1954	22,901.08	20,812	18,903	6,288	9.56	658
1955	55,368.12	49,942	45,361	15,544	9.90	1,570
1956	27,526.30	24,636	22,376	7,903	10.25	771
1957	64,979.97	57,689	52,398	19,080	10.61	1,798
1958	30,006.70	26,418	23,995	9,012	10.98	821
1959	54,047.58	47,172	42,845	16,607	11.36	1,462
1960	18,811.17	16,272	14,780	5,912	11.75	503
1961	26,922.65	23,073	20,957	8,658	12.15	713
1962	25,399.36	21,564	19,586	8,353	12.55	666
1963	20,796.13	17,481	15,878	6,998	12.97	540
1964	29,373.10	24,438	22,197	10,113	13.40	755
1965	32,589.53	26,828	24,367	11,481	13.84	830
1966	39,819.26	32,421	29,447	14,354	14.29	1,004
1967	63,716.32	51,304	46,599	23,489	14.74	1,594
1968	51,640.48	41,095	37,326	19,479	15.21	1,281
1969	31,169.12	24,499	22,252	12,034	15.70	766



### ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIV	OR CURVE IOWA	55-R2				
	LVAGE PERCENT					
1970	51,619.95	40,068	36,393	20,389	16.19	1,259
1971	112,456.45	86,165	78,262	45,440	16.69	2,723
1972	99,846.43	75,484	68,561	41,270	17.20	2,399
1973	54,907.31	40,928	37,174	23,224	17.73	1,310
1974	126,329.60	92,827	84,313	54,650	18.26	2,993
1975	168,704.82	122,109	110,909	74,666	18.81	3,969
1976	72,544.99	51,696	46,955	32,844	19.37	1,696
1977	78,425.22	55,008	49,963	36,305	19.93	1,822
1978	125,175.27	86,346	78,427	59,266	20.51	2,890
1979	201,683.30 151,774.04	136,740	124,199	97,653	21.10	4,628
1980	130,576.05	101,081 85,397	91,810	75,141	21.70	3,463 2,963
1981			77,565	66,069	22.30 22.92	
1982 1983	132,622.99	85,091	77,287 68,648	68,598		2,993
	120,158.89	75,580 25,444		63,527	23.55	2,698 922
1984 1985	41,278.45 32,351.70	25,444 19,521	23,110 17,731	22,296 17,856	24.18 24.83	719
1986	113,358.30	66,905	60,769	63,925	25.49	2,508
1987	292,609.81	168,837	153,352	168,519	26.15	6,444
1988	125,605.05	70,766	64,275	73,891	26.83	2,754
1989	127,779.37	70,788	63,810	76,747	27.51	2,790
1990	651,924.46	349,430	317,381	399,736	28.20	14,175
1991	1,017,001.76	530,880	482,189	636,513	28.90	22,025
1992	347,838.16	176,634	160,433	222,189	29.61	7,504
1993	564,410.20	278,595	253,043	367,808	30.32	12,131
1994	1,298,927.30	622,180	565,115	863,705	31.05	27,817
1995	703,977.92	326,926	296,941	477,435	31.78	15,023
1996	720,497.17	323,938	294,227	498,320	32.52	15,323
1997	188,633.63	81,980	74,461	133,036	33.27	3,999
1998	100,823.12	42,305	38,425	72,480	34.02	2,131
1999	33,111.87	13,384	12,156	24,267	34.79	698
2000	252,598.81	98,209	89,201	188,658	35.56	5,305
2001	126,003.90	47,049	42,734	95,870	36.33	2,639
2002	81,197.70	29,036	26,373	62,944	37.12	1,696
2003	134,774.46	46,066	41,841	106,411	37.91	2,807
2004	55,403.91	18,050	16,394	44,550	38.71	1,151
2005	349,751.44	108,354	98,416	286,311	39.51	7,247
2006	224,424.62	65,891	59,848	187,019	40.32	4,638
2007	71,323.12	19,771	17,958	60,497	41.14	1,471
2008	373,521.42	97,414	88,479	322,395	41.96	7,683
2009	6,734,423.61	1,644,546	1,493,712	5,914,154	42.79	138,213
2010	3,279,962.12	745,873	677,463	2,930,495	43.63	67,167
2011	2,661,667.94	560,534	509,123	2,418,712	44.47	54,390
2012	2,600,677.59	503,491	457,312	2,403,433	45.32	53,033



### ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
2013	6,435,915.60	1,136,615	1,032,367	6,047,140	46.17	130,976
2014	4,034,432.14	643,093	584,110	3,853,765	47.03	81,943
2015	2,099,634.41	298,146	270,800	2,038,798	47.90	42,564
2016	1,060,998.83	132,197	120,072	1,047,027	48.77	21,469
2017	1,971,344.21	211,318	191,936	1,976,543	49.64	39,818
2018	2,736,897.24	245,212	222,722	2,787,865	50.52	55,183
2019	2,197,883.07	157,801	143,328	2,274,343	51.41	44,239
2020	654,251.19	35,329	32,089	687,587	52.30	13,147
2021	1,730,037.84	62,287	56,574	1,846,468	53.20	34,708
2022	4,938,377.17	88,871	80,720	5,351,495	54.10	98,919
2023	27,380.25	126	114	30,004	54.77	548
	53,708,978.54	12,080,506	10,972,936	48,106,940		1,111,492

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 43.3 2.07

### ACCOUNT 362.00 STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CIIDWTWOI	R CURVE IOWA	45-90				
	VAGE PERCENT					
1910	797.06	917	917			
1912	417.12	480	480			
1913	6.43	7	7			
1919	190.93	220	220			
1920	658.67	757	757			
1921	1,465.40	1,685	1,685			
1922	1,514.81	1,742	1,742			
1923	3,479.73	4,002	4,002			
1924	39,454.52	45,373	45,373			
1925	24,236.18	27,872	27,872			
1926	4,015.30	4,618	4,618			
1927	18,398.79	21,159	21,159			
1928	24,562.05	28,246	28,246			
1929	4,577.73	5,264	5,264			
1930	2,062.98	2,372	2,372			
1931	72,436.14	83,302	83,302			
1932	1,091.06	1,255	1,255			
1933	470.11	541	541			
1934	196.29	224	226			
1935	135.38	153	156			
1936	10,318.43	11,576	11,866			
1937	19,837.50	22,068	22,635	178	1.47	121
1938	45,185.13	49,838	51,119	844	1.84	459
1939	40,124.35	43,887	45,015	1,128	2.20	513
1940	61,705.99	66,894	68,613	2,349	2.58	910
1941	56,038.47	60,219	61,767	2,677	2.95	907
1942	10,006.97	10,659	10,933	575	3.32	173
1943	67,169.56	70,894	72,716	4,529	3.70	1,224
1944	54,395.13	56,897	58,359	4,195	4.07	1,031
1945	115,280.38	119,462	122,532	10,040	4.45	2,256
1946	30,318.79	31,124	31,924	2,943	4.83	609
1947	4,468.41	4,544	4,661	478	5.21	92
1948	71,208.85	71,718	73,561	8,329	5.59	1,490
1949	298,537.04	297,770	305,423	37,895	5.97	6,348
1950	196,995.66	194,577	199,578	26,967	6.35	4,247
1951	394,135.71	385,367	395,271	57,985	6.74	8,603
1952	990,575.78	958,673	983,312	155,850	7.13	21,858
1953	1,191,337.22	1,141,091	1,170,419	199,619	7.52	26,545
1954	1,156,743.13	1,096,422	1,124,601	205,654	7.91	25,999
1955	970,021.99	909,778	933,160	182,365	8.30	21,972
1956	746,508.89	692,703	710,506	147,979	8.69	17,029
1957	1,104,076.31	1,013,211	1,039,252	230,436	9.09	25,350
1958	686,239.18	622,920	638,930	150,245	9.48	15,849

### ACCOUNT 362.00 STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1959	846,138.82	759,415	778,933	194,127	9.88	19,648
1960	464,898.37	412,379	422,978	111,655	10.29	10,851
1961	783,134.51	686,657	704,305	196,300	10.69	18,363
1962	489,039.25	423,798	434,690	127,705	11.09	11,515
1963	687,702.44	588,746	603,878	186,980	11.50	16,259
1964	462,996.81	391,524	401,587	130,859	11.91	10,987
1965	702,220.46	586,462	601,535	206,019	12.32	16,722
1966	610,292.78	503,294	516,229	185,608	12.73	14,580
1967	1,193,378.69	971,347	996,312	376,073	13.15	28,599
1968	546,597.69	439,031	450,315	178,272	13.57	13,137
1969	1,371,809.03	1,087,126	1,115,067	462,513	13.99	33,060
1970	984,615.37	769,720	789,503	342,805	14.41	23,789
1971	2,007,211.69	1,547,064	1,586,826	721,467	14.84	48,616
1972	927,614.46	705,009	723,129	343,628	15.26	22,518
1973	662,442.27	496,189	508,942	252,867	15.69	16,116
1974	1,729,037.71	1,275,674	1,308,460	679,933	16.13	42,153
1975	2,232,307.27	1,622,441	1,664,140	903,013	16.56	54,530
1976	2,792,011.24	1,997,832	2,049,179	1,161,634	17.00	68,331
1977	1,793,806.74	1,262,935	1,295,394	767,484	17.45	43,982
1978	2,454,467.63	1,700,470	1,744,174	1,078,464	17.89	60,283
1979	4,166,735.87	2,838,822	2,911,783	1,879,963	18.34	102,506
1980	3,119,518.56	2,089,472	2,143,174	1,444,272	18.79	76,864
1981	1,649,910.12	1,085,728	1,113,633	783,764	19.25	40,715
1982	3,204,350.62	2,070,972	2,124,199	1,560,804	19.71	79,188
1983	1,298,654.43	824,057	845,236	648,217	20.17	32,138
1984	930,349.98	579,170	594,055	475,847	20.64	23,055
1985	379,887.12	231,930	237,891	198,979	21.11	9,426
1986	713,166.52	426,834	437,804	382,337	21.58	17,717
1987	1,697,939.26	995,412	1,020,995	931,635	22.06	42,232
1988	3,836,682.31	2,201,195	2,257,769	2,154,416	22.55	95,540
1989	5,442,788.06	3,054,493	3,132,997	3,126,209	23.04	135,686
1990	10,408,056.81	5,710,656	5,857,427	6,111,838	23.53	259,747
1991	10,177,791.43	5,454,278	5,594,460	6,110,000	24.03	254,266
1992	7,295,821.36	3,816,616	3,914,708	4,475,487	24.53	182,450
1993	10,613,649.84	5,413,959	5,553,105	6,652,592	25.04	265,679
1994	12,118,713.83	6,023,643	6,178,458	7,758,063	25.55	303,642
1995	7,630,743.84	3,691,529	3,786,406	4,988,949	26.07	191,367
1996	12,793,471.16	6,015,791	6,170,405	8,542,087	26.60	321,131
1997	6,263,670.62	2,860,471	2,933,989	4,269,232	27.13	157,362
1998	9,068,113.91	4,016,055	4,119,273	6,309,058	27.67	228,011
1999	6,629,989.06	2,843,095	2,916,166	4,708,321	28.22	166,843
2000	10,707,538.63	4,441,171	4,555,315	7,758,354	28.77	269,668
2001	8,990,067.21	3,597,825	3,690,294	6,648,283	29.34	226,595
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### ACCOUNT 362.00 STATION EQUIPMENT

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2002	13,992,370.37	5,399,572	5,538,348	10,552,878	29.90	352,939
2003	11,391,553.49	4,227,069	4,335,710	8,764,577	30.48	287,552
2004	10,245,002.30	3,647,159	3,740,896	8,040,857	31.07	258,798
2005	13,967,534.94	4,758,083	4,880,372	11,182,293	31.67	353,088
2006	16,982,889.20	5,524,933	5,666,931	13,863,392	32.27	429,606
2007	15,466,391.38	4,786,485	4,909,504	12,876,846	32.89	391,512
2008	18,921,886.02	5,551,237	5,693,911	16,066,258	33.52	479,304
2009	10,947,779.33	3,032,792	3,110,739	9,479,207	34.16	277,494
2010	7,720,969.71	2,010,587	2,062,262	6,816,853	34.81	195,830
2011	14,142,098.46	3,444,266	3,532,788	12,730,625	35.47	358,912
2012	16,121,886.28	3,646,295	3,740,009	14,800,160	36.15	409,410
2013	20,625,508.09	4,295,809	4,406,217	19,313,117	36.85	524,101
2014	15,805,038.91	3,005,004	3,082,237	15,093,558	37.56	401,852
2015	22,574,621.74	3,871,017	3,970,507	21,990,308	38.29	574,309
2016	20,526,190.06	3,131,691	3,212,180	20,392,939	39.03	522,494
2017	53,488,342.30	7,108,280	7,290,972	54,220,622	39.80	1,362,327
2018	64,481,328.71	7,267,046	7,453,818	66,699,710	40.59	1,643,255
2019	55,488,688.10	5,090,921	5,221,764	58,590,227	41.41	1,414,881
2020	75,266,145.08	5,289,441	5,425,387	81,130,680	42.25	1,920,253
2021	64,916,067.77	3,102,599	3,182,340	71,471,138	43.13	1,657,110
2022	72,305,444.86	1,773,616	1,819,200	81,332,062	44.04	1,846,777
2023	9,857,973.98	60,424	61,977	11,274,693	44.76	251,892
	796,636,440.41	186,697,094	191,489,534	724,642,373		20,153,148

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.0 2.53

### ACCOUNT 363.01 BATTERY STORAGE

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA BALVAGE PERCENT					
2021	3,265,110.58	435,337	338,805	2,926,306	13.00	225,100
	3,265,110.58	435,337	338,805	2,926,306		225,100
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCEN	г 13.0	6.89

### ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1937	305,128.39	432,256	524,245	24,986	12.14	2,058
1940	308,154.88	424,962	515,398	39,281	13.33	2,947
1945	460,525.37	605,711	734,613	94,333	15.35	6,145
1950	2,846,358.59	3,557,669	4,314,779	808,666	17.42	46,422
1953	635,203.97	768,263	931,758	211,609	18.70	11,316
1954	864,216.23	1,033,518	1,253,462	302,127	19.13	15,793
1955	908,153.20	1,073,443	1,301,883	332,793	19.57	17,005
1956	982,688.14	1,147,888	1,392,171	376,668	20.01	18,824
1957	1,221,404.19	1,409,762	1,709,774	488,754	20.45	23,900
1958	1,085,513.35	1,237,479	1,500,828	453,096	20.90	21,679
1959	990,276.29	1,114,845	1,352,096	430,401	21.35	20,159
1960	923,998.49	1,027,091	1,245,667	417,530	21.80	19,153
1961	908,157.16	996,290	1,208,311	426,372	22.26	19,154
1962	720,818.39	780,300	946,356	351,117	22.72	15,454
1963	697,025.11	744,205	902,580	352,065	23.19	15,182
1964	794,130.05	836,090	1,014,019	415,415	23.66	17,558
1965	617,981.96	641,469	777,980	334,388	24.13	13,858
1966	992,959.21	1,015,648	1,231,789	555,538	24.61	22,574
1967	1,418,441.60	1,429,330	1,733,507	819,688	25.09	32,670
1968	1,127,383.34	1,118,606	1,356,657	672,633	25.58	26,295
1969	1,278,161.36	1,248,424	1,514,102	786,588	26.07	30,172
1970	1,469,283.00	1,412,381	1,712,951	931,758	26.56	35,081
1971	2,417,620.56	2,285,783	2,772,222	1,579,495	27.06	58,370
1972	1,929,456.60	1,793,781	2,175,517	1,297,505	27.56	47,079
1973	2,522,017.35	2,304,044	2,794,369	1,745,262	28.07	62,175
1974	3,071,122.58	2,756,271	3,342,835	2,185,186	28.58	76,459
1975	3,589,707.03	3,163,860	3,837,163	2,624,310	29.09	90,213
1976	3,570,296.98	3,088,143	3,745,333	2,681,202	29.61	90,551
1977	3,146,971.62	2,670,268	3,238,529	2,426,020	30.13 30.66	80,518
1978	3,241,136.60	2,695,971	3,269,702	2,564,344		83,638
1979	3,800,566.36	3,097,682	3,756,902	3,084,117	31.19	98,882
1980	4,705,546.91 4,048,591.37	3,756,523 3,163,051	4,555,951	3,914,033 3,451,282	31.72 32.26	123,393 106,983
1981 1982	3,889,334.23	2,972,260	3,836,182 3,604,788	3,451,262	32.20	103,537
1983	4,636,625.10	3,464,310	4,201,552	4,144,373	33.34	124,306
1984	4,698,138.27	3,428,664	4,201,332	4,298,329	33.89	126,832
1985	4,227,000.60	3,010,039	3,650,607	3,957,994	34.45	114,891
1986	5,516,683.70	3,832,595	4,648,212	5,281,819	35.00	150,909
1987	5,967,520.68	4,040,322	4,900,145	5,841,392	35.56	164,269
1988	7,471,410.55	4,926,469	5,974,874	7,473,665	36.12	206,912
1989	8,411,204.92	5,394,745	6,542,804	8,597,365	36.69	234,324
1990	9,452,044.32	5,895,070	7,149,603	9,864,077	37.25	264,807
1991	10,344,295.20	6,265,353	7,598,687	11,021,044	37.82	291,408
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### ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SIIRWI	VOR CURVE IOWA	57-R0 5				
	SALVAGE PERCENT					
1111 6	ALL VIIGH THICHNI	00				
1992	9,992,778.57	5,869,518	7,118,614	10,868,387	38.40	283,031
1993	11,718,605.13	6,672,293	8,092,228	13,001,261	38.97	333,622
1994	11,425,570.70	6,296,084	7,635,957	12,930,070	39.55	326,930
1995	13,255,357.23	7,061,500	8,564,262	15,295,381	40.13	381,146
1996	10,680,208.84	5,490,674	6,659,148	12,565,228	40.72	308,576
1997	11,601,899.34	5,752,129	6,976,243	13,907,176	41.30	336,735
1998	9,335,924.46	4,454,748	5,402,766	11,401,898	41.89	272,187
1999	5,812,889.20	2,665,396	3,232,620	7,230,581	42.48	170,211
2000	10,152,996.88	4,466,324	5,416,805	12,858,589	43.07	298,551
2001	11,267,706.00	4,746,769	5,756,932	14,524,939	43.66	332,683
2002	5,568,002.69	2,241,812	2,718,893	7,303,512	44.25	165,051
2003	4,117,086.13	1,579,677	1,915,849	5,494,906	44.85	122,517
2004	8,839,235.16	3,226,834	3,913,538	11,997,085	45.44	264,020
2005	13,225,819.54	4,577,509	5,551,651	18,254,824	46.04	396,499
2006	7,020,514.91	2,296,761	2,785,536	9,851,391	46.64	211,222
2007	11,768,386.76	3,627,182	4,399,085	16,784,011	47.24	355,292
2008	737,857.21	213,433	258,854	1,069,289	47.84	22,351
2009	10,183,815.69	2,752,930	3,338,783	14,992,085	48.44	309,498
2010	14,593,078.38	3,668,262	4,448,907	21,818,634	49.04	444,915
2011	7,963,707.57	1,848,456	2,241,827	12,092,847	49.65	243,562
2012	24,168,067.57	5,151,569	6,247,877	37,254,645	50.25	741,386
2013	18,808,415.72	3,646,877	4,422,971	29,432,177	50.86	578,690
2014	21,203,509.43	3,709,384	4,498,780	33,667,537	51.46	654,247
2015	22,376,238.77	3,483,578	4,224,920	36,052,310	52.07	692,382
2016	15,928,132.56	2,172,948	2,635,375	26,035,264	52.68	494,215
2017	19,021,268.35	2,222,407	2,695,359	31,542,924	53.30	591,800
2018	11,559,799.82	1,127,982	1,368,029	19,439,611	53.91	360,594
2019	26,765,283.72	2,096,203	2,542,297	45,635,214	54.52	837,036
2020	23,934,312.23	1,405,758	1,704,918	41,376,844	55.14	750,396
2021	61,173,664.08	2,394,949	2,904,620	107,207,975	55.76	1,922,668
2022	92,852,514.08	1,818,424	2,205,404	164,929,121	56.38	2,925,313
2023	20,090,335.97	101,617	123,242	36,039,363	56.84	634,049
	669,356,236.49	206,900,821	250,931,513	953,909,713		19,895,230

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 47.9 2.97

### ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1925	12.73	20	20			
1937	1,206,936.23	1,847,423	1,046,795	884,303	1.95	453,489
1940	595,364.30	881,673	499,577	453,006	3.35	135,226
1944	1.73	2	1	2	5.10	
1945	817,010.00	1,146,860	649,839	657,377	5.52	119,090
1950	3,363,045.41	4,476,886	2,536,713	2,844,160	7.56	376,212
1953	596,115.23	768,331	435,355	518,429	8.75	59,249
1954	910,474.61	1,160,877	657,781	798,978	9.14	87,416
1955	797,468.94	1,005,449	569,712	706,238	9.54	74,029
1956	1,104,364.62	1,376,674	780,057	986,926	9.94	99,288
1957	1,276,056.52	1,573,000	891,300	1,150,390	10.33	111,364
1958	1,155,668.07	1,408,177	797,907	1,051,162	10.73	97,965
1959	1,047,119.37	1,260,631	714,304	961,087	11.14	86,274
1960	1,042,655.36	1,240,443	702,865	965,384	11.54	83,655
1961	1,196,634.92	1,406,170	796,770	1,117,846	11.95	93,544
1962	1,146,111.91	1,330,517	753,903	1,079,876	12.35	87,439
1963	1,079,397.89	1,236,938	700,879	1,026,158	12.77	80,357
1964	1,177,284.55	1,331,951	754,716	1,128,939	13.18	85,655
1965	1,318,693.36	1,472,253	834,214	1,275,695	13.60	93,801
1966	1,086,199.81	1,196,453	677,939	1,059,981	14.02	75,605
1967	1,468,039.78	1,594,620	903,551	1,445,313	14.45	100,022
1968	1,402,058.72	1,501,504	850,789	1,392,505	14.88	93,582
1969	1,328,586.00	1,402,519	794,701	1,331,037	15.31	86,939
1970	1,631,378.05	1,696,633	961,354	1,648,851	15.75	104,689
1971	2,517,139.26	2,578,437	1,461,005	2,566,418	16.19	158,519
1972	2,062,796.98	2,080,025	1,178,593	2,121,882	16.64	127,517
1973	2,488,151.04	2,469,122	1,399,065	2,581,977	17.09	151,081
1974	2,432,530.49	2,374,150	1,345,251	2,546,798	17.55	145,117
1975	2,665,537.01	2,557,977	1,449,412	2,815,447	18.01	156,327
1976	2,703,051.93	2,548,783	1,444,203	2,880,680	18.48	155,881
1977	2,486,300.70	2,302,871	1,304,863	2,673,218	18.95	141,067
1978	2,431,235.59	2,210,363	1,252,446	2,637,531	19.43	135,745
1979	2,668,523.51	2,380,579	1,348,894	2,920,744	19.91	146,697
1980	3,994,913.76	3,494,239	1,979,921	4,411,941	20.40	216,272
1981	2,730,073.89	2,340,350	1,326,099	3,042,019	20.89	145,621
1982	2,372,816.49	1,991,913	1,128,666	2,667,840	21.39	124,724
1983	2,725,096.67	2,239,201	1,268,786	3,091,369	21.89	141,223
1984	2,382,755.08	1,914,668	1,084,898	2,727,510	22.40	121,764
1985	1,471,789.44	1,155,979	655,006	1,699,857	22.91	74,197
1986	2,557,533.92	1,961,444	1,111,402	2,980,652	23.43	127,215
1987	2,702,628.65	2,022,777	1,146,155	3,178,051	23.95	132,695
1988	3,856,364.00	2,813,603	1,594,256	4,575,926	24.48	186,925
1989	4,143,069.28	2,944,695	1,668,536	4,960,375	25.01	198,336

### ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVI	VOR CURVE IOWA	45-R0.5				
	ALVAGE PERCENT					
1111 0						
1990	5,386,352.70	3,724,943	2,110,643	6,507,521	25.55	254,697
1991	5,926,647.72	3,982,707	2,256,699	7,225,937	26.10	276,856
1992	4,670,790.02	3,049,092	1,727,690	5,745,574	26.64	215,675
1993	4,937,425.24	3,126,615	1,771,616	6,128,264	27.19	225,387
1994	5,440,132.48	3,336,586	1,890,591	6,813,621	27.75	245,536
1995	6,752,815.72	4,007,283	2,270,624	8,533,881	28.31	301,444
1996	5,864,522.62	3,363,327	1,905,743	7,477,493	28.87	259,006
1997	6,605,624.96	3,654,549	2,070,757	8,498,243	29.44	288,663
1998	6,211,132.81	3,310,385	1,875,745	8,062,067	30.01	268,646
1999	1,735,566.89	889,221	503,854	2,273,053	30.59	74,307
2000	11,905,415.50	5,858,607	3,319,629	15,729,036	31.16	504,783
2001	19,029,920.61	8,972,075	5,083,796	25,364,077	31.74	799,120
2002	10,637,109.38	4,791,975	2,715,250	14,304,125	32.33	442,441
2003	9,576,262.92	4,116,567	2,332,547	12,989,474	32.91	394,697
2004	13,893,384.25	5,680,949	3,218,964	19,010,451	33.50	567,476
2005	23,452,921.90	9,097,482	5,154,855	32,369,820	34.09	949,540
2006	12,657,735.20	4,640,022	2,629,150	17,623,226	34.69	508,020
2007	23,911,110.37	8,263,680	4,682,402	33,575,375	35.28	951,683
2008	6,062,464.63	1,965,888	1,113,920	8,586,023	35.88	239,298
2009	18,072,374.06	5,481,279	3,105,826	25,809,972	36.47	707,704
2010	5,802,579.35	1,636,049	927,025	8,357,102	37.07	225,441
2011	17,638,381.35	4,596,986	2,604,764	25,616,646	37.67	680,028
2012	32,253,920.14	7,718,234	4,373,340	47,232,932	38.27	1,234,203
2013	31,072,851.94	6,761,453	3,831,204	45,885,359	38.88	1,180,179
2014	33,486,116.62	6,572,387	3,724,075	49,853,712	39.48	1,262,759
2015	38,703,240.04	6,756,657	3,828,487	58,096,697	40.09	1,449,157
2016	41,096,359.97	6,297,935	3,568,563	62,185,613	40.69	1,528,278
2017	43,791,924.06	5,760,915	3,264,275	66,802,803	41.30	1,617,501
2018	18,160,478.50	1,988,645	1,126,815	27,929,951	41.92	666,268
2019	54,326,036.54	4,771,130	2,703,439	84,218,219	42.53	1,980,207
2020	46,773,282.47	3,093,024	1,752,583	73,084,669	43.14	1,694,128
2021	137,412,165.05	6,059,327	3,433,362	216,426,102	43.76	4,945,752
2022	141,077,413.66	3,110,475	1,762,471	223,961,391	44.38	5,046,449
2023	31,251,382.54	178,008	100,863	49,901,349	44.84	1,112,876
	953,714,828.01	233,311,637	132,200,066	1,393,743,659		38,570,018

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.1 4.04

### ACCOUNT 366.00 UNDERGROUND CONDUIT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA					
1937	6.69	7	5	3	7.07	
1945	15.85	17	12	8	9.52	1
1953	138,586.73	137,663	94,678	78,555	12.32	6,376
1954	829.78	818	563	474	12.71	37
1955	15,543.55	15,187	10,445	8,984	13.10	686
1956	49,662.35	48,100	33,081	28,997	13.51	2,146
1957	19,175.49	18,408	12,660	11,309	13.92	812
1958	7,708.43	7,333	5,043	4,593	14.34	320
1959	90,510.48	85,287	58,656	54,482	14.77	3,689
1962	14,755.46	13,486	9,275	9,169	16.13	568
1963	10,127.01	9,156	6,297	6,362	16.60	383
1964	85.72	77	53	54	17.08	3
1965	63,625.63	56,243	38,681	40,851	17.57	2,325
1966	18,213.21	15,910	10,942	11,825	18.07	654
1967	16,611.53	14,334	9,858	10,906	18.58	587
1968	171,609.29	146,226	100,567	113,945	19.10	5,966
1969	59,878.29	50,360	34,635	40,213	19.63	2,049
1970	135,824.81	112,706	77,513	92,268	20.17	4,575
1971	81,074.16	66,346	45,629	55,714	20.72	2,689
1972	84,978.48	68,549	47,144	59,079	21.28	2,776
1973	347,476.11	276,170	189,936	244,409	21.85	11,186
1974	117,379.42	91,874	63,186	83,538	22.43	3,724
1975	142,643.46	109,894	75,579	102,725	23.02	4,462
1976	73,641.76	55,830	38,397	53,655	23.61	2,273
1977	133,290.65	99,357	68,333	98,280	24.22	4,058
1978	86,401.98	63,308	43,540	64,462	24.83	2,596
1979	48,003.41	34,543	23,757	36,247	25.46	1,424
1980	125,907.01	88,949	61,175	96,209	26.09	3,688
1981	82,312.76	57,053	39,238	63,653	26.73	2,381
1982	82,043.22	55,738	38,334	64,220	27.39	2,345
1983	58,048.21	38,651	26,582	45,978	28.04	1,640
1984	65,979.78	43,011	29,581	52,894	28.71	1,842
1985	31,260.70	19,935	13,710	25,366		863
1986	31,932.35	19,911	13,694	26,221	30.07	872
1987	58,140.33	35,417	24,358	48,317	30.76	1,571
1988	38,618.71	22,962	15,792	32,481	31.46	1,032
1989	225,542.68	130,767	89,935	191,993	32.17	5,968
1990	396,675.38	224,122	154,140	341,704	32.88	10,392
1991	328,866.60	180,807	124,350	286,733	33.61	8,531
1992	383,651.32	205,172	141,107	338,457	34.33	9,859
1993	193,892.07	100,703	69,258	173,107	35.07	4,936
1994	260,581.63	131,268	90,279	235,448	35.82	6,573
1995	223,796.92	109,241	75,130	204,616	36.57	5,595

### ACCOUNT 366.00 UNDERGROUND CONDUIT

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	ACCRUED (3)	(4)	ACCRUALS (5)	(6)	ACCRUAL (7)
( _ /	( 2 )	(3)	(1)	(3)	(0)	( 7 )
SURVIV	OR CURVE IOWA	60-R2				
NET SA	LVAGE PERCENT	-25				
1996	123,754.05	58,474	40,215	114,478	37.32	3,067
1997	148,411.26	67,744	46,591	138,923	38.09	3,647
1998	44,454.50	19,578	13,465	42,103	38.86	1,083
1999	91,284.79	38,720	26,630	87,476	39.64	2,207
2000	269,731.09	110,027	75,671	261,493	40.42	6,469
2001	581,444.17	227,614	156,541	570,264	41.21	13,838
2002	347,613.48	130,281	89,601	344,916	42.01	8,210
2003	603,394.18	216,091	148,616	605,627	42.81	14,147
2004	627,082.82	213,992	147,173	636,681	43.62	14,596
2005	492,274.79	159,682	109,821	505,522	44.43	11,378
2006	563,506.87	173,159	119,090	585,294	45.25	12,935
2007	1,317,278.07	382,011	262,728	1,383,870	46.08	30,032
2008	272,067.78	74,196	51,028	289,057	46.91	6,162
2009	1,153,286.78	294,333	202,427	1,239,181	47.75	25,951
2010	629,476.80	149,635	102,911	683,935	48.59	14,076
2011	1,668,362.75	367,040	252,431	1,833,022	49.44	37,076
2012	6,462,006.66	1,307,183	899,013	7,178,495	50.29	142,742
2013	4,127,015.39	760,918	523,320	4,635,449	51.15	90,625
2014	6,160,750.20	1,024,225	704,409	6,996,529	52.02	134,497
2015	6,963,074.67	1,032,885	710,365	7,993,478	52.88	151,163
2016	3,483,505.92	452,856	311,451	4,042,931	53.76	75,203
2017	4,160,043.71	464,521	319,474	4,880,581	54.64	89,322
2018	1,750,567.87	163,394	112,374	2,075,836	55.52	37,389
2019	3,051,168.85	228,189	156,937	3,657,024	56.41	64,829
2020	5,730,728.23	322,353	221,698	6,941,712	57.30	121,147
2021	9,459,973.44	356,759	245,361	11,579,606	58.19	198,996
2022	9,952,115.50	186,602	128,335	12,311,809	59.10	208,322
2023	2,198,573.48	10,526	7,239	2,740,978	59.77	45,859
	76,947,857.50	12,053,884	8,290,043	87,894,779		1,699,421

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 51.7 2.21

### ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1924	703.22	864	914			
1937	1,585.18	1,818	2,061			
1940	816.38	920	1,061			
1945	1,787.43	1,955	2,302	22	9.52	2
1950	4,610.72	4,873	5,737	257	11.22	23
1953	553.07	571	672	47	12.32	4
1954	2,068.60	2,120	2,496	193	12.71	15
1955	1,461.74	1,485	1,748	152	13.10	12
1956	5,744.53	5,786	6,812	656	13.51	49
1957	17,260.00	17,232	20,288	2,150	13.92	154
1958	622.43	616	725	84	14.34	6
1959	599.73	588	692	88	14.77	6
1960	572.05	555	653	91	15.22	6
1961 1962	1,183.92 42,246.75	1,137 40,156	1,339 47,277	200 7,644	15.67	13 474
1962	35,937.75	33,793	39,786	6,933	16.13 16.60	418
1964	42,560.82	39,579	46,598	8,731	17.08	511
1965	104,656.56	96,213	113,276	22,778	17.57	1,296
1966	169,884.28	154,336	181,706	39,144	18.07	2,166
1967	162,467.71	145,803	171,660	39,548	18.58	2,129
1968	287,972.77	255,193	300,450	73,915	19.10	3,870
1969	399,135.02	349,115	411,028	107,848	19.63	5,494
1970	362,727.01	313,026	368,539	103,006	20.17	5,107
1971	575,417.86	489,721	576,570	171,473	20.72	8,276
1972	979,639.20	821,848	967,597	305,934	21.28	14,377
1973	1,504,353.58	1,243,467	1,463,988	491,672	21.85	22,502
1974	1,731,783.84	1,409,708	1,659,711	591,608	22.43	26,376
1975	2,071,430.49	1,659,690	1,954,025	738,835	23.02	32,095
1976	2,090,049.37	1,647,899	1,940,143	776,921	23.61	32,906
1977	3,285,993.50	2,547,397	2,999,161	1,272,631	24.22	52,545
1978	3,510,642.66	2,675,183	3,149,609	1,414,226	24.83	56,956
1979	3,344,047.61	2,502,588	2,946,406	1,400,856	25.46	55,022
1980	3,977,291.48	2,922,200	3,440,433	1,730,046	26.09	66,311
1981	3,469,301.90	2,500,846	2,944,355	1,565,737	26.73	58,576
1982	2,374,976.32	1,678,040	1,975,629	1,111,840	27.39	40,593
1983	2,839,957.87	1,966,588	2,315,350	1,376,595	28.04	49,094
1984	2,710,637.67	1,837,677	2,163,577	1,360,252	28.71	47,379
1985	2,598,273.37	1,723,229	2,028,832	1,348,923	29.39	45,897
1986	4,010,115.02	2,600,475	3,061,652	2,151,498	30.07	71,550
1987	5,341,823.15	3,384,200	3,984,366	2,960,004	30.76	96,229
1988	7,366,028.10	4,554,938	5,362,727	4,213,110	31.46	133,920
1989	7,095,689.19	4,278,552	5,037,325	4,187,071	32.17	130,155
1990	9,769,819.22	5,740,746	6,758,830	5,941,935	32.88	180,716

### ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVI	VOR CURVE IOWA	A 60-R2				
NET S	ALVAGE PERCENT	-30				
1991	7,684,221.58	4,393,677	5,172,867	4,816,621	33.61	143,309
1992	9,346,029.91	5,198,066	6,119,909	6,029,930	34.33	175,646
1993	12,037,648.92	6,502,136	7,655,248	7,993,696	35.07	227,935
1994	15,211,165.18	7,969,129	9,382,402	10,392,113	35.82	290,120
1995	18,046,297.44	9,161,203	10,785,883	12,674,304	36.57	346,577
1996	15,946,396.79	7,836,059	9,225,733	11,504,583	37.32	308,269
1997	17,784,977.75	8,442,902	9,940,196	13,180,275	38.09	346,030
1998	13,877,410.18	6,356,256	7,483,497	10,557,136	38.86	271,671
1999	13,313,489.36	5,872,966	6,914,498	10,393,038	39.64	262,186
2000	18,070,525.30	7,666,041	9,025,564	14,466,119	40.42	357,895
2001	18,035,859.74	7,342,777	8,644,971	14,801,647	41.21	359,176
2002	9,680,843.53	3,773,390	4,442,576	8,142,521	42.01	193,823
2003	10,147,845.38	3,779,565	4,449,846	8,742,353	42.81	204,213
2004	16,160,875.93	5,735,495	6,752,648	14,256,491	43.62	326,834
2005	15,934,173.89	5,375,394	6,328,685	14,385,741	44.43	323,784
2006	13,900,493.49	4,442,306	5,230,120	12,840,522	45.25	283,768
2007	29,875,896.85	9,010,570	10,608,536	28,230,130	46.08	612,633
2008	13,709,248.94	3,888,231	4,577,784	13,244,240	46.91	282,333
2009	18,761,939.58	4,979,813	5,862,950	18,527,571	47.75	388,012
2010	6,855,745.67	1,694,884	1,995,461	6,917,008	48.59	142,355
2011	6,275,640.64	1,435,867	1,690,509	6,467,824	49.44	130,822
2012	12,440,086.76	2,617,133	3,081,265	13,090,848	50.29	260,307
2013	9,148,323.50	1,754,191	2,065,285	9,827,536	51.15	192,132
2014	9,794,574.11	1,693,482	1,993,810	10,739,136	52.02	206,442
2015	16,045,968.72	2,475,428	2,914,429	17,945,330	52.88	339,359
2016	16,528,353.12	2,234,633	2,630,931	18,855,928	53.76	350,743
2017	25,353,547.22	2,944,282	3,466,431	29,493,180	54.64	539,773
2018	22,306,974.51	2,165,360	2,549,372	26,449,695	55.52	476,399
2019	43,278,408.12	3,366,151	3,963,116	52,298,815	56.41	927,120
2020	47,671,238.78	2,788,767	3,283,337	58,689,273	57.30	1,024,246
2021	97,883,092.94	3,839,073	4,519,908	122,728,113	58.19	2,109,093
2022	149,392,564.57	2,913,155	3,429,784	190,780,550	59.10	3,228,097
2023	43,495,710.54	216,565	254,971	56,289,453	59.77	941,768
	866,289,998.01	199,517,673	234,900,628	891,276,369		17,816,100

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 50.0 2.06

### ACCOUNT 368.00 LINE TRANSFORMERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1925	12.75	16	16			
1937	708.23	865	885			
1939	8.12	10	10			
1948	22.56	24	28			
1950	92,339.33	97,743	115,424			
1951	15.10	16	19			
1952	6,703.68	6,944	8,380			
1953	73,012.44	74,797	91,266			
1954	253,989.10	257,380	317,486			
1955	279,355.28	279,910	349,194			
1956	660,960.19	654,764	826,200			
1957	561,615.50	550,130	702,019			
1958	475,149.21 459,265.03	460,034 439,431	593,937			
1959 1960	473,303.13	447,484	574,081 591,629			
1961	287,666.08	268,705	359,583			
1962	427,850.44	394,665	534,813			
1963	396,821.98	361,535	496,027			
1964	481,500.42	433,080	601,876			
1965	604,280.33	536,299	755,350			
1966	667,241.49	584,212	834,052			
1967	947,491.83	818,289	1,177,681	6,684	13.60	491
1968	801,869.66	682,952	982,904	19,433	14.02	1,386
1969	1,062,640.87	892,074	1,283,872	44,429	14.45	3,075
1970	1,011,516.67	836,802	1,204,325	60,071	14.88	4,037
1971	1,396,537.62	1,137,864	1,637,613	108,059	15.32	7,053
1972	1,828,478.23	1,466,942	2,111,221	174,377	15.76	11,065
1973	2,188,530.65	1,727,818	2,486,674	248,989	16.21	15,360
1974	3,720,020.48	2,889,340	4,158,335	491,691	16.66	29,513
1975	2,557,745.06	1,953,190	2,811,029	386,152	17.12	22,556
1976	1,917,169.53	1,438,956	2,070,944	325,518	17.58	18,516
1977	3,352,361.61	2,471,403	3,556,841	633,611	18.05	35,103
1978	5,453,273.71	3,947,420	5,681,123	1,135,469	18.52	61,310
1979	4,459,824.64	3,167,479	4,558,632	1,016,149	19.00	53,482
1980	3,107,748.39	2,164,819	3,115,605	769,080	19.48	39,480
1981	4,165,058.18	2,843,381	4,092,191	1,114,132	19.97	55,790
1982	3,504,344.49	2,343,530	3,372,806	1,007,625	20.46	49,249
1983	1,209,200.49	791,482	1,139,100	372,401	20.96	17,767
1984	2,734,021.06	1,750,696	2,519,600	897,926	21.46	41,842
1985	4,758,960.75	2,978,396	4,286,504	1,662,197	21.97	75,658
1986	5,661,865.59	3,461,452	4,981,718	2,095,614	22.48	93,221
1987	6,010,848.91	3,585,997	5,160,963	2,352,598	23.00 23.53	102,287
1988	7,710,540.36	4,483,968	6,453,322	3,184,853	∠3.53	135,353



### ACCOUNT 368.00 LINE TRANSFORMERS

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	VOR CURVE IOWA	44-R0.5				
	ALVAGE PERCENT					
1989	8,073,845.61	4,573,632	6,582,366	3,509,941	24.06	145,883
1990	5,791,328.71	3,193,483	4,596,057	2,643,104	24.59	107,487
1991	5,418,329.54	2,904,631	4,180,342	2,592,570	25.13	103,166
1992	7,308,309.09	3,805,711	5,477,175	3,658,211	25.67	142,509
1993	8,984,622.30	4,538,245	6,531,437	4,699,341	26.22	179,227
1994	11,081,840.66	5,424,422	7,806,822	6,045,479	26.77	225,830
1995	12,110,021.26	5,735,003	8,253,810	6,883,717	27.33	251,874
1996	11,229,211.04	5,139,329	7,396,517	6,639,997	27.89	238,078
1997	13,560,111.61	5,986,450	8,615,692	8,334,448	28.46	292,848
1998	12,269,428.86	5,218,035	7,509,790	7,826,996	29.03	269,617
1999	10,534,515.65	4,309,539	6,202,284	6,965,861	29.60	235,333
2000	14,812,050.02	5,815,396	8,369,512	10,145,551	30.18	336,168
2001	4,506,308.33	1,696,287	2,441,294	3,191,591	30.75	103,792
2002	5,847,996.09	2,103,305	3,027,074	4,282,921	31.34	136,660
2003	3,181,816.72	1,091,960	1,571,548	2,405,723	31.92	75,367
2004	5,788,518.65	1,889,517	2,719,391	4,516,257	32.51	138,919
2005	9,609,648.96	2,975,748	4,282,693	7,729,368	33.10	233,516
2006	9,688,202.82	2,837,675	4,083,979	8,026,275	33.69	238,239
2007	11,743,369.23	3,242,785	4,667,013	10,012,199	34.28	292,071
2008	9,416,837.41	2,439,785	3,511,336	8,259,711	34.88	236,804
2009	12,905,188.48	3,123,701	4,495,627	11,635,859	35.48	327,955
2010	10,004,055.99	2,253,789	3,243,651	9,261,419	36.07	256,762
2011	13,978,065.83	2,910,757	4,189,158	13,283,424	36.67	362,242
2012 2013	5,442,335.17 13,531,089.67	1,040,506 2,352,549	1,497,495 3,385,786	5,305,424 13,528,076	37.27 37.88	142,351 357,130
2013	21,039,671.98	3,299,284	4,748,326	21,551,264	38.48	560,064
2014	17,246,222.64	2,405,632	3,462,183	18,095,595	39.09	462,921
2015	11,402,536.98	1,392,962	2,004,750	12,248,421	39.70	308,524
2010	23,920,619.48	2,514,356	3,618,659	26,282,115	40.30	652,162
2017	11,046,601.59	966,578	1,391,098	12,417,154	40.92	303,450
2019	15,597,641.71	1,094,565	1,575,297	17,921,755	41.53	431,538
2020	20,734,564.26	1,095,563	1,576,733	24,341,472	42.14	577,633
2021	104,900,824.10	3,695,132	5,318,030	125,808,000	42.76	2,942,189
2022	99,279,872.31	1,748,567	2,516,536	121,583,304	43.38	2,802,750
2023	21,328,461.76	97,045	139,667	26,520,910	43.84	604,948
			•	·		
	659,075,933.68	158,594,218	227,584,406	596,260,511		15,949,601

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.4 2.42

### ACCOUNT 369.00 SERVICES

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

(7)
31
40
31,836
149
185
39
32,280

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 57.1 2.03

### ACCOUNT 369.10 SERVICES - UNDERGROUND

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1953	57,340.57	52,863	74,543			
1956	108.29	97	141			
1957	157.29	139	204			
1961	5,945.62	5,015	7,729			
1962	7,775.34	6,477	10,108			
1963	4,530.60	3,726	5,890			
1964	25,581.22	20,774	33,256			
1965	138,508.11	110,977	180,061			
1966	244,020.40	192,874	317,227			
1967	373,071.35	290,836	484,993			
1968	477,416.65	366,799	620,642			
1969	361,702.76	273,899	470,214			
1970	361,503.12	269,599	469,954			
1971	521,512.52	382,936	677,966			
1972	757,806.18	547,742	985,148			
1973	934,811.99	664,745	1,215,256			
1974	53,964.25	37,731	70,154			
1975	1,258,996.22	865,272	1,636,695			
1976	1,992,857.59	1,345,436	2,590,715			
1977	2,434,922.66	1,614,354	3,165,399			
1978	2,492,276.82	1,621,600	3,239,960			
1979	2,646,122.35	1,688,435	3,439,959			
1980	2,098,830.64	1,312,863	2,728,480			
1981	2,153,017.50	1,319,216	2,798,923			
1982	1,654,707.18	992,742	2,151,119			
1983 1984	2,099,407.99 1,177,047.46	1,232,248 675,566	2,729,230	16 510	33.51	493
1985	2,533,294.53	1,420,492	1,513,643 3,182,690	16,519 110,593	34.12	3,241
1986	3,070,962.05	1,420,492	3,162,090	224,946	34.12	6,477
1987	3,544,224.92	1,892,896	4,241,137	366,355	35.35	10,364
1988	4,088,508.73	2,128,682	4,769,429	545,632	35.97	15,169
1989	4,328,620.12	2,120,002	4,917,144	710,062	36.60	19,401
1990	5,194,210.15	2,561,416	5,738,993	1,013,480	37.24	27,215
1991	4,933,772.33	2,365,640	5,300,346	1,113,558	37.21	29,405
1992	5,784,202.99	2,693,246	6,034,366	1,485,098	38.51	38,564
1993	6,622,009.68	2,990,029	6,699,324	1,909,289	39.16	48,756
1994	7,276,584.46	3,183,142	7,132,005	2,327,555	39.81	58,467
1995	8,112,642.35	3,434,658	7,695,540	2,850,895	40.46	70,462
1996	9,075,903.37	3,712,689	8,318,484	3,480,190	41.12	84,635
1997	10,130,126.88	3,999,080	8,960,158	4,209,007	41.78	100,742
1998	6,553,881.54	2,492,113	5,583,716	2,936,330	42.45	69,171
1999	5,833,332.96	2,133,419	4,780,042	2,803,291	43.12	65,011
2000	8,793,827.29	3,088,577	6,920,126	4,511,849	43.79	103,034
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### ACCOUNT 369.10 SERVICES - UNDERGROUND

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2001 2002 2003 2004 2005 2006 2007 2008 2010 2011 2012 2013 2014 2015 2016	5,316,735.75 2,347,248.68 5,412,337.29 3,859,072.10 5,014,826.51 1,630,712.83 3,573,954.35 4,482,914.57 3,204,638.82 1,122,429.75 711,473.17 5,193,350.68 3,454,133.01 3,831,920.91 4,153,223.59 4,353,797.99	1,790,145 755,746 1,662,827 1,128,779 1,392,973 428,586 885,880 1,044,165 698,518 227,629 133,493 895,702 542,572 542,983 524,639 482,057	4,010,918 1,693,290 3,725,655 2,529,091 3,121,033 960,271 1,984,863 2,339,509 1,565,068 510,015 299,098 2,006,870 1,215,662 1,216,583 1,175,483 1,080,075	2,900,838 1,358,133 3,310,383 2,487,703 3,398,241 1,159,656 2,661,278 3,488,280 2,600,962 949,144 625,817 4,744,486 3,274,711 3,764,914 4,223,708 4,579,862	44.46 45.14 45.82 46.50 47.18 47.87 48.56 49.25 49.94 50.64 51.34 52.04 52.75 53.46 54.17 54.89	65,246 30,087 72,248 53,499 72,027 24,225 54,804 70,828 52,082 18,743 12,190 91,170 62,080 70,425 77,971 83,437
2017 2018 2019 2020	1,641,203.09 303,738.98 1,790,023.53 24,141,139.86	156,113 24,154 114,024 1,155,854	349,780 54,118 255,477 2,589,755	1,783,784 340,743 2,071,554 28,793,727	55.61 56.33 57.06 57.79	32,077 6,049 36,305 498,248
2021 2022 2023	1,013,192.13 6,703,859.52 6,178,726.70 219,644,700.83	32,494 107,456 25,463 72,619,318	72,805 240,761 57,051 158,711,645	1,244,345 8,474,256 7,975,293 126,826,466	58.52 59.26 59.81	21,264 143,001 133,344 2,531,957

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 50.1 1.15

### ACCOUNT 369.20 SERVICES - OVERHEAD

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA					
1950	223,800.85	212,532	290,941			
1953	66,119.62	60,957	85,956			
1954	138,934.31	126,791	180,615			
1955	193,087.57 236,203.37	174,372	251,014			
1956 1957	259,866.60	211,005 229,611	307,064 337,827			
1958	321,165.46	280,641	417,515			
1959	370,645.02	320,100	481,839			
1960	352,073.20	300,555	457,695			
1961	303,100.57	255,659	394,031			
1962	297,044.45	247,461	386,158			
1963	267,897.43	220,338	348,267			
1964	312,130.52	253,472	405,770			
1965	355,531.78	284,862	462,191			
1966	302,768.69	239,308	393,599			
1967	303,891.16	236,905	395,059			
1968	333,300.00	256,074	433,290			
1969	359,569.74	272,284	467,441			
1970	351,820.48	262,378	457,367			
1971	449,942.90	330,384	584,926			
1972	458,874.00	331,674	596,536			
1973	462,365.31	328,788	601,075			
1974	1,479,860.56	1,034,687	1,923,819			
1975	530,581.64	364,653	689,756			
1976	599,131.69	404,491	778,871			
1977	613,896.59	407,013	798,066			
1978	560,040.84	364,391	728,053			
1979	718,240.38	458,294	933,712			
1980	786,273.57	491,831	1,022,156			
1981	917,139.85	561,958	1,192,282 1,101,515			
1982 1983	847,319.54 671,571.99	508,349 394,179	873,044			
1984	2,154,183.33	1,236,394	2,800,438			
1985	696,090.23	390,318	904,917			
1986	728,459.05	398,847	946,997			
1987	742,805.55	396,717	965,647			
1988	4,728.93	2,462	6,148			
1989	771,448.70	391,124	1,002,883			
1990	869,368.49	428,711	1,130,179			
1991	966,480.00	463,407	1,256,424			
1992	999,301.04	465,296	1,272,918	26,173	38.51	680
1993	1,031,685.94	465,836	1,274,395	66,797	39.16	1,706
1994	951,693.71	416,318	1,138,928	98,274	39.81	2,469



### ACCOUNT 369.20 SERVICES - OVERHEAD

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SIIBMIN	OR CURVE IOWA	60-R1				
	ALVAGE PERCENT					
NEI DE	ALVAGE IERCENI	30				
1995	1,017,211.57	430,658	1,178,158	144,217	40.46	3,564
1996	1,008,283.38	412,459	1,128,371	182,397	41.12	4,436
1997	1,103,977.78	435,818	1,192,274	242,897	41.78	5,814
1998	20,595.87	7,832	21,426	5,349	42.45	126
1999	34,428.03	12,591	34,445	10,311	43.12	239
2000	173,969.60	61,102	167,158	59,002	43.79	1,347
2001	614,315.26	206,840	565,856	232,754	44.46	5,235
2002	410,894.22	132,296	361,924	172,238	45.14	3,816
2003	1,360,197.62	417,892	1,143,234	625,023	45.82	13,641
2004	261,410.22	76,462	209,178	130,655	46.50	2,810
2005	1,256,765.38	349,093	955,020	678,775	47.18	14,387
2006	235,682.85	61,942	169,456	136,932	47.87	2,860
2007	783,771.97	194,274	531,479	487,425	48.56	10,038
2008	631,128.61	147,003	402,159	418,308	49.25	8,494
2009	889,284.45	193,838	530,286	625,784	49.94	12,531
2010	402,049.50	81,536	223,059	299,605	50.64	5,916
2011	1,090,927.86	204,690	559,974	858,232	51.34	16,717
2012	747,429.13	128,910	352,661	618,997	52.04	11,895
2013	445,681.84	70,007	191,519	387,867	52.75	7,353
2014	1,193,996.68	169,189	462,853	1,089,343	53.46	20,377
2015	1,913,122.24	241,668	661,135	1,825,924	54.17	33,707
2016	859,799.80	95,198	260,435	857,305	54.89	15,619
2017	1,081,550.28	102,878	281,445	1,124,570	55.61	20,222
2018	14,040.58	1,117	3,056	15,197	56.33	270
2019	21,068.28	1,342	3,671	23,718	57.06	416
2020	630,085.75	30,168	82,531	736,580	57.79	12,746
2021	126,034.08	4,042	11,058	152,786	58.52	2,611
2022	752,171.41	12,057	32,985	944,838	59.26	15,944
2023	612,914.01	2,526	6,910	789,878	59.81	13,206
	44,053,222.90	19,766,855	43,201,040	14,068,150		271,192

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 51.9 0.62

### ACCOUNT 370.00 METERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA AGE PERCENT					
1926	30.08	31	31			
1927	28.22	29	29			
1929	121.41	124	124			
1930	41.38	42	42			
1931	37.04	38	38			
1936	61.26	62	62			
1937	10,153.30	10,356	10,356			
1940	13,282.52	13,548	13,548			
1945	23,262.92	23,728	23,728			
1947	121.41	124	124			
1949	1,218.80	1,243	1,243			
1950	117,705.22	120,059	120,059			
1951	2,390.26	2,438	2,438			
1952	46.36	47	47			
1953	49,108.83	50,091	50,091			
1954	120,421.72	122,830	122,830			
1955	62,161.73	63,405	63,405			
1956	59,388.72	60,576	60,576			
1957	111,255.96	113,481	113,481			
1958	68,828.69	70,205	70,205			
1959	34,318.88	35,005	35,005			
1960	61,528.32	62,759	62,759			
1961	112,653.06	114,906	114,906			
1962	115,416.93	117,725	117,725			
1963	110,925.53	113,144	113,144			
1964	150,667.16	153,681	153,681			
1965	179,229.77	182,814	182,814			
1966	168,744.17	172,119	172,119			
1967	146,916.67	149,855	149,855 257,393			
1968	252,346.39	257,393				
1969	168,706.63	172,081 116,831	172,081 116,831			
1970	114,540.14	· · · · · · · · · · · · · · · · · · ·				
1971	221,199.24	225,623 268,254	225,623			
1972	262,993.76		268,254			
1973	347,334.11	354,281	354,281			
1974	521,676.72	524,235	532,110			
1975	305,141.62	302,281	311,244			
1976	346,452.78	338,398	353,382			
1977	539,399.32	519,377	550,187			
1978	555,388.31	527,068	566,496			
1979	375,985.73	351,751	383,505			
1980	483,251.45	445,399	492,916			
1981	546,235.56	496,096	557,160			

### ACCOUNT 370.00 METERS

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIV	OR CURVE IOWA	25-S0.5				
	LVAGE PERCENT					
1121 011		_				
1982	724,517.40	647,962	739,008			
1983	352,654.69	310,644	359,708			
1984	547,305.86	474,514	558,252			
1985	454,586.41	387,820	463,678			
1986	565,815.71	474,633	577,132			
1987	574,384.27	473,619	585,872			
1988	1,015,397.82	822,765	1,035,706			
1989	1,107,660.02	881,706	1,129,813			
1990	827,238.51	646,338	843,783			
1991	1,106,124.73	847,539	1,128,247			
1992	632,022.45	474,730	644,663			
1993	473,667.05	348,441	483,140			
1994	958,854.08	690,099	978,031			
1995	1,914,687.88	1,347,557	1,952,982			
1996	1,465,818.15	1,007,721	1,495,135			
1997	2,981,171.38	1,999,627	3,040,795			
1998	1,421,362.87	929,026	1,449,790			
1999	1,627,237.78	1,035,040	1,659,783			
2000	103,696.42	64,097	105,770			
2001	609,256.70	365,408	621,442			
2002	161,770.29	93,987	165,006			
2003	684,058.01	384,036	697,739			
2004	3,914,099.05	2,119,156	3,992,381			
2005	1,704,016.62	887,820	1,738,097			
2006	2,603,390.69	1,301,175	2,655,459			
2007	3,011,895.84	1,440,216	3,072,134			
2008	1,591,247.61	725,189	1,623,073			
2009	1,849,986.36	800,082	1,886,986			
2010	1,645,913.60	672,204	1,678,832			
2011	717,153.99	275,043	731,497			
2012	2,342,529.22	838,194	2,389,380			
2013	479,826.71	158,965	489,423			
2014	1,495,624.05	454,000	1,525,537			
2015	92,975.58	25,568	94,835			
2016	195,165.92	47,856	199,069			
2017	217,373.87	46,561	221,721			
2018	75,448.11	13,729	76,957			
2019	9,279,841.86	1,378,168	9,465,439			
2020	103,431.85	11,732	105,500			

### ACCOUNT 370.00 METERS

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	VOR CURVE IOWA	25-S0.5				
NET S	ALVAGE PERCENT	-2				
2021	346,811.28	26,885	249,385	104,363	23.10	4,518
2022	6,722,436.67	266,047	2,467,844	4,389,041	24.03	182,648
2023	1,124,294.32	11,468	106,377	1,040,403	24.75	42,036
	66,583,469.76	32,860,900	62,381,329	5,533,810		229,202
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	24.1	0.34

### ACCOUNT 370.20 METERS - AMI

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2015	84,474.47	43,484	55,608	30,556	7.43	4,113
2016	4,951.27	2,269	2,902	2,148	8.26	260
2019	123,384,802.84	33,309,381	42,596,864	83,255,635	11.03	7,548,108
2020	192,734.55	39,186	50,112	146,477	12.01	12,196
2021	9,464,570.98	1,287,149	1,646,038	8,007,824	13.00	615,986
2022	13,721,431.29	933,104	1,193,276	12,802,584	14.00	914,470
2023	522,933.61	8,892	11,372	522,021	14.75	35,391
	147,375,899.01	35,623,465	45,556,172	104,767,245		9,130,524

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.5 6.20

### ACCOUNT 370.70 METERS - EV CHARGERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA 1 ALVAGE PERCENT (					
2022 2023	3,523,735.80 191,886.70	352,374 4,797	44,464 605	3,479,272 191,282	9.00 9.75	386,586 19,619
	3,715,622.50	357,171	45,069	3,670,553		406,205
	COMPOSITE REMAINI	NG LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	9.0	10.93

### ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1964	13,485.92	12,725	14,093	1,416	3.59	394
1965	53,626.77	50,138	55,529	6,142	3.74	1,642
1966	50,736.20	47,027	52,083	6,264	3.88	1,614
1967	55,798.06	51,238	56,747	7,421	4.03	1,841
1968	54,473.54	49,552	54,880	7,765	4.18	1,858
1969	56,683.29	51,073	56,564	8,622	4.33	1,991
1970	46,962.94	41,910	46,416	7,591	4.48	1,694
1971	62,090.21	54,838	60,734	10,670	4.64	2,300
1972	34,436.02	30,117	33,355	6,246	4.79	1,304
1973	41,820.01	36,190	40,081	8,012	4.95	1,619
1974	49,255.69	42,143	46,674	9,970	5.12	1,947
1975	48,143.57	40,749	45,130	10,235	5.28	1,938
1976	35,794.44	29,947	33,167	7,997	5.45	1,467
1977	34,198.49	28,277	31,317	8,011	5.62	1,425
1978	40,346.41	32,943	36,485	9,913	5.80	1,709
1979	64,241.60	51,788	57,356	16,522	5.98	2,763
1980	95,162.55	75,730	83,872	25,565	6.16	4,150
1981	131,291.46	103,123	114,211	36,774	6.34	5,800
1982	111,376.48	86,264	95,539	32,544	6.53	4,984
1983	207,625.82	158,543	175,589	63,181	6.72	9,402
1984	148,628.51	111,869	123,897	47,026	6.91	6,805
1985	248,905.00	184,482	204,317	81,924	7.11	11,522
1986	71,619.79	52,259	57,878	24,485	7.31	3,350
1988	106,223.56	74,943	83,001	39,156	7.73	5,065
1989	35,213.35	24,419	27,044	13,451	7.94	1,694
1990	98,937.86	67,357	74,599	39,180	8.16	4,801
1991	766,090.62	511,423	566,410	314,594	8.39	37,496
1992	1,211,119.03	793,192	878,474	514,313	8.61	59,734
1993	1,211,042.24	776,429	859,909	532,790	8.85	60,202
1994	1,455,112.22	912,828	1,010,974	662,405	9.09	72,872
1995	1,671,610.55	1,025,575	1,135,843	786,509	9.33	84,299
1996	963,522.38	577,294	639,364	468,687	9.58	48,923
1997	1,758,853.37	1,028,533	1,139,119	883,562	9.83	89,884
1998	654,767.77	373,103	413,218	339,765	10.09	33,673
1999	250,850.03	139,046	153,996	134,482	10.36	12,981
2000	278,102.96	149,835 1,049,010	165,945	153,873	10.63 10.91	14,475 105,065
2001 2002	2,007,002.76 627,805.20	317,669	1,161,797 351,824	1,146,256 370,152	11.20	
2002	844,309.42	413,142	457,562	513,394	11.49	33,049 44,682
2003	844,825.61	398,821	441,702	529,847	11.49	44,940
2004	1,403,462.35	638,330	706,962	907,020	12.09	75,022
2005	254,346.49	111,003	122,938	169,560	12.09	13,663
2007	835,248.83	349,155	386,695	573,841	12.73	45,078
2007	033,210.03	517,155	300,000	373,011	14.75	13,070

### ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIV	OR CURVE IOWA	20-L0				
NET SA	ALVAGE PERCENT	-15				
2008	1,414,495.46	564,454	625,143	1,001,527	13.06	76,687
2009	677,175.30	256,988	284,619	494,133	13.40	36,876
2010	20,990.70	7,544	8,355	15,784	13.75	1,148
2011	1,143,879.85	388,061	429,785	885,677	14.10	62,814
2012	16,600.56	5,279	5,847	13,244	14.47	915
2013	959,297.93	284,624	315,226	787,967	14.84	53,098
2014	288,602.64	79,156	87,667	244,226	15.23	16,036
2015	937,583.34	235,591	260,921	817,300	15.63	52,290
2016	101,059.27	22,953	25,421	90,797	16.05	5,657
2017	373.51	76	84	346	16.48	21
2018	185,180.14	32,476	35,968	176,989	16.95	10,442
2019	378,491.49	55,714	61,704	373,561	17.44	21,420
2020	404,640.61	46,999	52,052	413,285	17.98	22,986
2021	687,941.79	56,962	63,086	728,047	18.56	39,227
2022	10,684,526.43	479,201	530,724	11,756,481	19.22	611,680
2023	1,353,065.21	16,338	18,095	1,537,930	19.79	77,712
	38,289,053.60	13,686,448	15,157,987	28,874,425		2,050,126

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.1 5.35

### ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR	CURVE IOWA	30-01				
NET SALV	AGE PERCENT	-15				
1940	54.16	62	62			
1948	5,333.80	6,134	6,134			
1949	1,389.78	1,598	1,598			
1950	13,995.98	16,095	16,095			
1951	2,029.53	2,334	2,334			
1952	1,773.36	2,039	2,039			
1953	22,162.89	25,487	25,487			
1954	24,766.71	28,482	28,482			
1955	14,251.69	16,389	16,389			
1956	7,833.02	9,008	9,008			
1957	15,849.96	18,227	18,227			
1958	20,139.68	23,161	23,161			
1959	6,338.26	7,289	7,289			
1960	8,778.27	10,095	10,095			
1961	34,467.14	39,637	39,637			
1962	12,739.25	14,650	14,650			
1963	31,050.05	35,708	35,708			
1964	60,987.88	68,967	70,136			
1965	8,839.83	9,827	10,166			
1966	60,718.42	66,335	69,826			
1967	83,960.25	90,117	96,554			
1968	145,246.16	153,114	166,664	369	2.50	148
1969	151,733.09	157,044	170,942	3,551	3.00	1,184
1970	211,574.46	214,924	233,944	9,367	3.50	2,676
1971	342,020.68	340,882	371,050	22,274	4.00	5,568
1972	87,427.39	85,460	93,023	7,518	4.50	1,671
1973	180,917.35	173,378	188,722	19,333	5.00	3,867
1974	232,896.41	218,729	238,086	29,745	5.50	5,408
1975	381,827.08	351,281	382,369	56,732	6.00	9,455
1976	373,822.85	336,751	366,553	63,343	6.50	9,745
1977	281,501.46	248,192	270,157	53,570	7.00	7,653
1978	397,709.65	343,025	373,382	83,984	7.50	11,198
1979	577,050.48	486,644	529,711	133,897	8.00	16,737
1980	485,403.97	400,056	435,460	122,755	8.50	14,442
1981	764,925.72	615,765	670,259	209,406	9.00	23,267
1982	540,854.28	425,019	462,633	159,349	9.50	16,774
1983	505,254.88	387,364	421,645	159,398	10.00	15,940
1984	248,132.02	185,479	201,894	83,458	10.50	7,948
1985	131,978.66	96,124	104,631	47,144	11.00	4,286
1986	243,547.06	172,716	188,001	92,078	11.50	8,007
1987	701,399.71	483,966	526,796	279,814	12.00	23,318
1988	744,607.83	499,505	543,710	312,589	12.50	25,007
1989	545,484.06	355,476	386,935	240,372	13.00	18,490

### ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TWGIIP	OR CURVE IOWA	30-01				
	ALVAGE PERCENT					
NET DE	ADVAGE TERCENT	13				
1990	711,863.91	450,254	490,101	328,542	13.50	24,336
1991	702,587.42	430,918	469,054	338,922	14.00	24,209
1992	718,153.56	426,706	464,469	361,408	14.50	24,925
1993	834,541.01	479,861	522,328	437,394	15.00	29,160
1994	856,798.25	476,234	518,380	466,938	15.50	30,125
1995	1,489,655.93	799,454	870,205	842,899	16.00	52,681
1996	532,811.73	275,730	300,132	312,601	16.50	18,946
1997	1,026,585.74	511,578	556,852	623,722	17.00	36,690
1998	1,013,984.37	485,871	528,870	637,212	17.50	36,412
1999	686,868.78	315,960	343,922	445,977	18.00	24,776
2000	681,307.21	300,340	326,920	456,583	18.50	24,680
2001	1,844,866.79	777,926	846,771	1,274,826	19.00	67,096
2002	282,227.48	113,597	123,650	200,912	19.50	10,303
2003	532,482.37	204,116	222,180	390,175	20.00	19,509
2004	357,664.13	130,251	141,778	269,536	20.50	13,148
2005	780,453.77	269,257	293,086	604,436	21.00	28,783
2006	134,467.01	43,813	47,690	106,947	21.50	4,974
2007	548,288.79	168,144	183,024	447,508	22.00	20,341
2008	13,891.35	3,994	4,347	11,628	22.50	517
2009	251,353.88	67,446	73,415	215,642	23.00	9,376
2010	2,831.46	706	768	2,488	23.50	106
2011	39,266.39	9,031	9,830	35,326	24.00	1,472
2012	10,016.63	2,112	2,299	9,220	24.50	376
2013	672,188.77	128,839	140,241	632,776	25.00	25,311
2014	1,034,182.33	178,396	194,184	995,126	25.50	39,025
2015	2,589,222.18	397,004	432,139	2,545,467	26.00	97,903
2016	5,219.87	700	762	5,241	26.50	198
2017	3,437.65	395	430	3,523	27.00	130
2018	1,037,456.11	99,419	108,217	1,084,858	27.50	39,449
2019	940,842.10	72,135	78,519	1,003,449	28.00	35,837
2020	2,041,878.35	117,408	127,799	2,220,361	28.50	77,907
2021	2,350,454.08	90,092	98,065	2,604,957	29.00	89,826
2022	26,016,716.74	498,753	542,892	29,376,332	29.50	995,808
2023	5,298,874.58	24,375	26,532	6,067,174	29.88	203,051
	64,756,215.88	15,573,350	16,919,495	57,550,153		2,340,175

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 24.6 3.61

### ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
( _ /	( 2 )	(3)	(1)	(3)	(0)	( / )
	OR CURVE IOWA					
NET SAI	LVAGE PERCENT	-15				
1014	2 750 56	2 162	2 162			
1914	2,750.56 62,203.73	3,163	3,163			
1915 1916	367.74	71,534 423	71,534 423			
1920 1925	12,604.86 100.00	14,496 115	14,496 115			
1925	19,537.98	22,469	22,469			
1927	105.51	121	121			
1927	107.59	124	124			
		417	417			
1930	362.76	784	799			
1935	694.50 12,014.94		13,817			
1939		13,157				
1940	11,956.26	12,992	13,750			
1941	13,210.79	14,254	15,192			
1942	210.17	225	242			
1944	4,271.66	4,528	4,912			
1945	44.80	47	52			
1946	1,638.03	1,717	1,884			
1947	1,261.80	1,316	1,451			
1950	2,570.75	2,633	2,956			
1951	1,698,438.60	1,728,801	1,953,204			
1952	1,612,266.97	1,630,372	1,854,107			
1953	185,688.91	186,493	213,542			
1954	1,048,877.55	1,046,181	1,206,209			
1955	29,190.78	28,907	33,569			
1956	10,229.43	10,057	11,764			
1957	16,368.69	15,975	18,824			
1958	24,463.91	23,695	28,133			
1959	6,940.06 1,147,474.51	6,669	7,981			
1960		1,093,800	1,319,596			
1961	130,809.19	123,654	150,431			
1962	17,444.53	16,352	20,061			
1963	10,788.99	10,025	12,407			
1964	515,490.97	474,779	592,815			
1965	70,685.01	64,507	81,288			
1966	78,687.32	71,125	90,490			
1967	101,716.66	91,032	116,974			
1968	55,756.07	49,400	64,119			
1969	534,216.29	468,269	614,349			
1970	57,841.45	50,154	66,518			
1971	95,002.98	81,430	109,253			
1972	176,824.75	149,754	203,348			
1973	237,375.91	198,611	272,982	2 556	10.60	000
1974	387,931.32	320,413	442,365	3,756	12.68	296

### ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1975	688,306.98	560,950	774,452	17,101	13.11	1,304
1976	203,347.60	163,435	225,640	8,210	13.55	606
1977	448,401.56	355,234	490,439	25,223	14.00	1,802
1978	328,065.22	255,958	353,378	23,897	14.47	1,651
1979	480,581.29	369,183	509,697	42,971	14.94	2,876
1980	1,048,781.80	792,540	1,094,187	111,912	15.43	7,253
1981	3,250,002.78	2,414,427	3,333,379	404,124	15.93	25,369
1982	1,840,881.23	1,343,605	1,854,993	262,020	16.44	15,938
1983	370,415.39	265,431	366,456	59,522	16.96	3,510
1984	134,852.57	94,805	130,889	24,191	17.49	1,383
1985	100,867.73	69,495	95,945	20,053	18.04	1,112
1986	408,757.99	275,880	380,882	89,190	18.59	4,798
1987	697,612.80	460,671	636,006	166,249	19.16	8,677
1988	1,180,051.67	761,758	1,051,690	305,369	19.74	15,470
1989	899,055.28	566,812	782,545	251,369	20.33	12,364
1990	4,218,753.08	2,596,122	3,584,228	1,267,338	20.92	60,580
1991	4,268,406.87	2,560,165	3,534,586	1,374,082	21.53	63,822
1992	4,782,371.67	2,792,652	3,855,559	1,644,168	22.15	74,229
1993	3,111,927.82	1,767,099	2,439,672	1,139,045	22.78	50,002
1994	1,410,115.68	777,670	1,073,658	547,975	23.42	23,398
1995	2,327,345.36	1,244,842	1,718,640	957,807	24.07	39,793
1996	773,119.48	400,685	553,189	335,898	24.72	13,588
1997	1,586,710.93	795,175	1,097,825	726,893	25.39	28,629
1998	1,687,583.46	816,830	1,127,722	812,999	26.06	31,197
1999	6,601,326.05	3,080,489	4,252,950	3,338,575	26.74	124,853
2000	2,994,316.49	1,344,466	1,856,181	1,587,283	27.43	57,867
2001	2,028,478.06	874,525	1,207,377	1,125,373	28.13	40,006
2002	1,677,608.46	693,237	957,089	972,161	28.83	33,720
2003	798,130.11	315,125	435,064	482,786	29.55	16,338
2004	1,095,114.85	412,523	569,533	689,849	30.26	22,797
2005	1,909,157.75	683,535	943,694	1,251,837	30.99	40,395
2006	595,004.38	201,931	278,788	405,467	31.72	12,783
2007	3,593,205.98	1,151,517	1,589,794	2,542,393	32.46	78,324
2008	7,375,376.74	2,224,067	3,070,566	5,411,117	33.20	162,985
2009	4,960,001.69	1,400,675	1,933,784	3,770,218	33.95	111,052
2010	5,730,441.51	1,506,937	2,080,490	4,509,518	34.71	129,920
2011	9,423,810.26	2,295,141	3,168,691	7,668,691	35.47	216,202
2012	10,359,496.66	2,321,807	3,205,507	8,707,914	36.23	240,351
2013	10,051,350.21	2,054,968	2,837,106	8,721,947	37.00	235,728
2014	19,041,844.17	3,513,335	4,850,540	17,047,581	37.78	451,233
2015	16,650,286.02	2,740,246	3,783,207	15,364,622	38.56	398,460
2016	19,817,451.57	2,861,521	3,950,641	18,839,428	39.35	478,766
2017	38,174,400.72	4,741,261	6,545,826	37,354,735	40.14	930,611



### ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2018 2019 2020 2021 2022 2023	14,614,634.90 42,324,369.24 23,459,238.36 24,205,360.58 17,046,048.42 3,927,646.13	1,516,312 3,525,874 1,468,689 1,014,350 357,166 21,093	2,093,433 4,867,852 2,027,684 1,400,421 493,106 29,121	14,713,397 43,805,173 24,950,440 26,435,744 19,109,850 4,487,672	40.94 41.74 42.55 43.36 44.18 44.79	359,389 1,049,477 586,379 609,680 432,545 100,194
	333,096,940.83	72,927,184	99,146,348	283,915,134		7,409,702

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 38.3 2.22

### ACCOUNT 391.00 OFFICE FURNITURE AND EQUIPMENT

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE 20-S	~				
NET SA	ALVAGE PERCENT	0				
2000	8,857.96	8,858	8,858			
2001	59,193.88	59,194	59,194			
2005	23,902.85	21,513	23,903			
2007	11,068.29	8,855	11,068			
2008	164,235.46	123,177	164,235			
2009	494,758.52	346,331	494,759			
2010	688,757.51	447,692	688,758			
2011	226,406.93	135,844	226,407			
2012	194,660.97	107,064	194,661			
2013	987,240.80	493,620	955,900	31,341	10.00	3,134
2014	3,328,113.37	1,497,651	2,900,218	427,895	11.00	38,900
2015	1,664,328.50	665,731	1,289,195	375,134	12.00	31,261
2016	1,010,440.88	353,654	684,855	325,586	13.00	25,045
2017	1,971,583.66	591,475	1,145,398	826,186	14.00	59,013
2018	3,316,118.60	829,030	1,605,425	1,710,694	15.00	114,046
2019	4,117,484.27	823,497	1,594,711	2,522,773	16.00	157,673
2020	3,024,251.71	453,638	878,475	2,145,777	17.00	126,222
2021	393,047.36	39,305	76,115	316,932	18.00	17,607
2022	1,217,545.35	60,877	117,889	1,099,657	19.00	57,877
	22,901,996.87	7,067,006	13,120,024	9,781,973		630,778

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 15.5 2.75

### ACCOUNT 391.10 OFFICE FURNITURE AND EQUIPMENT - EDP

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	OR CURVE 5-SQ	UARE				
NET SA	ALVAGE PERCENT	0				
2014	58,563.04	58,563	58,563			
2015	18,983.41	18,983	18,983			
2016	1,895.78	1,896	1,896			
2017	529,481.06	529,481	529,481			
2018	4,883,335.95	4,883,336	4,883,336			
2019	3,811,431.06	3,049,145	1,908,407	1,903,024	1.00	1,903,024
2020	4,851,562.31	2,910,937	1,821,906	3,029,656	2.00	1,514,828
2021	1,556,928.00	622,771	389,782	1,167,146	3.00	389,049
2022	29,671,286.23	5,934,257	3,714,149	25,957,137	4.00	6,489,284
2023	9,942,661.92	497,133	311,147	9,631,515	4.75	2,027,687
	55,326,128.76	18,506,502	13,637,650	41,688,479		12,323,872

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.4 22.27

### ACCOUNT 392.00 TRANSPORTATION EQUIPMENT

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1955	3,602.41	3,242	3,242			
1958	816.69	735	735			
1974	11,204.25	9,368	10,084			
1978	9,998.62	8,045	8,999			
1983	3,901.68	3,009	3,512			
1994	2,795.00	1,895	2,516			
1997	163,938.50	105,937	144,219	3,326	5.64	590
2000	140,089.78	86,239	117,403	8,678	6.32	1,373
2001	801,635.93	486,272	661,994	59,478	6.52	9,122
2002	98,940.96	59,172	80,555	8,492	6.71	1,266
2003	189,174.56	111,518	151,817	18,440	6.90	2,672
2004	311,077.24	180,720	246,026	33,944	7.09	4,788
2005	631,840.10	361,097	491,585	77,071	7.30	10,558
2006	188,036.66	105,517	143,647	25,586	7.53	3,398
2007	38,504.63	21,104	28,730	5,924	7.82	758
2008	44,451.57	23,684	32,243	7,763	8.16	951
2009	8,774.95	4,509	6,138	1,759	8.58	205
2012	45.39	20	27	14	10.25	1
2017	10,084,755.70	2,618,507	3,564,748	5,511,532	14.23	387,318
2018	446,893.54	97,736	133,055	269,149	15.14	17,777
2019	1,414,345.44	250,127	340,515	932,396	16.07	58,021
2020	1,180,342.15	157,753	214,759	847,549	17.03	49,768
2022	1,063,413.49	47,854	65,147	891,925	19.00	46,943
2023	202,681.28	2,280	3,104	179,309	19.75	9,079
	17,041,260.52	4,746,340	6,454,800	8,882,335		604,588

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.7 3.55

### ACCOUNT 393.00 STORES EQUIPMENT

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE 20-SQ VAGE PERCENT	~				
2010	79,529.79	51,694	57,497	22,033	7.00	3,148
2013	157,676.81	78,838	87,688	69,989	10.00	6,999
2015	147,320.42	58,928	65,543	81,777	12.00	6,815
2016	27,464.17	9,612	10,691	16,773	13.00	1,290
2017	19,372.92	5,812	6,464	12,909	14.00	922
2018	218,026.59	54,507	60,625	157,402	15.00	10,493
2019	233,963.11	46,793	52,046	181,917	16.00	11,370
	883,353.81	306,184	340,554	542,800		41,037

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.2 4.65

### ACCOUNT 393.10 FORKLIFTS

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)			
SURVIVOR CURVE 25-SQUARE									
NET SAI	LVAGE PERCENT	0							
2018	508,854.93	101,771	113,195	395,660	20.00	19,783			
2019	154,421.83	24,707	27,480	126,942	21.00	6,045			
2020	168,922.38	20,271	22,547	146,375	22.00	6,653			
2022	305,396.38	12,216	13,587	291,809	24.00	12,159			
	1,137,595.52	158,965	176,809	960,786		44,640			

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 21.5 3.92

### ACCOUNT 394.00 TOOLS, SHOPS AND GARAGE EQUIPMENT

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVI	OR CURVE 25-S	QUARE				
NET SA	ALVAGE PERCENT	0				
1994	25,086.94	25,087	25,087			
1998	40,896.35	40,896	40,896			
1999	24,146.25	23,180	19,939	4,207	1.00	4,207
2000	1,262,466.24	1,161,469	999,075	263,391	2.00	131,696
2001	118,465.99	104,250	89,674	28,792	3.00	9,597
2002	1,196,579.31	1,005,127	864,592	331,987	4.00	82,997
2003	717,426.73	573,941	493,694	223,733	5.00	44,747
2004	1,162,273.94	883,328	759,823	402,451	6.00	67,075
2005	1,537,241.20	1,106,814	952,062	585,179	7.00	83,597
2006	1,688,141.17	1,147,936	987,434	700,707	8.00	87,588
2007	1,682,725.45	1,076,944	926,368	756,357	9.00	84,040
2008	929,318.83	557,591	479,630	449,689	10.00	44,969
2009	409,623.67	229,389	197,316	212,308	11.00	19,301
2010	23,977,030.94	12,468,056	10,724,797	13,252,234	12.00	1,104,353
2011	47,504.21	22,802	19,614	27,890	13.00	2,145
2012	1,019,293.33	448,489	385,782	633,511	14.00	45,251
2013	178,294.24	71,318	61,346	116,948	15.00	7,797
2014	141,378.52	50,896	43,780	97,599	16.00	6,100
2015	392,771.21	125,687	108,114	284,657	17.00	16,745
2016	49,289.99	13,801	11,871	37,419	18.00	2,079
2017	6,200,318.89	1,488,077	1,280,017	4,920,302	19.00	258,963
2018	1,770,309.78	354,062	304,558	1,465,752	20.00	73,288
2019	969,106.77	155,057	133,377	835,730	21.00	39,797
2020	2,117,357.44	254,083	218,558	1,898,799	22.00	86,309
2021	3,221,956.07	257,756	221,717	3,000,239	23.00	130,445
2022	6,457,733.73	258,309	222,193	6,235,541	24.00	259,814
2023	999,935.31	9,999	8,601	991,334	24.75	40,054
	58,336,672.50	23,914,344	20,579,915	37,756,758		2,732,954

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.8 4.68

### ACCOUNT 394.70 EV CHARGERS

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA /AGE PERCENT					
2022 2023	132,801.37 5,147.55	8,676 86	7,466 74	125,335 5,074	14.02 14.75	8,940 344
	137,948.92	8,762	7,540	130,409		9,284

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.0 6.73

### ACCOUNT 395.00 LABORATORY EQUIPMENT

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE 20-SO NAGE PERCENT	~				
2003	53,369.93	53,370	53,370			
2005 2010	9,472.27 36,819.03	8,525 23,932	9,472 27,510	9,309	7.00	1,330
2010	30,013.03	237332	27,310	37303	7.00	1,330
	99,661.23	85,827	90,352	9,309		1,330

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 7.0 1.33

### ACCOUNT 396.00 POWER OPERATED EQUIPMENT

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVO	OR CURVE IOWA	23-R1				
NET SAI	LVAGE PERCENT	+10				
1977	12,112.70	10,849	10,901			
1978	24,557.42	21,708	22,102			
1979	27,358.60	23,831	24,623			
1981	14,533.87	12,284	13,080			
1982	76,113.63	63,439	68,502			
1999	411,976.64	242,297	345,132	25,647	7.97	3,218
2018	63,409.09	8,932	12,723	44,345	19.40	2,286
2019	2,193,620.02	248,934	354,587	1,619,671	20.10	80,581
2020	436,192.95	37,381	53,246	339,328	20.81	16,306
2022	3,918,391.78	113,449	161,599	3,364,954	22.26	151,166
	7,178,266.70	783,104	1,066,495	5,393,945		253,557

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 21.3 3.53

### ACCOUNT 397.00 COMMUNICATION EQUIPMENT

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SIIRWT	VOR CURVE 20-S	OIIARE				
	ALVAGE PERCENT	~				
	112 1102 1 21102111					
1999	207,269.71	207,270	207,270			
2000	948.71	949	949			
2001	24,091.56	24,092	24,092			
2002	567,043.08	567,043	567,043			
2003	2,428.01	2,428	2,428			
2004	0.86	1	1			
2005	8,857,524.65	7,971,772	7,357,395	1,500,130	2.00	750,065
2006	2,577,267.22	2,190,677	2,021,844	555,423	3.00	185,141
2007	22,197,725.98	17,758,181	16,389,574	5,808,152	4.00	1,452,038
2008	6,438,254.44	4,828,691	4,456,548	1,981,706	5.00	396,341
2009	2,657,983.45	1,860,588	1,717,194	940,789	6.00	156,798
2010	7,385,720.60	4,800,718	4,430,731	2,954,990	7.00	422,141
2011	5,785,742.94	3,471,446	3,203,905	2,581,838	8.00	322,730
2012	3,853,447.61	2,119,396	1,956,056	1,897,392	9.00	210,821
2013	1,506,118.10	753,059	695,021	811,097	10.00	81,110
2014	7,877,302.32	3,544,786	3,271,593	4,605,709	11.00	418,701
2015	4,533,022.01	1,813,209	1,673,467	2,859,555	12.00	238,296
2016	10,792,194.51	3,777,268	3,486,158	7,306,037	13.00	562,003
2017	7,864,272.73	2,359,282	2,177,454	5,686,819	14.00	406,201
2018	15,586,388.78	3,896,597	3,596,290	11,990,099	15.00	799,340
2019	14,906,989.38	2,981,398	2,751,625	12,155,364	16.00	759,710
2020	18,013,045.09	2,701,957	2,493,720	15,519,325	17.00	912,901
2021	15,231,441.33	1,523,144	1,405,757	13,825,684	18.00	768,094
2022	54,678,735.40	2,733,937	2,523,234	52,155,501	19.00	2,745,026
2023	50,282,288.88	628,529	580,089	49,702,200	19.75	2,516,567
	261,827,247.35	72,516,418	66,989,438	194,837,809		14,104,024

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.8 5.39

### ACCOUNT 398.00 MISCELLANEOUS EQUIPMENT

# CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2023

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE 15-SO ALVAGE PERCENT	-				
2009	166,449.79	155,353	166,450			
2010	115,106.14	99,759	107,932	7,174	2.00	3,587
2011	40,197.34	32,158	34,793	5,404	3.00	1,801
2012	13,799.68	10,120	10,949	2,851	4.00	713
2013	26,209.21	17,473	18,904	7,305	5.00	1,461
2014	30,223.02	18,134	19,620	10,603	6.00	1,767
2015	284,255.54	151,602	164,022	120,234	7.00	17,176
2016	282,525.58	131,846	142,647	139,879	8.00	17,485
2017	28,920.66	11,568	12,516	16,405	9.00	1,823
2018	465,615.99	155,204	167,919	297,697	10.00	29,770
2019	955,437.92	254,787	275,660	679,778	11.00	61,798
2020	95,577.59	19,116	20,682	74,896	12.00	6,241
2021	10,086,648.83	1,344,853	1,455,029	8,631,620	13.00	663,971
2022	45,257.26	3,017	3,264	41,993	14.00	3,000
2023	49,345.32	823	891	48,454	14.75	3,285
2023	17,313.32	023	0,71	10,131	11.75	5,205
	12,685,569.87	2,405,813	2,601,278	10,084,292		813,878

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 12.4 6.42

Attachment 12-B (JJS)

#### **JOHN SPANOS**

### **DEPRECIATION EXPERIENCE**

- Q. Please state your name.
- A. My name is John J. Spanos.
- Q. What is your educational background?
- A. I have Bachelor of Science degrees in Industrial Management and Mathematics from Carnegie-Mellon University and a Master of Business Administration from York College.
- Q. Do you belong to any professional societies?
- A. Yes. I am a member and past President of the Society of Depreciation Professionals and a member of the American Gas Association/Edison Electric Institute Industry Accounting Committee.
- Q. Do you hold any special certification as a depreciation expert?
- A. Yes. The Society of Depreciation Professionals has established national standards for depreciation professionals. The Society administers an examination to become certified in this field. I passed the certification exam in September 1997 and was recertified in August 2003, February 2008, January 2013, February 2018 and February 2023.
- Q. Please outline your experience in the field of depreciation.
- A. In June 1986, I was employed by Gannett Fleming Valuation and Rate Consultants, Inc. as a Depreciation Analyst. During the period from June 1986 through December 1995, I helped prepare numerous depreciation and original cost studies for utility companies in various industries. I helped perform depreciation studies for the following telephone companies:

  United Telephone of Pennsylvania, United Telephone of New Jersey, and Anchorage Telephone Utility. I helped perform depreciation studies for the following companies in

the railroad industry: Union Pacific Railroad, Burlington Northern Railroad, and Wisconsin Central Transportation Corporation.

I helped perform depreciation studies for the following organizations in the electric utility industry: Chugach Electric Association, The Cincinnati Gas and Electric Company (CG&E), The Union Light, Heat and Power Company (ULH&P), Northwest Territories Power Corporation, and the City of Calgary - Electric System.

I helped perform depreciation studies for the following pipeline companies: TransCanada Pipelines Limited, Trans Mountain Pipe Line Company Ltd., Interprovincial Pipe Line Inc., Nova Gas Transmission Limited and Lakehead Pipeline Company.

I helped perform depreciation studies for the following gas utility companies: Columbia Gas of Pennsylvania, Columbia Gas of Maryland, The Peoples Natural Gas Company, T. W. Phillips Gas & Oil Company, CG&E, ULH&P, Lawrenceburg Gas Company and Penn Fuel Gas, Inc.

I helped perform depreciation studies for the following water utility companies: Indiana-American Water Company, Consumers Pennsylvania Water Company and The York Water Company; and depreciation and original cost studies for Philadelphia Suburban Water Company and Pennsylvania-American Water Company.

In each of the above studies, I assembled and analyzed historical and simulated data, performed field reviews, developed preliminary estimates of service life and net salvage, calculated annual depreciation, and prepared reports for submission to state public utility commissions or federal regulatory agencies. I performed these studies under the general direction of William M. Stout, P.E.

In January 1996, I was assigned to the position of Supervisor of Depreciation Studies. In July 1999, I was promoted to the position of Manager, Depreciation and

Valuation Studies. In December 2000, I was promoted to the position as Vice-President of Gannett Fleming Valuation and Rate Consultants, Inc., in April 2012, I was promoted to the position as Senior Vice President of the Valuation and Rate Division of Gannett Fleming Inc. (now doing business as Gannett Fleming Valuation and Rate Consultants, LLC) and in January of 2019, I was promoted to my present position of President of Gannett Fleming Valuation and Rate Consultants, LLC. In my current position I am responsible for conducting all depreciation, valuation and original cost studies, including the preparation of final exhibits and responses to data requests for submission to the appropriate regulatory bodies.

Since January 1996, I have conducted depreciation studies similar to those previously listed including assignments for Pennsylvania-American Water Company; Aqua Pennsylvania; Kentucky-American Water Company; Virginia-American Water Company; Indiana-American Water Company; Iowa-American Water Company; New Jersey-American Water Company; Hampton Water Works Company; Omaha Public Power District; Enbridge Pipe Line Company; Inc.; Columbia Gas of Virginia, Inc.; Virginia Natural Gas Company National Fuel Gas Distribution Corporation - New York and Pennsylvania Divisions; The City of Bethlehem - Bureau of Water; The City of Coatesville Authority; The City of Lancaster - Bureau of Water; Peoples Energy Corporation; The York Water Company; Public Service Company of Colorado; Enbridge Pipelines; Enbridge Gas Distribution, Inc.; Reliant Energy-HLP; Massachusetts-American Water Company; St. Louis County Water Company; Missouri-American Water Company; Chugach Electric Association; Alliant Energy; Oklahoma Gas & Electric Company; Nevada Power Company; Dominion Virginia Power; NUI-Virginia Gas Companies; Pacific Gas & Electric Company; PSI Energy; NUI - Elizabethtown Gas Company; Cinergy Corporation – CG&E; Cinergy

Corporation – ULH&P; Columbia Gas of Kentucky; South Carolina Electric & Gas Company; Idaho Power Company; El Paso Electric Company; Aqua North Carolina; Aqua Ohio; Aqua Texas, Inc.; Aqua Illinois, Inc.; Ameren Missouri; Central Hudson Gas & Electric; Centennial Pipeline Company; CenterPoint Energy-Arkansas; CenterPoint Energy - Oklahoma; CenterPoint Energy - Entex; CenterPoint Energy - Louisiana; NSTAR -Boston Edison Company; Westar Energy, Inc.; United Water Pennsylvania; PPL Electric Utilities; PPL Gas Utilities; Wisconsin Power & Light Company; TransAlaska Pipeline; Avista Corporation; Northwest Natural Gas; Allegheny Energy Supply, Inc.; Public Service Company of North Carolina; South Jersey Gas Company; Duquesne Light Company; MidAmerican Energy Company; Laclede Gas; Duke Energy Company; E.ON U.S. Services Inc.; Elkton Gas Services; Anchorage Water and Wastewater Utility; Kansas City Power and Light; Duke Energy North Carolina; Duke Energy South Carolina; Monongahela Power Company; Potomac Edison Company; Duke Energy Ohio Gas; Duke Energy Kentucky; Duke Energy Indiana; Duke Energy Progress; Northern Indiana Public Service Company; Tennessee- American Water Company; Columbia Gas of Maryland; Maryland-American Water Company; Bonneville Power Administration; NSTAR Electric and Gas Company; EPCOR Distribution, Inc.; B. C. Gas Utility, Ltd; Entergy Arkansas; Entergy Texas; Entergy Mississippi; Entergy Louisiana; Entergy Gulf States Louisiana; the Borough of Hanover; Louisville Gas and Electric Company; Kentucky Utilities Company; Madison Gas and Electric; Central Maine Power; PEPCO; PacifiCorp; Minnesota Energy Resource Group; Jersey Central Power & Light Company; Cheyenne Light, Fuel and Power Company; United Water Arkansas; Central Vermont Public Service Corporation; Green Mountain Power; Portland General Electric Company; Atlantic City Electric; Nicor Gas Company; Black Hills Power; Black Hills Colorado Gas; Black Hills Energy Arkansas, Inc.; Black Hills Kansas

Gas; Black Hills Service Company; Black Hills Utility Holdings; Public Service Company of Oklahoma; City of Dubois; Peoples Gas Light and Coke Company; North Shore Gas Company; Connecticut Light and Power; New York State Electric and Gas Corporation; Rochester Gas and Electric Corporation; Greater Missouri Operations; Tennessee Valley Authority; Omaha Public Power District; Indianapolis Power & Light Company; Vermont Gas Systems, Inc.; Metropolitan Edison; Pennsylvania Electric; West Penn Power; Pennsylvania Power; PHI Service Company - Delmarva Power and Light; Atmos Energy Corporation; Citizens Energy Group; PSE&G Company; Berkshire Gas Company; Alabama Gas Corporation; Mid-Atlantic Interstate Transmission, LLC; SUEZ Water; WEC Energy Group; Rocky Mountain Natural Gas, LLC; Illinois-American Water Company; Northern Illinois Gas Company; Public Service of New Hampshire; FirstEnergy Service Corporation; Northeast Ohio Natural Gas Corporation; Blue Granite Water Company; Spire Missouri, Inc.; Dominion Energy South Carolina, Inc.; South FirstEnergy Operating Companies; Dayton Power and Light Company; Liberty Utilities; East Kentucky Power Cooperative; Bangor Natural Gas; Hanover Borough Municipal Water Works; West Virginia American Water Company; Evergy Metro; Evergy Missouri West; Granite State Electric; Bluegrass Water; The Borough of Ambler; Newtown Artesian Water Company and Connecticut Water Company.

My additional duties include determining final life and salvage estimates, conducting field reviews, presenting recommended depreciation rates to management for its consideration and supporting such rates before regulatory bodies.

- Q. Have you submitted testimony to any state utility commission on the subject of utility plant depreciation?
- A. Yes. I have submitted testimony to the Pennsylvania Public Utility Commission; the

Commonwealth of Kentucky Public Service Commission; the Public Utilities Commission of Ohio; the Nevada Public Utility Commission; the Public Utilities Board of New Jersey; Missouri Public Service Commission; the Massachusetts Department of Telecommunications and Energy; the Alberta Energy & Utility Board; the Idaho Public Utility Commission; the Louisiana Public Service Commission; the State Corporation Commission of Kansas; the Oklahoma Corporate Commission; the Public Service Commission of South Carolina; Railroad Commission of Texas – Gas Services Division; the New York Public Service Commission; Illinois Commerce Commission; the Indiana Utility Regulatory Commission; the California Public Utilities Commission; the Federal Energy Regulatory Commission ("FERC"); the Arkansas Public Service Commission; the Public Utility Commission of Texas; Maryland Public Service Commission; Washington Utilities and Transportation Commission; The Tennessee Regulatory Commission; the Regulatory Commission of Alaska; Minnesota Public Utility Commission; Utah Public Service Commission; District of Columbia Public Service Commission; the Mississippi Public Service Commission; Delaware Public Service Commission; Virginia State Corporation Commission; Colorado Public Utility Commission; Oregon Public Utility Commission; South Dakota Public Utilities Commission; Wisconsin Public Service Commission; Wyoming Public Service Commission; the Public Service Commission of West Virginia; Maine Public Utility Commission; Iowa Utility Board; Connecticut Public Utilities Regulatory Authority; New Mexico Public Regulation Commission; Commonwealth of Massachusetts Department of Public Utilities; Rhode Island Public Utilities Commission and the North Carolina Utilities Commission.

### Q. Have you had any additional education relating to utility plant depreciation?

A. Yes. I have completed the following courses conducted by Depreciation Programs, Inc.:

"Techniques of Life Analysis," "Techniques of Salvage and Depreciation Analysis," "Forecasting Life and Salvage," "Modeling and Life Analysis Using Simulation," and "Managing a Depreciation Study." I have also completed the "Introduction to Public Utility Accounting" program conducted by the American Gas Association.

### Q. Does this conclude your qualification statement?

A. Yes.

34.

2005

KY PSC

2005-00042

Depreciation

### LIST OF CASES IN WHICH JOHN J. SPANOS SUBMITTED TESTIMONY

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
01.	1998	PA PUC	R-00984375	City of Bethlehem – Bureau of Water	Original Cost and Depreciation
02.	1998	PA PUC	R-00984567	City of Lancaster	Original Cost and Depreciation
03.	1999	PA PUC	R-00994605	The York Water Company	Depreciation
04.	2000	D.T.&E.	DTE 00-105	Massachusetts-American Water Company	Depreciation
05.	2001	PA PUC	R-00016114	City of Lancaster	Original Cost and Depreciation
06.	2001	PA PUC	R-00017236	The York Water Company	Depreciation
07.	2001	PA PUC	R-00016339	Pennsylvania-American Water Company	Depreciation
08.	2001	OH PUC	01-1228-GA-AIR	Cinergy Corp – Cincinnati Gas & Elect Company	Depreciation
09.	2001	KY PSC	2001-092	Cinergy Corp – Union Light, Heat & Power Co.	Depreciation
10.	2002	PA PUC	R-00016750	Philadelphia Suburban Water Company	Depreciation
11.	2002	KY PSC	2002-00145	Columbia Gas of Kentucky	Depreciation
12.	2002	NJ BPU	GF02040245	NUI Corporation/Elizabethtown Gas Company	Depreciation
13.	2002	ID PUC	IPC-E-03-7	Idaho Power Company	Depreciation
14.	2003	PA PUC	R-0027975	The York Water Company	Depreciation
15.	2003	IN URC	R-0027975	Cinergy Corp – PSI Energy, Inc.	Depreciation
16.	2003	PA PUC	R-00038304	Pennsylvania-American Water Company	Depreciation
17.	2003	MO PSC	WR-2003-0500	Missouri-American Water Company	Depreciation
18.	2003	FERC	ER03-1274-000	NSTAR-Boston Edison Company	Depreciation
19.	2003	NJ BPU	BPU 03080683	South Jersey Gas Company	Depreciation
20.	2003	NV PUC	03-10001	Nevada Power Company	Depreciation
21.	2003	LA PSC	U-27676	CenterPoint Energy – Arkla	Depreciation
22.	2003	PA PUC	R-00038805	Pennsylvania Suburban Water Company	Depreciation
23.	2004	AB En/Util Bd	1306821	EPCOR Distribution, Inc.	Depreciation
24.	2004	PA PUC	R-00038168	National Fuel Gas Distribution Corp (PA)	Depreciation
25.	2004	PA PUC	R-00049255	PPL Electric Utilities	Depreciation
26.	2004	PA PUC	R-00049165	The York Water Company	Depreciation
27.	2004	OK Corp Cm	PUC 200400187	CenterPoint Energy – Arkla	Depreciation
28.	2004	OH PUC	04-680-El-AIR	Cinergy Corp. – Cincinnati Gas and	Depreciation
				Electric Company	•
29.	2004	RR Com of TX	GUD#	CenterPoint Energy – Entex Gas Services Div.	Depreciation
30.	2004	NY PUC	04-G-1047	National Fuel Gas Distribution Gas (NY)	Depreciation
31.	2004	AR PSC	04-121-U	CenterPoint Energy – Arkla	Depreciation
32.	2005	IL CC	05-ICC-06	North Shore Gas Company	Depreciation
33.	2005	IL CC	05-ICC-06	Peoples Gas Light and Coke Company	Depreciation
					•

Union Light Heat & Power

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
35.	2005	IL CC	05-0308	MidAmerican Energy Company	Depreciation
36.	2005	MO PSC	GF-2005	Laclede Gas Company	Depreciation
37.	2005	KS CC	05-WSEE-981-RTS	Westar Energy	Depreciation
38.	2005	RR Com of TX	GUD#	CenterPoint Energy – Entex Gas Services Div.	Depreciation
39.	2005	US District Court	Cause No. 1:99-CV-1693- LJM/VSS	Cinergy Corporation	Accounting
40.	2005	OK CC	PUD 200500151	Oklahoma Gas and Electric Company	Depreciation
41.	2005	MA Dept Tele- com & Ergy	DTE 05-85	NSTAR	Depreciation
42.	2005	NY PUC	05-E-934/05-G-0935	Central Hudson Gas & Electric Company	Depreciation
43.	2005	AK Reg Com	U-04-102	Chugach Electric Association	Depreciation
44.	2005	CA PUC	A05-12-002	Pacific Gas & Electric	Depreciation
45.	2006	PA PUC	R-00051030	Aqua Pennsylvania, Inc.	Depreciation
46.	2006	PA PUC	R-00051178	T.W. Phillips Gas and Oil Company	Depreciation
47.	2006	NC Util Cm.	G-5, Sub522	Pub. Service Company of North Carolina	Depreciation
48.	2006	PA PUC	R-00051167	City of Lancaster	Depreciation
49.	2006	PA PUC	R00061346	Duquesne Light Company	Depreciation
50.	2006	PA PUC	R-00061322	The York Water Company	Depreciation
51.	2006	PA PUC	R-00051298	PPL GAS Utilities	Depreciation
52.	2006	PUC of TX	32093	CenterPoint Energy – Houston Electric	Depreciation
53.	2006	KY PSC	2006-00172	Duke Energy Kentucky	Depreciation
54.	2006	SC PSC		SCANA	Accounting
55.	2006	AK Reg Com	U-06-6	Municipal Light and Power	Depreciation
56.	2006	DE PSC	06-284	Delmarva Power and Light	Depreciation
57.	2006	IN URC	IURC43081	Indiana American Water Company	Depreciation
58.	2006	AK Reg Com	U-06-134	Chugach Electric Association	Depreciation
59.	2006	MO PSC	WR-2007-0216	Missouri American Water Company	Depreciation
60.	2006	FERC	IS05-82-002, et al	TransAlaska Pipeline	Depreciation
61.	2006	PA PUC	R-00061493	National Fuel Gas Distribution Corp. (PA)	Depreciation
62.	2007	NC Util Com.	E-7 SUB 828	Duke Energy Carolinas, LLC	Depreciation
63.	2007	OH PSC	08-709-EL-AIR	Duke Energy Ohio Gas	Depreciation
64.	2007	PA PUC	R-00072155	PPL Electric Utilities Corporation	Depreciation
65.	2007	KY PSC	2007-00143	Kentucky American Water Company	Depreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
66.	2007	PA PUC	R-00072229	Pennsylvania American Water Company	Depreciation
67.	2007	KY PSC	2007-0008	NiSource – Columbia Gas of Kentucky	Depreciation
68.	2007	NY PSC	07-G-0141	National Fuel Gas Distribution Corp (NY)	Depreciation
69.	2008	AK PSC	U-08-004	Anchorage Water & Wastewater Utility	Depreciation
70.	2008	TN Reg Auth	08-00039	Tennessee-American Water Company	Depreciation
71.	2008	DE PSC	08-96	Artesian Water Company	Depreciation
72.	2008	PA PUC	R-2008-2023067	The York Water Company	Depreciation
73.	2008	KS CC	08-WSEE1-RTS	Westar Energy	Depreciation
74.	2008	IN URC	43526	Northern Indiana Public Service Company	Depreciation
75.	2008	IN URC	43501	Duke Energy Indiana	Depreciation
76.	2008	MD PSC	9159	NiSource – Columbia Gas of Maryland	Depreciation
77.	2008	KY PSC	2008-000251	Kentucky Utilities	Depreciation
78.	2008	KY PSC	2008-000252	Louisville Gas & Electric	Depreciation
79.	2008	PA PUC	2008-20322689	Pennsylvania American Water Co Wastewater	Depreciation
80.	2008	NY PSC	08-E887/08-00888	Central Hudson	Depreciation
81.	2008	WV TC	VE-080416/VG-8080417	Avista Corporation	Depreciation
82.	2008	IL CC	ICC-09-166	Peoples Gas, Light and Coke Company	Depreciation
83.	2009	IL CC	ICC-09-167	North Shore Gas Company	Depreciation
84.	2009	DC PSC	1076	Potomac Electric Power Company	Depreciation
85.	2009	KY PSC	2009-00141	NiSource – Columbia Gas of Kentucky	Depreciation
86.	2009	FERC	ER08-1056-002	Entergy Services	Depreciation
87.	2009	PA PUC	R-2009-2097323	Pennsylvania American Water Company	Depreciation
88.	2009	NC Util Cm	E-7, Sub 090	Duke Energy Carolinas, LLC	Depreciation
89.	2009	KY PSC	2009-00202	Duke Energy Kentucky	Depreciation
90.	2009	VA St. CC	PUE-2009-00059	Aqua Virginia, Inc.	Depreciation
91.	2009	PA PUC	2009-2132019	Aqua Pennsylvania, Inc.	Depreciation
92.	2009	MS PSC	Docket No. 2011-UA-183	Entergy Mississippi	Depreciation
93.	2009	AK PSC	09-08-U	Entergy Arkansas	Depreciation
94.	2009	TX PUC	37744	Entergy Texas	Depreciation
95.	2009	TX PUC	37690	El Paso Electric Company	Depreciation
96.	2009	PA PUC	R-2009-2106908	The Borough of Hanover	Depreciation
97.	2009	KS CC	10-KCPE-415-RTS	Kansas City Power & Light	Depreciation
98.	2009	PA PUC	R-2009-	United Water Pennsylvania	Depreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
99.	2009	OH PUC		Aqua Ohio Water Company	Depreciation
100.	2009	WI PSC	3270-DU-103	Madison Gas & Electric Company	Depreciation
101.	2009	MO PSC	WR-2010	Missouri American Water Company	Depreciation
102.	2009	AK Reg Cm	U-09-097	Chugach Electric Association	Depreciation
103.	2010	IN URC	43969	Northern Indiana Public Service Company	Depreciation
104.	2010	WI PSC	6690-DU-104	Wisconsin Public Service Corp.	Depreciation
105.	2010	PA PUC	R-2010-2161694	PPL Electric Utilities Corp.	Depreciation
106.	2010	KY PSC	2010-00036	Kentucky American Water Company	Depreciation
107.	2010	PA PUC	R-2009-2149262	Columbia Gas of Pennsylvania	Depreciation
108.	2010	MO PSC	GR-2010-0171	Laclede Gas Company	Depreciation
109.	2010	SC PSC	2009-489-E	South Carolina Electric & Gas Company	Depreciation
110.	2010	NJ BD OF PU	ER09080664	Atlantic City Electric	Depreciation
111.	2010	VA St. CC	PUE-2010-00001	Virginia American Water Company	Depreciation
112.	2010	PA PUC	R-2010-2157140	The York Water Company	Depreciation
113.	2010	MO PSC	ER-2010-0356	Greater Missouri Operations Company	Depreciation
114.	2010	MO PSC	ER-2010-0355	Kansas City Power and Light	Depreciation
115.	2010	PA PUC	R-2010-2167797	T.W. Phillips Gas and Oil Company	Depreciation
116.	2010	PSC SC	2009-489-E	SCANA – Electric	Depreciation
117.	2010	PA PUC	R-2010-22010702	Peoples Natural Gas, LLC	Depreciation
118.	2010	AK PSC	10-067-U	Oklahoma Gas and Electric Company	Depreciation
119.	2010	IN URC	Cause No. 43894	Northern Indiana Public Serv. Company - NIFL	Depreciation
120.	2010	IN URC	Cause No. 43894	Northern Indiana Public Serv. Co Kokomo	Depreciation
121.	2010	PA PUC	R-2010-2166212	Pennsylvania American Water Co WW	Depreciation
122.	2010	NC Util Cn.	W-218,SUB310	Aqua North Carolina, Inc.	Depreciation
123.	2011	OH PUC	11-4161-WS-AIR	Ohio American Water Company	Depreciation
124.	2011	MS PSC	EC-123-0082-00	Entergy Mississippi	Depreciation
125.	2011	CO PUC	11AL-387E	Black Hills Colorado	Depreciation
126.	2011	PA PUC	R-2010-2215623	Columbia Gas of Pennsylvania	Depreciation
127.	2011	PA PUC	R-2010-2179103	City of Lancaster – Bureau of Water	Depreciation
128.	2011	IN URC	43114 IGCC 4S	Duke Energy Indiana	Depreciation
129.	2011	FERC	IS11-146-000	Enbridge Pipelines (Southern Lights)	Depreciation
130.	2011	IL CC	11-0217	MidAmerican Energy Corporation	Depreciation
131.	2011	OK CC	201100087	Oklahoma Gas & Electric Company	Depreciation
132.	2011	PA PUC	2011-2232243	Pennsylvania American Water Company	Depreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
133.	2011	FERC	RP11000	Carolina Gas Transmission	Depreciation
134.	2012	WA UTC	UE-120436/UG-120437	Avista Corporation	Depreciation
135.	2012	AK Reg Cm	U-12-009	Chugach Electric Association	Depreciation
136.	2012	MA PUC	DPU 12-25	Columbia Gas of Massachusetts	Depreciation
137.	2012	TX PUC	40094	El Paso Electric Company	Depreciation
138.	2012	ID PUC	IPC-E-12	Idaho Power Company	Depreciation
139.	2012	PA PUC	R-2012-2290597	PPL Electric Utilities	Depreciation
140.	2012	PA PUC	R-2012-2311725	Borough of Hanover – Bureau of Water	Depreciation
141.	2012	KY PSC	2012-00222	Louisville Gas and Electric Company	Depreciation
142.	2012	KY PSC	2012-00221	Kentucky Utilities Company	Depreciation
143.	2012	PA PUC	R-2012-2285985	Peoples Natural Gas Company	Depreciation
144.	2012	DC PSC	Case 1087	Potomac Electric Power Company	Depreciation
145.	2012	OH PSC	12-1682-EL-AIR	Duke Energy Ohio (Electric)	Depreciation
146.	2012	OH PSC	12-1685-GA-AIR	Duke Energy Ohio (Gas)	Depreciation
147.	2012	PA PUC	R-2012-2310366	City of Lancaster – Sewer Fund	Depreciation
148.	2012	PA PUC	R-2012-2321748	Columbia Gas of Pennsylvania	Depreciation
149.	2012	FERC	ER-12-2681-000	ITC Holdings	Depreciation
150.	2012	MO PSC	ER-2012-0174	Kansas City Power and Light	Depreciation
151.	2012	MO PSC	ER-2012-0175	KCPL Greater Missouri Operations Company	Depreciation
152.	2012	MO PSC	GO-2012-0363	Laclede Gas Company	Depreciation
153.	2012	MN PUC	G007,001/D-12-533	Integrys – MN Energy Resource Group	Depreciation
154.	2012	TX PUC	SOAH 582-14-1051/	Aqua Texas	Depreciation
			TECQ 2013-2007-UCR		
155.	2012	PA PUC	2012-2336379	York Water Company	Depreciation
156.	2013	NJ BPU	ER12121071	PHI Service Company– Atlantic City Electric	Depreciation
157.	2013	KY PSC	2013-00167	Columbia Gas of Kentucky	Depreciation
158.	2013	VA St CC	2013-00020	Virginia Electric and Power Company	Depreciation
159.	2013	IA Util Bd	2013-0004	MidAmerican Energy Corporation	Depreciation
160.	2013	PA PUC	2013-2355276	Pennsylvania American Water Company	Depreciation
161.	2013	NY PSC	13-E-0030, 13-G-0031, 13-S-0032	Consolidated Edison of New York	Depreciation
162.	2013	PA PUC	2013-2355886	Peoples TWP LLC	Depreciation
163.	2013	TN Reg Auth	12-0504	Tennessee American Water	Depreciation
164.	2013	ME PUC	2013-168	Central Maine Power Company	Depreciation
165.	2013	DC PSC	Case 1103	PHI Service Company – PEPCO	Depreciation
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	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
166.	2013	WY PSC	2003-ER-13	Cheyenne Light, Fuel and Power Company	Depreciation
167.	2013	FERC	ER13-2428-0000	Kentucky Utilities	Depreciation
168.	2013	FERC	ER130000	MidAmerican Energy Company	Depreciation
169.	2013	FERC	ER13-2410-0000	PPL Utilities	Depreciation
170.	2013	PA PUC	R-2013-2372129	Duquesne Light Company	Depreciation
171.	2013	NJ BPU	ER12111052	Jersey Central Power and Light Company	Depreciation
172.	2013	PA PUC	R-2013-2390244	Bethlehem, City of – Bureau of Water	Depreciation
173.	2013	OK CC	UM 1679	Oklahoma, Public Service Company of	Depreciation
174.	2013	IL CC	13-0500	Nicor Gas Company	Depreciation
175.	2013	WY PSC	20000-427-EA-13	PacifiCorp	Depreciation
176.	2013	UT PSC	13-035-02	PacifiCorp	Depreciation
177.	2013	OR PUC	UM 1647	PacifiCorp	Depreciation
178.	2013	PA PUC	2013-2350509	Dubois, City of	Depreciation
179.	2014	IL CC	14-0224	North Shore Gas Company	Depreciation
180.	2014	FERC	ER140000	Duquesne Light Company	Depreciation
181.	2014	SD PUC	EL14-026	Black Hills Power Company	Depreciation
182.	2014	WY PSC	20002-91-ER-14	Black Hills Power Company	Depreciation
183.	2014	PA PUC	2014-2428304	Borough of Hanover – Municipal Water Works	Depreciation
184.	2014	PA PUC	2014-2406274	Columbia Gas of Pennsylvania	Depreciation
185.	2014	IL CC	14-0225	Peoples Gas Light and Coke Company	Depreciation
186.	2014	MO PSC	ER-2014-0258	Ameren Missouri	Depreciation
187.	2014	KS CC	14-BHCG-502-RTS	Black Hills Service Company	Depreciation
188.	2014	KS CC	14-BHCG-502-RTS	Black Hills Utility Holdings	Depreciation
189.	2014	KS CC	14-BHCG-502-RTS	Black Hills Kansas Gas	Depreciation
190.	2014	PA PUC	2014-2418872	Lancaster, City of – Bureau of Water	Depreciation
191.	2014	WV PSC	14-0701-E-D	First Energy – MonPower/PotomacEdison	Depreciation
192	2014	VA St CC	PUC-2014-00045	Aqua Virginia	Depreciation
193.	2014	VA St CC	PUE-2013	Virginia American Water Company	Depreciation
194.	2014	OK CC	PUD201400229	Oklahoma Gas and Electric Company	Depreciation
195.	2014	OR PUC	UM1679	Portland General Electric	Depreciation
196.	2014	IN URC	Cause No. 44576	Indianapolis Power & Light	Depreciation
197.	2014	MA DPU	DPU. 14-150	NSTAR Gas	Depreciation
198.	2014	CT PURA	14-05-06	Connecticut Light and Power	Depreciation
199.	2014	MO PSC	ER-2014-0370	Kansas City Power & Light	Depreciation

	<u>Year</u>	Jurisdiction	Docket No.	Client Utility	<u>Subject</u>
200.	2014	KY PSC	2014-00371	Kentucky Utilities Company	Depreciation
201.	2014	KY PSC	2014-00372	Louisville Gas and Electric Company	Depreciation
202.	2015	PA PUC	R-2015-2462723	United Water Pennsylvania Inc.	Depreciation
203.	2015	PA PUC	R-2015-2468056	NiSource - Columbia Gas of Pennsylvania	Depreciation
204.	2015	NY PSC	15-E-0283/15-G-0284	New York State Electric and Gas Corporation	Depreciation
205.	2015	NY PSC	15-E-0285/15-G-0286	Rochester Gas and Electric Corporation	Depreciation
206.	2015	MO PSC	WR-2015-0301/SR-2015-0302	Missouri American Water Company	Depreciation
207.	2015	OK CC	PUD 201500208	Oklahoma, Public Service Company of	Depreciation
208.	2015	WV PSC	15-0676-W-42T	West Virginia American Water Company	Depreciation
209.	2015	PA PUC	2015-2469275	PPL Electric Utilities	Depreciation
210.	2015	IN URC	Cause No. 44688	Northern Indiana Public Service Company	Depreciation
211.	2015	OH PSC	14-1929-EL-RDR	First Energy-Ohio Edison/Cleveland Electric/ Toledo Edison	Depreciation
212.	2015	NM PRC	15-00127-UT	El Paso Electric	Depreciation
213.	2015	TX PUC	PUC-44941; SOAH 473-15-5257	El Paso Electric	Depreciation
214.	2015	WI PSC	3270-DU-104	Madison Gas and Electric Company	Depreciation
215.	2015	OK CC	PUD 201500273	Oklahoma Gas and Electric	Depreciation
216.	2015	KY PSC	Doc. No. 2015-00418	Kentucky American Water Company	Depreciation
217.	2015	NC UC	Doc. No. G-5, Sub 565	Public Service Company of North Carolina	Depreciation
218.	2016	WA UTC	Docket UE-17	Puget Sound Energy	Depreciation
219.	2016	NY PSC	Case No. 16-W-0130	SUEZ Water New York, Inc.	Depreciation
220.	2016	MO PSC	ER-2016-0156	KCPL – Greater Missouri	Depreciation
221.	2016	WI PSC		Wisconsin Public Service Corporation	Depreciation
222.	2016	KY PSC	Case No. 2016-00026	Kentucky Utilities Company	Depreciation
223.	2016	KY PSC	Case No. 2016-00027	Louisville Gas and Electric Company	Depreciation
224.	2016	OH PUC	Case No. 16-0907-WW-AIR	Aqua Ohio	Depreciation
225.	2016	MD PSC	Case 9417	NiSource - Columbia Gas of Maryland	Depreciation
226.	2016	KY PSC	2016-00162	Columbia Gas of Kentucky	Depreciation
227.	2016	DE PSC	16-0649	Delmarva Power and Light Company – Electric	Depreciation
228.	2016	DE PSC	16-0650	Delmarva Power and Light Company – Gas	Depreciation
229.	2016	NY PSC	Case 16-G-0257	National Fuel Gas Distribution Corp – NY Div	Depreciation
230.	2016	PA PUC	R-2016-2537349	Metropolitan Edison Company	Depreciation
231.	2016	PA PUC	R-2016-2537352	Pennsylvania Electric Company	Depreciation
232.	2016	PA PUC	R-2016-2537355	Pennsylvania Power Company	Depreciation

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	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
233.	2016	PA PUC	R-2016-2537359	West Penn Power Company	Depreciation
234.	2016	PA PUC	R-2016-2529660	NiSource - Columbia Gas of PA	Depreciation
235.	2016	KY PSC	Case No. 2016-00063	Kentucky Utilities / Louisville Gas & Electric Co	Depreciation
236.	2016	MO PSC	ER-2016-0285	KCPL Missouri	Depreciation
237.	2016	AR PSC	16-052-U	Oklahoma Gas & Electric Co	Depreciation
238.	2016	PSCW	6680-DU-104	Wisconsin Power and Light	Depreciation
239.	2016	ID PUC	IPC-E-16-23	Idaho Power Company	Depreciation
240.	2016	OR PUC	UM1801	Idaho Power Company	Depreciation
241.	2016	ILL CC	16-	MidAmerican Energy Company	Depreciation
242.	2016	KY PSC	Case No. 2016-00370	Kentucky Utilities Company	Depreciation
243.	2016	KY PSC	Case No. 2016-00371	Louisville Gas and Electric Company	Depreciation
244.	2016	IN URC	Cause No. 45029	Indianapolis Power & Light	Depreciation
245.	2016	AL RC	U-16-081	Chugach Electric Association	Depreciation
246.	2017	MA DPU	D.P.U. 17-05	NSTAR Electric Company and	Depreciation
				Western Massachusetts Electric Company	
247.	2017	TX PUC	PUC-26831, SOAH 973-17-2686	El Paso Electric Company	Depreciation
248.	2017	WA UTC	UE-17033 and UG-170034	Puget Sound Energy	Depreciation
249.	2017	OH PUC	Case No. 17-0032-EL-AIR	Duke Energy Ohio	Depreciation
250.	2017	VA SCC	Case No. PUE-2016-00413	Virginia Natural Gas, Inc.	Depreciation
251.	2017	OK CC	Case No. PUD201700151	Public Service Company of Oklahoma	Depreciation
252.	2017	MD PSC	Case No. 9447	Columbia Gas of Maryland	Depreciation
253.	2017	NC UC	Docket No. E-2, Sub 1142	Duke Energy Progress	Depreciation
254.	2017	VA SCC	Case No. PUR-2017-00090	Dominion Virginia Electric and Power Company	Depreciation
255.	2017	FERC	ER17-1162	MidAmerican Energy Company	Depreciation
256.	2017	PA PUC	R-2017-2595853	Pennsylvania American Water Company	Depreciation
257.	2017	OR PUC	UM1809	Portland General Electric	Depreciation
258.	2017	FERC	ER17-217-000	Jersey Central Power & Light	Depreciation
259.	2017	FERC	ER17-211-000	Mid-Atlantic Interstate Transmission, LLC	Depreciation
260.	2017	MN PUC	Docket No. G007/D-17-442	Minnesota Energy Resources Corporation	Depreciation
261.	2017	IL CC	Docket No. 17-0124	Northern Illinois Gas Company	Depreciation
262.	2017	OR PUC	UM1808	Northwest Natural Gas Company	Depreciation
263.	2017	NY PSC	Case No. 17-W-0528	SUEZ Water Owego-Nichols	Depreciation
264.	2017	MO PSC	GR-2017-0215	Laclede Gas Company	Depreciation
265.	2017	MO PSC	GR-2017-0216	Missouri Gas Energy	Depreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
266.	2017	ILL CC	Docket No. 17-0337	Illinois-American Water Company	Depreciation
267.	2017	FERC	Docket No. ER18-22-000	PPL Electric Utilities Corporation	Depreciation
268.	2017	IN URC	Cause No. 44988	Northern Indiana Public Service Company	Depreciation
269.	2017	NJ BPU	BPU Docket No. WR17090985	New Jersey American Water Company, Inc.	Depreciation
270.	2017	RI PUC	Docket No. 4800	SUEZ Water Rhode Island	Depreciation
271.	2017	OK CC	Cause No. PUD 201700496	Oklahoma Gas and Electric Company	Depreciation
272.	2017	NJ BPU	ER18010029 & GR18010030	Public Service Electric and Gas Company	Depreciation
273.	2017	NC Util Com.	Docket No. E-7, SUB 1146	Duke Energy Carolinas, LLC	Depreciation
274.	2017	KY PSC	Case No. 2017-00321	Duke Energy Kentucky, Inc.	Depreciation
275.	2017	MA DPU	D.P.U. 18-40	Berkshire Gas Company	Depreciation
276.	2018	IN IURC	Cause No. 44992	Indiana-American Water Company, Inc.	Depreciation
277.	2018	IN IURC	Cause No. 45029	Indianapolis Power and Light	Depreciation
278.	2018	NC Util Com.	Docket No. W-218, Sub 497	Aqua North Carolina, Inc.	Depreciation
279.	2018	PA PUC	Docket No. R-2018-2647577	NiSource - Columbia Gas of Pennsylvania, Inc.	Depreciation
280.	2018	OR PUC	Docket UM 1933	Avista Corporation	Depreciation
281.	2018	WA UTC	Docket No. UE-108167	Avista Corporation	Depreciation
282.	2018	ID PUC	AVU-E-18-03, AVU-G-18-02	Avista Corporation	Depreciation
283.	2018	IN URC	Cause No. 45039	Citizens Energy Group	Depreciation
284.	2018	FERC	Docket No. ER18-	Duke Energy Progress	Depreciation
285.	2018	PA PUC	Docket No. R-2018-3000124	Duquesne Light Company	Depreciation
286.	2018	MD PSC	Case No. 948	NiSource - Columbia Gas of Maryland	Depreciation
287.	2018	MA DPU	D.P.U. 18-45	NiSource - Columbia Gas of Massachusetts	Depreciation
288.	2018	OH PUC	Case No. 18-0299-GA-ALT	Vectren Energy Delivery of Ohio	Depreciation
289.	2018	PA PUC	Docket No. R-2018-3000834	SUEZ Water Pennsylvania Inc.	Depreciation
290.	2018	MD PSC	Case No. 9847	Maryland-American Water Company	Depreciation
291.	2018	PA PUC	Docket No. R-2018-3000019	The York Water Company	Depreciation
292.	2018	FERC	ER-18-2231-000	Duke Energy Carolinas, LLC	Depreciation
293.	2018	KY PSC	Case No. 2018-00261	Duke Energy Kentucky, Inc.	Depreciation
294.	2018	NJ BPU	BPU Docket No. WR18050593	SUEZ Water New Jersey	Depreciation
295.	2018	WA UTC	Docket No. UE-180778	PacifiCorp	Depreciation
296.	2018	UT PSC	Docket No. 18-035-36	PacifiCorp	Depreciation
297.	2018	OR PUC	Docket No. UM-1968	PacifiCorp	Depreciation
298.	2018	ID PUC	Case No. PAC-E-18-08	PacifiCorp	Depreciation
299.	2018	WY PSC	20000-539-EA-18	PacifiCorp	Depreciation
300.	2018	PA PUC	Docket No. R-2018-3003068	Aqua Pennsylvania, Inc.	Depreciation

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	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
301.	2018	IL CC	Docket No. 18-1467	Aqua Illinois, Inc.	Depreciation
302.	2018	KY PSC	Case No. 2018-00294	Louisville Gas & Electric Company	Depreciation
303.	2018	KY PSC	Case No. 2018-00295	Kentucky Utilities Company	Depreciation
304.	2018	IN URC	Cause No. 45159	Northern Indiana Public Service Company	Depreciation
305.	2018	VA SCC	Case No. PUR-2019-00175	Virginia American Water Company	Depreciation
306.	2019	PA PUC	Docket No. R-2018-3006818	Peoples Natural Gas Company, LLC	Depreciation
307.	2019	OK CC	Cause No. PUD201800140	Oklahoma Gas and Electric Company	Depreciation
308.	2019	MD PSC	Case No. 9490	FirstEnergy – Potomac Edison	Depreciation
309.	2019	SC PSC	Docket No. 2018-318-E	Duke Energy Progress	Depreciation
310.	2019	SC PSC	Docket No. 2018-319-E	Duke Energy Carolinas	Depreciation
311.	2019	DE PSC	DE 19-057	Public Service of New Hampshire	Depreciation
312.	2019	NY PSC	Case No. 19-W-0168 & 19-W-0269	SUEZ Water New York	Depreciation
313.	2019	PA PUC	Docket No. R-2019-3006904	Newtown Artesian Water Company	Depreciation
314.	2019	MO PSC	ER-2019-0335	Ameren Missouri	Depreciation
315.	2019	MO PSC	EC-2019-0200	KCP&L Greater Missouri Operations Company	Depreciation
316.	2019	MN DOC	G011/D-19-377	Minnesota Energy Resource Corp.	Depreciation
317.	2019	NY PSC	Case 19-E-0378 & 19-G-0379	New York State Electric and Gas Corporation	Depreciation
318.	2019	NY PSC	Case 19-E-0380 & 19-G-0381	Rochester Gas and Electric Corporation	Depreciation
319.	2019	WA UTC	Docket UE-190529 / UG-190530	Puget Sound Energy	Depreciation
320.	2019	PA PUC	Docket No. R-2019-3010955	City of Lancaster	Depreciation
321.	2019	IURC	Cause No. 45253	Duke Energy Indiana	Depreciation
322.	2019	KY PSC	Case No. 2019-00271	Duke Energy Kentucky, Inc.	Depreciation
323.	2019	OH PUC	Case No. 18-1720-GA-AIR	Northeast Ohio Natural Gas Corp	Depreciation
324.	2019	NC Util.	Docket No. E-2, Sub 1219	Duke Energy Carolinas	Depreciation
325.	2019	FERC	Docket No. ER20-277-000	Jersey Central Power & Light Company	Depreciation
326.	2019	MA DPU	D.P.U. 19-120	NSTAR Gas Company	Depreciation
327.	2019	SC PSC	Docket No. 2019-290-WS	Blue Granite Water Company	Depreciation
328.	2019	NC Util.	Docket No. E-2, Sub 1219	Duke Energy Progress	Depreciation
329.	2019	MD PSC	Case No. 9609	NiSource Columbia Gas of Maryland, Inc.	Depreciation
330.	2019	HI PUC	Docket No. 2019-0117	Young Brothers, LLC	Depreciation
331.	2020	NJ BPU	Docket No. ER20020146	Jersey Central Power & Light Company	Depreciation
332.	2020	PA PUC	Docket No. R-2020-3018835	NiSource - Columbia Gas of Pennsylvania, Inc.	Depreciation
333.	2020	PA PUC	Docket No. R-2020-3019369	Pennsylvania-American Water Company	Depreciation
334.	2020	PA PUC	Docket No. R-2020-3019371	Pennsylvania-American Water Company	Depreciation
335.	2020	MO PSC	GO-2018-0309, GO-2018-0310	Spire Missouri, Inc.	Depreciation
336.	2020	NM PRC	Case No. 20-00104-UT	El Paso Electric Company	Depreciation
337.	2020	MD PSC	Case No. 9644	Columbia Gas of Maryland, Inc.	Depreciation
338.	2020	MO PSC	GO-2018-0309, GO-2018-0310	Spire Missouri, Inc.	Depreciation

	<u>Year</u>	Jurisdiction	Docket No.	Client Utility	<u>Subject</u>
339.	2020	VA St CC	Case No. PUR-2020-00095	Virginia Natural Gas Company	Depreciation
340.	2020	SC PSC	Docket No. 2020-125-E	Dominion Energy South Carolina, Inc.	Depreciation
341.	2020	WV PSC	Case No. 20-0745-G-D	Hope Gas, Inc. d/b/a Dominion Energy West	Depreciation
342.	2020	VA St CC	Case No. PUR-2020-00106	Aqua Virginia, Inc.	Depreciation
343.	2020	PA PUC	Docket No. R-2020-3020256	City of Bethlehem – Bureau of Water	Depreciation
344.	2020	NE PSC	Docket No. NG-109	Black Hills Nebraska	Depreciation
345.	2020	NY PSC	Case No. 20-E-0428 & 20-G-0429	Central Hudson Gas & Electric Corporation	Depreciation
346.	2020	FERC	ER20-598	Duke Energy Indiana	Depreciation
347.	2020	FERC	ER20-855	Northern Indiana Public Service Company	Depreciation
348.3	2020	OR PSC	UE 374	PacifiCorp	Depreciation
349.	2020	MD PSC	Case No. 9490 Phase II	Potomac Edison – Maryland	Depreciation
350.	2020	IN URC	Case No. 45447	Southern Indiana Gas and Electric Company	Depreciation
351.	2020	IN URC	IURC Cause No. 45468	Indiana Gas Company, Inc. d/b/a Vectren Energy	Depreciation
352.	2020	KY PSC	Case No. 2020-00349	Kentucky Utilities Company	Depreciation
353.	2020	KY PSC	Case No. 2020-00350	Louisville Gas and Electric Company	Depreciation
354.	2020	FERC	Docket No. ER21- 000	South FirstEnergy Operating Companies	Depreciation
355.	2020	OH PUC	Case Nos 20-1651-EL-AIR, 20-1652-EL-	Dayton Power and Light Company	Depreciation
			AAM & 20-1653-EL-ATA		
356.	2020	OR PSC	UG 388	Northwest Natural Gas Company	Depreciation
357.	2020	MO PSC	Case No. GR-2021-0241	Ameren Missouri Gas	Depreciation
358.	2021	KY PSC	Case No. 2021-00103	East Kentucky Power Cooperative	Depreciation
359.	2021	MPUC	Docket No. 2021-00024	Bangor Natural Gas	Depreciation
360.	2021	PA PUC	Docket No. R-2021-3024296	Columbia Gas of Pennsylvania, Inc.	Depreciation
361.	2021	NC Util.	Doc. No. G-5, Sub 632	Public Service of North Carolina	Depreciation
362.	2021	MO PSC	ER-2021-0240	Ameren Missouri	Depreciation
363.	2021	PA PUC	Docket No. R-2021-3024750	Duquesne Light Company	Depreciation
364.	2021	KS PSC	21-BHCG-418-RTS	Black Hills Kansas Gas	Depreciation
365.	2021	KY PSC	Case No. 2021-00190	Duke Energy Kentucky	Depreciation
366.	2021	OR PSC	Docket UM 2152	Portland General Electric	Depreciation
367.	2021	ILL CC	Docket No. 20-0810	North Shore Gas Company	Depreciation
368.	2021	FERC	ER21-1939-000	Duke Energy Progress	Depreciation
369.	2021	FERC	ER21-1940-000	Duke Energy Carolina	Depreciation
370.	2021	KY PSC	Case No. 2021-00183	NiSource Columbia Gas of Kentucky	Depreciation
371.	2021	MD PSC	Case No. 9664	NiSource Columbia Gas of Maryland	Depreciation
372.	2021	OH PUC	Case No. 21-0596-ST-AIR	Aqua Ohio	Depreciation
373.	2021	PA PUC	Docket No. R-2021-3026116	Hanover Borough Municipal Water Works	Depreciation
374.	2021	OR PSC	UM-2180	Idaho Power Company	Depreciation
375.	2021	ID PUC	Case No. IPC-E-21-18	Idaho Power Company	Depreciation

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	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
376.	2021	WPSC	6690-DU-104	Wisconsin Public Service Company	Depreciation
377.	2021	PAPUC	Docket No. R-2021-3026116	Borough of Hanover	Depreciation
378.	2021	OH PUC	Case No. 21-637-GA-AIR;	NiSource Columbia Gas of Ohio	Depreciation
			Case No. 21-638-GA-ALT;		
			Case No. 21-639-GA-UNC;		
			Case No. 21-640-GA-AAM		
379.	2021	TX PUC	Texas PUC Docket No. 52195; SOHA	El Paso Electric	Depreciation
			Docket No. 473-21-2606		•
380.	2021	MO PSC	Case No. GR.2021-0108	Spire Missouri	Depreciation
381.	2021	WV PSC	Case No. 21-0215-WS-P	West Virginia American Water Company	Depreciation
382.	2021	FERC	ER21-2736	Duke Energy Carolinas	Depreciation
383.	2021	FERC	ER21-2737	Duke Energy Progress	Depreciation
384.	2021	IN URC	Cause #45621	Northern Indiana Public Service Company	Depreciation
385.	2021	PA PUC	Docket No. R-2021-3026682	City of Lancaster	Depreciation
386.	2021	OH PUC	Case No. 21-887-EL-AIR;	Duke Energy Ohio	Depreciation
			Case No. 21-888-EL-ATA;		
			Case No. 889-El-AAM		
387.	2021	AK PSC	Docket No. 21-097-U	Black Hills Energy Arkansas, Inc.	Depreciation
388.	2021	OK CC	Cause No. PUD202100164	Oklahoma Gas & Electric	Depreciation
389.	2021	FERC	Case ER-22-392-001	El Paso Electric	Depreciation
390.	2021	FERC	Case ER-21-XXX	MidAmerican Electric	Depreciation
391.	2021	PA PUC	Docket Nos. R-2021-3027385,	Aqua Pennsylvania, Inc.	Depreciation
			R-2021-3027386	Aqua Pennsylvania Wastewater, Inc.	
392.	2022	FERC	Case ER-22-282-000	El Paso Electric	Depreciation
393.	2022	ILL CC	Docket No. 22-0154	MidAmerican Gas	Depreciation
394.	2022	MO PSC	Case No. ER-2022-0129	Evergy Metro	Depreciation
395.	2022	MO PSC	Case No. ER-2022-0130	Evergy Missouri West	Depreciation
396.	2022	PA PUC	Docket No. R-2022-3031211	NiSource Columbia Gas of Pennsylvania, Inc.	Depreciation
397.	2022	MA DPU	D.P.U. 22-20	The Berkshire Gas Company	Depreciation
398.	2022	PA PUC	R-2022-3031672; R-2022-3031673	Pennsylvania-American Water Company	Depreciation
399.	2022	SD PUC	Docket No. NG22-	MidAmerican Gas	Depreciation
400.	2022	MD PSC	Case No. 9680	NiSource Columbia Gas of Maryland	Depreciation
401. 402	2022	WYPSC	Docket No. 20003-214-ER-22	Black Hills Energy – Cheyenne Light, Fuel and	Depreciation
402.	2022	MA DPU NC Util Com	D.P.U. 22.22	NSTAR Electric Company d/b/a Eversource Energ	Depreciation
403. 404.	2022 2022	OR PUC	Docket No. W-218, Sub 573 UM2213	Aqua North Carolina, Inc. Northwest Natural Gas	Depreciation Depreciation
404.	2022	ONFUC	UIVIZZ13	NOI LIIWESL NALUI AI GAS	Depreciation

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	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
405.	2022	OR PUC	UM2214	Northwest Natural Gas	Depreciation
406.	2022	ME PUC	Docket No. 2022-00152	Central Maine Power	Depreciation
407.	2022	SC PSC	Docket No. 2022-254-E	Duke Energy Progress	Depreciation
408.	2022		Docket No. E-2, SUB 1300	Duke Energy Progress	Depreciation
409.	2022	IN URC	Cause #45772	Northern Indiana Public Service Company	Depreciation
410.	2022	PA PUC	R-2022-3031340	The York Water Company	Depreciation
411.	2022	PA PUC	R-2022-3032806	The York Water Company	Depreciation
412.	2022	PA PUC	R-2022-3031704	Borough of Ambler	Depreciation
413.	2022	MO PSC	ER-2022-0337	Ameren Missouri	Depreciation
414.	2022	OH PUC	Case No. 22-507-GA-AIR	Duke Energy Ohio	Depreciation
415.	2022	PA PUC	R-2022-3035730	National Fuel Gas Distribution Corporation – PA	Depreciation
416.	2022	WY PSC	20003-214-ER-22	Cheyenne Light, Fuel and Power Company	Depreciation
417.	2022	NJ BPU	BPU Docket No. ER2303144	Jersey Central Power & Light Company	Depreciation
418.	2022	KY PSC	Case No. 2022-00372	Duke Energy Kentucky	Depreciation
419.	2022	TX PUC	SOAH Docket No. 473-23-04521	Aqua Texas, Inc.	Depreciation
420.	2022	NC Util Com	Docket No. E-7, Sub 1276	Duke Energy Carolinas, LLC	Depreciation
421.	2022	KY PSC	Case No. 2022-00432	Bluegrass Water	Depreciation
422.	2023	ILL CC	Docket No. 23-0069	The Peoples Gas Light and Coke Company	Depreciation
423.	2023	ILL CC	Docket No. 23-0068	North Shore Gas Company	Depreciation
424.	2023	WV PSC	Case No. 23-0030-E-D	Monongahela Power Company and The Potomac	Depreciation
425.	2023	ID PUC	AVU-E-23-01; AVU-G-23-01	Avista Corporation	Depreciation
426.	2023	ILL CC	Docket No. 23-0066	Northern Illinois Gas Company d/b/a Nicor Gas	Depreciation
427.	2023	SC PSC	Docket No. 2023-70-G	Dominion Energy South Carolina, Inc.	Depreciation
428.	2023	FERC	Docket No. ER23-xxx-00	Duke Energy Ohio, Inc.	Depreciation
429.	2023	WY PSC	Docket No. 30036-78-GR-23	Black Hills Wyoming Gas Company d/b/a Black H	Depreciation
430.	2023	PSC MD	Case No. 9695	The Potomac Edison Company	Depreciation
431.	2023	OR PUC	Case No. UM2277	Avista Corporation	Depreciation
432.	2023	FERC	Docket No. ER23-xxx-000	PPL Electric Utilities	Depreciation
433.	2023	OH PUC	Case No. 23-0154-GA-AIR	Northeast Ohio Natural Gas Corporation	Depreciation
434.	2023	DE PSC	PSC Docket No. 23-0601	Artesian Water Company	Depreciation
435.	2023	CO PUC	No. 23AL-0231G	Black Hills Colorado d/b/a Black Hills Energy	Depreciation
436.	2023	NH PUC	Docket No. DE 23-039	Granite State Electric d/b/a Liberty Utilities	Depreciation
437.	2023	MD PSC	Case No. 9701	Columbia Gas of Maryland	Depreciation
438.	2023	NY PSC	Case Nos. 23-E-0418; 23-G-0419	Central Maine Royar Company	Depreciation
439. 440.	2023 2023	FERC SD PUC	Docket Number El 22 016	Central Maine Power Company	Depreciation
440. 441.	2023	CT PURA	Docket Number EL23-016 Docket No. 23-08-32	Northwestern Energy Connecticut Water Company	Depreciation
441.	2023	CIFUNA	DUCKEL INU. 23-00-32	Connecticut water company	Depreciation

	<u>Year</u>	Jurisdiction	Docket No.	Client Utility	<u>Subject</u>
442. 443. 444. 445.	2023 2023 2023 2023	OH PUC IN URC IN URC PA PUC	Case 23-0894-GA-AIR Cause No. 45911 Cause No. 45967 Docket No. R-2023-3043189 and Docket No. R-2023-3043190	The East Ohio Gas Company d/b/a Dominion Indianapolis Power & Light Northern Indiana Public Service Company Pennsylvania-American Water Company	Depreciation Depreciation Depreciation Depreciation
446.	2023	IN URC	Cause No. 45988	Citizens Energy Group	Depreciation
447.	2023	NY PSC	Case No. 23-G-0627	National Fuel Gas Distribution Corporation	Depreciation
448.	2023	IN URC	Cause No. 45990	Southern Indiana Gas and Electric Company d/b/ Centerpoint Energy Indiana South	Depreciation
449.	2023	PA PUC	Docket No. R-2023-3044549	Peoples Natural Gas Company LLC	Depreciation
450.	2023	OR PUC	Docket No. UM-2312	Northwest Natural Gas Company	Depreciation
451.	2023	AZ PCC	Docket No. WS-21182A-23-2092	Northwest Natural Water Company, LLC	Depreciation
452.	2023	SC PSC	Docket No. 2023-388-E	Duke Energy Carolinas	Depreciation
453.	2023	ILL CC	Docket No. 23-	North Shore Gas Company	Depreciation
454.	2023	ILL CC	Docket No. 23-	The Peoples Gas Light and Coke Company	Depreciation
455.	2024	FERC	Docket No. ER24-768-000	Duke Energy Progress	Depreciation
456.	2024	FERC	Docket No. SPP-0007	Evergy Metro, Inc. and Evergy Missouri West, Inc	Depreciation
457.	2024	NJ BPU	Docket No. WR24010057	Aqua New Jersey, Inc.	Depreciation
458.	2024	ILL CC	Docket No. 24-0044	Agua Illinois, Inc.	Depreciation
459.	2024	PA PUC	Docket No. R-2024-3046519	NiSource – Columbia Gas of Pennsylvania, Inc.	Depreciation
460.	2024	PA PUC	Docket No. R-2024-3046523	Duquesne Light Company	Depreciation