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VERIFIED DIRECT TESTIMONY

OF

ANN E. BULKLEY

ON BEHALF OF

INDIANAPOLIS POWER & LIGHT COMPANY

SPONSORING IPL WITNESS AEB ATTACHMENTS 1 THROUGH 6

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I. INTRODUCTION

Q1. Please state your name, job title, affiliation, and business address.

A1. My name is Ann E. Bulkley, Vice President of Concentric Energy Advisors, Inc. ("Concentric"). My business address is 293 Boston Post Road West, Suite 500, Marlborough, Massachusetts, 01752.

Q2. On whose behalf are you submitting this direct testimony?

A2. I am submitting this testimony on behalf of Indianapolis Power & Light Company ("IPL" or the "Company"). Concentric was engaged by IPL to perform a study of the value of its electric generation, transmission, distribution, and general plant (collectively referred to as the "electric utility assets").

Q3. Please describe the nature of the services provided by Concentric.

A3. Concentric provides consulting services to utilities, energy producers, major energy consumers, project developers, and governmental authorities throughout North America. The firm specializes in transaction-related financial advisory services, valuation studies, economic feasibility studies, energy market and regulatory strategies, market assessments, energy commodity contracting and procurement, regulatory and litigation support, and capital market analyses and negotiations.

Q4. Please describe your professional experience and educational background.

A4. I am an economic and financial consultant with more than 20 years of experience advising clients in the energy industry with emphasis on valuation. I am a certified

general appraiser and a specialist in asset valuation. My experience includes valuations of public utility and industrial properties for ratemaking, purchase and sale considerations, eminent domain / condemnation, ad valorem tax assessments, insurance, accounting and financial purposes. I have provided expert testimony before several state utility commissions and other administrative agencies throughout the United States. More information on my professional experience and educational background is attached hereto as IPL Witness AEB Attachment 1.

II. PURPOSE AND OVERVIEW

Q5. What is the purpose of your testimony?

A5. The purpose of my testimony is to estimate the current value of IPL's electric utility assets and to describe the valuation study upon which my analysis and conclusions are based.

Q6. Have you previously testified before this Commission on the value of electric utility assets?

A6. Yes. I have.

Q7. How did you carry out your appraisal work?

A7. The appraisal procedure consisted of four steps: (1) the development of current costs of the properties by trending the original costs; (2) a determination of physical and functional depreciation involving field inspection, analysis of IPL's records and statistics, and various other calculations; (3) the application of depreciation factors to the current costs to result in the current value; and (4) the final assembly of the appraisal and supporting data, including preparation for this proceeding.

Q8. What are some of the records about the Company's electric utility assets that you reviewed in order to develop an opinion as to the current value?

A8. I reviewed the Company's continuing property records, FERC Form 1, capital budgets, programmed maintenance guidelines and schedules, and proposed useful lives among other relevant data.

Q9. Have you physically inspected the assets?

A9. Yes. As I discuss in greater detail in Section IV of my Direct Testimony, I inspected the Company's facilities from the perspective of preparing an estimated valuation of the facilities based on the general operating characteristics of the facilities.

Q10. Please describe IPL's transmission assets.

A10. IPL provides power to approximately 480,000 customers in the city of Indianapolis and portions of the surrounding counties. As further described by IPL Witnesses James Sadtler and Michael Holtsclaw, the IPL transmission system includes approximately 458 circuit miles of 345kV and 377 circuit miles of 138kV transmission lines. IPL has generation that is connected to the 345kV system at Petersburg ("Pete") Generating Station and generation that is connected to the 138kV system at Harding Street ("HS") Station, and the Georgetown Generating Station. In the Indianapolis area at the 345 kV level IPL has interconnections with Duke Energy Indiana ("Duke") and American Electric Power ("AEP"); at the 138 kV level IPL is interconnected with Duke. At Petersburg, IPL has 345kV connections to AEP and Duke and 138 kV interconnections with Duke, Vectren, and Hoosier Energy.

Q11. Please describe IPL's distribution assets.

A11. As further discussed by IPL Witness Sadtler, as of June 30, 2016, IPL's distribution system consisted of 472 distribution circuits, 71 distribution substations, more than 6,123 circuit miles of overhead line (primary and secondary voltage), and approximately 4,912 circuit miles of underground cable (primary and secondary voltage).

Q12. Please describe IPL's general plant assets.

A12. IPL's general plant accounts include those assets that are not defined by the Federal Energy Regulatory Commission ("FERC") Uniform System of Accounts as appropriate to include in other plant accounts. More specifically, these accounts contain the following categories of assets not elsewhere classified:

- Land and land rights;
- Structures and improvements;
- Transportation equipment including automobiles, trucks, and appurtenant equipment;
- Stores, shop, and laboratory equipment;
- Power operated equipment that is self-propelled or mounted on moveable equipment; and
- Communication equipment.

Q13. What is the basis of your appraisal?

A13. Except for production plant, my appraisal develops the value of IPL's electric utility assets in service as of June 30, 2016, using a cost-based valuation methodology, the Reproduction Cost New Less Depreciation ("RCNLD") approach. This analysis is provided in IPL Witness AEB Attachments 2 through 6 which have been prepared by me or under my direction. The Eagle Valley combined cycle gas turbine ("CCGT") is

included in the valuation at the construction cost. For production plant that is currently in service, I base my appraisal on the analysis prepared by IPL Witness Reed.

Q14. Is there support in Indiana for the use of the cost approach in determining the current value of the assets?

A14. Yes. Indiana Code § 8-1-2-6 discusses the valuation of public utility property. In the referenced section, the code states that the Indiana Utility Regulatory Commission ("IURC" or "Commission") can take into account the replacement cost of utility property in determining the current value of the assets:

> (a) The Commission shall value all property of every public utility actually used and useful for the convenience of the public at its fair value, giving such consideration as it deem appropriate in each case to all bases of valuation which may be presented or which the commission is authorized to consider by the following provisions of this section. As one of the elements in such valuation the commission shall give weight to the reasonable cost to bring the property to its then state of efficiency. . . .
>
> (b) . . . All public utility valuations shall be based upon tangible property, that is, such property as has value by reason of construction costs, either in materials purchased or in assembling of materials into structures by the labor or (of) workers and the services of superintendents, including engineers, legal and court costs, accounting systems and transportation costs, and also including insurance and interest charges on capital accounts during the construction period. As an element in determining value the commission may also take into account *reproduction costs at current prices, less depreciation,* based on the items set forth in the last sentence hereof and shall not include good will, going value or natural resources.[1]

In Westfield Gas Corporation, Cause No. 43624, the Commission noted that the Indiana Court of Appeals' decision in Indianapolis Water Co., 484 N.E.2d 635, 640 (1985),

[1] Indiana Code § 8-1-2-6 (a)-(b) (emphasis added).

instructed that "reproduction cost new less depreciation cannot be disregarded in fixing a valuation for rate making purposes."[2]

Q15. What adjustments have you made to the RCNLD to arrive at the Current Value of the IPL electric system assets?

A15. I included the pro forma plant additions adjustments that are proposed by the Company for production, transmission, and distribution plant. In addition, the current value includes other rate base items, specifically materials and supplies and fuel costs.

Q16. What conclusion have you reached regarding the current value of IPL's electric utility assets?

A16. The current value of IPL's electric utility plant in service is summarized in Table 1 below.

[2] Westfield Gas Corporation, Cause No. 43624 (IURC 3/10/10), p. 16.

Table 1: Summary of Current Value

Account Description	Current Value June 30, 2016[3]	Pro forma Adjustments[4]	Current Value with Pro forma Adjustments
Intangible Plant (organization costs)	$46,415		$46,615
Systems Software	$82,289,764		$82,289,764
Production Plant[5]	$927,139,222	$608,771,370	$1,535,910,592
Transmission Plant	$671,053,166	$49,179,080	$720,232,246
Distribution Plant	$2,070,117,482	$731,396	$2,070,848,879
General Plant	$232,138,325		$232,138,325
Total Electric Plant In Service (RCNLD)	**$3,982,784,375**	**$658,681,846**	**$4,641,466,221**
Other Rate Base Items			
Materials & Supplies	$72,227,000		$72,227,000
Fuel Inventory	$33,764,000		$33,764,000
Regulatory Assets	$85,316,000		$85,316,000
Total Other Related Rate Base Items	**$191,307,000**		**$191,307,000**
Total Current Value	**$4,174,091,375**	**$658,681,846**	**$4,832,773,221**

Q17. How is the remainder of your testimony organized?

A17. The remainder of my testimony is organized in the following sections. Section III provides an overview of cost-based valuation approaches. The next two sections explain the development of each phase of the RCNLD analysis. Section IV explains the development of the Reproduction Cost New ("RCN") of the assets. Section V describes the methodology used to establish the physical and functional depreciation of the assets. Section VI discusses the value of systems software and intangible plant (organization costs) and other related rate base items. Section VII discusses the valuation of production

[3] As shown on IPL Witness AEB Attachment 3, the Current Value of the Electric Plant in Service takes into consideration the depreciation of the assets.

[4] Pro forma adjustments are discussed in greater detail in Section VIII of my testimony.

[5] The source of the valuation of production plant is the direct testimony of Petitioner's Witness Reed.

plant, as prepared by Petitioner's Witness Reed. Section VIII summarizes my conclusions regarding the Current Value of the assets.

III. OVERVIEW OF THE COST APPROACH

Q18. What approach did you use to value IPL's transmission, distribution, and general assets?

A18. I determined the value of IPL's transmission, distribution, and general assets using the Current Cost Approach. The Current Cost Approach values assets at the cost of replacing them today, giving consideration to physical depreciation, functional depreciation and current construction costs and technology.

Q19. How did you apply the Current Cost Approach in valuing IPL's electric utility assets?

A19. I estimated the Reproduction Cost of IPL's transmission, distribution, and general assets. The first step was to determine the cost to reproduce the assets today in substantially the same form (RCN). Next, I determined the RCNLD by taking into consideration all forms of depreciation, as appropriate.

Q20. How do you define the Replacement and Reproduction cost methodologies?

A20. The Replacement Cost methodology estimates the Current Value of the assets based on how the assets would be constructed as of the valuation date, using technology and equipment available at that time. The Reproduction Cost methodology estimates the cost to build the assets as they currently exist, including the technology and equipment that are currently in service.

Q21. Is there a difference between the reproduction cost and replacement cost of the T&D assets?

A21. The IPL transmission and distribution system is a mature system that would be replaced in a substantially similar manner using similar materials and technology as what is currently in service. Under these circumstances, the replacement cost and reproduction cost of the system are the same.

IV. DEVELOPMENT OF THE REPRODUCTION COST NEW

Q22. Please explain how the Reproduction Cost Method is applied.

A22. The Reproduction Cost Method takes the original cost, by vintage, of each electric utility plant account and then applies an adjustment factor (or multiplier) to each vintage of each account to determine the cost to reproduce those assets in today's dollars. This value is commonly referred to as the RCN of the assets. The adjustment factor or multiplier is utilized to estimate for the cost of the electric utility assets if a third party were to reproduce the electric utility system as it is currently constructed.

Q23. To determine the Reproduction Cost New you need original cost information for each plant account by vintage year. Does IPL have such plant account information in sufficient detail?

A23. Yes. IPL maintains its electric plant property records according to the FERC Uniform System of Accounts, by vintage year. These records are the source of the original cost information used in my valuation and were sufficient to conduct my Reproduction Cost Study of IPL's electric utility assets.

Q24. Please explain the development of the current cost amounts.

A24. The current cost amounts have been developed using the trended original cost method. This method consists of the development of adjustment factors from appropriate cost indices for application to the original cost by years of installation to obtain the current cost of IPL's electric transmission, distribution, and general plant in service as of June 30, 2016.

Q25. What data did you rely on in your analysis?

A25. I have relied on IPL's original cost balances by FERC account and vintage year of installation as of June 30, 2016.

Q26. How are the adjustment factors that are applied to the original costs, by vintage year, in each account determined?

A26. For the majority of IPL's electric utility asset accounts, I utilized the Handy-Whitman Index of Public Utility Construction Costs ("Handy-Whitman Index") to determine the present day reproduction costs for each vintage of assets. The Handy-Whitman Index is a generally accepted industry standard cost index used for conducting reproduction cost studies. The Handy-Whitman Index is considered an accurate and reliable resource for valuation experts, has a long history of providing dependable data, and has been published continuously since 1924 by Whitman, Requardt and Associates, an engineering firm.

Q27. For what purposes is the Handy-Whitman Index commonly used?

A27. The Handy-Whitman Index has been used to reflect price inflation by escalating construction costs from the investment year to current dollars. The Handy-Whitman

Index has been used and is generally accepted for rate setting purposes, as well as for many other purposes. For example, it has been used to value utility property for sale purposes, to perform stock valuations, and to make ad valorem tax calculations. In addition, the Handy-Whitman Index has been used for insurance purposes and for engineering estimates of new construction project costs.

Q28. How long have you used the Handy-Whitman Index to value utility property?

A28. I have utilized the Handy-Whitman Index throughout my career as part of my valuation assignments. Based on my experience, the Handy-Whitman Index is a reliable tool to use in valuing utility property, including IPL's electric utility system.

Q29. How does the Handy-Whitman Index account for changes in construction costs over time?

A29. The Handy-Whitman Index has tracked utility labor, materials and equipment costs over time and has developed indices that reflect the percentage change in the cost of goods in most utility plant accounts for every year from 1912 through the present. Specifically, the Handy-Whitman Index provides a cost index for every year for different types of utility assets as compared to a base year of 1973.

Q30. Please provide an example explaining how you used the Handy-Whitman Index to calculate the Reproduction Cost New of the assets in Account No. 352 Structures and Improvements.

A30. Using the Handy-Whitman Index, the adjustment factor is calculated by dividing the index for the most recent period by the index for the vintage of the property in question. As shown in IPL Witness AEB Attachment 5, pages 1-2, IPL installed Account No. 352

transmission property in years spanning from 1963 through 2016. The vintage and original cost of this property is shown in columns (b) and (c), respectively. These figures are taken directly from IPL's property records. The adjustment factor for each vintage of each account is shown in column (g). Using Account No. 352 as an example, the adjustment factors are calculated as follows: The Handy-Whitman Index provides a 1963 cost index for Account No. 352 property of 61 shown in column (e), and a January 1, 2016 cost index for the same property of 524 shown in column (f). The adjustment factor (shown in column g) for Account No. 352 property installed in 1963 of 8.59 is calculated by dividing the January 1, 2016 cost index in column (f) by the 1963 cost index in column (e) (524 divided by 61). The Reproduction Cost New value for each vintage of Account No. 352 is found in column (h) and is calculated by multiplying the original cost by the adjustment factor.

Q31. Do the adjustment factors from the Handy-Whitman Index apply to the area in which IPL's electric utility assets are located?

A31. Yes. The Handy-Whitman Index provides separate adjustment factors for various parts of the United States in order to reflect the differences in regional cost changes. In my analysis, I utilized the figures from the Handy-Whitman Index for the North Central region of the United States, which includes Indiana.

Q32. What is the date of the Handy-Whitman Index used in your study?

A32. The data I used from the Handy-Whitman Index is as of January 1, 2016. The January 1, 2016 published numbers were the most recent data available at the time that my analysis was prepared. Therefore, I adopted this index as being reflective of the price levels at June 30, 2016.

Q33. In your opinion is the Handy-Whitman Index reasonably applicable to IPL's electric utility properties in service as of June 30, 2016?

A33. Yes, for the reasons I explained above, the indices are applicable.

Q34. Did you utilize the Handy-Whitman Index for all of IPL's accounts?

A34. No. The Handy-Whitman Index does not have cost index information covering all of IPL's general asset accounts. In those instances, I utilized the percent changes stated in the Bureau of Labor Statistics' Producer Price Index ("PPI") as a proxy for the cost changes in those assets over time. Similar to the Handy-Whitman Index, the Bureau of Labor Statistics tracks price changes for various asset categories, including those assets for which there is no information available from the Handy-Whitman Index. Because the Bureau of Labor Statistics does not calculate PPI back far enough to cover all vintages of IPL's assets, I used the PPI for the vintages for which there was data, and utilized the percent changes in Gross Domestic Product ("GDP") as a proxy for those vintages for which there was no PPI available from the Bureau of Labor Statistics.

Q35. Did the use of the PPI and GDP to calculate the percent changes in the cost of certain vintages of general plant assets, have a significant impact on the overall results?

A35. No. First, there were few accounts that the Handy-Whitman Index did not cover. Second, the amount of dollars in the accounts for which I utilized PPI and/or GDP were small compared to the amount of dollars in the accounts covered by the Handy-Whitman Index. Therefore, these assumptions had a relatively small impact on the overall results of my study.

Q36. How did you address the value of IPL's transmission and distribution land and easements?

A36. Transmission and distribution land and easements are included in the study at original cost. I did not trend the value of these assets. As such, the RCNLD that I estimate could be viewed as conservative.

Q37. What are the results of the RCN analysis?

A37. As shown in Table 2 below, the RCN of IPL's transmission, distribution, and general assets, which is the cost to reproduce the system assets in current dollars, is approximately $4.81 billion.

Table 2: Reproduction Cost New

Account Description	Original Cost	Reproduction Cost New
Transmission Plant	$327,880,315	$1,029,887,570
Distribution Plant	$1,411,966,451	$3,410,159,637
General Plant	$236,210,390	$373,774,516
Total	$1,976,057,156	$4,813,821,722

V. DEPRECIATION OF THE TRANSMISSION AND DISTRIBUTION SYSTEM

Q38. Please explain how you considered the effect of depreciation on the assets.

A38. In order to develop my estimate of depreciation, I considered the physical condition of the assets, which I determined based on the condition of the assets as well as a review of the Company's records and statistics and the average service life of the assets based on the Company's most recent depreciation studies.

Q39. Did you conduct an inspection of the assets?

A39. Yes, I did.

Q40. What was the extent of your field inspection that led to the determination of depreciation?

A40. The field inspection involved a physical inspection of all of the Company's production plant assets, a sampling of transmission lines, substations and transmission and distribution lines throughout the system as well as a service center. This enabled me to determine the current condition of the assets. During each of the inspection tours, I conducted interviews with Company personnel regarding operating and maintenance procedures as well as plans for ongoing and future system improvements.

Q41. Please indicate when you inspected IPL's electric facilities and describe your observations regarding the condition and usefulness of the facilities.

A41. Physical inspections were conducted during the week of July 11, 2016. It is my general conclusion that the physical transmission and distribution system and properties in service are well designed, and that the properties are being maintained and operated on a coordinated and efficient basis. It is my conclusion that for the foreseeable future, the properties can continue to operate effectively for the purposes for which they have been designed and constructed.

Q42. Please explain your determination of depreciation for Transmission, Distribution, and General Plant.

A42. The adjustment to reflect the age and condition of the transmission, distribution, and general plant assets was essentially conducted in three steps. The first step was to

determine the average service life for each asset account. I based the average service life for each asset account on the depreciation study being sponsored by IPL Witness John J. Spanos in this proceeding (the "Depreciation Study").

The second step was to calculate the estimated remaining useful life of the assets in each account. After obtaining the average service life for each account, I then calculated an average weighted age of the assets in each account based on the present dollars of those assets by vintage as calculated in the Reproduction Cost Study described above.

For the third step, I determined the condition percent of the assets in each account. This determination is based on the "Condition-Percent Tables for Depreciation of Unit and Group Properties" by Robley Winfrey, published by Iowa State University. Robley Winfrey was one of the foremost authorities in the depreciation field and one of the originators of the Iowa survivor curves used in almost all depreciation rate studies. His Condition-Percent Tables are well-accepted by valuation experts for purposes of determining the physical and functional depreciation experienced by an asset. The condition percent of the assets in each account is calculated by dividing the present value of the benefits of those same assets based on their remaining useful life by the present value of the benefits of the assets in each account based on their full average service life.

Q43. Should the depreciation of the assets be based on IPL's book depreciation rates?

A43. No. Book depreciation rates are used for accounting purposes. The estimation of the appropriate depreciation of the IPL transmission, distribution, and general plant assets for valuation purposes is not an accounting consideration. The depreciation of the assets for valuation purposes is not based in ratemaking principles or the IURC's approval of the

rate of depreciation to include in customer rates. The Current Value of the assets is estimated by calculating the cost to reproduce the assets as those assets currently exist, then depreciating those assets to reflect the remaining useful life of the assets as of the valuation date.

Q44. Is there support for the position that accounting depreciation should not be relied on for valuation purposes?

A44. Yes. The American Society of Appraisers ("ASA") addresses this issue specifically in Valuing Machinery and Equipment: The Fundamentals of Appraising Machinery and Technical Assets:

> Depreciation is another term that appraisers use differently from nonappraisers such as accountants and the general public. The valuation concept of depreciation differs from the accounting concept of depreciation. Depreciation for valuation purposes is the estimated loss in value of an asset, compared with a new asset; appraisal depreciation measures value inferiority caused by a combination of physical deterioration, functional obsolescence and economic (or external) obsolescence.[6]

The ASA further addresses accounting depreciation:

> [A]ccounting depreciation process is one of cost allocation only, with certain exceptions addressed in Chapter 9, *Valuing for Financial Reporting*. It is not a method of valuation. Because a company's fixed assets are not held for resale, there is no attempt to reflect any change in the market value of the assets. As depreciation is calculated from period to period, it is added to an accumulated depreciation account. Depreciation for accounting purposes may be thought of as a mathematical procedure for recovering the original cost of an asset in consistent installments over a specified period.[7]

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[6] American Society of Appraisers, Valuing Machinery and Equipment: The Fundamentals of Appraising Machinery and Technical Assets, at 13.

[7] *Id.*

Finally, the ASA provides a concise summary of the differences between accounting and valuation depreciation:

> [T]he primary difference between the valuation and accounting concepts of depreciation is that the appraisal depreciation measures value inferiority, whereas accounting depreciation is a mathematical convention for recovering an asset's cost. [8]

Q45. Have you considered whether further adjustment is necessary to the cost that would be incurred today in constructing IPL's Transmission Plant?

A45. Yes, I have considered such a deduction. With respect to IPL's Transmission Plant, the facilities are, in general, constructed with materials that are the current standard in the industry. There are, however, a number of additional costs, which would be incurred if the facilities were constructed under current conditions. Many existing transmission routes would not be feasible under current regulations, and as a practical matter, it may not be possible for some of the existing transmission lines to be constructed today. Many of these lines are built in areas that are today classified as wetlands, environmentally sensitive, or are densely populated. Even routes that are acceptable under current regulations would likely face local community opposition if the attempt was made to establish them today. In general, transmission line rights-of-way purchased very economically in the past would be orders of magnitude more costly today.

Transmission facilities that are constructed under current conditions face costs that were not necessary when many of the existing lines were installed. In addition to the increased costs of planning, environmental impact studies, permitting, and right-of-way acquisition

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[8] American Society of Appraisers, Valuing Machinery and Equipment: The Fundamentals of Appraising Machinery and Technical Assets, at 14.

already outlined above, there are costs incurred because of the need to minimize the environmental impact of construction. This was not a major consideration or cost in the past. In particular, wetlands and other protected areas require special engineering and construction techniques that lead to delays and increased cost. For example, construction sites must take steps to guard against sediment runoff, erosion, and chemical spills. All of these items add to the cost of constructing a transmission line today compared to the cost of constructing a transmission line when many of IPL's lines were actually built. I have concluded in my appraisal, therefore, that the RCNLD of IPL's Transmission Plant is conservative and requires no further reduction due to current construction conditions or piecemeal construction.

Q46. In your analysis, have you considered whether any further adjustment is necessary to reflect the cost that would be incurred today in constructing IPL's Distribution Plant?

A46. Yes, I have. However, many of the same problems that affect the construction of transmission lines also afflict the construction of distribution plant, but to a lesser degree. In addition, the design and construction of distribution plant today has its own areas of increased cost related to rights-of-way and underground construction costs the Company did not face when the existing system was originally constructed. Therefore, I concluded that no further reduction in the RCNLD is necessary for IPL's Distribution Plant due to current construction conditions or piecemeal construction.

Q47. Please explain your determination of depreciation allowances for the various items of General Plant.

A47. The approach taken to determine the depreciation of the General Plant accounts is consistent with the approach used to determine the depreciation of the Transmission and Distribution property.

Q48. How does the depreciation compare to the RCN by asset category?

A48. The RCN and RCNLD are provided in Table 3 below and in IPL Witness AEB Attachment 4. The total physical and functional depreciation for each asset category is the difference between the RCN of that asset category and the RCNLD of that asset category. As shown in Table 3 below, for example, the physical and functional depreciation of Transmission Plant is $358,834,404 or approximately 35 percent. The total physical and functional depreciation for IPL's transmission, distribution, and general assets is approximately $1.8 billion or approximately 38 percent.

Table 3: Physical and Functional Depreciation

Description	Reproduction Cost New	% Depreciation	Depreciation	RCNLD
Transmission Plant	$1,029,887,570	34.84%	$358,834,404	$671,053,166
Distribution Plant	$3,410,159,637	39.30%	$1,340,042,154	$2,070,117,482
General Plant	$373,774,516	37.89%	$141,636,191	$232,138,325
Total	$4,813,821,722	38.23%	$1,840,512,748	$2,973,308,974

Q49. What are the results of your appraisal of the Company's transmission, distribution, and general plant in Service as of June 30, 2016?

A49. The results of my cost study are shown in IPL Witness AEB Attachment 3. The Reproduction Cost New of IPL's Transmission, Distribution, and General Plant in Service at June 30, 2016 is approximately $4.80 billion. The RCNLD is approximately $2.97 billion.

VI. OTHER ELECTRIC UTILITY ASSETS

Q50. Are there other assets that should be considered in the Current Value of IPL's electric utility assets?

A50. Yes. In addition to the transmission, distribution, and general plant, IPL also has systems software and intangible plant (organization costs), production plant, and other rate base items related to the electric plant in service assets.

Q51. Please describe the Systems Software and Intangible Plant (organization costs).

A51. As discussed previously, the Company's plant accounting records are maintained according to the FERC Uniform System of Accounts. Based on that system of accounting, billing systems, customer information systems and other software are recorded in Miscellaneous Intangible Plant Account 303 and organization costs are included in Account 301. These FERC accounts do not include goodwill or going-value.

Q52. How did you value the Systems Software and Intangible Plant?

A52. I used the original cost as the estimate of the Current Value of these assets. As shown on Table 1, the original cost of IPL's intangible plant (organization costs) is $46,415 and the original cost of systems software is $82,289,764.

VII. PRODUCTION PLANT

Q53. Your testimony estimates the Current Value of IPL's transmission, distribution, and general assets. Have you considered the value of IPL's production plant assets?

A53. Yes, I have reviewed the valuation of the production plant assets prepared by IPL Witness John J. Reed. Mr. Reed's analysis estimates the value of IPL's production plant assets in service as of June 30, 2016. As discussed in Mr. Reed's testimony, his analysis relies on the income approach, specifically a discounted cash flow of the production plant assets, assuming a third party, unregulated purchaser.

Q54. How do the results of IPL Witness Reed's analysis relate to the Current Value of IPL's assets?

A54. IPL Witness Reed has estimated the value of the production plant assets using the discounted cash flow methodology. This is a reasonable basis for estimating the value of production plant. As shown in IPL Witness JJR Attachment 2, the value of the production plant assets in service as of June 30, 2016 was approximately $927.1 million. The analysis presented in my testimony estimates the Current Value of the transmission, distribution, and general assets using the cost approach, specifically the Replacement Cost New Less Depreciation. In addition, the Current Value developed in my testimony includes the value of pro forma plant additions since June 30, 2016 and other rate base items; materials and supplies and fuel. Together, the results of IPL Witness Reed's analysis and my analysis form an estimate of the Current Value of IPL's regulated utility assets; production, transmission, distribution, and general assets.

VIII. PRO FORMA PLANT ADDITIONS

Q55. Please explain the nature of the proforma plant additions.

A55. As discussed in the testimonies of IPL witnesses Scott and Forestal, the pro forma plant additions include production plant, transmission plant and distribution plant assets. As shown on IPL Witness AEB Attachment 2, the production plant addition of $608.8 million is the construction cost of IPL's new 671 MW Eagle Valley CCGT generator.[9] In addition to the production plant, IPL made investments of approximately $49.2 million in system upgrades that are included in the pro forma plant additions. These transmission-related pro forma additions are transmission investments that were required to connect the Eagle Valley CCGT to the IPL system. See IPL Financial Exhibit IPL-RB, Schedule RB4. The distribution pro forma investments of $731,396 relate to the Deep Rock Tunnel substation. As shown on IPL Witness AEB Attachment 2, the total of the pro forma plant additions is approximately $658.7 million.

Q56. How were these assets included in the Current Value?

A56. The pro forma additions were included in the analysis at the original cost of the assets.

Q57. Is it appropriate to rely on the original cost as the current value of the pro forma additions?

A57. Yes. The current value of the transmission and distribution assets was estimated based on the cost approach; the reproduction cost new less depreciation. That valuation methodology trends the original investment to current dollars and depreciates to reflect the age and condition of the assets. Since the pro forma additions are new assets, the

[9] As of June 30, 2016, this generator was still under construction, however as of approximately April 30, 2017, this new generator will be operational.

original cost and the Current Value would be the same value for the transmission and distribution assets.

Q58. Why did you rely on the cost approach for the Eagle Valley CCGT?

A58. At the time that my analysis was prepared, the Eagle Valley CCGT was still under construction. Therefore, it is difficult to predict the full cost structure of the facility and its performance in the market. These unique characteristics of this plant make the cost approach a reasonable methodology to use to value the generator.

Q59. Did you conduct any analysis to determine if the construction cost of the Eagle Valley CCGT was reasonable?

A59. Yes. I reviewed the construction costs for the new construction of similar technology generators and similar sized assets[10] since 2010, as summarized in the FERC Form 1 filings of the utility operators. In addition, I considered the estimated cost of new planned construction that is currently in an advanced stage of development or under construction. In order to compare the costs of construction of each of these projects to the current cost to construct the Eagle Valley CCGT, I escalated the construction costs of these projects to current dollars using the Handy-Whitman Index. As shown on IPL Witness AEB Attachment 6, the mean construction cost for combined cycle natural gas generating assets that have been constructed since 2010 is $989/kW in current dollars. The estimated construction cost for the Eagle Valley CCGT (production plant) is

[10] The analysis considered the construction cost of generating assets with an operating capacity of at least 500MW.

approximately $608.8 million or $907/kW which is below the mean construction cost for the sample group.[11]

In addition, I reviewed the projected costs for new gas-fired combined cycle generators. IPL Witness AEB Attachment 6, page 2 summarizes the projected costs to construct new gas-fired combined cycle generators that are either in advanced stages of development or are currently under construction. As shown on that attachment, the mean construction cost for new construction projects is $1,081/MW. The results of that analysis indicate a range of value of $750 to $1,484/MW. The data for planned projects or projects under development is not available at the level of detail necessary to determine whether or not the projections include AFUDC or transmission upgrades. Therefore, in order to be conservative, I compared the construction cost of the Eagle Valley CCGT and transmission upgrades, $660.64 million or $985/kW to the range established by the comparison group. The construction cost of the Eagle Valley CCGT, including transmission upgrades and AFUDC is below the mean of the projected costs for projects under development. Based on the results of these two analyses, I concluded that the construction cost was a conservative estimate of the Current Value of the Eagle Valley CCGT.

[11] In this analysis, Concentric compared the production plant reported for each new generating asset in the FERC Form 1 filings in the year that the plant went into service, adjusted to current dollars, with the production plant for the Eagle Valley CCGT. FERC Form 1 data would include AFUDC in the production plant accounts.

Q60. What are the other rate base items that are included in your estimate of the Current Value of IPL's electric utility assets?

A60. I have included those other rate base items that relate to the production, transmission, and distribution of electricity. Specifically, fuel inventory and materials and supplies.

Q61. How did you value the other rate base items?

A61. I used the pro forma cost of fuel, materials and supplies, and regulatory assets as provided in IPL Financial Exhibit IPL-RB Schedule RB1. As shown in the referenced schedule, the pro forma original cost of materials and supplies is $72,227,000 and the pro forma original cost of the fuel inventory is $33,764,000. The pro forma original cost of the regulatory assets is $85,316,000. As shown on IPL Witness AEB Attachment 2, Other Rate Base Adjustments total $191,307,000.

IX. CONCLUSIONS

Q62. Please summarize the Current Value of the IPL Electric Utility System.

A62. The Current Value of the IPL Electric Utility Plant in Service is summarized on IPL Witness AEB Attachment 2. As shown in that attachment, the Current Value of IPL's electric plant in service including pro forma Adjustments is approximately $4.64 billion. The book value of the other rate base items is approximately $191.3 million. The Current Value of these electric utility assets $4.83 billion.

Q63. Does this conclude your Verified Direct Testimony?

A63. Yes, it does.

VERIFICATION

I, Ann E. Bulkley, Vice President of Concentric Energy Advisors, Inc., affirm under penalties of perjury that the foregoing representations are true and correct to the best of my knowledge, information and belief.

Ann E. Bulkley

Ann E. Bulkley

Dated: December 22, 2016

RÉSUMÉ OF ANN E. BULKLEY

Ann E. Bulkley
Vice President

Ms. Bulkley has more than two decades of management and economic consulting experience in the energy industry. Ms. Bulkley has extensive state and federal regulatory experience on both electric and natural gas issues including rate of return, cost of equity and capital structure issues. Ms. Bulkley has advised clients seeking to acquire utility assets, providing valuation services including an understanding of regulation, market expected returns, and the assessment of utility risk factors. Ms. Bulkley has assisted clients with valuations of public utility and industrial properties for ratemaking, purchase and sale considerations, ad valorem tax assessments, and accounting and financial purposes. In addition, Ms. Bulkley has experience in the areas of contract and business unit valuation, strategic alliances, market restructuring and regulatory and litigation support.

REPRESENTATIVE PROJECT EXPERIENCE

Regulatory Analysis and Ratemaking

Ms. Bulkley has provided a range of advisory services relating to regulatory policy analysis and many aspects of utility ratemaking. Specific services have included: cost of capital and return on equity testimony, cost of service and rate design analysis and testimony, development of ratemaking strategies; development of merchant function exit strategies; analysis and program development to address residual energy supply and/or provider of last resort obligations; stranded costs assessment and recovery; performance-based ratemaking analysis and design; and many aspects of traditional utility ratemaking (e.g., rate design, rate base valuation).

Cost of Capital

Ms. Bulkley has provided expert testimony on the cost of capital testimony before several state regulatory commissions. In addition, Ms. Bulkley has prepared and provided supporting analysis for at least forty Federal and State regulatory proceedings over the past seven years. Ms. Bulkley's expert testimony experience includes:

- Northern States Power Company: Before the North Dakota Public Service Commission, provided expert testimony on the cost of capital for the company's North Dakota electric utility operations.
- WE Energies: Before the Michigan Public Service Commission, provided expert testimony in support of the company's cost of capital for its electric utility operations.
- Atmos Energy: Provided expert testimony in support of the company's return on equity and capital structure before the Public Utilities Commission for the State of Colorado.
- UNS Electric: Provided expert testimony in support of the company's return on equity and capital structure before the Arizona Corporation Commission.
- Portland Natural Gas Transmission: Provided testimony strategy as well as analytical support for cost of capital testimony before the Federal Energy Regulatory Commission.

- In addition to the specific cases listed above, Ms. Bulkley has provided testimony strategy as well as analytical support on cost of capital in several cases in the following states: Arizona, Colorado, Connecticut, Massachusetts, Minnesota, New Mexico, New York, North Carolina, South Carolina, South Dakota, Virginia, and Utah.

Valuation

Ms. Bulkley has provided valuation services to utility clients, unregulated generators and private equity clients for a variety of purposes including ratemaking, fair value, ad valorem tax, litigation and damages, and acquisition. Ms. Bulkley's appraisal practices are consistent with the national standards established by the Uniform Standards of Professional Appraisal practice. In addition, Ms. Bulkley has relied on other simulation based valuation methodologies.

Representative projects/clients have included:

- Northern Indiana Fuel and Light: Provided expert testimony regarding the fair value of the company's natural gas distribution system assets. Valuation relied on cost approach.
- Kokomo Gas: Provided expert testimony regarding the fair value of the company's natural gas distribution system assets. Valuation relied on cost approach.
- Prepared fair value rate base analyses for Northern Indiana Public Service Company for several electric rate proceedings. Valuation approaches used in this project included income, cost and comparable sales approaches.
- Confidential Utility Client: Prepared valuation of fossil and nuclear generation assets for financing purposes for regulated utility client.
- Prepared a valuation of a portfolio of generation assets for a large energy utility to be used for strategic planning purposes. Valuation approach included an income approach, a real options analysis and a risk analysis.
- Assisted clients in the restructuring of NUG contracts through the valuation of the underlying assets. Performed analysis to determine the option value of a plant in a competitively priced electricity market following the settlement of the NUG contract.
- Prepared market valuations of several purchase power contracts for large electric utilities in the sale of purchase power contracts. Assignment included an assessment of the regional power market, analysis of the underlying purchase power contracts, a traditional discounted cash flow valuation approach, as well as a risk analysis. Analyzed bids from potential acquirers using income and risk analysis approached. Prepared an assessment of the credit issues and value at risk for the selling utility.
- Prepared appraisal of a portfolio of generating facilities for a large electric utility to be used for financing purposes.
- Prepared an appraisal of a fleet of fossil generating assets for a large electric utility to establish the value of assets transferred from utility property.
- Conducted due diligence on an electric transmission and distribution system as part of a buy-side due diligence team.

- Provided analytical support for and prepared appraisal reports of generation assets to be used in ad valorem tax disputes.
- Provided analytical support and prepared testimony regarding the valuation of electric distribution system assets in five communities in a condemnation proceeding.
- Valued purchase power agreements in the transfer of assets to a deregulated electric market.

Ratemaking

Ms. Bulkley has assisted several clients with analysis to support investor-owned and municipal utility clients in the preparation of rate cases. Sample engagements include:

- Assisted several investor-owned and municipal clients on cost allocation and rate design issues including the development of expert testimony supporting recommended rate alternatives.
- Worked with Canadian regulatory staff to establish filing requirements for a rate review of a newly regulated electric utility. Analyzed and evaluated rate application. Attended hearings and conducted investigation of rate application for regulatory staff. Prepared, supported and defended recommendations for revenue requirements and rates for the company. Developed rates for gas utility for transportation program and ancillary services.

Strategic and Financial Advisory Services

Ms. Bulkley has assisted several clients across North America with analytically based strategic planning, due diligence and financial advisory services.

Representative projects include:

- Preparation of feasibility studies for bond issuances for municipal and district steam clients.
- Assisted in the development of a generation strategy for an electric utility. Analyzed various NERC regions to identify potential market entry points. Evaluated potential competitors and alliance partners. Assisted in the development of gas and electric price forecasts. Developed a framework for the implementation of a risk management program.
- Assisted clients in identifying potential joint venture opportunities and alliance partners. Contacted interviewed, and evaluated potential alliance candidates based on company-established criteria for several LDCs and marketing companies. Worked with several LDCs and unregulated marketing companies to establish alliances to enter into the retail energy market. Prepared testimony in support of several merger cases and participated in the regulatory process to obtain approval for these mergers.
- Assisted clients in several buy-side due diligence efforts, providing regulatory insight and developing valuation recommendations for acquisitions of both electric and gas properties.

RÉSUMÉ OF ANN E. BULKLEY

PROFESSIONAL HISTORY

Concentric Energy Advisors, Inc. (2002 – Present)
Vice President
Assistant Vice President
Project Manager

Navigant Consulting, Inc. (1995 – 2002)
Project Manager

Cahners Publishing Company (1995)
Economist

EDUCATION

M.A., Economics, Boston University, 1995
B.A., Economics and Finance, Simmons College, 1991
Certified General Appraiser licensed in the Commonwealth of Massachusetts

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EXPERT TESTIMONY OF ANN E. BULKLEY

SPONSOR	DATE	CASE/APPLICANT	DOCKET /CASE NO.	SUBJECT
Arizona Corporation Commission				
Tucson Electric Power Company	11/15	Tucson Electric Power Company	Docket No. E-01933A-15-0322	Return on Equity
UNS Electric	12/12	UNS Electric	Docket No. E-04204A-12-0504	Return on Equity
UNS Electric	05/15	UNS Electric	Docket No. E-04204A-15-0142	Return on Equity
Arkansas Public Service Commission				
Arkansas Oklahoma Gas Corporation	10/13	Arkansas Oklahoma Gas Corporation	Docket No. 13-078-U	Return on Equity
Colorado Public Utilities Commission				
Atmos Energy Corporation	05/13	Atmos Energy Corporation	Docket No. 13AL-0496G	Return on Equity
Atmos Energy Corporation	04/14	Atmos Energy Corporation	Docket No. 14AL-0300G	Return on Equity
Atmos Energy Corporation	05/15	Atmos Energy Corporation	Docket No. 15AL-0299G	Return on Equity
Connecticut Public Utilities Regulatory Authority				
The United Illuminating Company	07/16	The United Illuminating Company	Docket No. 16-06-04	Return on Equity
Federal Energy Regulatory Commission				
Tallgrass Interstate Gas Transmission	10/15	Tallgrass Interstate Gas Transmission	RP16-137	Return on Equity
Indiana Utility Regulatory Commission				
Indianapolis Power and Light Company	09/15	Indianapolis Power and Light Company	Cause No. 44576 Cause No. 44602	Fair Value
Kokomo Gas and Fuel Company	09/10	Kokomo Gas and Fuel Company	Cause No. 43942	Fair Value
Northern Indiana Fuel and Light Company, Inc.	09/10	Northern Indiana Fuel and Light Company, Inc.	Cause No. 43943	Fair Value
Northern Indiana Public Service Company	10/15	Northern Indiana Public Service Company	Cause No.	Fair Value
Kansas Corporation Commission				
Atmos Energy Corporation	08/15	Atmos Energy Corporation	Docket No. 16-ATMG-079-RTS	Return on Equity
Massachusetts Department of Public Utilities				
Unitil Corporation	01/04	Fitchburg Gas and Electric	DTE 03-52	Integrated Resource Plan; Gas Demand Forecast

EXPERT TESTIMONY OF ANN E. BULKLEY

SPONSOR	DATE	CASE/APPLICANT	DOCKET /CASE NO.	SUBJECT
Michigan Public Service Commission				
Wisconsin Electric Power Company	12/11	Wisconsin Electric Power Company	Case No. U-16830	Return on Equity
Michigan Tax Tribunal				
Covert Township	07/14	New Covert Generating Co., LLC.	Docket No. 399578	Valuation of Electric Generation Assets
New Mexico Public Regulation Commission				
Southwestern Public Service Company	06/15	Southwestern Public Service	Case No. -15-001398-UT	Return on Equity
Southwestern Public Service Company	10/15	Southwestern Public Service	Case No. -15-00296-UT	Return on Equity
New York State Department of Public Service				
Corning Natural Gas Corporation	06/16	Corning Natural Gas Corporation	Case No. 16-G-0369	Return on Equity
KeySpan Energy Delivery	01/16	KeySpan Energy Delivery	Case No. 15-G-0059	Return on Equity
National Fuel Gas Company	04/16	National Fuel Gas Company	Case No. 16-G-0257	Return on Equity
New York State Electric and Gas Company	05/15	New York State Electric and Gas Company	Case No. 15-G-0284	Return on Equity
North Dakota Public Service Commission				
Northern States Power Company	12/10	Northern States Power Company	C-PU-10-657	Return on Equity
Northern States Power Company	12/12	Northern States Power Company	C-PU-12-813	Return on Equity
Oklahoma Corporation Commission				
Arkansas Oklahoma Gas Corporation	01/13	Arkansas Oklahoma Gas Corporation	Cause No. PUD 201200236	Return on Equity
Public Utility Commission of Texas				
Southwestern Public Service Company	01/14	Southwestern Public Service Company	Docket No. 42004	Return on Equity
South Dakota Public Utilities Commission				
Northern States Power Company	06/14	Northern States Power Company	Docket No. EL14-058	Return on Equity

Summary
Replacement Cost New Less Depreciation

Account Description	Original Cost		Current Value June 30, 2016	Pro Forma Adjustments		Current Value Including Pro Forma Adjustments
Intangible Plant	$ 46,415		$ 46,415			$ 46,415
Software	$ 82,289,764		$ 82,289,764			$ 82,289,764
Production Plant	$ 2,881,475,627		$ 927,139,222	$ 608,771,370	[1]	$ 1,535,910,592
Transmission Plant	$ 327,880,315		$ 671,053,166	$ 49,179,080	[2]	$ 720,232,246
Distribution Plant	$ 1,411,966,451		$ 2,070,117,482	$ 731,396	[3]	$ 2,070,848,879
General Plant	$ 236,210,390		$ 232,138,325			$ 232,138,325
Total Electric Plant in Service	$ 4,939,868,962	[4]	$ 3,982,784,375	$ 658,681,846		$ 4,641,466,221
Other Rate Base Items:[5]						
Jurisdictional Materials & Supplies			$ 72,227,000			$ 72,227,000
Jurisdictional Fuel			$ 33,764,000			$ 33,764,000
Regulatory Assets			$ 85,316,000			$ 85,316,000
Total Other Rate Base Adjustments			$ 191,307,000			$ 191,307,000
Current Value of Rate Base			$ 4,174,091,375	$ 658,681,846		$ 4,832,773,221

[1] Construction cost of the Eagle Valley CCGT.
[2] Investment in station equipment and overhead conductor at the Eagle Valley CCGT
[3] Deep Rock distribution investment.
[4] The original cost was adjusted to reflect the removal of the ARO and non-jurisdictional assets (shown on RB-6 and RB-5 respectively)
In addition, the original cost was adjusted for the meter adjustment shown on RB-10.
[5] Source: IPL Financial Exhibit IPL-RB, Schedule RB1

Summary
Reproduction Cost New Less Depreciation

Account Description	Original Cost	RCN	Depreciation	RCNLD	Current Value as of June 30, 2016
Transmission Plant	$ 327,880,315	$ 1,029,887,570	$ 358,834,404	$ 671,053,166	$ 671,053,166
Distribution Plant	$ 1,411,966,451	$ 3,410,159,637	$ 1,340,042,154	$ 2,070,117,482	$ 2,070,117,482
General Plant	$ 236,210,390	$ 373,774,516	$ 141,636,191	$ 232,138,325	$ 232,138,325
Total Electric Plant in Service	$ 1,976,057,156	$ 4,813,821,722	$ 1,840,512,748	$ 2,973,308,974	$ 2,973,308,974

Summary
Reproduction Cost New Less Depreciation

Account #	Account Description		Original Cost		Reproduction Cost New	Percent Condition		RCNLD
	Transmission Plant							
350	Land and Land Rights	$	18,494,533.30	$	18,494,533	100%	$	18,494,533
351	Energy Storage	$	14,081,571.70	$	14,081,572	95%	$	13,415,513
352	Structures and Improvements	$	12,748,471.71	$	21,451,449	78%	$	16,732,130
353	Station Equipment	$	153,120,083.02	$	469,401,892	65%	$	305,241,619
354	Towers & Fixtures	$	44,304,414.42	$	219,224,017	60%	$	131,534,410
355	Poles & Fixtures	$	36,614,451	$	83,812,329	71%	$	59,513,337
356	Overhead Conductors	$	48,516,461.47	$	203,421,449	62%	$	126,121,298
357	Underground Conduit	$	328.59	$	328	99%	$	325
	Total, Transmission Plant	**$**	**327,880,315**	**$**	**1,029,887,570**	**65%**	**$**	**671,053,166**
		$	-					
	Distribution Plant							
360	Land and Land Rights	$	4,002,357.17	$	4,002,357	100%	$	4,002,357
361	Structures and Improvements	$	11,144,870.36	$	40,225,657	53%	$	21,319,598
362	Station Equipment	$	163,542,845.71	$	494,171,818	63%	$	311,328,245
364	Poles, Towers & Fixtures	$	148,239,439.34	$	318,409,449	64%	$	203,782,047
365	Overhead Conductors	$	198,668,954.85	$	518,586,250	58%	$	300,780,025
366	Underground Conduit	$	106,757,422.62	$	239,284,416	65%	$	155,534,870
367	Underground Conductors & Devices	$	250,475,258.61	$	506,622,639	59%	$	298,907,357
368	Line Transformers	$	225,733,600.39	$	718,580,935	67%	$	481,449,226
369	Services	$	127,297,537.83	$	244,508,989	61%	$	149,150,483
370	Meters	$	73,046,294.64	$	107,340,061	56%	$	60,261,603
371	Installations on Customer's Premises	$	39,465,497.97	$	60,635,464	52%	$	31,530,441
373	Street Lighting & Signaling Systems	$	63,592,371.53	$	157,791,602	33%	$	52,071,229
	Total, Distribution Plant	**$**	**1,411,966,451**	**$**	**3,410,159,637**	**61%**	**$**	**2,070,117,482**
	General Plant							
389	Land and Land Rights	$	3,752,700.03	$	3,752,700	100%	$	3,752,700
390	Structures and Improvements	$	85,776,396.17	$	193,971,481	76%	$	147,418,325
391	Office Furniture & Equipment	$	47,702,021.16	$	58,401,718	56%	$	32,708,894
392	Transportation Equipment	$	37,378,434.02	$	40,707,659	41%	$	16,690,140
393	Stores Equipment	$	2,944,162.25	$	5,991,368	57%	$	3,395,108
394	Tools, Shop & Garage Equipment	$	16,832,115.38	$	23,588,380	10%	$	2,358,838
395	Laboratory Equipment	$	9,857,769.80	$	13,656,992	45%	$	6,145,646
396	Power Operated Equipment	$	2,488,706.86	$	4,436,826	40%	$	1,774,730
397	Communication Equipment	$	25,743,294.07	$	24,647,088	57%	$	13,966,683
398	Miscellaneous Equipment	$	3,734,790.74	$	4,620,304	85%	$	3,927,258
	Total, General Plant	**$**	**236,210,390**	**$**	**373,774,516**	**62%**	**$**	**232,138,325**
	Total Transmission & Distribution	**$**	**1,976,057,156**	**$**	**4,813,821,722**		**$**	**2,973,308,974**

Summary
Replacement Cost New Less Depreciation

(a)		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
301	Organization Costs, Electric	1942	$ 46,415	None	1	1	1.00	$ 46,415	74.50	$ 3,457,922
		Total	**$ 46,415**					**$ 46,415**	**74.50**	**$ 3,457,922**
303	Intangible Property, Electric	1989	$ 5,405,681	None	1	1	1.00	$ 5,405,681	27.50	$ 148,656,235
		1992	$ 2,237,807	None	1	1	1.00	$ 2,237,807	24.50	$ 54,826,270
		1993	$ 602,376	None	1	1	1.00	$ 602,376	23.50	$ 14,155,827
		1995	$ 344,512	None	1	1	1.00	$ 344,512	21.50	$ 7,407,008
		1997	$ 3,934,130	None	1	1	1.00	$ 3,934,130	19.50	$ 76,715,539
		1998	$ 12,558,329	None	1	1	1.00	$ 12,558,329	18.50	$ 232,329,085
		1999	$ 8,582,788	None	1	1	1.00	$ 8,582,788	17.50	$ 150,198,795
		2000	$ 415,079	None	1	1	1.00	$ 415,079	16.50	$ 6,848,800
		2001	$ 486,498	None	1	1	1.00	$ 486,498	15.50	$ 7,540,720
		2002	$ 2,056,479	None	1	1	1.00	$ 2,056,479	14.50	$ 29,818,952
		2003	$ 6,884,192	None	1	1	1.00	$ 6,884,192	13.50	$ 92,936,590
		2004	$ 930,685	None	1	1	1.00	$ 930,685	12.50	$ 11,633,566
		2005	$ 502,788	None	1	1	1.00	$ 502,788	11.50	$ 5,782,060
		2006	$ 492,656	None	1	1	1.00	$ 492,656	10.50	$ 5,172,884
		2007	$ 3,006,916	None	1	1	1.00	$ 3,006,916	9.50	$ 28,565,698
		2008	$ 958,658	None	1	1	1.00	$ 958,658	8.50	$ 8,148,591
		2009	$ 7,473,791	None	1	1	1.00	$ 7,473,791	7.50	$ 56,053,431
		2010	$ 4,072,141	None	1	1	1.00	$ 4,072,141	6.50	$ 26,468,918
		2011	$ 6,641,539	None	1	1	1.00	$ 6,641,539	5.50	$ 36,528,466
		2012	$ 4,517,150	None	1	1	1.00	$ 4,517,150	4.50	$ 20,327,174
		2013	$ 5,872,394	None	1	1	1.00	$ 5,872,394	3.50	$ 20,553,377
		2014	$ 1,266,491	None	1	1	1.00	$ 1,266,491	0.50	$ 633,245
		2015	$ 2,841,102	None	1	1	1.00	$ 2,841,102	1.50	$ 4,261,652
		2016	$ 205,584	None	1	1	1.00	$ 205,584	0.50	$ 102,792
		Total	**$ 82,289,764**					**$ 82,289,764**	**12.71**	**$ 1,045,665,674**
350	Land	1930	$ 420,788	none	1	1	1.00	$ 420,788	86.50	$ 36,398,195
		1931	$ 154,831	none	1	1	1.00	$ 154,831	85.50	$ 13,238,043
		1932	$ 82	none	1	1	1.00	$ 82	84.50	$ 6,957
		1938	$ 301	none	1	1	1.00	$ 301	78.50	$ 23,636
		1944	$ 2	none	1	1	1.00	$ 2	72.50	$ 145
		1946	$ 1,395	none	1	1	1.00	$ 1,395	70.50	$ 98,337
		1948	$ 4,116	none	1	1	1.00	$ 4,116	68.50	$ 281,929
		1949	$ 127,195	none	1	1	1.00	$ 127,195	67.50	$ 8,585,692
		1950	$ 25,077	none	1	1	1.00	$ 25,077	66.50	$ 1,667,613
		1951	$ 15	none	1	1	1.00	$ 15	65.50	$ 983
		1952	$ 89,195	none	1	1	1.00	$ 89,195	64.50	$ 5,753,049
		1953	$ 275,533	none	1	1	1.00	$ 275,533	63.50	$ 17,496,367
		1954	$ 6	none	1	1	1.00	$ 6	62.50	$ 374
		1955	$ 427	none	1	1	1.00	$ 427	61.50	$ 26,261
		1956	$ 34,918	none	1	1	1.00	$ 34,918	60.50	$ 2,112,510
		1957	$ 6,697	none	1	1	1.00	$ 6,697	59.50	$ 398,495
		1958	$ 2,043	none	1	1	1.00	$ 2,043	58.50	$ 119,518
		1959	$ 43,365	none	1	1	1.00	$ 43,365	57.50	$ 2,493,493
		1960	$ 4,868	none	1	1	1.00	$ 4,868	56.50	$ 275,067
		1961	$ 192,302	none	1	1	1.00	$ 192,302	55.50	$ 10,672,783
		1962	$ 730,331	none	1	1	1.00	$ 730,331	54.50	$ 39,803,034
		1963	$ 231,013	none	1	1	1.00	$ 231,013	53.50	$ 12,359,208
		1964	$ 307,667	none	1	1	1.00	$ 307,667	52.50	$ 16,152,534
		1965	$ 77,553	none	1	1	1.00	$ 77,553	51.50	$ 3,993,998
		1966	$ 18,511	none	1	1	1.00	$ 18,511	50.50	$ 934,816
		1967	$ 162,249	none	1	1	1.00	$ 162,249	49.50	$ 8,031,314
		1968	$ 508,245	none	1	1	1.00	$ 508,245	48.50	$ 24,649,890
		1969	$ 204,272	none	1	1	1.00	$ 204,272	47.50	$ 9,702,914
		1970	$ 1,326,625	none	1	1	1.00	$ 1,326,625	46.50	$ 61,688,059
		1971	$ 604,707	none	1	1	1.00	$ 604,707	45.50	$ 27,514,147
		1972	$ 1,203,034	none	1	1	1.00	$ 1,203,034	44.50	$ 53,534,997
		1973	$ 586,361	none	1	1	1.00	$ 586,361	43.50	$ 25,506,683
		1974	$ 686,475	none	1	1	1.00	$ 686,475	42.50	$ 29,175,193
		1975	$ 1,209,350	none	1	1	1.00	$ 1,209,350	41.50	$ 50,188,025
		1976	$ 424,534	none	1	1	1.00	$ 424,534	40.50	$ 17,193,642
		1977	$ 323,198	none	1	1	1.00	$ 323,198	39.50	$ 12,766,319
		1978	$ 34,632	none	1	1	1.00	$ 34,632	38.50	$ 1,333,342
		1979	$ 46,378	none	1	1	1.00	$ 46,378	37.50	$ 1,739,170
		1980	$ 22,171	none	1	1	1.00	$ 22,171	36.50	$ 809,244
		1981	$ 365	none	1	1	1.00	$ 365	35.50	$ 12,958
		1982	$ 98,040	none	1	1	1.00	$ 98,040	34.50	$ 3,382,367

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1983	$ 3,421,992	none	1	1	1.00	$ 3,421,992	33.50	$ 114,636,732
		1984	$ 5,882	none	1	1	1.00	$ 5,882	32.50	$ 191,167
		1985	$ 10,213	none	1	1	1.00	$ 10,213	31.50	$ 321,710
		1986	$ 3,437,050	none	1	1	1.00	$ 3,437,050	30.50	$ 104,830,022
		1987	$ 622	none	1	1	1.00	$ 622	29.50	$ 18,349
		1988	$ 8,602	none	1	1	1.00	$ 8,602	28.50	$ 245,147
		1989	$ 1,285	none	1	1	1.00	$ 1,285	27.50	$ 35,324
		1990	$ 215	none	1	1	1.00	$ 215	26.50	$ 5,698
		1991	$ 125,366	none	1	1	1.00	$ 125,366	25.50	$ 3,196,833
		1992	$ 13,558	none	1	1	1.00	$ 13,558	24.50	$ 332,171
		1993	$ 13,916	none	1	1	1.00	$ 13,916	23.50	$ 327,026
		1994	$ 263,922	none	1	1	1.00	$ 263,922	22.50	$ 5,938,245
		1995	$ 3,575	none	1	1	1.00	$ 3,575	21.50	$ 76,864
		1996	$ 18,942	none	1	1	1.00	$ 18,942	20.50	$ 388,317
		1997	$ 10,639	none	1	1	1.00	$ 10,639	19.50	$ 207,463
		1998	$ 16	none	1	1	1.00	$ 16	18.50	$ 296
		2002	$ 30,243	none	1	1	1.00	$ 30,243	14.50	$ 438,517
		2003	$ 9,800	none	1	1	1.00	$ 9,800	13.50	$ 132,300
		2005	$ 141	none	1	1	1.00	$ 141	11.50	$ 1,627
		2007	$ 900	none	1	1	1.00	$ 900	9.50	$ 8,546
		2008	$ 8	none	1	1	1.00	$ 8	8.50	$ 65
		2010	$ 590,592	none	1	1	1.00	$ 590,592	6.50	$ 3,838,846
		2011	$ 643	none	1	1	1.00	$ 643	5.50	$ 3,538
		2015	$ 337,544	none	1	1	1.00	$ 337,544	1.50	$ 506,317
		Total	**$ 18,494,533**					**$ 18,494,533**	**39.78**	**$ 735,802,414**
351	Energy Storage	2016	$ 14,081,572	HW_E3_53	766	766	1.00	$ 14,081,572	0.50	$ 7,040,786
		Total	**$ 14,081,572**					**$ 14,081,572**	**0.50**	**$ 7,040,786**
352	Structures & Improvements	1963	$ 170,845	HW_B3_4	61	524	8.59	$ 1,467,587	53.50	$ 78,515,890
		1967	$ 244,882	HW_B3_4	64	524	8.19	$ 2,004,971	49.50	$ 99,246,067
		1968	$ 14,727	HW_B3_4	68	524	7.71	$ 113,485	48.50	$ 5,504,015
		1969	$ 206,038	HW_B3_4	72	524	7.28	$ 1,499,496	47.50	$ 71,226,064
		1970	$ 67,328	HW_B3_4	76	524	6.89	$ 464,209	46.50	$ 21,585,702
		1971	$ 155,458	HW_B3_4	83	524	6.31	$ 981,445	45.50	$ 44,655,767
		1972	$ 73,253	HW_B3_4	89	524	5.89	$ 431,288	44.50	$ 19,192,294
		1973	$ 156,596	HW_B3_4	100	524	5.24	$ 820,563	43.50	$ 35,694,506
		1974	$ 5,865	HW_B3_4	140	524	3.75	$ 21,990	42.50	$ 934,556
		1975	$ 3,511	HW_B3_4	161	524	3.25	$ 11,408	41.50	$ 473,444
		1976	$ 179,795	HW_B3_4	152	524	3.45	$ 619,819	40.50	$ 25,102,688
		1977	$ 375,829	HW_B3_4	153	524	3.42	$ 1,285,052	39.50	$ 50,759,556
		1982	$ 14,814	HW_B3_4	202	524	2.60	$ 38,524	34.50	$ 1,329,069
		1983	$ 30,504	HW_B3_4	200	524	2.62	$ 79,822	33.50	$ 2,674,025
		1985	$ 34,804	HW_B3_4	236	524	2.22	$ 77,194	31.50	$ 2,431,617
		1986	$ 12,911	HW_B3_4	244	524	2.15	$ 27,727	30.50	$ 845,686
		1987	$ 48,158	HW_B3_4	251	524	2.09	$ 100,436	29.50	$ 2,962,863
		1988	$ 6,146	HW_B3_4	268	524	1.96	$ 12,027	28.50	$ 342,773
		1990	$ 46,235	HW_B3_4	278	524	1.88	$ 87,147	26.50	$ 2,309,403
		1991	$ 92,305	HW_B3_4	251	524	2.09	$ 192,508	25.50	$ 4,908,962
		1992	$ 1,411	HW_B3_4	249	524	2.10	$ 2,970	24.50	$ 72,771
		1993	$ 23,154	HW_B3_4	267	524	1.96	$ 45,441	23.50	$ 1,067,857
		1994	$ 164,162	HW_B3_4	293	524	1.79	$ 293,337	22.50	$ 6,600,082
		1995	$ 20,440	HW_B3_4	306	524	1.72	$ 35,059	21.50	$ 753,779
		1996	$ 61,350	HW_B3_4	306	524	1.72	$ 105,229	20.50	$ 2,157,191
		1997	$ 2,394	HW_B3_4	319	524	1.64	$ 3,932	19.50	$ 76,676
		1999	$ 67,181	HW_B3_4	332	524	1.58	$ 106,112	17.50	$ 1,856,956
		2001	$ 42,902	HW_B3_4	362	524	1.45	$ 62,144	15.50	$ 963,231
		2003	$ 2,760	HW_B3_4	374	524	1.40	$ 3,864	13.50	$ 52,169
		2004	$ 96,831	HW_B3_4	422	524	1.24	$ 120,378	12.50	$ 1,504,730
		2005	$ 4,270	HW_B3_4	438	524	1.20	$ 5,106	11.50	$ 58,717
		2006	$ 53,544	HW_B3_4	457	524	1.15	$ 61,360	10.50	$ 644,284
		2007	$ 6,873	HW_B3_4	511	524	1.03	$ 7,054	9.50	$ 67,015
		2009	$ 3,095	HW_B3_4	502	524	1.04	$ 3,234	7.50	$ 24,255
		2010	$ 52,346	HW_B3_4	493	524	1.06	$ 55,666	6.50	$ 361,828
		2011	$ 10,984	HW_B3_4	513	524	1.02	$ 11,225	5.50	$ 61,738
		2012	$ 14,254	HW_B3_4	524	524	1.00	$ 14,254	4.50	$ 64,141
		2013	$ 57,922	HW_B3_4	531	524	0.99	$ 57,186	3.50	$ 200,149
		2015	$ 95,955	HW_B3_4	532	524	0.99	$ 94,557	1.50	$ 141,835
		2016	$ 10,026,642	HW_B3_4	524	524	1.00	$ 10,026,642	0.50	$ 5,013,321
		Total	**$ 12,748,472**					**$ 21,451,449**	**22.96**	**$ 492,437,673**
353	Station Equipment	1914	$ 22	HW_E3_53	15	766	51.07	$ 1,100	102.50	$ 112,748
		1916	$ 516	HW_E3_53	17	766	45.06	$ 23,243	100.50	$ 2,335,891
		1921	$ 609	HW_E3_53	31	766	24.71	$ 15,049	95.50	$ 1,437,150

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1923	$ 14	HW_E3_53	29	766	26.41	$ 361	93.50	$ 33,785
		1927	$ 15	HW_E3_53	30	766	25.53	$ 377	89.50	$ 33,753
		1928	$ 158	HW_E3_53	30	766	25.53	$ 4,036	88.50	$ 357,146
		1929	$ 559	HW_E3_53	31	766	24.71	$ 13,802	87.50	$ 1,207,682
		1931	$ 44	HW_E3_53	30	766	25.53	$ 1,133	85.50	$ 96,864
		1932	$ 720,275	HW_E3_53	28	766	27.36	$ 19,704,665	84.50	$ 1,665,044,167
		1935	$ 186	HW_E3_53	33	766	23.21	$ 4,310	81.50	$ 351,286
		1937	$ 384	HW_E3_53	36	766	21.28	$ 8,176	79.50	$ 650,025
		1938	$ 209	HW_E3_53	36	766	21.28	$ 4,450	78.50	$ 349,311
		1939	$ 2,248	HW_E3_53	36	766	21.28	$ 47,830	77.50	$ 3,706,833
		1940	$ 3,633	HW_E3_53	36	766	21.28	$ 77,313	76.50	$ 5,914,413
		1941	$ 16,028	HW_E3_53	37	766	20.70	$ 331,826	75.50	$ 25,052,865
		1942	$ 68,530	HW_E3_53	38	766	20.16	$ 1,381,413	74.50	$ 102,915,244
		1943	$ 39,860	HW_E3_53	37	766	20.70	$ 825,204	73.50	$ 60,652,489
		1944	$ 1,391	HW_E3_53	35	766	21.89	$ 30,439	72.50	$ 2,206,802
		1945	$ 46,684	HW_E3_53	35	766	21.89	$ 1,021,712	71.50	$ 73,052,410
		1946	$ 18,419	HW_E3_53	40	766	19.15	$ 352,718	70.50	$ 24,866,626
		1947	$ 41,631	HW_E3_53	48	766	15.96	$ 664,367	69.50	$ 46,173,482
		1948	$ 115,968	HW_E3_53	50	766	15.32	$ 1,776,635	68.50	$ 121,699,516
		1949	$ 142,134	HW_E3_53	53	766	14.45	$ 2,054,239	67.50	$ 138,661,152
		1950	$ 44,474	HW_E3_53	57	766	13.44	$ 597,665	66.50	$ 39,744,717
		1951	$ 378,843	HW_E3_53	64	766	11.97	$ 4,534,281	65.50	$ 296,995,412
		1952	$ 823,517	HW_E3_53	66	766	11.61	$ 9,557,790	64.50	$ 616,477,482
		1953	$ 356,358	HW_E3_53	69	766	11.10	$ 3,956,092	63.50	$ 251,211,816
		1954	$ 5,538	HW_E3_53	71	766	10.79	$ 59,744	62.50	$ 3,733,980
		1955	$ 60,110	HW_E3_53	72	766	10.64	$ 639,501	61.50	$ 39,329,282
		1956	$ 441,601	HW_E3_53	78	766	9.82	$ 4,336,747	60.50	$ 262,373,218
		1957	$ 86,673	HW_E3_53	82	766	9.34	$ 809,657	59.50	$ 48,174,600
		1958	$ 776,124	HW_E3_53	86	766	8.91	$ 6,912,918	58.50	$ 404,405,696
		1959	$ 78,665	HW_E3_53	84	766	9.12	$ 717,348	57.50	$ 41,247,492
		1960	$ 12,711	HW_E3_53	78	766	9.82	$ 124,825	56.50	$ 7,052,585
		1961	$ 490,132	HW_E3_53	70	766	10.94	$ 5,363,443	55.50	$ 297,671,070
		1962	$ 519,183	HW_E3_53	69	766	11.10	$ 5,763,680	54.50	$ 314,120,558
		1963	$ 753,660	HW_E3_53	65	766	11.78	$ 8,881,598	53.50	$ 475,165,471
		1964	$ 492,799	HW_E3_53	69	766	11.10	$ 5,470,782	52.50	$ 287,216,043
		1965	$ 439,346	HW_E3_53	72	766	10.64	$ 4,674,149	51.50	$ 240,718,675
		1966	$ 271,271	HW_E3_53	75	766	10.21	$ 2,770,576	50.50	$ 139,914,090
		1967	$ 2,097,958	HW_E3_53	79	766	9.70	$ 20,342,225	49.50	$ 1,006,940,132
		1968	$ 1,397,321	HW_E3_53	82	766	9.34	$ 13,053,025	48.50	$ 633,071,697
		1969	$ 2,929,548	HW_E3_53	86	766	8.91	$ 26,093,419	47.50	$ 1,239,437,412
		1970	$ 1,109,248	HW_E3_53	90	766	8.51	$ 9,440,930	46.50	$ 439,003,249
		1971	$ 2,534,708	HW_E3_53	92	766	8.33	$ 21,104,195	45.50	$ 960,240,879
		1972	$ 1,178,770	HW_E3_53	94	766	8.15	$ 9,605,720	44.50	$ 427,454,559
		1973	$ 3,231,582	HW_E3_53	100	766	7.66	$ 24,753,917	43.50	$ 1,076,795,405
		1974	$ 519,501	HW_E3_53	125	766	6.13	$ 3,183,503	42.50	$ 135,298,885
		1975	$ 988,280	HW_E3_53	148	766	5.18	$ 5,115,017	41.50	$ 212,273,221
		1976	$ 3,130,863	HW_E3_53	152	766	5.04	$ 15,777,902	40.50	$ 639,005,043
		1977	$ 2,713,583	HW_E3_53	164	766	4.67	$ 12,674,419	39.50	$ 500,639,552
		1978	$ 749,320	HW_E3_53	175	766	4.38	$ 3,279,881	38.50	$ 126,275,418
		1979	$ 423,665	HW_E3_53	189	766	4.05	$ 1,717,078	37.50	$ 64,390,411
		1980	$ 493,115	HW_E3_53	205	766	3.74	$ 1,842,568	36.50	$ 67,253,731
		1981	$ 655,241	HW_E3_53	222	766	3.45	$ 2,260,876	35.50	$ 80,261,106
		1982	$ 3,156,990	HW_E3_53	236	766	3.25	$ 10,246,841	34.50	$ 353,516,000
		1983	$ 1,485,150	HW_E3_53	237	766	3.23	$ 4,800,105	33.50	$ 160,803,530
		1984	$ 1,156,469	HW_E3_53	241	766	3.18	$ 3,675,748	32.50	$ 119,461,800
		1985	$ 3,811,903	HW_E3_53	245	766	3.13	$ 11,918,030	31.50	$ 375,417,952
		1986	$ 2,985,515	HW_E3_53	247	766	3.10	$ 9,258,724	30.50	$ 282,391,085
		1987	$ 2,815,065	HW_E3_53	255	766	3.00	$ 8,456,234	29.50	$ 249,458,910
		1988	$ 759,501	HW_E3_53	267	766	2.87	$ 2,176,905	28.50	$ 62,041,778
		1989	$ 2,833,543	HW_E3_53	282	766	2.72	$ 7,703,617	27.50	$ 211,849,463
		1990	$ 2,280,291	HW_E3_53	299	766	2.56	$ 5,846,705	26.50	$ 154,937,682
		1991	$ 5,263,672	HW_E3_53	301	766	2.55	$ 13,406,394	25.50	$ 341,863,058
		1992	$ 3,312,629	HW_E3_53	310	766	2.47	$ 8,192,006	24.50	$ 200,704,156
		1993	$ 4,212,211	HW_E3_53	321	766	2.39	$ 10,059,402	23.50	$ 236,395,958
		1994	$ 2,888,122	HW_E3_53	337	766	2.27	$ 6,569,566	22.50	$ 147,815,227
		1995	$ 1,908,556	HW_E3_53	350	766	2.19	$ 4,174,031	21.50	$ 89,741,656
		1996	$ 572,625	HW_E3_53	352	766	2.17	$ 1,245,226	20.50	$ 25,527,128
		1997	$ 582,706	HW_E3_53	357	766	2.14	$ 1,249,413	19.50	$ 24,363,557
		1998	$ 401,436	HW_E3_53	367	766	2.09	$ 837,304	18.50	$ 15,490,120
		1999	$ 924,261	HW_E3_53	373	766	2.05	$ 1,899,354	17.50	$ 33,238,693
		2000	$ 3,032,862	HW_E3_53	394	766	1.95	$ 5,903,868	16.50	$ 97,413,826

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2001	$ 5,754,953	HW_E3_53	412	766	1.86	$ 10,712,744	15.50	$ 166,047,535
		2002	$ 2,222,439	HW_E3_53	423	766	1.81	$ 4,026,939	14.50	$ 58,390,615
		2003	$ 1,015,761	HW_E3_53	426	766	1.80	$ 1,827,535	13.50	$ 24,671,717
		2004	$ 195,680	HW_E3_53	461	766	1.66	$ 325,496	12.50	$ 4,068,703
		2005	$ 1,170,033	HW_E3_53	498	766	1.54	$ 1,801,498	11.50	$ 20,717,222
		2006	$ 922,685	HW_E3_53	538	766	1.43	$ 1,314,933	10.50	$ 13,806,796
		2007	$ 2,009,007	HW_E3_53	584	766	1.31	$ 2,633,184	9.50	$ 25,015,244
		2008	$ 415,118	HW_E3_53	625	766	1.23	$ 509,175	8.50	$ 4,327,991
		2009	$ 585,456	HW_E3_53	645	766	1.19	$ 695,286	7.50	$ 5,214,643
		2010	$ 2,495,864	HW_E3_53	668	766	1.15	$ 2,864,167	6.50	$ 18,617,085
		2011	$ 828,743	HW_E3_53	697	766	1.10	$ 910,458	5.50	$ 5,007,521
		2012	$ 2,630,287	HW_E3_53	720	766	1.06	$ 2,797,362	4.50	$ 12,588,130
		2013	$ 3,724,487	HW_E3_53	732	766	1.05	$ 3,898,814	3.50	$ 13,645,848
		2014	$ 5,562,581	HW_E3_53	747	766	1.03	$ 5,707,886	0.50	$ 2,853,943
		2015	$ 16,662,215	HW_E3_53	763	766	1.00	$ 16,722,249	1.50	$ 25,083,374
		2016	$ 30,405,567	HW_E3_53	766	766	1.00	$ 30,405,567	0.50	$ 15,202,783
		Total	**$ 152,387,606**					**$ 468,532,633**	**36.81**	**$ 17,248,495,259**
353.1	Station Equipment-MPP	2007	$ 304,396	HW_E3_53	584	766	1.31	$ 398,969	9.50	$ 3,790,207
		2011	$ 428,081	HW_E3_53	697	766	1.10	$ 470,290	5.50	$ 2,586,597
		Total	**$ 732,477**					**$ 869,260**	**7.34**	**$ 6,376,804**
354	Towers & Fixtures	1932	$ 649,302	HW_E3_54	13	579	44.54	$ 28,918,914	84.50	$ 2,443,648,228
		1939	$ 1,223	HW_E3_54	17	579	34.06	$ 41,668	77.50	$ 3,229,236
		1940	$ 2,531	HW_E3_54	17	579	34.06	$ 86,200	76.50	$ 6,594,312
		1942	$ 259	HW_E3_54	19	579	30.47	$ 7,878	74.50	$ 586,938
		1943	$ 531	HW_E3_54	19	579	30.47	$ 16,171	73.50	$ 1,188,603
		1949	$ 565,751	HW_E3_54	31	579	18.68	$ 10,566,769	67.50	$ 713,256,911
		1950	$ 101,457	HW_E3_54	33	579	17.55	$ 1,780,116	66.50	$ 118,377,692
		1951	$ 5,610	HW_E3_54	36	579	16.08	$ 90,224	65.50	$ 5,909,648
		1952	$ 29,487	HW_E3_54	37	579	15.65	$ 461,438	64.50	$ 29,762,738
		1953	$ 37,100	HW_E3_54	40	579	14.48	$ 537,024	63.50	$ 34,101,011
		1956	$ 4,665	HW_E3_54	45	579	12.87	$ 60,019	60.50	$ 3,631,150
		1957	$ 19,821	HW_E3_54	47	579	12.32	$ 244,180	59.50	$ 14,528,685
		1958	$ 14,109	HW_E3_54	49	579	11.82	$ 166,722	58.50	$ 9,753,236
		1959	$ 3,838	HW_E3_54	51	579	11.35	$ 43,577	57.50	$ 2,505,659
		1960	$ 1,994	HW_E3_54	52	579	11.13	$ 22,201	56.50	$ 1,254,355
		1961	$ 30,143	HW_E3_54	53	579	10.92	$ 329,299	55.50	$ 18,276,115
		1962	$ 30,758	HW_E3_54	54	579	10.72	$ 329,799	54.50	$ 17,974,065
		1963	$ 17,886	HW_E3_54	55	579	10.53	$ 188,291	53.50	$ 10,073,552
		1964	$ 35,942	HW_E3_54	57	579	10.16	$ 365,093	52.50	$ 19,167,394
		1965	$ 51,290	HW_E3_54	60	579	9.65	$ 494,944	51.50	$ 25,489,599
		1967	$ 3,900,736	HW_E3_54	66	579	8.77	$ 34,220,090	49.50	$ 1,693,894,456
		1968	$ 1,621,778	HW_E3_54	69	579	8.39	$ 13,608,835	48.50	$ 660,028,508
		1970	$ 2,134,245	HW_E3_54	81	579	7.15	$ 15,255,903	46.50	$ 709,399,480
		1971	$ 887,076	HW_E3_54	87	579	6.66	$ 5,903,645	45.50	$ 268,615,835
		1972	$ 2,093,018	HW_E3_54	93	579	6.23	$ 13,030,727	44.50	$ 579,867,364
		1973	$ 154,272	HW_E3_54	100	579	5.79	$ 893,236	43.50	$ 38,855,770
		1975	$ 2,065,897	HW_E3_54	140	579	4.14	$ 8,543,959	41.50	$ 354,574,295
		1976	$ 391,966	HW_E3_54	140	579	4.14	$ 1,621,058	40.50	$ 65,652,868
		1977	$ 9,658,157	HW_E3_54	145	579	3.99	$ 38,566,021	39.50	$ 1,523,357,816
		1978	$ 74,411	HW_E3_54	159	579	3.64	$ 270,967	38.50	$ 10,432,216
		1980	$ 84,952	HW_E3_54	196	579	2.95	$ 250,955	36.50	$ 9,159,865
		1981	$ 8,055	HW_E3_54	204	579	2.84	$ 22,863	35.50	$ 811,639
		1983	$ 3,941,436	HW_E3_54	214	579	2.71	$ 10,663,979	33.50	$ 357,243,305
		1985	$ 682,969	HW_E3_54	236	579	2.45	$ 1,675,589	31.50	$ 52,781,054
		1986	$ 7,583,593	HW_E3_54	243	579	2.38	$ 18,069,548	30.50	$ 551,121,222
		1987	$ 48,464	HW_E3_54	251	579	2.31	$ 111,794	29.50	$ 3,297,936
		1988	$ 596,220	HW_E3_54	261	579	2.22	$ 1,322,648	28.50	$ 37,695,470
		1989	$ 480,764	HW_E3_54	268	579	2.16	$ 1,038,664	27.50	$ 28,563,274
		1990	$ 42,382	HW_E3_54	271	579	2.14	$ 90,634	26.50	$ 2,401,802
		1991	$ 707,645	HW_E3_54	265	579	2.19	$ 1,549,060	25.50	$ 39,501,029
		1992	$ 118,395	HW_E3_54	269	579	2.15	$ 255,073	24.50	$ 6,249,277
		1993	$ 662,335	HW_E3_54	281	579	2.06	$ 1,363,527	23.50	$ 32,042,889
		1994	$ 507,720	HW_E3_54	298	579	1.94	$ 985,649	22.50	$ 22,177,095
		1996	$ 45,829	HW_E3_54	320	579	1.81	$ 82,922	20.50	$ 1,699,900
		1999	$ 176,588	HW_E3_54	346	579	1.67	$ 295,504	17.50	$ 5,171,315
		2002	$ 555,833	HW_E3_54	384	579	1.51	$ 839,185	14.50	$ 12,168,186
		2006	$ 874,613	HW_E3_54	459	579	1.26	$ 1,103,269	10.50	$ 11,584,329
		2007	$ 67,744	HW_E3_54	492	579	1.18	$ 79,646	9.50	$ 756,634
		2010	$ 1,241,721	HW_E3_54	511	579	1.13	$ 1,408,338	6.50	$ 9,154,194
		2013	$ 1,291,904	HW_E3_54	554	579	1.05	$ 1,350,203	3.50	$ 4,725,710
		2015	$ -	HW_E3_54	575	579	1.01	$ -	#DIV/0!	$ -

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		Total	**$ 44,304,414**					**$ 219,224,017**	**48.23**	**$ 10,572,293,861**
355	Poles & Fixtures	1950	$ 18,701	HW_E3_55	34	592	17.41	$ 325,615	66.50	$ 21,653,431
		1951	$ 92	HW_E3_55	37	592	16.00	$ 1,465	65.50	$ 95,944
		1952	$ 88,030	HW_E3_55	38	592	15.58	$ 1,371,409	64.50	$ 88,455,849
		1953	$ 324,031	HW_E3_55	41	592	14.44	$ 4,678,684	63.50	$ 297,096,462
		1954	$ 209	HW_E3_55	42	592	14.10	$ 2,947	62.50	$ 184,172
		1955	$ 87	HW_E3_55	43	592	13.77	$ 1,202	61.50	$ 73,942
		1956	$ 41,480	HW_E3_55	46	592	12.87	$ 533,831	60.50	$ 32,296,798
		1957	$ 286	HW_E3_55	49	592	12.08	$ 3,461	59.50	$ 205,945
		1958	$ 2,066	HW_E3_55	50	592	11.84	$ 24,467	58.50	$ 1,431,313
		1959	$ 209	HW_E3_55	50	592	11.84	$ 2,470	57.50	$ 142,008
		1960	$ 2,071	HW_E3_55	52	592	11.38	$ 23,583	56.50	$ 1,332,420
		1961	$ 89,093	HW_E3_55	53	592	11.17	$ 995,147	55.50	$ 55,230,663
		1962	$ 573,741	HW_E3_55	54	592	10.96	$ 6,289,901	54.50	$ 342,799,599
		1963	$ 47,976	HW_E3_55	55	592	10.76	$ 516,392	53.50	$ 27,626,985
		1964	$ 79,690	HW_E3_55	56	592	10.57	$ 842,437	52.50	$ 44,227,967
		1965	$ 347	HW_E3_55	58	592	10.21	$ 3,539	51.50	$ 182,281
		1966	$ 9,047	HW_E3_55	60	592	9.87	$ 89,259	50.50	$ 4,507,604
		1967	$ 200,781	HW_E3_55	63	592	9.40	$ 1,886,708	49.50	$ 93,392,062
		1968	$ 93,726	HW_E3_55	65	592	9.11	$ 853,627	48.50	$ 41,400,928
		1969	$ 273,155	HW_E3_55	71	592	8.34	$ 2,277,575	47.50	$ 108,184,828
		1970	$ 15,802	HW_E3_55	78	592	7.59	$ 119,933	46.50	$ 5,576,866
		1971	$ 668,153	HW_E3_55	83	592	7.13	$ 4,765,619	45.50	$ 216,835,657
		1972	$ 504,713	HW_E3_55	87	592	6.80	$ 3,434,372	44.50	$ 152,829,544
		1973	$ 394,454	HW_E3_55	100	592	5.92	$ 2,335,169	43.50	$ 101,579,840
		1974	$ 496,487	HW_E3_55	126	592	4.70	$ 2,332,702	42.50	$ 99,139,823
		1975	$ 81,838	HW_E3_55	143	592	4.14	$ 338,798	41.50	$ 14,060,096
		1976	$ 51,140	HW_E3_55	143	592	4.14	$ 211,713	40.50	$ 8,574,391
		1977	$ 2,318,468	HW_E3_55	149	592	3.97	$ 9,211,631	39.50	$ 363,859,430
		1978	$ 72,956	HW_E3_55	158	592	3.75	$ 273,355	38.50	$ 10,524,167
		1979	$ 20,401	HW_E3_55	174	592	3.40	$ 69,411	37.50	$ 2,602,903
		1980	$ 417,651	HW_E3_55	190	592	3.12	$ 1,301,312	36.50	$ 47,497,895
		1981	$ 8,417	HW_E3_55	210	592	2.82	$ 23,727	35.50	$ 842,321
		1982	$ 137,329	HW_E3_55	223	592	2.65	$ 364,568	34.50	$ 12,577,597
		1983	$ 352,374	HW_E3_55	228	592	2.60	$ 914,937	33.50	$ 30,650,374
		1984	$ 5,237	HW_E3_55	234	592	2.53	$ 13,249	32.50	$ 430,583
		1985	$ 354,615	HW_E3_55	237	592	2.50	$ 885,790	31.50	$ 27,902,393
		1986	$ 128,650	HW_E3_55	243	592	2.44	$ 313,420	30.50	$ 9,559,306
		1987	$ 751,826	HW_E3_55	247	592	2.40	$ 1,801,947	29.50	$ 53,157,429
		1988	$ 239,227	HW_E3_55	267	592	2.22	$ 531,417	28.50	$ 15,145,384
		1989	$ 1,017,000	HW_E3_55	286	592	2.07	$ 2,103,280	27.50	$ 57,840,201
		1990	$ 199,068	HW_E3_55	298	592	1.99	$ 395,463	26.50	$ 10,479,769
		1991	$ 105,494	HW_E3_55	318	592	1.86	$ 196,390	25.50	$ 5,007,957
		1992	$ 1,738,140	HW_E3_55	335	592	1.77	$ 3,076,170	24.50	$ 75,366,173
		1993	$ 563,881	HW_E3_55	342	592	1.73	$ 975,362	23.50	$ 22,920,999
		1994	$ 1,932,868	HW_E3_55	363	592	1.63	$ 3,150,056	22.50	$ 70,876,266
		1995	$ 289,673	HW_E3_55	376	592	1.58	$ 456,384	21.50	$ 9,812,248
		1996	$ 755,816	HW_E3_55	392	592	1.51	$ 1,140,709	20.50	$ 23,384,545
		1997	$ 287,077	HW_E3_55	406	592	1.46	$ 418,337	19.50	$ 8,157,575
		1998	$ 73,324	HW_E3_55	410	592	1.44	$ 105,809	18.50	$ 1,957,459
		1999	$ 591,862	HW_E3_55	403	592	1.47	$ 869,435	17.50	$ 15,215,110
		2000	$ 294,066	HW_E3_55	407	592	1.46	$ 427,995	16.50	$ 7,061,919
		2001	$ 393,263	HW_E3_55	425	592	1.39	$ 548,437	15.50	$ 8,500,774
		2002	$ 496,908	HW_E3_55	437	592	1.36	$ 673,928	14.50	$ 9,771,963
		2003	$ 471,306	HW_E3_55	446	592	1.33	$ 625,941	13.50	$ 8,450,203
		2004	$ 101,200	HW_E3_55	461	592	1.28	$ 130,028	12.50	$ 1,625,354
		2005	$ 151,761	HW_E3_55	491	592	1.21	$ 182,979	11.50	$ 2,104,253
		2006	$ 52,536	HW_E3_55	515	592	1.15	$ 60,450	10.50	$ 634,723
		2007	$ 173,754	HW_E3_55	536	592	1.10	$ 191,897	9.50	$ 1,823,020
		2008	$ 119,893	HW_E3_55	571	592	1.04	$ 124,302	8.50	$ 1,056,568
		2009	$ 302,766	HW_E3_55	588	592	1.01	$ 304,696	7.50	$ 2,285,219
		2010	$ 3,684,108	HW_E3_55	581	592	1.02	$ 3,752,244	6.50	$ 24,389,585
		2011	$ 85,586	HW_E3_55	584	592	1.01	$ 86,722	5.50	$ 476,969
		2012	$ 1,353,250	HW_E3_55	591	592	1.00	$ 1,354,967	4.50	$ 6,097,351
		2013	$ 2,566,499	HW_E3_55	596	592	0.99	$ 2,551,415	3.50	$ 8,929,952
		2014	$ 5,445,590	HW_E3_55	594	592	1.00	$ 5,427,255	0.50	$ 2,713,628
		2015	$ 4,203,450	HW_E3_55	595	592	1.00	$ 4,184,015	1.50	$ 6,276,022
		2016	$ 1,726	HW_E3_55	592	592	1.00	$ 1,726	0.50	$ 863
		Total	**$ 36,316,422**					**$ 83,483,181**	**32.67**	**$ 2,727,083,870**
355.1	Poles & Fixtures-MPP	2007	$ 298,029	HW_E3_55	536	592	1.10	$ 329,148	9.50	$ 3,126,910
		Total	**$ 298,029**					**$ 329,148**	**9.50**	**$ 3,126,910**

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
356	Overhead Conductors & Devic	1932	$ 37,149	HW_E3_56	13	592	45.54	$ 1,691,721	84.50	$ 142,950,391
		1948	$ 65	HW_E3_56	32	592	18.50	$ 1,200	68.50	$ 82,194
		1949	$ 100,523	HW_E3_56	32	592	18.50	$ 1,859,685	67.50	$ 125,528,708
		1950	$ 31,488	HW_E3_56	34	592	17.41	$ 548,262	66.50	$ 36,459,400
		1951	$ 14,047	HW_E3_56	37	592	16.00	$ 224,749	65.50	$ 14,721,046
		1952	$ 145,357	HW_E3_56	38	592	15.58	$ 2,264,507	64.50	$ 146,060,683
		1953	$ 420,395	HW_E3_56	41	592	14.44	$ 6,070,096	63.50	$ 385,451,112
		1956	$ 278,684	HW_E3_56	46	592	12.87	$ 3,586,541	60.50	$ 216,985,723
		1957	$ 15,307	HW_E3_56	49	592	12.08	$ 184,928	59.50	$ 11,003,216
		1958	$ 31,460	HW_E3_56	50	592	11.84	$ 372,489	58.50	$ 21,790,614
		1959	$ 11	HW_E3_56	50	592	11.84	$ 126	57.50	$ 7,223
		1960	$ 1,317	HW_E3_56	52	592	11.38	$ 14,995	56.50	$ 847,244
		1961	$ 173,342	HW_E3_56	53	592	11.17	$ 1,936,193	55.50	$ 107,458,685
		1962	$ 373,999	HW_E3_56	54	592	10.96	$ 4,100,134	54.50	$ 223,457,285
		1963	$ 78,984	HW_E3_56	55	592	10.76	$ 850,157	53.50	$ 45,483,416
		1964	$ 149,416	HW_E3_56	56	592	10.57	$ 1,579,542	52.50	$ 82,925,947
		1965	$ 270,133	HW_E3_56	58	592	10.21	$ 2,757,217	51.50	$ 141,996,672
		1966	$ 3,250	HW_E3_56	60	592	9.87	$ 32,069	50.50	$ 1,619,466
		1967	$ 3,890,669	HW_E3_56	63	592	9.40	$ 36,559,934	49.50	$ 1,809,716,709
		1968	$ 1,532,410	HW_E3_56	65	592	9.11	$ 13,956,722	48.50	$ 676,900,993
		1969	$ 367,836	HW_E3_56	71	592	8.34	$ 3,067,028	47.50	$ 145,683,846
		1970	$ 968,750	HW_E3_56	78	592	7.59	$ 7,352,565	46.50	$ 341,894,291
		1971	$ 1,531,358	HW_E3_56	83	592	7.13	$ 10,922,460	45.50	$ 496,971,942
		1972	$ 2,158,542	HW_E3_56	87	592	6.80	$ 14,688,011	44.50	$ 653,616,496
		1973	$ 525,726	HW_E3_56	100	592	5.92	$ 3,112,296	43.50	$ 135,384,890
		1974	$ 425,466	HW_E3_56	126	592	4.70	$ 1,999,015	42.50	$ 84,958,141
		1975	$ 1,410,706	HW_E3_56	143	592	4.14	$ 5,840,126	41.50	$ 242,365,239
		1976	$ 183,142	HW_E3_56	143	592	4.14	$ 758,184	40.50	$ 30,706,442
		1977	$ 7,448,885	HW_E3_56	149	592	3.97	$ 29,595,570	39.50	$ 1,169,025,005
		1978	$ 265,435	HW_E3_56	158	592	3.75	$ 994,542	38.50	$ 38,289,860
		1979	$ 24,897	HW_E3_56	174	592	3.40	$ 84,707	37.50	$ 3,176,519
		1980	$ 606,128	HW_E3_56	190	592	3.12	$ 1,888,568	36.50	$ 68,932,749
		1981	$ 13,006	HW_E3_56	210	592	2.82	$ 36,665	35.50	$ 1,301,619
		1982	$ 280,140	HW_E3_56	223	592	2.65	$ 743,690	34.50	$ 25,657,315
		1983	$ 3,499,888	HW_E3_56	228	592	2.60	$ 9,087,427	33.50	$ 304,428,811
		1984	$ 3,519	HW_E3_56	234	592	2.53	$ 8,904	32.50	$ 289,370
		1985	$ 957,085	HW_E3_56	237	592	2.50	$ 2,390,693	31.50	$ 75,306,831
		1986	$ 2,438,601	HW_E3_56	243	592	2.44	$ 5,940,954	30.50	$ 181,199,106
		1987	$ 618,126	HW_E3_56	247	592	2.40	$ 1,481,502	29.50	$ 43,704,296
		1988	$ 690,795	HW_E3_56	267	592	2.22	$ 1,534,525	28.50	$ 43,733,956
		1989	$ 443,292	HW_E3_56	286	592	2.07	$ 916,782	27.50	$ 25,211,508
		1990	$ 75,943	HW_E3_56	298	592	1.99	$ 150,867	26.50	$ 3,997,980
		1991	$ 1,165,491	HW_E3_56	318	592	1.86	$ 2,169,718	25.50	$ 55,327,815
		1992	$ 1,511,481	HW_E3_56	335	592	1.77	$ 2,675,027	24.50	$ 65,538,158
		1993	$ 668,092	HW_E3_56	342	592	1.73	$ 1,155,619	23.50	$ 27,157,050
		1994	$ 2,989,697	HW_E3_56	363	592	1.63	$ 4,872,404	22.50	$ 109,629,088
		1995	$ 475,793	HW_E3_56	376	592	1.58	$ 749,619	21.50	$ 16,116,816
		1996	$ 506,624	HW_E3_56	392	592	1.51	$ 764,618	20.50	$ 15,674,675
		1997	$ 305,954	HW_E3_56	406	592	1.46	$ 445,845	19.50	$ 8,693,983
		1998	$ 4,843	HW_E3_56	410	592	1.44	$ 6,988	18.50	$ 129,281
		1999	$ 496,253	HW_E3_56	403	592	1.47	$ 728,987	17.50	$ 12,757,269
		2000	$ 191,315	HW_E3_56	407	592	1.46	$ 278,448	16.50	$ 4,594,389
		2001	$ 255,035	HW_E3_56	425	592	1.39	$ 355,667	15.50	$ 5,512,838
		2002	$ 516,991	HW_E3_56	437	592	1.36	$ 701,165	14.50	$ 10,166,896
		2003	$ 468,941	HW_E3_56	446	592	1.33	$ 622,799	13.50	$ 8,407,792
		2004	$ 111,324	HW_E3_56	461	592	1.28	$ 143,036	12.50	$ 1,787,944
		2005	$ 137,174	HW_E3_56	491	592	1.21	$ 165,391	11.50	$ 1,901,999
		2006	$ 731,721	HW_E3_56	515	592	1.15	$ 841,942	10.50	$ 8,840,388
		2007	$ 121,759	HW_E3_56	536	592	1.10	$ 134,472	9.50	$ 1,277,489
		2008	$ 166,594	HW_E3_56	571	592	1.04	$ 172,721	8.50	$ 1,468,132
		2009	$ 511,812	HW_E3_56	588	592	1.01	$ 515,075	7.50	$ 3,863,061
		2010	$ 2,448,347	HW_E3_56	581	592	1.02	$ 2,493,628	6.50	$ 16,208,585
		2011	$ 26,235	HW_E3_56	584	592	1.01	$ 26,583	5.50	$ 146,207
		2012	$ 1,030,863	HW_E3_56	591	592	1.00	$ 1,032,171	4.50	$ 4,644,769
		2013	$ 765,194	HW_E3_56	596	592	0.99	$ 760,697	3.50	$ 2,662,439
		2014	$ 169,073	HW_E3_56	594	592	1.00	$ 168,504	0.50	$ 84,252
		2015	$ 130,722	HW_E3_56	595	592	1.00	$ 130,118	1.50	$ 195,177
		2016	$ 123,859	HW_E3_56	592	592	1.00	$ 123,859	0.50	$ 61,929
		Total	**$ 48,516,461**					**$ 203,421,449**	**42.72**	**$ 8,690,131,361**
357	Underground Conduit	2012	$ 16	HW_E3_57	568	589	1.04	$ 17	4.50	$ 76
		2013	$ 24	HW_E3_57	574	589	1.03	$ 25	3.50	$ 86

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2014	$ 95	HW_E3_57	591	589	1.00	$ 95	0.50	$ 47
		2015	$ 191	HW_E3_57	593	589	0.99	$ 190	1.50	$ 285
		2016	$ 2	HW_E3_57	589	589	1.00	$ 2	0.50	$ 1
		Total	**$ 329**					**$ 328**	**1.51**	**$ 495**
360	Land	1902	$ 7,302	none	1	1	1.00	$ 7,302	114.50	$ 836,023
		1905	$ 4,035	none	1	1	1.00	$ 4,035	111.50	$ 449,899
		1906	$ 7,687	none	1	1	1.00	$ 7,687	110.50	$ 849,423
		1907	$ 10,828	none	1	1	1.00	$ 10,828	109.50	$ 1,185,622
		1910	$ 1,312	none	1	1	1.00	$ 1,312	106.50	$ 139,676
		1913	$ 1,434	none	1	1	1.00	$ 1,434	103.50	$ 148,400
		1916	$ 40	none	1	1	1.00	$ 40	100.50	$ 4,020
		1918	$ 2	none	1	1	1.00	$ 2	98.50	$ 148
		1919	$ 2	none	1	1	1.00	$ 2	97.50	$ 195
		1920	$ 18,246	none	1	1	1.00	$ 18,246	96.50	$ 1,760,716
		1921	$ 8,913	none	1	1	1.00	$ 8,913	95.50	$ 851,161
		1922	$ 2,709	none	1	1	1.00	$ 2,709	94.50	$ 256,031
		1923	$ 418	none	1	1	1.00	$ 418	93.50	$ 39,086
		1924	$ 5,165	none	1	1	1.00	$ 5,165	92.50	$ 477,762
		1925	$ 8,050	none	1	1	1.00	$ 8,050	91.50	$ 736,575
		1926	$ 165	none	1	1	1.00	$ 165	90.50	$ 14,933
		1927	$ 11,385	none	1	1	1.00	$ 11,385	89.50	$ 1,018,922
		1928	$ 73	none	1	1	1.00	$ 73	88.50	$ 6,416
		1929	$ 9	none	1	1	1.00	$ 9	87.50	$ 744
		1930	$ 46,599	none	1	1	1.00	$ 46,599	86.50	$ 4,030,846
		1931	$ 25,816	none	1	1	1.00	$ 25,816	85.50	$ 2,207,305
		1932	$ 7,418	none	1	1	1.00	$ 7,418	84.50	$ 626,803
		1933	$ 86	none	1	1	1.00	$ 86	83.50	$ 7,166
		1934	$ 1,167	none	1	1	1.00	$ 1,167	82.50	$ 96,264
		1935	$ 834	none	1	1	1.00	$ 834	81.50	$ 67,935
		1936	$ 108	none	1	1	1.00	$ 108	80.50	$ 8,662
		1937	$ 21,597	none	1	1	1.00	$ 21,597	79.50	$ 1,716,945
		1938	$ 39	none	1	1	1.00	$ 39	78.50	$ 3,022
		1939	$ 2,968	none	1	1	1.00	$ 2,968	77.50	$ 230,032
		1940	$ 2,473	none	1	1	1.00	$ 2,473	76.50	$ 189,164
		1941	$ 1,254	none	1	1	1.00	$ 1,254	75.50	$ 94,712
		1942	$ 3,077	none	1	1	1.00	$ 3,077	74.50	$ 229,213
		1943	$ 373	none	1	1	1.00	$ 373	73.50	$ 27,438
		1944	$ 319	none	1	1	1.00	$ 319	72.50	$ 23,122
		1945	$ 313	none	1	1	1.00	$ 313	71.50	$ 22,344
		1946	$ 17,368	none	1	1	1.00	$ 17,368	70.50	$ 1,224,440
		1947	$ 6,179	none	1	1	1.00	$ 6,179	69.50	$ 429,447
		1948	$ 14,609	none	1	1	1.00	$ 14,609	68.50	$ 1,000,686
		1949	$ 7,678	none	1	1	1.00	$ 7,678	67.50	$ 518,269
		1950	$ 46,525	none	1	1	1.00	$ 46,525	66.50	$ 3,093,929
		1951	$ 7,768	none	1	1	1.00	$ 7,768	65.50	$ 508,771
		1952	$ 2,426	none	1	1	1.00	$ 2,426	64.50	$ 156,464
		1953	$ 11,484	none	1	1	1.00	$ 11,484	63.50	$ 729,249
		1954	$ 6,759	none	1	1	1.00	$ 6,759	62.50	$ 422,457
		1955	$ 5,888	none	1	1	1.00	$ 5,888	61.50	$ 362,134
		1956	$ 671	none	1	1	1.00	$ 671	60.50	$ 40,587
		1957	$ 6,685	none	1	1	1.00	$ 6,685	59.50	$ 397,732
		1958	$ 15,456	none	1	1	1.00	$ 15,456	58.50	$ 904,151
		1959	$ 75,693	none	1	1	1.00	$ 75,693	57.50	$ 4,352,360
		1960	$ 30,088	none	1	1	1.00	$ 30,088	56.50	$ 1,699,997
		1961	$ 1,100	none	1	1	1.00	$ 1,100	55.50	$ 61,045
		1962	$ 63,863	none	1	1	1.00	$ 63,863	54.50	$ 3,480,555
		1963	$ 43,367	none	1	1	1.00	$ 43,367	53.50	$ 2,320,132
		1964	$ 40,911	none	1	1	1.00	$ 40,911	52.50	$ 2,147,845
		1965	$ 2,288	none	1	1	1.00	$ 2,288	51.50	$ 117,816
		1966	$ 50,584	none	1	1	1.00	$ 50,584	50.50	$ 2,554,516
		1967	$ 51,278	none	1	1	1.00	$ 51,278	49.50	$ 2,538,243
		1968	$ 452,822	none	1	1	1.00	$ 452,822	48.50	$ 21,961,846
		1969	$ 486,005	none	1	1	1.00	$ 486,005	47.50	$ 23,085,215
		1970	$ 178,600	none	1	1	1.00	$ 178,600	46.50	$ 8,304,882
		1971	$ 79,351	none	1	1	1.00	$ 79,351	45.50	$ 3,610,450
		1972	$ 133,425	none	1	1	1.00	$ 133,425	44.50	$ 5,937,421
		1973	$ 5,049	none	1	1	1.00	$ 5,049	43.50	$ 219,643
		1974	$ 5,723	none	1	1	1.00	$ 5,723	42.50	$ 243,227
		1975	$ 132,779	none	1	1	1.00	$ 132,779	41.50	$ 5,510,309
		1976	$ 120,787	none	1	1	1.00	$ 120,787	40.50	$ 4,891,888
		1977	$ 4,474	none	1	1	1.00	$ 4,474	39.50	$ 176,723

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1978	$ 887	none	1	1	1.00	$ 887	38.50	$ 34,150
		1979	$ 748	none	1	1	1.00	$ 748	37.50	$ 28,050
		1980	$ 3,305	none	1	1	1.00	$ 3,305	36.50	$ 120,637
		1981	$ 113,676	none	1	1	1.00	$ 113,676	35.50	$ 4,035,488
		1982	$ 31,041	none	1	1	1.00	$ 31,041	34.50	$ 1,070,910
		1983	$ 174,051	none	1	1	1.00	$ 174,051	33.50	$ 5,830,694
		1984	$ 3,255	none	1	1	1.00	$ 3,255	32.50	$ 105,788
		1985	$ 8,442	none	1	1	1.00	$ 8,442	31.50	$ 265,909
		1986	$ 2,995	none	1	1	1.00	$ 2,995	30.50	$ 91,359
		1987	$ 2,042	none	1	1	1.00	$ 2,042	29.50	$ 60,239
		1988	$ 28,359	none	1	1	1.00	$ 28,359	28.50	$ 808,222
		1989	$ 1,422	none	1	1	1.00	$ 1,422	27.50	$ 39,105
		1990	$ 17,494	none	1	1	1.00	$ 17,494	26.50	$ 463,585
		1991	$ 381,459	none	1	1	1.00	$ 381,459	25.50	$ 9,727,205
		1992	$ 122,952	none	1	1	1.00	$ 122,952	24.50	$ 3,012,315
		1993	$ 4,834	none	1	1	1.00	$ 4,834	23.50	$ 113,599
		1994	$ 48,070	none	1	1	1.00	$ 48,070	22.50	$ 1,081,582
		1995	$ 15,467	none	1	1	1.00	$ 15,467	21.50	$ 332,534
		1996	$ 1,710	none	1	1	1.00	$ 1,710	20.50	$ 35,055
		1997	$ 1,471	none	1	1	1.00	$ 1,471	19.50	$ 28,685
		1998	$ 496,383	none	1	1	1.00	$ 496,383	18.50	$ 9,183,078
		2000	$ 97,663	none	1	1	1.00	$ 97,663	16.50	$ 1,611,444
		2001	$ 110,707	none	1	1	1.00	$ 110,707	15.50	$ 1,715,957
		2002	$ 5,510	none	1	1	1.00	$ 5,510	14.50	$ 79,888
		2004	$ 1,447	none	1	1	1.00	$ 1,447	12.50	$ 18,089
		2005	$ 3,386	none	1	1	1.00	$ 3,386	11.50	$ 38,934
		2006	$ 1,635	none	1	1	1.00	$ 1,635	10.50	$ 17,168
		2007	$ 1,631	none	1	1	1.00	$ 1,631	9.50	$ 15,498
		2008	$ 13	none	1	1	1.00	$ 13	8.50	$ 113
		2011	$ 4,887	none	1	1	1.00	$ 4,887	5.50	$ 26,879
		2013	$ 5,525	none	1	1	1.00	$ 5,525	3.50	$ 19,336
		Total	**$ 4,002,357**					**$ 4,002,357**	**40.32**	**$ 161,370,644**
361	Strcutures & Improvements	1914	$ 20,450	HW_B3_4	8	524	65.50	$ 1,339,466	102.50	$ 137,295,315
		1915	$ 2,654	HW_B3_4	8	524	65.50	$ 173,838	101.50	$ 17,644,522
		1918	$ 180	HW_B3_4	26	524	20.15	$ 3,626	98.50	$ 357,189
		1921	$ 108	HW_B3_4	15	524	34.93	$ 3,761	95.50	$ 359,201
		1923	$ 4,119	HW_B3_4	19	524	27.58	$ 113,610	93.50	$ 10,622,518
		1924	$ 13	HW_B3_4	18	524	29.11	$ 375	92.50	$ 34,710
		1925	$ 33,417	HW_B3_4	17	524	30.82	$ 1,030,020	91.50	$ 94,246,860
		1927	$ 14,241	HW_B3_4	15	524	34.93	$ 497,502	89.50	$ 44,526,462
		1928	$ 10,756	HW_B3_4	15	524	34.93	$ 375,742	88.50	$ 33,253,157
		1929	$ 6,068	HW_B3_4	16	524	32.75	$ 198,742	87.50	$ 17,389,931
		1931	$ 8,769	HW_B3_4	13	524	40.31	$ 353,466	85.50	$ 30,221,361
		1932	$ 80,806	HW_B3_4	12	524	43.67	$ 3,528,521	84.50	$ 298,160,045
		1935	$ 38	HW_B3_4	14	524	37.43	$ 1,437	81.50	$ 117,075
		1937	$ 40	HW_B3_4	16	524	32.75	$ 1,317	79.50	$ 104,666
		1938	$ 2,097	HW_B3_4	15	524	34.93	$ 73,272	78.50	$ 5,751,822
		1939	$ 2,230	HW_B3_4	15	524	34.93	$ 77,915	77.50	$ 6,038,409
		1940	$ 250	HW_B3_4	15	524	34.93	$ 8,732	76.50	$ 667,993
		1941	$ 6,702	HW_B3_4	18	524	29.11	$ 195,090	75.50	$ 14,729,306
		1942	$ 921	HW_B3_4	20	524	26.20	$ 24,126	74.50	$ 1,797,368
		1943	$ 2,025	HW_B3_4	20	524	26.20	$ 53,045	73.50	$ 3,898,830
		1944	$ 463	HW_B3_4	20	524	26.20	$ 12,124	72.50	$ 878,956
		1945	$ 1,101	HW_B3_4	20	524	26.20	$ 28,840	71.50	$ 2,062,035
		1946	$ 1,561	HW_B3_4	24	524	21.83	$ 34,072	70.50	$ 2,402,077
		1947	$ 1,905	HW_B3_4	29	524	18.07	$ 34,416	69.50	$ 2,391,922
		1948	$ 5,295	HW_B3_4	36	524	14.56	$ 77,069	68.50	$ 5,279,250
		1949	$ 27,409	HW_B3_4	38	524	13.79	$ 377,962	67.50	$ 25,512,428
		1950	$ 4,108	HW_B3_4	40	524	13.10	$ 53,819	66.50	$ 3,578,963
		1951	$ 43,936	HW_B3_4	41	524	12.78	$ 561,525	65.50	$ 36,779,874
		1952	$ 62,845	HW_B3_4	42	524	12.48	$ 784,072	64.50	$ 50,572,648
		1953	$ 70,156	HW_B3_4	46	524	11.39	$ 799,172	63.50	$ 50,747,422
		1954	$ 5,169	HW_B3_4	46	524	11.39	$ 58,883	62.50	$ 3,680,167
		1955	$ 2,971	HW_B3_4	49	524	10.69	$ 31,772	61.50	$ 1,954,007
		1956	$ 25,675	HW_B3_4	58	524	9.03	$ 231,962	60.50	$ 14,033,694
		1957	$ 9,625	HW_B3_4	64	524	8.19	$ 78,803	59.50	$ 4,688,796
		1958	$ 35,706	HW_B3_4	65	524	8.06	$ 287,844	58.50	$ 16,838,898
		1959	$ 20,088	HW_B3_4	66	524	7.94	$ 159,488	57.50	$ 9,170,563
		1960	$ 37,516	HW_B3_4	64	524	8.19	$ 307,161	56.50	$ 17,354,612
		1961	$ 3,185	HW_B3_4	60	524	8.73	$ 27,817	55.50	$ 1,543,862
		1962	$ 51,484	HW_B3_4	60	524	8.73	$ 449,626	54.50	$ 24,504,625

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1963	$ 10,142	HW_B3_4	61	524	8.59	$ 87,125	53.50	$ 4,661,190
		1964	$ 31,699	HW_B3_4	61	524	8.59	$ 272,303	52.50	$ 14,295,932
		1965	$ 81,863	HW_B3_4	62	524	8.45	$ 691,877	51.50	$ 35,631,648
		1966	$ 63,775	HW_B3_4	63	524	8.32	$ 530,448	50.50	$ 26,787,609
		1967	$ 43,302	HW_B3_4	64	524	8.19	$ 354,532	49.50	$ 17,549,318
		1968	$ 179,155	HW_B3_4	68	524	7.71	$ 1,380,546	48.50	$ 66,956,468
		1969	$ 262,098	HW_B3_4	72	524	7.28	$ 1,907,494	47.50	$ 90,605,988
		1970	$ 114,499	HW_B3_4	76	524	6.89	$ 789,443	46.50	$ 36,709,113
		1971	$ 431,550	HW_B3_4	83	524	6.31	$ 2,724,482	45.50	$ 123,963,931
		1972	$ 145,967	HW_B3_4	89	524	5.89	$ 859,401	44.50	$ 38,243,341
		1973	$ 245,212	HW_B3_4	100	524	5.24	$ 1,284,910	43.50	$ 55,893,578
		1974	$ 35,832	HW_B3_4	140	524	3.75	$ 134,355	42.50	$ 5,710,090
		1975	$ 209,502	HW_B3_4	161	524	3.25	$ 680,799	41.50	$ 28,253,176
		1976	$ 307,386	HW_B3_4	152	524	3.45	$ 1,059,672	40.50	$ 42,916,713
		1977	$ 464,002	HW_B3_4	153	524	3.42	$ 1,586,537	39.50	$ 62,668,219
		1978	$ 12,898	HW_B3_4	169	524	3.10	$ 39,934	38.50	$ 1,537,444
		1979	$ 309,338	HW_B3_4	194	524	2.71	$ 837,690	37.50	$ 31,413,379
		1980	$ 296,250	HW_B3_4	225	524	2.33	$ 691,470	36.50	$ 25,238,648
		1981	$ 38,977	HW_B3_4	226	524	2.32	$ 90,272	35.50	$ 3,204,661
		1982	$ 212,075	HW_B3_4	202	524	2.60	$ 551,501	34.50	$ 19,026,794
		1983	$ 244,788	HW_B3_4	200	524	2.62	$ 640,544	33.50	$ 21,458,231
		1984	$ 27,601	HW_B3_4	222	524	2.36	$ 65,075	32.50	$ 2,114,931
		1985	$ 114,534	HW_B3_4	236	524	2.22	$ 254,036	31.50	$ 8,002,135
		1986	$ 46,669	HW_B3_4	244	524	2.15	$ 100,223	30.50	$ 3,056,807
		1987	$ 223,613	HW_B3_4	251	524	2.09	$ 466,362	29.50	$ 13,757,676
		1988	$ 229,187	HW_B3_4	268	524	1.96	$ 448,531	28.50	$ 12,783,121
		1989	$ 42,310	HW_B3_4	279	524	1.88	$ 79,535	27.50	$ 2,187,213
		1990	$ 390,625	HW_B3_4	278	524	1.88	$ 736,285	26.50	$ 19,511,554
		1991	$ 251,335	HW_B3_4	251	524	2.09	$ 524,178	25.50	$ 13,366,540
		1992	$ 627,773	HW_B3_4	249	524	2.10	$ 1,321,096	24.50	$ 32,366,860
		1993	$ 270,816	HW_B3_4	267	524	1.96	$ 531,489	23.50	$ 12,489,992
		1994	$ 326,451	HW_B3_4	293	524	1.79	$ 583,326	22.50	$ 13,124,838
		1995	$ 97,156	HW_B3_4	306	524	1.72	$ 166,644	21.50	$ 3,582,855
		1996	$ 141,397	HW_B3_4	306	524	1.72	$ 242,527	20.50	$ 4,971,798
		1997	$ 2,165	HW_B3_4	319	524	1.64	$ 3,557	19.50	$ 69,364
		1998	$ 10,975	HW_B3_4	324	524	1.62	$ 17,776	18.50	$ 328,863
		1999	$ 673,649	HW_B3_4	332	524	1.58	$ 1,064,030	17.50	$ 18,620,522
		2000	$ 330,127	HW_B3_4	350	524	1.50	$ 493,894	16.50	$ 8,149,248
		2001	$ 183,819	HW_B3_4	362	524	1.45	$ 266,264	15.50	$ 4,127,093
		2002	$ 101,960	HW_B3_4	363	524	1.44	$ 147,080	14.50	$ 2,132,664
		2003	$ 749,756	HW_B3_4	374	524	1.40	$ 1,049,759	13.50	$ 14,171,744
		2004	$ 45,967	HW_B3_4	422	524	1.24	$ 57,145	12.50	$ 714,318
		2005	$ 35,791	HW_B3_4	438	524	1.20	$ 42,794	11.50	$ 492,136
		2006	$ 39,174	HW_B3_4	457	524	1.15	$ 44,892	10.50	$ 471,369
		2007	$ 70,551	HW_B3_4	511	524	1.03	$ 72,415	9.50	$ 687,942
		2008	$ 213,363	HW_B3_4	541	524	0.97	$ 206,754	8.50	$ 1,757,413
		2009	$ 74,254	HW_B3_4	502	524	1.04	$ 77,585	7.50	$ 581,888
		2010	$ 823,231	HW_B3_4	493	524	1.06	$ 875,440	6.50	$ 5,690,362
		2011	$ 31,563	HW_B3_4	513	524	1.02	$ 32,255	5.50	$ 177,405
		2012	$ 68,697	HW_B3_4	524	524	1.00	$ 68,697	4.50	$ 309,136
		2013	$ 110,186	HW_B3_4	531	524	0.99	$ 108,784	3.50	$ 380,746
		2014	$ 407,648	HW_B3_4	539	524	0.97	$ 396,120	0.50	$ 198,060
		2015	$ 27,042	HW_B3_4	532	524	0.99	$ 26,648	1.50	$ 39,972
		2016	$ 9,090	HW_B3_4	524	524	1.00	$ 9,090	0.50	$ 4,545
		Total	**$ 11,144,870**					**$ 40,225,657**	**48.34**	**$ 1,944,338,118**
362	Station Equipment	1916	$ 98	HW_E3_62	18	696	38.67	$ 3,789	100.50	$ 380,828
		1919	$ 141	HW_E3_62	27	696	25.78	$ 3,643	97.50	$ 355,235
		1920	$ 574	HW_E3_62	31	696	22.45	$ 12,879	96.50	$ 1,242,816
		1921	$ 2,893	HW_E3_62	31	696	22.45	$ 64,961	95.50	$ 6,203,759
		1923	$ 6,050	HW_E3_62	30	696	23.20	$ 140,371	93.50	$ 13,124,701
		1924	$ 31,903	HW_E3_62	32	696	21.75	$ 693,890	92.50	$ 64,184,868
		1925	$ 21	HW_E3_62	32	696	21.75	$ 448	91.50	$ 40,977
		1926	$ 3	HW_E3_62	30	696	23.20	$ 64	90.50	$ 5,774
		1927	$ 11,597	HW_E3_62	30	696	23.20	$ 269,059	89.50	$ 24,080,800
		1928	$ 3,295	HW_E3_62	30	696	23.20	$ 76,446	88.50	$ 6,765,479
		1929	$ 711	HW_E3_62	31	696	22.45	$ 15,953	87.50	$ 1,395,907
		1930	$ 71	HW_E3_62	31	696	22.45	$ 1,599	86.50	$ 138,275
		1931	$ 12,492	HW_E3_62	32	696	21.75	$ 271,698	85.50	$ 23,230,138
		1932	$ 88,264	HW_E3_62	30	696	23.20	$ 2,047,727	84.50	$ 173,032,942
		1933	$ 204	HW_E3_62	30	696	23.20	$ 4,733	83.50	$ 395,189
		1935	$ 2,346	HW_E3_62	33	696	21.09	$ 49,470	81.50	$ 4,031,804

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1936	$ 2,119	HW_E3_62	33	696	21.09	$ 44,695	80.50	$ 3,597,965
		1937	$ 3,583	HW_E3_62	35	696	19.89	$ 71,256	79.50	$ 5,664,890
		1938	$ 30,282	HW_E3_62	36	696	19.33	$ 585,459	78.50	$ 45,958,513
		1939	$ 1,936	HW_E3_62	36	696	19.33	$ 37,423	77.50	$ 2,900,279
		1940	$ 3,255	HW_E3_62	36	696	19.33	$ 62,939	76.50	$ 4,814,870
		1941	$ 80,243	HW_E3_62	37	696	18.81	$ 1,509,444	75.50	$ 113,963,021
		1942	$ 2,488	HW_E3_62	37	696	18.81	$ 46,803	74.50	$ 3,486,809
		1943	$ 28,676	HW_E3_62	37	696	18.81	$ 539,414	73.50	$ 39,646,923
		1944	$ 748	HW_E3_62	35	696	19.89	$ 14,878	72.50	$ 1,078,647
		1945	$ 30,014	HW_E3_62	36	696	19.33	$ 580,272	71.50	$ 41,489,477
		1946	$ 2,747	HW_E3_62	40	696	17.40	$ 47,797	70.50	$ 3,369,720
		1947	$ 16,009	HW_E3_62	45	696	15.47	$ 247,609	69.50	$ 17,208,855
		1948	$ 221,087	HW_E3_62	47	696	14.81	$ 3,273,962	68.50	$ 224,266,382
		1949	$ 661,412	HW_E3_62	49	696	14.20	$ 9,394,750	67.50	$ 634,145,618
		1950	$ 310,695	HW_E3_62	52	696	13.38	$ 4,158,530	66.50	$ 276,542,272
		1951	$ 355,744	HW_E3_62	57	696	12.21	$ 4,343,818	65.50	$ 284,520,075
		1952	$ 598,651	HW_E3_62	59	696	11.80	$ 7,062,049	64.50	$ 455,502,141
		1953	$ 216,831	HW_E3_62	62	696	11.23	$ 2,434,103	63.50	$ 154,565,530
		1954	$ 408,397	HW_E3_62	64	696	10.88	$ 4,441,314	62.50	$ 277,582,105
		1955	$ 604,031	HW_E3_62	66	696	10.55	$ 6,369,780	61.50	$ 391,741,462
		1956	$ 317,790	HW_E3_62	72	696	9.67	$ 3,071,970	60.50	$ 185,854,208
		1957	$ 389,062	HW_E3_62	76	696	9.16	$ 3,562,992	59.50	$ 211,998,016
		1958	$ 847,003	HW_E3_62	78	696	8.92	$ 7,557,872	58.50	$ 442,135,524
		1959	$ 593,114	HW_E3_62	79	696	8.81	$ 5,225,407	57.50	$ 300,460,915
		1960	$ 579,909	HW_E3_62	77	696	9.04	$ 5,241,777	56.50	$ 296,160,422
		1961	$ 38,141	HW_E3_62	71	696	9.80	$ 373,885	55.50	$ 20,750,597
		1962	$ 272,496	HW_E3_62	72	696	9.67	$ 2,634,131	54.50	$ 143,560,124
		1963	$ 155,080	HW_E3_62	70	696	9.94	$ 1,541,934	53.50	$ 82,493,480
		1964	$ 143,179	HW_E3_62	72	696	9.67	$ 1,384,066	52.50	$ 72,663,474
		1965	$ 523,367	HW_E3_62	73	696	9.53	$ 4,989,912	51.50	$ 256,980,470
		1966	$ 918,135	HW_E3_62	75	696	9.28	$ 8,520,292	50.50	$ 430,274,754
		1967	$ 679,835	HW_E3_62	78	696	8.92	$ 6,066,220	49.50	$ 300,277,908
		1968	$ 2,211,513	HW_E3_62	81	696	8.59	$ 19,002,628	48.50	$ 921,627,474
		1969	$ 998,203	HW_E3_62	87	696	8.00	$ 7,985,623	47.50	$ 379,317,083
		1970	$ 1,352,109	HW_E3_62	91	696	7.65	$ 10,341,402	46.50	$ 480,875,188
		1971	$ 3,691,978	HW_E3_62	92	696	7.57	$ 27,930,613	45.50	$ 1,270,842,874
		1972	$ 2,394,010	HW_E3_62	94	696	7.40	$ 17,725,861	44.50	$ 788,800,820
		1973	$ 2,085,720	HW_E3_62	100	696	6.96	$ 14,516,610	43.50	$ 631,472,545
		1974	$ 1,753,655	HW_E3_62	122	696	5.70	$ 10,004,459	42.50	$ 425,189,498
		1975	$ 1,100,247	HW_E3_62	141	696	4.94	$ 5,431,007	41.50	$ 225,386,785
		1976	$ 2,265,106	HW_E3_62	145	696	4.80	$ 10,872,509	40.50	$ 440,336,612
		1977	$ 3,329,071	HW_E3_62	160	696	4.35	$ 14,481,459	39.50	$ 572,017,619
		1978	$ 994,668	HW_E3_62	171	696	4.07	$ 4,048,473	38.50	$ 155,866,210
		1979	$ 3,324,983	HW_E3_62	181	696	3.85	$ 12,785,570	37.50	$ 479,458,870
		1980	$ 3,463,236	HW_E3_62	195	696	3.57	$ 12,361,087	36.50	$ 451,179,692
		1981	$ 964,395	HW_E3_62	213	696	3.27	$ 3,151,263	35.50	$ 111,869,850
		1982	$ 993,719	HW_E3_62	234	696	2.97	$ 2,955,677	34.50	$ 101,970,843
		1983	$ 2,964,506	HW_E3_62	236	696	2.95	$ 8,742,781	33.50	$ 292,883,180
		1984	$ 1,098,029	HW_E3_62	235	696	2.96	$ 3,252,034	32.50	$ 105,691,109
		1985	$ 1,171,666	HW_E3_62	239	696	2.91	$ 3,412,049	31.50	$ 107,479,544
		1986	$ 1,207,564	HW_E3_62	242	696	2.88	$ 3,472,993	30.50	$ 105,926,297
		1987	$ 4,628,389	HW_E3_62	250	696	2.78	$ 12,885,434	29.50	$ 380,120,312
		1988	$ 2,476,702	HW_E3_62	275	696	2.54	$ 6,279,725	28.50	$ 178,972,152
		1989	$ 562,252	HW_E3_62	299	696	2.33	$ 1,308,787	27.50	$ 35,991,636
		1990	$ 3,079,173	HW_E3_62	320	696	2.17	$ 6,691,973	26.50	$ 177,337,280
		1991	$ 5,734,544	HW_E3_62	322	696	2.16	$ 12,404,795	25.50	$ 316,322,263
		1992	$ 8,490,036	HW_E3_62	322	696	2.16	$ 18,351,134	24.50	$ 449,602,781
		1993	$ 4,751,720	HW_E3_62	325	696	2.14	$ 10,168,169	23.50	$ 238,951,974
		1994	$ 10,143,093	HW_E3_62	336	696	2.07	$ 20,995,071	22.50	$ 472,389,095
		1995	$ 2,876,365	HW_E3_62	355	696	1.96	$ 5,647,250	21.50	$ 121,415,882
		1996	$ 4,153,258	HW_E3_62	353	696	1.97	$ 8,200,475	20.50	$ 168,109,734
		1997	$ 445,004	HW_E3_62	359	696	1.94	$ 863,338	19.50	$ 16,835,090
		1998	$ 145,938	HW_E3_62	373	696	1.86	$ 272,132	18.50	$ 5,034,438
		1999	$ 9,266,931	HW_E3_62	377	696	1.85	$ 17,130,900	17.50	$ 299,790,741
		2000	$ 7,159,221	HW_E3_62	380	696	1.83	$ 13,104,057	16.50	$ 216,216,938
		2001	$ 1,740,534	HW_E3_62	386	696	1.80	$ 3,136,340	15.50	$ 48,613,273
		2002	$ 2,010,794	HW_E3_62	385	696	1.81	$ 3,632,739	14.50	$ 52,674,721
		2003	$ 6,797,707	HW_E3_62	388	696	1.80	$ 12,209,559	13.50	$ 164,829,044
		2004	$ 2,939,898	HW_E3_62	433	696	1.61	$ 4,731,026	12.50	$ 59,137,826
		2005	$ 2,964,935	HW_E3_62	469	696	1.48	$ 4,397,644	11.50	$ 50,572,906
		2006	$ 1,505,476	HW_E3_62	509	696	1.37	$ 2,059,579	10.50	$ 21,625,583

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2007	$ 1,488,234	HW_E3_62	555	696	1.25	$ 1,867,162	9.50	$ 17,738,041
		2008	$ 8,029,544	HW_E3_62	592	696	1.18	$ 9,436,155	8.50	$ 80,207,319
		2009	$ 1,846,403	HW_E3_62	613	696	1.14	$ 2,097,261	7.50	$ 15,729,457
		2010	$ 8,093,070	HW_E3_62	639	696	1.09	$ 8,814,988	6.50	$ 57,297,419
		2011	$ 1,327,391	HW_E3_62	662	696	1.05	$ 1,396,620	5.50	$ 7,681,411
		2012	$ 4,971,124	HW_E3_62	676	696	1.03	$ 5,121,987	4.50	$ 23,048,940
		2013	$ 3,655,094	HW_E3_62	685	696	1.02	$ 3,716,501	3.50	$ 13,007,754
		2014	$ 2,626,428	HW_E3_62	697	696	1.00	$ 2,622,660	0.50	$ 1,311,330
		2015	$ 2,977,298	HW_E3_62	699	696	1.00	$ 2,965,581	1.50	$ 4,448,372
		2016	$ 95,194	HW_E3_62	696	696	1.00	$ 95,194	0.50	$ 47,597
		Total	**$ 163,542,846**					**$ 494,171,818**	**35.99**	**$ 17,787,518,338**
364	Poles, Towers & Fixtures	1942	$ 106,161	HW_E3_64	18	570	31.67	$ 3,361,780	74.50	$ 250,452,601
		1943	$ 884	HW_E3_64	19	570	30.00	$ 26,535	73.50	$ 1,950,300
		1944	$ 470	HW_E3_64	21	570	27.14	$ 12,762	72.50	$ 925,267
		1945	$ 4,791	HW_E3_64	23	570	24.78	$ 118,735	71.50	$ 8,489,532
		1946	$ 12,787	HW_E3_64	24	570	23.75	$ 303,696	70.50	$ 21,410,585
		1947	$ 10,707	HW_E3_64	29	570	19.66	$ 210,440	69.50	$ 14,625,557
		1948	$ 16,800	HW_E3_64	32	570	17.81	$ 299,243	68.50	$ 20,498,125
		1949	$ 24,146	HW_E3_64	32	570	17.81	$ 430,092	67.50	$ 29,031,227
		1950	$ 44,015	HW_E3_64	34	570	16.76	$ 737,900	66.50	$ 49,070,353
		1951	$ 47,917	HW_E3_64	36	570	15.83	$ 758,687	65.50	$ 49,694,015
		1952	$ 103,691	HW_E3_64	38	570	15.00	$ 1,555,370	64.50	$ 100,321,352
		1953	$ 159,912	HW_E3_64	40	570	14.25	$ 2,278,746	63.50	$ 144,700,389
		1954	$ 146,330	HW_E3_64	41	570	13.90	$ 2,034,338	62.50	$ 127,146,120
		1955	$ 292,225	HW_E3_64	42	570	13.57	$ 3,965,910	61.50	$ 243,903,442
		1956	$ 141,838	HW_E3_64	45	570	12.67	$ 1,796,619	60.50	$ 108,695,471
		1957	$ 296,793	HW_E3_64	48	570	11.88	$ 3,524,421	59.50	$ 209,703,023
		1958	$ 166,685	HW_E3_64	49	570	11.63	$ 1,938,991	58.50	$ 113,430,966
		1959	$ 413,556	HW_E3_64	49	570	11.63	$ 4,810,759	57.50	$ 276,618,619
		1960	$ 311,850	HW_E3_64	51	570	11.18	$ 3,485,378	56.50	$ 196,923,844
		1961	$ 349,624	HW_E3_64	52	570	10.96	$ 3,832,411	55.50	$ 212,698,835
		1962	$ 564,818	HW_E3_64	53	570	10.75	$ 6,074,461	54.50	$ 331,058,134
		1963	$ 165,186	HW_E3_64	54	570	10.56	$ 1,743,633	53.50	$ 93,284,369
		1964	$ 376,738	HW_E3_64	55	570	10.36	$ 3,904,378	52.50	$ 204,979,824
		1965	$ 312,340	HW_E3_64	57	570	10.00	$ 3,123,401	51.50	$ 160,855,146
		1966	$ 389,418	HW_E3_64	59	570	9.66	$ 3,762,170	50.50	$ 189,989,577
		1967	$ 131,155	HW_E3_64	61	570	9.34	$ 1,225,550	49.50	$ 60,664,711
		1968	$ 313,996	HW_E3_64	64	570	8.91	$ 2,796,526	48.50	$ 135,631,523
		1969	$ 548,335	HW_E3_64	70	570	8.14	$ 4,465,015	47.50	$ 212,088,214
		1970	$ 733,166	HW_E3_64	78	570	7.31	$ 5,357,749	46.50	$ 249,135,341
		1971	$ 633,860	HW_E3_64	84	570	6.79	$ 4,301,196	45.50	$ 195,704,405
		1972	$ 926,671	HW_E3_64	89	570	6.40	$ 5,934,860	44.50	$ 264,101,264
		1973	$ 1,040,740	HW_E3_64	100	570	5.70	$ 5,932,218	43.50	$ 258,051,485
		1974	$ 1,530,072	HW_E3_64	124	570	4.60	$ 7,033,398	42.50	$ 298,919,402
		1975	$ 1,503,980	HW_E3_64	142	570	4.01	$ 6,037,102	41.50	$ 250,539,739
		1976	$ 1,140,754	HW_E3_64	142	570	4.01	$ 4,579,082	40.50	$ 185,452,832
		1977	$ 1,534,595	HW_E3_64	150	570	3.80	$ 5,831,462	39.50	$ 230,342,767
		1978	$ 1,236,782	HW_E3_64	161	570	3.54	$ 4,378,669	38.50	$ 168,578,738
		1979	$ 1,649,475	HW_E3_64	181	570	3.15	$ 5,194,478	37.50	$ 194,792,929
		1980	$ 1,691,949	HW_E3_64	197	570	2.89	$ 4,895,487	36.50	$ 178,685,277
		1981	$ 2,076,225	HW_E3_64	216	570	2.64	$ 5,478,928	35.50	$ 194,501,927
		1982	$ 1,947,417	HW_E3_64	228	570	2.50	$ 4,868,543	34.50	$ 167,964,729
		1983	$ 2,430,537	HW_E3_64	232	570	2.46	$ 5,971,577	33.50	$ 200,047,838
		1984	$ 2,046,968	HW_E3_64	236	570	2.42	$ 4,943,948	32.50	$ 160,678,317
		1985	$ 2,291,318	HW_E3_64	240	570	2.38	$ 5,441,881	31.50	$ 171,419,245
		1986	$ 2,510,560	HW_E3_64	245	570	2.33	$ 5,840,896	30.50	$ 178,147,317
		1987	$ 2,774,144	HW_E3_64	248	570	2.30	$ 6,376,056	29.50	$ 188,093,646
		1988	$ 2,371,905	HW_E3_64	257	570	2.22	$ 5,270,899	28.50	$ 150,220,618
		1989	$ 2,375,792	HW_E3_64	265	570	2.15	$ 5,105,378	27.50	$ 140,397,907
		1990	$ 2,778,858	HW_E3_64	275	570	2.07	$ 5,754,584	26.50	$ 152,496,477
		1991	$ 1,817,498	HW_E3_64	286	570	1.99	$ 3,619,122	25.50	$ 92,287,609
		1992	$ 2,321,502	HW_E3_64	301	570	1.89	$ 4,392,551	24.50	$ 107,617,495
		1993	$ 3,588,100	HW_E3_64	310	570	1.84	$ 6,592,157	23.50	$ 154,915,692
		1994	$ 6,867,436	HW_E3_64	330	570	1.73	$ 11,852,955	22.50	$ 266,691,479
		1995	$ 5,282,259	HW_E3_64	344	570	1.66	$ 8,752,580	21.50	$ 188,180,467
		1996	$ 4,920,993	HW_E3_64	354	570	1.61	$ 7,929,233	20.50	$ 162,549,274
		1997	$ 3,931,377	HW_E3_64	364	570	1.57	$ 6,164,745	19.50	$ 120,212,529
		1998	$ 3,745,782	HW_E3_64	368	570	1.55	$ 5,801,891	18.50	$ 107,334,988
		1999	$ 3,045,860	HW_E3_64	372	570	1.53	$ 4,663,908	17.50	$ 81,618,398
		2000	$ 7,171,242	HW_E3_64	380	570	1.50	$ 10,763,945	16.50	$ 177,605,094
		2001	$ 3,326,379	HW_E3_64	393	570	1.45	$ 4,821,453	15.50	$ 74,732,516

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2002	$ 6,904,759	HW_E3_64	410	570	1.39	$ 9,599,299	14.50	$ 139,189,841
		2003	$ 2,313,278	HW_E3_64	423	570	1.35	$ 3,120,872	13.50	$ 42,131,769
		2004	$ 3,013,051	HW_E3_64	437	570	1.31	$ 3,934,568	12.50	$ 49,182,101
		2005	$ 1,981,574	HW_E3_64	459	570	1.24	$ 2,459,439	11.50	$ 28,283,548
		2006	$ 1,862,951	HW_E3_64	482	570	1.18	$ 2,205,363	10.50	$ 23,156,306
		2007	$ 2,822,824	HW_E3_64	500	570	1.14	$ 3,217,409	9.50	$ 30,565,388
		2008	$ 2,526,412	HW_E3_64	525	570	1.09	$ 2,745,576	8.50	$ 23,337,400
		2009	$ 3,248,739	HW_E3_64	540	570	1.06	$ 3,429,225	7.50	$ 25,719,184
		2010	$ 5,405,203	HW_E3_64	546	570	1.04	$ 5,640,212	6.50	$ 36,661,377
		2011	$ 3,874,263	HW_E3_64	553	570	1.03	$ 3,996,977	5.50	$ 21,983,374
		2012	$ 3,333,952	HW_E3_64	562	570	1.01	$ 3,379,907	4.50	$ 15,209,580
		2013	$ 4,934,924	HW_E3_64	569	570	1.00	$ 4,945,770	3.50	$ 17,310,194
		2014	$ 5,622,143	HW_E3_64	571	570	1.00	$ 5,614,756	0.50	$ 2,807,378
		2015	$ 8,080,999	HW_E3_64	573	570	1.00	$ 8,042,199	1.50	$ 12,063,299
		2016	$ 3,617,002	HW_E3_64	570	570	1.00	$ 3,617,002	0.50	$ 1,808,501
		Total	**$ 148,239,439**					**$ 318,409,449**	**30.62**	**$ 9,750,268,104**
365	Overhead Conductors & Devic	1942	$ 36,571	HW_E3_65	21	795	37.86	$ 1,384,483	74.50	$ 103,144,014
		1943	$ 3,710	HW_E3_65	21	795	37.86	$ 140,442	73.50	$ 10,322,463
		1944	$ 1,514	HW_E3_65	21	795	37.86	$ 57,304	72.50	$ 4,154,538
		1945	$ 1,084	HW_E3_65	22	795	36.14	$ 39,181	71.50	$ 2,801,457
		1946	$ 9,614	HW_E3_65	25	795	31.80	$ 305,716	70.50	$ 21,552,976
		1947	$ 30,391	HW_E3_65	29	795	27.41	$ 833,141	69.50	$ 57,903,286
		1948	$ 52,600	HW_E3_65	31	795	25.65	$ 1,348,939	68.50	$ 92,402,291
		1949	$ 106,449	HW_E3_65	31	795	25.65	$ 2,729,908	67.50	$ 184,268,785
		1950	$ 79,524	HW_E3_65	33	795	24.09	$ 1,915,799	66.50	$ 127,400,614
		1951	$ 127,369	HW_E3_65	37	795	21.49	$ 2,736,718	65.50	$ 179,255,035
		1952	$ 134,892	HW_E3_65	39	795	20.38	$ 2,749,713	64.50	$ 177,356,500
		1953	$ 203,779	HW_E3_65	41	795	19.39	$ 3,951,319	63.50	$ 250,908,725
		1954	$ 138,166	HW_E3_65	42	795	18.93	$ 2,615,282	62.50	$ 163,455,111
		1955	$ 188,181	HW_E3_65	46	795	17.28	$ 3,252,262	61.50	$ 200,014,105
		1956	$ 96,368	HW_E3_65	50	795	15.90	$ 1,532,256	60.50	$ 92,701,486
		1957	$ 208,157	HW_E3_65	49	795	16.22	$ 3,377,235	59.50	$ 200,945,499
		1958	$ 174,082	HW_E3_65	49	795	16.22	$ 2,824,396	58.50	$ 165,227,176
		1959	$ 454,415	HW_E3_65	50	795	15.90	$ 7,225,192	57.50	$ 415,448,557
		1960	$ 217,644	HW_E3_65	51	795	15.59	$ 3,392,686	56.50	$ 191,686,770
		1961	$ 302,310	HW_E3_65	52	795	15.29	$ 4,621,849	55.50	$ 256,512,611
		1962	$ 545,599	HW_E3_65	54	795	14.72	$ 8,032,424	54.50	$ 437,767,107
		1963	$ 259,125	HW_E3_65	54	795	14.72	$ 3,814,891	53.50	$ 204,096,644
		1964	$ 446,487	HW_E3_65	56	795	14.20	$ 6,338,515	52.50	$ 332,772,052
		1965	$ 303,291	HW_E3_65	59	795	13.47	$ 4,086,714	51.50	$ 210,465,768
		1966	$ 578,116	HW_E3_65	61	795	13.03	$ 7,534,460	50.50	$ 380,490,211
		1967	$ 316,423	HW_E3_65	65	795	12.23	$ 3,870,091	49.50	$ 191,569,514
		1968	$ 977,870	HW_E3_65	69	795	11.52	$ 11,266,762	48.50	$ 546,437,980
		1969	$ 1,330,119	HW_E3_65	79	795	10.06	$ 13,385,378	47.50	$ 635,805,458
		1970	$ 1,404,246	HW_E3_65	89	795	8.93	$ 12,543,547	46.50	$ 583,274,951
		1971	$ 1,058,200	HW_E3_65	98	795	8.11	$ 8,584,376	45.50	$ 390,589,108
		1972	$ 1,502,199	HW_E3_65	99	795	8.03	$ 12,063,110	44.50	$ 536,808,397
		1973	$ 1,383,579	HW_E3_65	100	795	7.95	$ 10,999,451	43.50	$ 478,476,128
		1974	$ 1,873,646	HW_E3_65	116	795	6.85	$ 12,840,933	42.50	$ 545,739,650
		1975	$ 1,684,516	HW_E3_65	143	795	5.56	$ 9,364,967	41.50	$ 388,646,150
		1976	$ 1,009,396	HW_E3_65	161	795	4.94	$ 4,984,283	40.50	$ 201,863,450
		1977	$ 1,675,149	HW_E3_65	174	795	4.57	$ 7,653,699	39.50	$ 302,321,101
		1978	$ 1,490,854	HW_E3_65	170	795	4.68	$ 6,971,937	38.50	$ 268,419,558
		1979	$ 1,708,067	HW_E3_65	182	795	4.37	$ 7,461,062	37.50	$ 279,789,821
		1980	$ 1,496,212	HW_E3_65	201	795	3.96	$ 5,917,852	36.50	$ 216,001,585
		1981	$ 1,783,953	HW_E3_65	220	795	3.61	$ 6,446,556	35.50	$ 228,852,744
		1982	$ 1,726,987	HW_E3_65	231	795	3.44	$ 5,943,528	34.50	$ 205,051,722
		1983	$ 1,911,773	HW_E3_65	244	795	3.26	$ 6,228,934	33.50	$ 208,669,274
		1984	$ 2,575,360	HW_E3_65	246	795	3.23	$ 8,322,809	32.50	$ 270,491,302
		1985	$ 2,621,013	HW_E3_65	247	795	3.22	$ 8,436,054	31.50	$ 265,735,711
		1986	$ 2,682,284	HW_E3_65	249	795	3.19	$ 8,563,919	30.50	$ 261,199,521
		1987	$ 2,603,423	HW_E3_65	248	795	3.21	$ 8,345,650	29.50	$ 246,196,666
		1988	$ 2,163,679	HW_E3_65	293	795	2.72	$ 5,880,768	28.50	$ 167,601,880
		1989	$ 2,527,615	HW_E3_65	304	795	2.62	$ 6,620,936	27.50	$ 182,075,745
		1990	$ 2,813,585	HW_E3_65	306	795	2.60	$ 7,315,780	26.50	$ 193,868,167
		1991	$ 1,664,413	HW_E3_65	313	795	2.54	$ 4,230,881	25.50	$ 107,887,458
		1992	$ 1,902,007	HW_E3_65	305	795	2.61	$ 4,957,690	24.50	$ 121,463,408
		1993	$ 2,882,858	HW_E3_65	316	795	2.51	$ 7,247,026	23.50	$ 170,305,120
		1994	$ 8,564,505	HW_E3_65	330	795	2.41	$ 20,617,053	22.50	$ 463,883,697
		1995	$ 4,933,689	HW_E3_65	355	795	2.24	$ 11,064,267	21.50	$ 237,881,750
		1996	$ 6,952,209	HW_E3_65	363	795	2.19	$ 15,246,913	20.50	$ 312,561,708

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1997	$ 5,142,943	HW_E3_65	370	795	2.15	$ 11,042,917	19.50	$ 215,336,881
		1998	$ 3,900,329	HW_E3_65	380	795	2.09	$ 8,165,270	18.50	$ 151,057,498
		1999	$ 3,247,768	HW_E3_65	370	795	2.15	$ 6,987,755	17.50	$ 122,285,713
		2000	$ 6,431,666	HW_E3_65	393	795	2.02	$ 13,002,350	16.50	$ 214,538,780
		2001	$ 5,125,022	HW_E3_65	415	795	1.92	$ 9,829,657	15.50	$ 152,359,676
		2002	$ 11,982,919	HW_E3_65	429	795	1.85	$ 22,219,057	14.50	$ 322,176,328
		2003	$ 4,215,719	HW_E3_65	443	795	1.79	$ 7,565,456	13.50	$ 102,133,650
		2004	$ 5,739,160	HW_E3_65	469	795	1.70	$ 9,738,809	12.50	$ 121,735,113
		2005	$ 4,683,526	HW_E3_65	517	795	1.54	$ 7,201,940	11.50	$ 82,822,306
		2006	$ 3,978,674	HW_E3_65	581	795	1.37	$ 5,448,830	10.50	$ 57,212,715
		2007	$ 5,527,220	HW_E3_65	632	795	1.26	$ 6,957,971	9.50	$ 66,100,722
		2008	$ 5,494,064	HW_E3_65	706	795	1.13	$ 6,184,469	8.50	$ 52,567,987
		2009	$ 3,788,867	HW_E3_65	654	795	1.22	$ 4,607,494	7.50	$ 34,556,203
		2010	$ 6,629,940	HW_E3_65	679	795	1.17	$ 7,768,316	6.50	$ 50,494,057
		2011	$ 7,616,957	HW_E3_65	713	795	1.11	$ 8,489,983	5.50	$ 46,694,907
		2012	$ 8,067,976	HW_E3_65	712	795	1.12	$ 9,008,484	4.50	$ 40,538,180
		2013	$ 8,090,601	HW_E3_65	744	795	1.07	$ 8,651,013	3.50	$ 30,278,545
		2014	$ 12,237,181	HW_E3_65	772	795	1.03	$ 12,609,928	0.50	$ 6,304,964
		2015	$ 9,125,900	HW_E3_65	792	795	1.00	$ 9,166,255	1.50	$ 13,749,382
		2016	$ 3,723,260	HW_E3_65	795	795	1.00	$ 3,723,260	0.50	$ 1,861,630
		Total	**$ 198,668,955**					**$ 518,586,250**	**30.00**	**$ 15,557,327,747**
366	Underground Conduits	1912	$ 148,481	HW_E3_66	8	558	69.75	$ 10,356,578	104.50	$ 1,082,262,364
		1915	$ 6,707	HW_E3_66	9	558	62.00	$ 415,819	101.50	$ 42,205,578
		1916	$ 2,473	HW_E3_66	9	558	62.00	$ 153,350	100.50	$ 15,411,693
		1918	$ 1,653	HW_E3_66	15	558	37.20	$ 61,492	98.50	$ 6,056,923
		1920	$ 567	HW_E3_66	19	558	29.37	$ 16,641	96.50	$ 1,605,888
		1922	$ 6,173	HW_E3_66	19	558	29.37	$ 181,293	94.50	$ 17,132,219
		1923	$ 120	HW_E3_66	19	558	29.37	$ 3,531	93.50	$ 330,173
		1924	$ 557	HW_E3_66	19	558	29.37	$ 16,373	92.50	$ 1,514,466
		1925	$ 2,731	HW_E3_66	19	558	29.37	$ 80,205	91.50	$ 7,338,772
		1927	$ 815	HW_E3_66	19	558	29.37	$ 23,947	89.50	$ 2,143,284
		1928	$ 497	HW_E3_66	19	558	29.37	$ 14,603	88.50	$ 1,292,327
		1929	$ 668	HW_E3_66	19	558	29.37	$ 19,623	87.50	$ 1,717,021
		1930	$ 13,034	HW_E3_66	19	558	29.37	$ 382,782	86.50	$ 33,110,603
		1931	$ 5,653	HW_E3_66	19	558	29.37	$ 166,034	85.50	$ 14,195,913
		1932	$ 788	HW_E3_66	17	558	32.82	$ 25,866	84.50	$ 2,185,643
		1933	$ 98	HW_E3_66	17	558	32.82	$ 3,231	83.50	$ 269,828
		1934	$ 276	HW_E3_66	18	558	31.00	$ 8,541	82.50	$ 704,591
		1935	$ 381,756	HW_E3_66	18	558	31.00	$ 11,834,423	81.50	$ 964,505,448
		1936	$ 2,509	HW_E3_66	19	558	29.37	$ 73,697	80.50	$ 5,932,594
		1937	$ 4,333	HW_E3_66	19	558	29.37	$ 127,254	79.50	$ 10,116,689
		1938	$ 4,869	HW_E3_66	20	558	27.90	$ 135,845	78.50	$ 10,663,840
		1939	$ 3,380	HW_E3_66	20	558	27.90	$ 94,304	77.50	$ 7,308,535
		1940	$ 3,601	HW_E3_66	20	558	27.90	$ 100,473	76.50	$ 7,686,221
		1941	$ 6,495	HW_E3_66	21	558	26.57	$ 172,588	75.50	$ 13,030,359
		1942	$ 5,245	HW_E3_66	22	558	25.36	$ 133,027	74.50	$ 9,910,508
		1943	$ 720	HW_E3_66	22	558	25.36	$ 18,265	73.50	$ 1,342,486
		1944	$ 6,293	HW_E3_66	22	558	25.36	$ 159,622	72.50	$ 11,572,576
		1945	$ 6,496	HW_E3_66	23	558	24.26	$ 157,607	71.50	$ 11,268,890
		1946	$ 3,974	HW_E3_66	26	558	21.46	$ 85,292	70.50	$ 6,013,057
		1947	$ 25,236	HW_E3_66	29	558	19.24	$ 485,578	69.50	$ 33,747,694
		1948	$ 135,255	HW_E3_66	33	558	16.91	$ 2,287,042	68.50	$ 156,662,386
		1949	$ 93,800	HW_E3_66	34	558	16.41	$ 1,539,426	67.50	$ 103,911,277
		1950	$ 200,674	HW_E3_66	36	558	15.50	$ 3,110,444	66.50	$ 206,844,550
		1951	$ 108,601	HW_E3_66	38	558	14.68	$ 1,594,719	65.50	$ 104,454,099
		1952	$ 128,954	HW_E3_66	40	558	13.95	$ 1,798,904	64.50	$ 116,029,333
		1953	$ 84,984	HW_E3_66	41	558	13.61	$ 1,156,614	63.50	$ 73,444,995
		1954	$ 64,436	HW_E3_66	43	558	12.98	$ 836,163	62.50	$ 52,260,196
		1955	$ 38,812	HW_E3_66	45	558	12.40	$ 481,275	61.50	$ 29,598,405
		1956	$ 79,077	HW_E3_66	47	558	11.87	$ 938,826	60.50	$ 56,798,986
		1957	$ 125,482	HW_E3_66	49	558	11.39	$ 1,428,963	59.50	$ 85,023,323
		1958	$ 108,721	HW_E3_66	51	558	10.94	$ 1,189,531	58.50	$ 69,587,579
		1959	$ 105,799	HW_E3_66	52	558	10.73	$ 1,135,306	57.50	$ 65,280,079
		1960	$ 137,830	HW_E3_66	54	558	10.33	$ 1,424,241	56.50	$ 80,469,632
		1961	$ 18,915	HW_E3_66	56	558	9.96	$ 188,475	55.50	$ 10,460,383
		1962	$ 52,893	HW_E3_66	57	558	9.79	$ 517,799	54.50	$ 28,220,053
		1963	$ 94,409	HW_E3_66	59	558	9.46	$ 892,883	53.50	$ 47,769,248
		1964	$ 131,591	HW_E3_66	60	558	9.30	$ 1,223,798	52.50	$ 64,249,413
		1965	$ 132,785	HW_E3_66	61	558	9.15	$ 1,214,656	51.50	$ 62,554,786
		1966	$ 95,799	HW_E3_66	62	558	9.00	$ 862,194	50.50	$ 43,540,795
		1967	$ 143,495	HW_E3_66	64	558	8.72	$ 1,251,093	49.50	$ 61,929,092

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1968	$ 293,270	HW_E3_66	67	558	8.33	$ 2,442,461	48.50	$ 118,459,344
		1969	$ 450,615	HW_E3_66	74	558	7.54	$ 3,397,882	47.50	$ 161,399,411
		1970	$ 401,098	HW_E3_66	81	558	6.89	$ 2,763,123	46.50	$ 128,485,203
		1971	$ 872,551	HW_E3_66	88	558	6.34	$ 5,532,769	45.50	$ 251,740,986
		1972	$ 425,326	HW_E3_66	93	558	6.00	$ 2,551,955	44.50	$ 113,561,986
		1973	$ 337,558	HW_E3_66	100	558	5.58	$ 1,883,572	43.50	$ 81,935,393
		1974	$ 693,023	HW_E3_66	111	558	5.03	$ 3,483,847	42.50	$ 148,063,477
		1975	$ 602,573	HW_E3_66	121	558	4.61	$ 2,778,809	41.50	$ 115,320,566
		1976	$ 785,545	HW_E3_66	126	558	4.43	$ 3,478,841	40.50	$ 140,893,040
		1977	$ 522,132	HW_E3_66	136	558	4.10	$ 2,142,276	39.50	$ 84,619,904
		1978	$ 323,064	HW_E3_66	148	558	3.77	$ 1,218,039	38.50	$ 46,894,515
		1979	$ 580,559	HW_E3_66	161	558	3.47	$ 2,012,125	37.50	$ 75,454,669
		1980	$ 1,588,587	HW_E3_66	172	558	3.24	$ 5,153,673	36.50	$ 188,109,077
		1981	$ 1,098,583	HW_E3_66	185	558	3.02	$ 3,313,563	35.50	$ 117,631,469
		1982	$ 1,524,593	HW_E3_66	197	558	2.83	$ 4,318,390	34.50	$ 148,984,461
		1983	$ 863,062	HW_E3_66	210	558	2.66	$ 2,293,279	33.50	$ 76,824,851
		1984	$ 1,633,612	HW_E3_66	218	558	2.56	$ 4,181,447	32.50	$ 135,897,042
		1985	$ 1,557,252	HW_E3_66	221	558	2.52	$ 3,931,884	31.50	$ 123,854,350
		1986	$ 1,608,019	HW_E3_66	225	558	2.48	$ 3,987,887	30.50	$ 121,630,559
		1987	$ 1,983,996	HW_E3_66	232	558	2.41	$ 4,771,852	29.50	$ 140,769,624
		1988	$ 2,563,332	HW_E3_66	249	558	2.25	$ 5,755,892	28.50	$ 164,042,925
		1989	$ 2,032,564	HW_E3_66	269	558	2.07	$ 4,216,248	27.50	$ 115,946,819
		1990	$ 2,179,769	HW_E3_66	268	558	2.08	$ 4,542,711	26.50	$ 120,381,842
		1991	$ 1,232,670	HW_E3_66	262	558	2.13	$ 2,625,304	25.50	$ 66,945,245
		1992	$ 980,388	HW_E3_66	264	558	2.11	$ 2,070,224	24.50	$ 50,720,494
		1993	$ 1,394,325	HW_E3_66	271	558	2.06	$ 2,868,326	23.50	$ 67,405,664
		1994	$ 4,511,202	HW_E3_66	284	558	1.96	$ 8,863,560	22.50	$ 199,430,094
		1995	$ 2,233,053	HW_E3_66	292	558	1.91	$ 4,263,622	21.50	$ 91,667,878
		1996	$ 2,419,543	HW_E3_66	298	558	1.87	$ 4,530,554	20.50	$ 92,876,356
		1997	$ 1,748,465	HW_E3_66	306	558	1.82	$ 3,185,774	19.50	$ 62,122,588
		1998	$ 148,037	HW_E3_66	315	558	1.77	$ 262,654	18.50	$ 4,859,092
		1999	$ 3,594,178	HW_E3_66	325	558	1.72	$ 6,166,185	17.50	$ 107,908,230
		2000	$ 3,453,094	HW_E3_66	338	558	1.65	$ 5,709,115	16.50	$ 94,200,398
		2001	$ 2,393,591	HW_E3_66	351	558	1.59	$ 3,810,624	15.50	$ 59,064,669
		2002	$ 5,903,287	HW_E3_66	372	558	1.50	$ 8,860,885	14.50	$ 128,482,828
		2003	$ 2,980,450	HW_E3_66	384	558	1.45	$ 4,330,967	13.50	$ 58,468,050
		2004	$ 3,312,499	HW_E3_66	401	558	1.39	$ 4,612,289	12.50	$ 57,653,609
		2005	$ 2,879,391	HW_E3_66	428	558	1.30	$ 3,751,781	11.50	$ 43,145,485
		2006	$ 2,686,420	HW_E3_66	456	558	1.23	$ 3,290,938	10.50	$ 34,554,853
		2007	$ 2,799,576	HW_E3_66	473	558	1.18	$ 3,299,336	9.50	$ 31,343,688
		2008	$ 2,558,953	HW_E3_66	497	558	1.12	$ 2,875,923	8.50	$ 24,445,348
		2009	$ 2,451,156	HW_E3_66	506	558	1.10	$ 2,703,054	7.50	$ 20,272,904
		2010	$ 4,831,292	HW_E3_66	507	558	1.10	$ 5,322,528	6.50	$ 34,596,435
		2011	$ 5,201,777	HW_E3_66	523	558	1.07	$ 5,555,199	5.50	$ 30,553,597
		2012	$ 2,725,468	HW_E3_66	539	558	1.04	$ 2,821,542	4.50	$ 12,696,939
		2013	$ 5,070,672	HW_E3_66	545	558	1.02	$ 5,189,244	3.50	$ 18,162,353
		2014	$ 5,907,439	HW_E3_66	558	558	1.00	$ 5,912,737	0.50	$ 2,956,369
		2015	$ 3,530,564	HW_E3_66	562	558	0.99	$ 3,508,557	1.50	$ 5,262,835
		2016	$ 2,160,734	HW_E3_66	558	558	1.00	$ 2,160,734	0.50	$ 1,080,367
		Total	**$ 106,757,423**					**$ 239,284,416**	**34.12**	**$ 8,163,442,673**
367	Underground Conductors & De	1935	$ 138,578	HW_E3_67	22	705	32.02	$ 4,437,658	81.50	$ 361,669,100
		1936	$ 6,132	HW_E3_67	23	705	30.63	$ 187,824	80.50	$ 15,119,856
		1937	$ 12,478	HW_E3_67	26	705	27.10	$ 338,116	79.50	$ 26,880,187
		1938	$ 16,352	HW_E3_67	23	705	30.63	$ 500,859	78.50	$ 39,317,437
		1939	$ 13,175	HW_E3_67	23	705	30.63	$ 403,542	77.50	$ 31,274,473
		1940	$ 6,945	HW_E3_67	24	705	29.35	$ 203,854	76.50	$ 15,594,818
		1941	$ 11,027	HW_E3_67	27	705	26.09	$ 287,720	75.50	$ 21,722,871
		1942	$ 5,847	HW_E3_67	28	705	25.16	$ 147,113	74.50	$ 10,959,895
		1943	$ 305	HW_E3_67	28	705	25.16	$ 7,684	73.50	$ 564,743
		1944	$ 5,055	HW_E3_67	27	705	26.09	$ 131,892	72.50	$ 9,562,136
		1945	$ 12,075	HW_E3_67	27	705	26.09	$ 315,067	71.50	$ 22,527,310
		1946	$ 6,368	HW_E3_67	32	705	22.02	$ 140,192	70.50	$ 9,883,534
		1947	$ 19,685	HW_E3_67	38	705	18.54	$ 364,941	69.50	$ 25,363,426
		1948	$ 26,193	HW_E3_67	45	705	15.66	$ 410,059	68.50	$ 28,089,015
		1949	$ 38,013	HW_E3_67	50	705	14.09	$ 535,596	67.50	$ 36,152,757
		1950	$ 38,850	HW_E3_67	53	705	13.29	$ 516,408	66.50	$ 34,341,101
		1951	$ 33,183	HW_E3_67	66	705	10.67	$ 354,209	65.50	$ 23,200,664
		1952	$ 36,056	HW_E3_67	68	705	10.36	$ 373,548	64.50	$ 24,093,857
		1953	$ 54,278	HW_E3_67	67	705	10.51	$ 570,726	63.50	$ 36,241,112
		1954	$ 60,957	HW_E3_67	69	705	10.21	$ 622,382	62.50	$ 38,898,891
		1955	$ 41,023	HW_E3_67	72	705	9.78	$ 401,397	61.50	$ 24,685,891

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1956	$ 37,231	HW_E3_67	71	705	9.92	$ 369,424	60.50	$ 22,350,153
		1957	$ 65,495	HW_E3_67	62	705	11.36	$ 744,209	59.50	$ 44,280,458
		1958	$ 74,228	HW_E3_67	61	705	11.55	$ 857,270	58.50	$ 50,150,323
		1959	$ 57,011	HW_E3_67	64	705	11.01	$ 627,564	57.50	$ 36,084,903
		1960	$ 68,521	HW_E3_67	65	705	10.84	$ 742,660	56.50	$ 41,960,293
		1961	$ 29,414	HW_E3_67	64	705	11.01	$ 323,784	55.50	$ 17,970,031
		1962	$ 21,119	HW_E3_67	64	705	11.01	$ 232,479	54.50	$ 12,670,091
		1963	$ 82,727	HW_E3_67	65	705	10.84	$ 896,637	53.50	$ 47,970,079
		1964	$ 65,318	HW_E3_67	70	705	10.06	$ 657,375	52.50	$ 34,512,213
		1965	$ 86,550	HW_E3_67	75	705	9.39	$ 812,995	51.50	$ 41,869,260
		1966	$ 108,155	HW_E3_67	76	705	9.27	$ 1,002,566	50.50	$ 50,629,563
		1967	$ 104,145	HW_E3_67	78	705	9.03	$ 940,640	49.50	$ 46,561,667
		1968	$ 373,027	HW_E3_67	76	705	9.27	$ 3,457,867	48.50	$ 167,706,529
		1969	$ 420,523	HW_E3_67	83	705	8.49	$ 3,569,375	47.50	$ 169,545,319
		1970	$ 489,369	HW_E3_67	88	705	8.01	$ 3,917,736	46.50	$ 182,174,744
		1971	$ 341,292	HW_E3_67	88	705	8.01	$ 2,732,274	45.50	$ 124,318,458
		1972	$ 512,127	HW_E3_67	99	705	7.12	$ 3,644,377	44.50	$ 162,174,796
		1973	$ 381,841	HW_E3_67	100	705	7.05	$ 2,690,069	43.50	$ 117,017,983
		1974	$ 659,904	HW_E3_67	125	705	5.64	$ 3,719,220	42.50	$ 158,066,853
		1975	$ 838,064	HW_E3_67	129	705	5.46	$ 4,576,870	41.50	$ 189,940,102
		1976	$ 1,092,146	HW_E3_67	133	705	5.30	$ 5,785,091	40.50	$ 234,296,192
		1977	$ 865,840	HW_E3_67	142	705	4.96	$ 4,295,663	39.50	$ 169,678,689
		1978	$ 746,641	HW_E3_67	151	705	4.67	$ 3,483,502	38.50	$ 134,114,825
		1979	$ 1,011,007	HW_E3_67	185	705	3.81	$ 3,850,024	37.50	$ 144,375,895
		1980	$ 1,160,916	HW_E3_67	209	705	3.37	$ 3,913,232	36.50	$ 142,832,959
		1981	$ 1,608,443	HW_E3_67	214	705	3.29	$ 5,295,083	35.50	$ 187,975,457
		1982	$ 1,277,321	HW_E3_67	211	705	3.34	$ 4,264,800	34.50	$ 147,135,587
		1983	$ 1,513,500	HW_E3_67	213	705	3.31	$ 5,005,920	33.50	$ 167,698,324
		1984	$ 1,316,349	HW_E3_67	212	705	3.32	$ 4,374,377	32.50	$ 142,167,267
		1985	$ 2,813,875	HW_E3_67	218	705	3.23	$ 9,093,461	31.50	$ 286,444,034
		1986	$ 2,639,598	HW_E3_67	229	705	3.08	$ 8,120,510	30.50	$ 247,675,554
		1987	$ 3,197,150	HW_E3_67	234	705	3.01	$ 9,625,608	29.50	$ 283,955,438
		1988	$ 3,443,359	HW_E3_67	239	705	2.95	$ 10,160,613	28.50	$ 289,577,468
		1989	$ 4,021,144	HW_E3_67	255	705	2.77	$ 11,131,221	27.50	$ 306,108,576
		1990	$ 4,115,726	HW_E3_67	266	705	2.65	$ 10,921,014	26.50	$ 289,406,866
		1991	$ 2,895,614	HW_E3_67	272	705	2.59	$ 7,513,664	25.50	$ 191,598,431
		1992	$ 3,090,730	HW_E3_67	275	705	2.57	$ 7,932,311	24.50	$ 194,341,609
		1993	$ 2,725,370	HW_E3_67	278	705	2.54	$ 6,919,003	23.50	$ 162,596,581
		1994	$ 10,134,363	HW_E3_67	281	705	2.51	$ 25,430,662	22.50	$ 572,189,900
		1995	$ 4,685,107	HW_E3_67	293	705	2.40	$ 11,265,045	21.50	$ 242,198,458
		1996	$ 6,826,422	HW_E3_67	300	705	2.35	$ 16,044,085	20.50	$ 328,903,741
		1997	$ 4,443,602	HW_E3_67	303	705	2.33	$ 10,348,819	19.50	$ 201,801,966
		1998	$ 885,500	HW_E3_67	308	705	2.29	$ 2,028,731	18.50	$ 37,531,530
		1999	$ 12,042,794	HW_E3_67	314	705	2.24	$ 27,019,580	17.50	$ 472,842,648
		2000	$ 7,335,763	HW_E3_67	322	705	2.19	$ 16,049,828	16.50	$ 264,822,165
		2001	$ 6,999,402	HW_E3_67	323	705	2.18	$ 15,266,499	15.50	$ 236,630,728
		2002	$ 20,793,278	HW_E3_67	329	705	2.14	$ 44,559,284	14.50	$ 646,109,611
		2003	$ 8,278,631	HW_E3_67	335	705	2.10	$ 17,409,837	13.50	$ 235,032,804
		2004	$ 9,449,796	HW_E3_67	357	705	1.97	$ 18,661,194	12.50	$ 233,264,931
		2005	$ 8,943,149	HW_E3_67	398	705	1.77	$ 15,840,223	11.50	$ 182,162,567
		2006	$ 8,126,931	HW_E3_67	447	705	1.58	$ 12,822,896	10.50	$ 134,640,407
		2007	$ 11,785,952	HW_E3_67	522	705	1.35	$ 15,898,323	9.50	$ 151,034,070
		2008	$ 7,811,798	HW_E3_67	593	705	1.19	$ 9,278,671	8.50	$ 78,868,705
		2009	$ 7,035,751	HW_E3_67	629	705	1.12	$ 7,877,290	7.50	$ 59,079,676
		2010	$ 8,287,684	HW_E3_67	608	705	1.16	$ 9,608,019	6.50	$ 62,452,125
		2011	$ 10,619,176	HW_E3_67	656	705	1.07	$ 11,402,110	5.50	$ 62,711,606
		2012	$ 9,806,990	HW_E3_67	698	705	1.01	$ 9,894,772	4.50	$ 44,526,473
		2013	$ 12,793,188	HW_E3_67	713	705	0.99	$ 12,640,674	3.50	$ 44,242,360
		2014	$ 13,098,845	HW_E3_67	724	705	0.97	$ 12,746,045	0.50	$ 6,373,022
		2015	$ 10,423,688	HW_E3_67	724	705	0.97	$ 10,144,691	1.50	$ 15,217,036
		2016	$ 4,934,087	HW_E3_67	705	705	1.00	$ 4,934,087	0.50	$ 2,467,043
		Total	**$ 250,475,259**					**$ 506,622,639**	**20.91**	**$ 10,591,180,218**
368	Line Transformers	1936	$ 357	HW_E3_68	56	844	15.07	$ 5,378	80.50	$ 432,936
		1937	$ 919	HW_E3_68	60	844	14.07	$ 12,927	79.50	$ 1,027,718
		1938	$ 3,323	HW_E3_68	61	844	13.84	$ 45,982	78.50	$ 3,609,572
		1939	$ 1,197	HW_E3_68	61	844	13.84	$ 16,558	77.50	$ 1,283,280
		1940	$ 1,310	HW_E3_68	61	844	13.84	$ 18,131	76.50	$ 1,386,984
		1941	$ 6,850	HW_E3_68	63	844	13.40	$ 91,766	75.50	$ 6,928,331
		1942	$ 932	HW_E3_68	63	844	13.40	$ 12,482	74.50	$ 929,896
		1943	$ 703	HW_E3_68	59	844	14.31	$ 10,056	73.50	$ 739,098
		1944	$ 1,067	HW_E3_68	59	844	14.31	$ 15,262	72.50	$ 1,106,523

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1945	$ 5,696	HW_E3_68	59	844	14.31	$ 81,477	71.50	$ 5,825,578
		1946	$ 6,556	HW_E3_68	66	844	12.79	$ 83,837	70.50	$ 5,910,514
		1947	$ 38,076	HW_E3_68	82	844	10.29	$ 391,902	69.50	$ 27,237,156
		1948	$ 128,797	HW_E3_68	85	844	9.93	$ 1,278,876	68.50	$ 87,603,010
		1949	$ 78,091	HW_E3_68	87	844	9.70	$ 757,570	67.50	$ 51,135,977
		1950	$ 79,971	HW_E3_68	92	844	9.17	$ 733,646	66.50	$ 48,787,458
		1951	$ 91,276	HW_E3_68	103	844	8.19	$ 747,934	65.50	$ 48,989,669
		1952	$ 89,079	HW_E3_68	104	844	8.12	$ 722,907	64.50	$ 46,627,482
		1953	$ 99,944	HW_E3_68	110	844	7.67	$ 766,841	63.50	$ 48,694,402
		1954	$ 203,120	HW_E3_68	112	844	7.54	$ 1,530,652	62.50	$ 95,665,728
		1955	$ 520,812	HW_E3_68	112	844	7.54	$ 3,924,693	61.50	$ 241,368,647
		1956	$ 636,558	HW_E3_68	115	844	7.34	$ 4,671,781	60.50	$ 282,642,747
		1957	$ 473,480	HW_E3_68	122	844	6.92	$ 3,275,550	59.50	$ 194,895,239
		1958	$ 236,541	HW_E3_68	119	844	7.09	$ 1,677,649	58.50	$ 98,142,442
		1959	$ 287,662	HW_E3_68	114	844	7.40	$ 2,129,710	57.50	$ 122,458,303
		1960	$ 468,892	HW_E3_68	113	844	7.47	$ 3,502,165	56.50	$ 197,872,348
		1961	$ 421,631	HW_E3_68	109	844	7.74	$ 3,264,737	55.50	$ 181,192,914
		1962	$ 285,927	HW_E3_68	100	844	8.44	$ 2,413,227	54.50	$ 131,520,895
		1963	$ 271,331	HW_E3_68	93	844	9.08	$ 2,462,403	53.50	$ 131,738,553
		1964	$ 366,847	HW_E3_68	93	844	9.08	$ 3,329,238	52.50	$ 174,784,978
		1965	$ 139,203	HW_E3_68	95	844	8.88	$ 1,236,708	51.50	$ 63,690,474
		1966	$ 510,649	HW_E3_68	96	844	8.79	$ 4,489,458	50.50	$ 226,717,633
		1967	$ 495,745	HW_E3_68	100	844	8.44	$ 4,184,087	49.50	$ 207,112,292
		1968	$ 676,729	HW_E3_68	103	844	8.19	$ 5,545,238	48.50	$ 268,944,022
		1969	$ 1,167,444	HW_E3_68	101	844	8.36	$ 9,755,670	47.50	$ 463,394,304
		1970	$ 1,138,528	HW_E3_68	102	844	8.27	$ 9,420,762	46.50	$ 438,065,418
		1971	$ 828,896	HW_E3_68	102	844	8.27	$ 6,858,705	45.50	$ 312,071,090
		1972	$ 845,535	HW_E3_68	100	844	8.44	$ 7,136,316	44.50	$ 317,566,065
		1973	$ 1,375,419	HW_E3_68	100	844	8.44	$ 11,608,540	43.50	$ 504,971,471
		1974	$ 2,031,935	HW_E3_68	109	844	7.74	$ 15,733,516	42.50	$ 668,674,409
		1975	$ 985,477	HW_E3_68	130	844	6.49	$ 6,398,018	41.50	$ 265,517,753
		1976	$ 1,089,326	HW_E3_68	134	844	6.30	$ 6,861,125	40.50	$ 277,875,572
		1977	$ 1,693,056	HW_E3_68	145	844	5.82	$ 9,854,751	39.50	$ 389,262,657
		1978	$ 2,219,725	HW_E3_68	155	844	5.45	$ 12,086,762	38.50	$ 465,340,354
		1979	$ 1,526,994	HW_E3_68	164	844	5.15	$ 7,858,431	37.50	$ 294,691,174
		1980	$ 1,553,625	HW_E3_68	164	844	5.15	$ 7,995,484	36.50	$ 291,835,180
		1981	$ 2,298,065	HW_E3_68	192	844	4.40	$ 10,101,910	35.50	$ 358,617,818
		1982	$ 1,812,800	HW_E3_68	207	844	4.08	$ 7,391,321	34.50	$ 255,000,564
		1983	$ 1,962,541	HW_E3_68	210	844	4.02	$ 7,887,544	33.50	$ 264,232,728
		1984	$ 4,414,985	HW_E3_68	212	844	3.98	$ 17,576,638	32.50	$ 571,240,731
		1985	$ 4,435,483	HW_E3_68	214	844	3.94	$ 17,493,212	31.50	$ 551,036,174
		1986	$ 4,242,666	HW_E3_68	215	844	3.93	$ 16,654,932	30.50	$ 507,975,431
		1987	$ 4,630,561	HW_E3_68	214	844	3.94	$ 18,262,587	29.50	$ 538,746,310
		1988	$ 4,514,920	HW_E3_68	216	844	3.90	$ 17,621,237	28.50	$ 502,205,261
		1989	$ 5,871,625	HW_E3_68	225	844	3.76	$ 22,074,171	27.50	$ 607,039,690
		1990	$ 3,911,165	HW_E3_68	228	844	3.71	$ 14,494,064	26.50	$ 384,092,703
		1991	$ 4,951,489	HW_E3_68	228	844	3.71	$ 18,369,479	25.50	$ 468,421,708
		1992	$ 4,825,966	HW_E3_68	232	844	3.64	$ 17,556,531	24.50	$ 430,135,011
		1993	$ 5,312,735	HW_E3_68	233	844	3.62	$ 19,223,786	23.50	$ 451,758,973
		1994	$ 5,160,469	HW_E3_68	238	844	3.55	$ 18,319,392	22.50	$ 412,186,320
		1995	$ 6,152,331	HW_E3_68	234	844	3.60	$ 22,166,777	21.50	$ 476,585,714
		1996	$ 3,213,299	HW_E3_68	230	844	3.67	$ 11,791,412	20.50	$ 241,723,939
		1997	$ 5,671,784	HW_E3_68	221	844	3.82	$ 21,660,569	19.50	$ 422,381,100
		1998	$ 5,417,591	HW_E3_68	225	844	3.75	$ 20,299,432	18.50	$ 375,539,487
		1999	$ 439,764	HW_E3_68	227	844	3.73	$ 1,638,681	17.50	$ 28,676,909
		2000	$ 12,894,162	HW_E3_68	228	844	3.71	$ 47,835,923	16.50	$ 789,292,730
		2001	$ 1,177,173	HW_E3_68	236	844	3.57	$ 4,205,433	15.50	$ 65,184,214
		2002	$ 12,820,111	HW_E3_68	246	844	3.43	$ 44,029,191	14.50	$ 638,423,264
		2003	$ 3,689,123	HW_E3_68	250	844	3.38	$ 12,479,438	13.50	$ 168,472,406
		2004	$ 4,799,452	HW_E3_68	262	844	3.22	$ 15,475,596	12.50	$ 193,444,950
		2005	$ 5,636,399	HW_E3_68	290	844	2.91	$ 16,389,735	11.50	$ 188,481,949
		2006	$ 4,841,635	HW_E3_68	363	844	2.33	$ 11,272,662	10.50	$ 118,362,954
		2007	$ 8,130,367	HW_E3_68	460	844	1.83	$ 14,907,731	9.50	$ 141,623,447
		2008	$ 10,814,436	HW_E3_68	537	844	1.57	$ 17,012,831	8.50	$ 144,609,060
		2009	$ 5,353,336	HW_E3_68	556	844	1.52	$ 8,129,943	7.50	$ 60,974,573
		2010	$ 4,801,468	HW_E3_68	603	844	1.40	$ 6,717,678	6.50	$ 43,664,908
		2011	$ 6,083,305	HW_E3_68	639	844	1.32	$ 8,041,205	5.50	$ 44,226,628
		2012	$ 9,645,338	HW_E3_68	680	844	1.24	$ 11,980,376	4.50	$ 53,911,692
		2013	$ 7,150,029	HW_E3_68	737	844	1.15	$ 8,193,652	3.50	$ 28,677,780
		2014	$ 9,134,801	HW_E3_68	791	844	1.07	$ 9,749,949	0.50	$ 4,874,974
		2015	$ 6,517,486	HW_E3_68	826	844	1.02	$ 6,657,498	1.50	$ 9,986,247

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2016	$ 9,919,514	HW_E3_68	844	844	1.00	$ 9,919,514	0.50	$ 4,959,757
		Total	**$ 225,733,600**					**$ 718,580,935**	**25.39**	**$ 18,243,036,351**
	369 Services	1912	$ 249	HW_E3_69O	12	542	45.17	$ 11,224	104.50	$ 1,172,946
		1935	$ 19,977	HW_E3_69O	16	542	33.88	$ 676,723	81.50	$ 55,152,889
		1936	$ 258	HW_E3_69O	16	542	33.88	$ 8,751	80.50	$ 704,450
		1937	$ 901	HW_E3_69O	18	542	30.11	$ 27,136	79.50	$ 2,157,323
		1938	$ 70	HW_E3_69O	17	542	31.88	$ 2,238	78.50	$ 175,644
		1939	$ 311	HW_E3_69O	17	542	31.88	$ 9,929	77.50	$ 769,532
		1940	$ 541	HW_E3_69O	17	542	31.88	$ 17,240	76.50	$ 1,318,889
		1941	$ 437	HW_E3_69O	17	542	31.88	$ 13,930	75.50	$ 1,051,694
		1942	$ 186	HW_E3_69O	18	542	30.11	$ 5,599	74.50	$ 417,115
		1943	$ 279	HW_E3_69O	19	542	28.53	$ 7,961	73.50	$ 585,164
		1944	$ 400	HW_E3_69O	19	542	28.53	$ 11,398	72.50	$ 826,353
		1945	$ 331	HW_E3_69O	19	542	28.53	$ 9,452	71.50	$ 675,812
		1946	$ 578	HW_E3_69O	22	542	24.64	$ 14,229	70.50	$ 1,003,126
		1947	$ 1,498	HW_E3_69O	26	542	20.85	$ 31,235	69.50	$ 2,170,821
		1948	$ 5,242	HW_E3_69O	28	542	19.36	$ 101,474	68.50	$ 6,950,943
		1949	$ 915	HW_E3_69O	28	542	19.36	$ 17,712	67.50	$ 1,195,585
		1950	$ 1,418	HW_E3_69O	30	542	18.07	$ 25,621	66.50	$ 1,703,777
		1951	$ 3,968	HW_E3_69O	35	542	15.49	$ 61,451	65.50	$ 4,025,053
		1952	$ 4,134	HW_E3_69O	37	542	14.65	$ 60,558	64.50	$ 3,906,007
		1953	$ 6,425	HW_E3_69O	39	542	13.90	$ 89,292	63.50	$ 5,670,060
		1954	$ 6,469	HW_E3_69O	40	542	13.55	$ 87,661	62.50	$ 5,478,832
		1955	$ 11,580	HW_E3_69O	43	542	12.60	$ 145,965	61.50	$ 8,976,840
		1956	$ 13,298	HW_E3_69O	46	542	11.78	$ 156,680	60.50	$ 9,479,151
		1957	$ 8,778	HW_E3_69O	44	542	12.32	$ 108,134	59.50	$ 6,433,991
		1958	$ 23,194	HW_E3_69O	44	542	12.32	$ 285,706	58.50	$ 16,713,812
		1959	$ 230,192	HW_E3_69O	46	542	11.78	$ 2,712,259	57.50	$ 155,954,897
		1960	$ 239,638	HW_E3_69O	48	542	11.29	$ 2,705,911	56.50	$ 152,883,994
		1961	$ 255,946	HW_E3_69O	49	542	11.06	$ 2,831,079	55.50	$ 157,124,874
		1962	$ 282,916	HW_E3_69O	50	542	10.84	$ 3,066,812	54.50	$ 167,141,262
		1963	$ 212,936	HW_E3_69O	50	542	10.84	$ 2,308,229	53.50	$ 123,490,255
		1964	$ 195,087	HW_E3_69O	52	542	10.42	$ 2,033,404	52.50	$ 106,753,699
		1965	$ 175,272	HW_E3_69O	55	542	9.85	$ 1,727,226	51.50	$ 88,952,128
		1966	$ 159,945	HW_E3_69O	57	542	9.51	$ 1,520,876	50.50	$ 76,804,241
		1967	$ 177,802	HW_E3_69O	61	542	8.89	$ 1,579,817	49.50	$ 78,200,932
		1968	$ 218,616	HW_E3_69O	65	542	8.34	$ 1,822,917	48.50	$ 88,411,472
		1969	$ 352,031	HW_E3_69O	75	542	7.23	$ 2,544,009	47.50	$ 120,840,446
		1970	$ 293,260	HW_E3_69O	87	542	6.23	$ 1,826,976	46.50	$ 84,954,385
		1971	$ 311,131	HW_E3_69O	94	542	5.77	$ 1,793,969	45.50	$ 81,625,607
		1972	$ 342,728	HW_E3_69O	97	542	5.59	$ 1,915,039	44.50	$ 85,219,245
		1973	$ 310,354	HW_E3_69O	100	542	5.42	$ 1,682,116	43.50	$ 73,172,052
		1974	$ 476,321	HW_E3_69O	108	542	5.02	$ 2,390,424	42.50	$ 101,593,007
		1975	$ 573,003	HW_E3_69O	119	542	4.55	$ 2,609,811	41.50	$ 108,307,177
		1976	$ 718,767	HW_E3_69O	127	542	4.27	$ 3,067,493	40.50	$ 124,233,470
		1977	$ 896,718	HW_E3_69O	139	542	3.90	$ 3,496,554	39.50	$ 138,113,893
		1978	$ 956,442	HW_E3_69O	150	542	3.61	$ 3,455,944	38.50	$ 133,053,825
		1979	$ 1,160,987	HW_E3_69O	163	542	3.33	$ 3,860,460	37.50	$ 144,767,259
		1980	$ 1,273,374	HW_E3_69O	181	542	2.99	$ 3,813,086	36.50	$ 139,177,627
		1981	$ 1,828,953	HW_E3_69O	195	542	2.78	$ 5,083,552	35.50	$ 180,466,103
		1982	$ 1,287,201	HW_E3_69O	205	542	2.64	$ 3,403,235	34.50	$ 117,411,602
		1983	$ 1,737,079	HW_E3_69O	210	542	2.58	$ 4,483,318	33.50	$ 150,191,165
		1984	$ 1,860,884	HW_E3_69O	224	542	2.42	$ 4,502,675	32.50	$ 146,336,922
		1985	$ 2,150,029	HW_E3_69O	223	542	2.43	$ 5,225,630	31.50	$ 164,607,350
		1986	$ 2,198,045	HW_E3_69O	225	542	2.41	$ 5,294,845	30.50	$ 161,492,787
		1987	$ 2,552,809	HW_E3_69O	231	542	2.35	$ 5,989,707	29.50	$ 176,696,369
		1988	$ 2,746,839	HW_E3_69O	250	542	2.17	$ 5,967,082	28.50	$ 170,061,830
		1989	$ 2,831,884	HW_E3_69O	264	542	2.06	$ 5,824,976	27.50	$ 160,186,835
		1990	$ 2,607,079	HW_E3_69O	265	542	2.05	$ 5,342,295	26.50	$ 141,570,819
		1991	$ 2,037,065	HW_E3_69O	267	542	2.03	$ 4,142,925	25.50	$ 105,644,576
		1992	$ 1,536,556	HW_E3_69O	266	542	2.04	$ 3,127,938	24.50	$ 76,634,491
		1993	$ 2,112,514	HW_E3_69O	273	542	1.99	$ 4,201,770	23.50	$ 98,741,602
		1994	$ 4,560,308	HW_E3_69O	284	542	1.91	$ 8,718,472	22.50	$ 196,165,619
		1995	$ 3,347,306	HW_E3_69O	299	542	1.82	$ 6,077,856	21.50	$ 130,673,905
		1996	$ 3,708,174	HW_E3_69O	302	542	1.79	$ 6,649,562	20.50	$ 136,316,027
		1997	$ 4,497,804	HW_E3_69O	306	542	1.77	$ 7,960,195	19.50	$ 155,223,796
		1998	$ 2,848,278	HW_E3_69O	312	542	1.74	$ 4,944,008	18.50	$ 91,464,151
		1999	$ 4,716,259	HW_E3_69O	315	542	1.72	$ 8,114,960	17.50	$ 142,011,798
		2000	$ 4,385,408	HW_E3_69O	325	542	1.67	$ 7,313,511	16.50	$ 120,672,924
		2001	$ 4,583,556	HW_E3_69O	338	542	1.61	$ 7,360,851	15.50	$ 114,093,197
		2002	$ 4,860,134	HW_E3_69O	351	542	1.54	$ 7,504,822	14.50	$ 108,819,924

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2003	$ 1,828,055	HW_E3_69O	364	542	1.49	$ 2,720,126	13.50	$ 36,721,708
		2004	$ 2,620,163	HW_E3_69O	381	542	1.42	$ 3,732,269	12.50	$ 46,653,358
		2005	$ 6,974,186	HW_E3_69O	407	542	1.33	$ 9,293,200	11.50	$ 106,871,797
		2006	$ 4,925,684	HW_E3_69O	434	542	1.25	$ 6,154,976	10.50	$ 64,627,249
		2007	$ 5,190,046	HW_E3_69O	457	542	1.19	$ 6,151,736	9.50	$ 58,441,489
		2008	$ 4,554,478	HW_E3_69O	484	542	1.12	$ 5,100,262	8.50	$ 43,352,228
		2009	$ 1,578,405	HW_E3_69O	471	542	1.15	$ 1,818,269	7.50	$ 13,637,016
		2010	$ 5,849,757	HW_E3_69O	489	542	1.11	$ 6,487,097	6.50	$ 42,166,129
		2011	$ 2,411,378	HW_E3_69O	519	542	1.04	$ 2,519,454	5.50	$ 13,856,999
		2012	$ 1,874,461	HW_E3_69O	512	542	1.06	$ 1,986,232	4.50	$ 8,938,043
		2013	$ 889,651	HW_E3_69O	520	542	1.04	$ 928,183	3.50	$ 3,248,641
		2014	$ 7,477,378	HW_E3_69O	540	542	1.00	$ 7,512,028	0.50	$ 3,756,014
		2015	$ 4,208,040	HW_E3_69O	553	542	0.98	$ 4,122,472	1.50	$ 6,183,708
		2016	$ 1,996,787	HW_E3_69O	542	542	1.00	$ 1,996,787	0.50	$ 998,394
		Total	**$ 127,297,538**					**$ 244,508,989**	**25.21**	**$ 6,164,428,116**
370	Meters	1931	$ 74	HW_E3_70	43	352	8.19	$ 606	85.50	$ 51,779
		1937	$ 11	HW_E3_70	48	352	7.33	$ 79	79.50	$ 6,267
		1940	$ 4	HW_E3_70	48	352	7.33	$ 33	76.50	$ 2,496
		1941	$ 9	HW_E3_70	49	352	7.18	$ 66	75.50	$ 5,017
		1943	$ 145	HW_E3_70	49	352	7.18	$ 1,038	73.50	$ 76,328
		1944	$ 134	HW_E3_70	49	352	7.18	$ 962	72.50	$ 69,758
		1945	$ 239	HW_E3_70	49	352	7.18	$ 1,718	71.50	$ 122,866
		1946	$ 9	HW_E3_70	55	352	6.40	$ 54	70.50	$ 3,835
		1947	$ 134	HW_E3_70	62	352	5.68	$ 761	69.50	$ 52,901
		1948	$ 134	HW_E3_70	65	352	5.42	$ 727	68.50	$ 49,786
		1949	$ 94	HW_E3_70	71	352	4.96	$ 465	67.50	$ 31,363
		1950	$ 36	HW_E3_70	71	352	4.96	$ 181	66.50	$ 12,011
		1951	$ 119	HW_E3_70	71	352	4.96	$ 591	65.50	$ 38,679
		1952	$ 233	HW_E3_70	70	352	5.03	$ 1,172	64.50	$ 75,601
		1953	$ -	HW_E3_70	73	352	4.82	$ -	#DIV/0!	$ -
		1954	$ 599	HW_E3_70	75	352	4.69	$ 2,812	62.50	$ 175,745
		1955	$ 726	HW_E3_70	72	352	4.89	$ 3,551	61.50	$ 218,410
		1956	$ 363	HW_E3_70	75	352	4.69	$ 1,705	60.50	$ 103,161
		1957	$ 1,643	HW_E3_70	79	352	4.46	$ 7,322	59.50	$ 435,656
		1958	$ 14,449	HW_E3_70	81	352	4.35	$ 62,791	58.50	$ 3,673,249
		1959	$ 84,683	HW_E3_70	83	352	4.24	$ 359,136	57.50	$ 20,650,316
		1960	$ 69,679	HW_E3_70	84	352	4.19	$ 291,990	56.50	$ 16,497,449
		1961	$ 83,989	HW_E3_70	83	352	4.24	$ 356,193	55.50	$ 19,768,707
		1962	$ 83,783	HW_E3_70	83	352	4.24	$ 355,322	54.50	$ 19,365,067
		1963	$ 104,873	HW_E3_70	83	352	4.24	$ 444,763	53.50	$ 23,794,831
		1964	$ 109,861	HW_E3_70	83	352	4.24	$ 465,918	52.50	$ 24,460,680
		1965	$ 98,551	HW_E3_70	83	352	4.24	$ 417,953	51.50	$ 21,524,582
		1966	$ 233,632	HW_E3_70	83	352	4.24	$ 990,824	50.50	$ 50,036,592
		1967	$ 190,502	HW_E3_70	84	352	4.19	$ 798,295	49.50	$ 39,515,597
		1968	$ 41,561	HW_E3_70	87	352	4.05	$ 168,153	48.50	$ 8,155,430
		1969	$ 257,477	HW_E3_70	91	352	3.87	$ 995,954	47.50	$ 47,307,792
		1970	$ 99,957	HW_E3_70	95	352	3.71	$ 370,368	46.50	$ 17,222,103
		1971	$ 147,440	HW_E3_70	100	352	3.52	$ 518,988	45.50	$ 23,613,952
		1972	$ 165,777	HW_E3_70	101	352	3.49	$ 577,756	44.50	$ 25,710,164
		1973	$ 197,160	HW_E3_70	100	352	3.52	$ 694,005	43.50	$ 30,189,205
		1974	$ 282,485	HW_E3_70	108	352	3.26	$ 920,690	42.50	$ 39,129,344
		1975	$ 167,244	HW_E3_70	124	352	2.84	$ 474,758	41.50	$ 19,702,470
		1976	$ 135,059	HW_E3_70	133	352	2.65	$ 357,451	40.50	$ 14,476,747
		1977	$ 207,412	HW_E3_70	140	352	2.51	$ 521,494	39.50	$ 20,599,000
		1978	$ 196,047	HW_E3_70	144	352	2.44	$ 479,226	38.50	$ 18,450,210
		1979	$ 285,027	HW_E3_70	148	352	2.38	$ 677,903	37.50	$ 25,421,354
		1980	$ 500,809	HW_E3_70	146	352	2.41	$ 1,207,430	36.50	$ 44,071,179
		1981	$ 810,306	HW_E3_70	163	352	2.16	$ 1,749,863	35.50	$ 62,120,120
		1982	$ 886,248	HW_E3_70	190	352	1.85	$ 1,641,891	34.50	$ 56,645,255
		1983	$ 613,429	HW_E3_70	203	352	1.73	$ 1,063,680	33.50	$ 35,633,290
		1984	$ 1,210,761	HW_E3_70	204	352	1.73	$ 2,089,157	32.50	$ 67,897,605
		1985	$ 1,428,512	HW_E3_70	206	352	1.71	$ 2,440,952	31.50	$ 76,889,995
		1986	$ 1,134,926	HW_E3_70	211	352	1.67	$ 1,893,336	30.50	$ 57,746,748
		1987	$ 1,940,165	HW_E3_70	211	352	1.67	$ 3,236,674	29.50	$ 95,481,887
		1988	$ 1,471,710	HW_E3_70	198	352	1.78	$ 2,622,997	28.50	$ 74,755,420
		1989	$ 1,411,602	HW_E3_70	188	352	1.87	$ 2,643,000	27.50	$ 72,682,507
		1990	$ 1,716,274	HW_E3_70	189	352	1.87	$ 3,204,925	26.50	$ 84,930,504
		1991	$ 1,546,050	HW_E3_70	203	352	1.74	$ 2,684,141	25.50	$ 68,445,586
		1992	$ 1,638,311	HW_E3_70	202	352	1.74	$ 2,851,350	24.50	$ 69,858,087
		1993	$ 918,601	HW_E3_70	205	352	1.72	$ 1,577,305	23.50	$ 37,066,675
		1994	$ 738,561	HW_E3_70	195	352	1.81	$ 1,334,908	22.50	$ 30,035,432

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1995	$ 2,701,722	HW_E3_70	192	352	1.83	$ 4,953,157	21.50	$ 106,492,875
		1996	$ 890,805	HW_E3_70	196	352	1.79	$ 1,597,776	20.50	$ 32,754,404
		1997	$ 1,432,014	HW_E3_70	211	352	1.67	$ 2,394,628	19.50	$ 46,695,237
		1998	$ 1,862,036	HW_E3_70	217	352	1.62	$ 3,023,928	18.50	$ 55,942,677
		1999	$ 3,398,955	HW_E3_70	209	352	1.68	$ 5,717,716	17.50	$ 100,060,034
		2000	$ 2,887,354	HW_E3_70	207	352	1.70	$ 4,915,834	16.50	$ 81,111,256
		2001	$ 1,471,630	HW_E3_70	236	352	1.49	$ 2,199,634	15.50	$ 34,094,322
		2002	$ 2,117,096	HW_E3_70	270	352	1.31	$ 2,765,186	14.50	$ 40,095,204
		2003	$ 160,916	HW_E3_70	291	352	1.21	$ 194,480	13.50	$ 2,625,480
		2004	$ 3,226,312	HW_E3_70	316	352	1.11	$ 3,596,712	12.50	$ 44,958,896
		2005	$ 1,717,198	HW_E3_70	307	352	1.15	$ 1,968,904	11.50	$ 22,642,400
		2006	$ 567,028	HW_E3_70	315	352	1.12	$ 633,129	10.50	$ 6,647,854
		2007	$ 1,097,999	HW_E3_70	325	352	1.08	$ 1,188,686	9.50	$ 11,292,520
		2008	$ 1,149,062	HW_E3_70	332	352	1.06	$ 1,218,282	8.50	$ 10,355,400
		2009	$ 952,137	HW_E3_70	337	352	1.04	$ 994,517	7.50	$ 7,458,878
		2010	$ 344,668	HW_E3_70	345	352	1.02	$ 351,662	6.50	$ 2,285,801
		2011	$ 2,486,172	HW_E3_70	338	352	1.04	$ 2,592,985	5.50	$ 14,261,420
		2012	$ 1,080,283	HW_E3_70	337	352	1.04	$ 1,127,530	4.50	$ 5,073,885
		2013	$ 1,762,566	HW_E3_70	344	352	1.02	$ 1,803,556	3.50	$ 6,312,446
		2014	$ 1,819,602	HW_E3_70	351	352	1.00	$ 1,824,786	0.50	$ 912,393
		2015	$ 492,441	HW_E3_70	354	352	0.99	$ 489,313	1.50	$ 733,970
		2016	$ 876,034	HW_E3_70	352	352	1.00	$ 876,034	0.50	$ 438,017
		Total	**$ 55,721,651**					**$ 89,993,819**	**23.32**	**$ 2,098,302,162**
370.1	Smart Meters	2012	$ 225,784	HW_E3_70	337	352	1.04	$ 235,659	4.50	$ 1,060,465
		2013	$ 715,317	HW_E3_70	344	352	1.02	$ 731,952	3.50	$ 2,561,832
		2014	$ 4,599,821	HW_E3_70	351	352	1.00	$ 4,612,926	0.50	$ 2,306,463
		2015	$ 2,836,483	HW_E3_70	354	352	0.99	$ 2,818,467	1.50	$ 4,227,701
		2016	$ 8,947,239	HW_E3_70	352	352	1.00	$ 8,947,239	0.50	$ 4,473,619
		Total	**$ 17,324,643**					**$ 17,346,243**	**0.84**	**$ 14,630,080**
371	Installations on Customer Pren	1964	$ 1	HW_E3_70	83	352	4.24	$ 6	52.50	$ 303
		1968	$ 11	HW_E3_70	87	352	4.05	$ 43	48.50	$ 2,086
		1971	$ 49,440	HW_E3_70	100	352	3.52	$ 174,030	45.50	$ 7,918,384
		1973	$ 148	HW_E3_70	100	352	3.52	$ 521	43.50	$ 22,674
		1974	$ 403	HW_E3_70	108	352	3.26	$ 1,315	42.50	$ 55,880
		1975	$ 511	HW_E3_70	124	352	2.84	$ 1,451	41.50	$ 60,200
		1976	$ 20,849	HW_E3_70	133	352	2.65	$ 55,179	40.50	$ 2,234,758
		1977	$ 60,024	HW_E3_70	140	352	2.51	$ 150,916	39.50	$ 5,961,194
		1978	$ 197,650	HW_E3_70	144	352	2.44	$ 483,146	38.50	$ 18,601,104
		1979	$ 441,626	HW_E3_70	148	352	2.38	$ 1,050,353	37.50	$ 39,388,241
		1980	$ 707,840	HW_E3_70	146	352	2.41	$ 1,706,574	36.50	$ 62,289,938
		1981	$ 851,210	HW_E3_70	163	352	2.16	$ 1,838,195	35.50	$ 65,255,936
		1982	$ 867,476	HW_E3_70	190	352	1.85	$ 1,607,114	34.50	$ 55,445,438
		1983	$ 880,384	HW_E3_70	203	352	1.73	$ 1,526,577	33.50	$ 51,140,335
		1984	$ 825,726	HW_E3_70	204	352	1.73	$ 1,424,782	32.50	$ 46,305,417
		1985	$ 900,769	HW_E3_70	206	352	1.71	$ 1,539,179	31.50	$ 48,484,125
		1986	$ 740,002	HW_E3_70	211	352	1.67	$ 1,234,506	30.50	$ 37,652,447
		1987	$ 939,185	HW_E3_70	211	352	1.67	$ 1,566,792	29.50	$ 46,220,378
		1988	$ 654,466	HW_E3_70	198	352	1.78	$ 1,166,440	28.50	$ 33,243,544
		1989	$ 674,054	HW_E3_70	188	352	1.87	$ 1,262,059	27.50	$ 34,706,618
		1990	$ 547,329	HW_E3_70	189	352	1.87	$ 1,022,068	26.50	$ 27,084,794
		1991	$ 526,861	HW_E3_70	203	352	1.74	$ 914,699	25.50	$ 23,324,814
		1992	$ 558,987	HW_E3_70	202	352	1.74	$ 972,873	24.50	$ 23,835,383
		1993	$ 721,377	HW_E3_70	205	352	1.72	$ 1,238,658	23.50	$ 29,108,458
		1994	$ 1,265,099	HW_E3_70	195	352	1.81	$ 2,286,598	22.50	$ 51,448,460
		1995	$ 1,201,419	HW_E3_70	192	352	1.83	$ 2,202,602	21.50	$ 47,355,945
		1996	$ 1,439,211	HW_E3_70	196	352	1.79	$ 2,581,413	20.50	$ 52,918,976
		1997	$ 2,562,690	HW_E3_70	211	352	1.67	$ 4,285,353	19.50	$ 83,564,391
		1998	$ 2,013,088	HW_E3_70	217	352	1.62	$ 3,269,236	18.50	$ 60,480,860
		1999	$ 981,700	HW_E3_70	209	352	1.68	$ 1,651,414	17.50	$ 28,899,740
		2000	$ 3,438,707	HW_E3_70	207	352	1.70	$ 5,854,533	16.50	$ 96,599,794
		2001	$ 1,142,972	HW_E3_70	236	352	1.49	$ 1,708,391	15.50	$ 26,480,058
		2002	$ 1,149,730	HW_E3_70	270	352	1.31	$ 1,501,689	14.50	$ 21,774,484
		2003	$ 3,486,503	HW_E3_70	291	352	1.21	$ 4,213,731	13.50	$ 56,885,368
		2004	$ 757,817	HW_E3_70	316	352	1.11	$ 844,819	12.50	$ 10,560,234
		2005	$ 736,456	HW_E3_70	307	352	1.15	$ 844,405	11.50	$ 9,710,663
		2006	$ 835,600	HW_E3_70	315	352	1.12	$ 933,010	10.50	$ 9,796,600
		2007	$ 969,450	HW_E3_70	325	352	1.08	$ 1,049,520	9.50	$ 9,970,441
		2008	$ 745,774	HW_E3_70	332	352	1.06	$ 790,700	8.50	$ 6,720,949
		2009	$ 615,205	HW_E3_70	337	352	1.04	$ 642,588	7.50	$ 4,819,412
		2010	$ 624,825	HW_E3_70	345	352	1.02	$ 637,502	6.50	$ 4,143,766
		2011	$ 650,204	HW_E3_70	338	352	1.04	$ 678,138	5.50	$ 3,729,761

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2012	$ 706,177	HW_E3_70	337	352	1.04	$ 737,063	4.50	$ 3,316,783
		2013	$ 423,889	HW_E3_70	344	352	1.02	$ 433,747	3.50	$ 1,518,115
		2014	$ 1,488,012	HW_E3_70	351	352	1.00	$ 1,492,252	0.50	$ 746,126
		2015	$ 842,907	HW_E3_70	354	352	0.99	$ 837,553	1.50	$ 1,256,329
		2016	$ 221,731	HW_E3_70	352	352	1.00	$ 221,731	0.50	$ 110,865
		Total	**$ 39,465,498**					**$ 60,635,464**	**20.63**	**$ 1,251,150,570**
373	Street Lighting/Signal Systems	1935	$ 39,637	HW_E3_73	23	740	32.17	$ 1,275,272	81.50	$ 103,934,635
		1936	$ 19	HW_E3_73	24	740	30.83	$ 582	80.50	$ 46,837
		1937	$ 28	HW_E3_73	25	740	29.60	$ 821	79.50	$ 65,278
		1938	$ 3	HW_E3_73	24	740	30.83	$ 94	78.50	$ 7,406
		1939	$ 149	HW_E3_73	24	740	30.83	$ 4,605	77.50	$ 356,908
		1940	$ 150	HW_E3_73	24	740	30.83	$ 4,631	76.50	$ 354,284
		1941	$ 39	HW_E3_73	26	740	28.46	$ 1,123	75.50	$ 84,815
		1942	$ 5,070	HW_E3_73	26	740	28.46	$ 144,314	74.50	$ 10,751,389
		1943	$ 900	HW_E3_73	26	740	28.46	$ 25,629	73.50	$ 1,883,735
		1944	$ 3,236	HW_E3_73	26	740	28.46	$ 92,092	72.50	$ 6,676,639
		1945	$ 715	HW_E3_73	26	740	28.46	$ 20,336	71.50	$ 1,454,028
		1946	$ 1,952	HW_E3_73	29	740	25.52	$ 49,806	70.50	$ 3,511,347
		1947	$ 1,688	HW_E3_73	36	740	20.56	$ 34,702	69.50	$ 2,411,767
		1948	$ 5,322	HW_E3_73	39	740	18.97	$ 100,989	68.50	$ 6,917,768
		1949	$ 8,532	HW_E3_73	42	740	17.62	$ 150,324	67.50	$ 10,146,843
		1950	$ 15,032	HW_E3_73	44	740	16.82	$ 252,810	66.50	$ 16,811,892
		1951	$ 19,594	HW_E3_73	49	740	15.10	$ 295,913	65.50	$ 19,382,332
		1952	$ 31,829	HW_E3_73	50	740	14.80	$ 471,069	64.50	$ 30,383,973
		1953	$ 21,538	HW_E3_73	51	740	14.51	$ 312,507	63.50	$ 19,844,209
		1954	$ 20,365	HW_E3_73	54	740	13.70	$ 279,079	62.50	$ 17,442,468
		1955	$ 32,359	HW_E3_73	55	740	13.45	$ 435,374	61.50	$ 26,775,502
		1956	$ 31,599	HW_E3_73	58	740	12.76	$ 403,154	60.50	$ 24,390,835
		1957	$ 72,166	HW_E3_73	62	740	11.94	$ 861,332	59.50	$ 51,249,265
		1958	$ 69,763	HW_E3_73	66	740	11.21	$ 782,192	58.50	$ 45,758,212
		1959	$ 45,669	HW_E3_73	65	740	11.38	$ 519,922	57.50	$ 29,895,506
		1960	$ 173,946	HW_E3_73	65	740	11.38	$ 1,980,306	56.50	$ 111,887,316
		1961	$ 102,544	HW_E3_73	65	740	11.38	$ 1,167,424	55.50	$ 64,792,032
		1962	$ 270,233	HW_E3_73	65	740	11.38	$ 3,076,496	54.50	$ 167,669,009
		1963	$ 198,912	HW_E3_73	66	740	11.21	$ 2,230,228	53.50	$ 119,317,194
		1964	$ 101,565	HW_E3_73	67	740	11.04	$ 1,121,766	52.50	$ 58,892,738
		1965	$ 128,456	HW_E3_73	67	740	11.04	$ 1,418,766	51.50	$ 73,066,454
		1966	$ 141,983	HW_E3_73	69	740	10.72	$ 1,522,717	50.50	$ 76,897,202
		1967	$ 192,961	HW_E3_73	73	740	10.14	$ 1,956,039	49.50	$ 96,823,923
		1968	$ 406,506	HW_E3_73	75	740	9.87	$ 4,010,860	48.50	$ 194,526,709
		1969	$ 240,217	HW_E3_73	82	740	9.02	$ 2,167,808	47.50	$ 102,970,883
		1970	$ 163,658	HW_E3_73	90	740	8.22	$ 1,345,634	46.50	$ 62,571,962
		1971	$ 153,631	HW_E3_73	94	740	7.87	$ 1,209,432	45.50	$ 55,029,163
		1972	$ 277,652	HW_E3_73	98	740	7.55	$ 2,096,553	44.50	$ 93,296,614
		1973	$ 506,499	HW_E3_73	100	740	7.40	$ 3,748,095	43.50	$ 163,042,147
		1974	$ 346,576	HW_E3_73	122	740	6.07	$ 2,102,184	42.50	$ 89,342,825
		1975	$ 855,528	HW_E3_73	148	740	5.00	$ 4,277,640	41.50	$ 177,522,050
		1976	$ 818,954	HW_E3_73	156	740	4.74	$ 3,884,780	40.50	$ 157,333,597
		1977	$ 834,464	HW_E3_73	169	740	4.38	$ 3,653,866	39.50	$ 144,327,693
		1978	$ 640,937	HW_E3_73	185	740	4.00	$ 2,563,749	38.50	$ 98,704,352
		1979	$ 942,137	HW_E3_73	205	740	3.61	$ 3,400,885	37.50	$ 127,533,194
		1980	$ 925,133	HW_E3_73	224	740	3.30	$ 3,056,243	36.50	$ 111,552,886
		1981	$ 665,263	HW_E3_73	245	740	3.02	$ 2,009,366	35.50	$ 71,332,487
		1982	$ 888,352	HW_E3_73	261	740	2.84	$ 2,518,699	34.50	$ 86,895,122
		1983	$ 1,297,282	HW_E3_73	262	740	2.82	$ 3,664,079	33.50	$ 122,746,636
		1984	$ 1,372,605	HW_E3_73	273	740	2.71	$ 3,720,615	32.50	$ 120,919,974
		1985	$ 1,192,620	HW_E3_73	283	740	2.61	$ 3,118,512	31.50	$ 98,233,138
		1986	$ 573,553	HW_E3_73	283	740	2.61	$ 1,499,750	30.50	$ 45,742,363
		1987	$ 750,963	HW_E3_73	271	740	2.73	$ 2,050,600	29.50	$ 60,492,713
		1988	$ 893,883	HW_E3_73	274	740	2.70	$ 2,411,937	28.50	$ 68,740,200
		1989	$ 1,513,364	HW_E3_73	284	740	2.61	$ 3,950,227	27.50	$ 108,631,238
		1990	$ 1,357,912	HW_E3_73	292	740	2.54	$ 3,444,233	26.50	$ 91,272,182
		1991	$ 1,555,560	HW_E3_73	302	740	2.45	$ 3,814,796	25.50	$ 97,277,293
		1992	$ 1,438,697	HW_E3_73	313	740	2.37	$ 3,404,112	24.50	$ 83,400,736
		1993	$ 1,834,942	HW_E3_73	326	740	2.27	$ 4,171,605	23.50	$ 98,032,712
		1994	$ 2,495,687	HW_E3_73	342	740	2.17	$ 5,403,975	22.50	$ 121,589,439
		1995	$ 2,052,117	HW_E3_73	358	740	2.07	$ 4,247,739	21.50	$ 91,326,382
		1996	$ 3,048,535	HW_E3_73	377	740	1.96	$ 5,987,832	20.50	$ 122,750,560
		1997	$ 967,365	HW_E3_73	387	740	1.91	$ 1,852,134	19.50	$ 36,116,614
		1998	$ 1,165,480	HW_E3_73	389	740	1.90	$ 2,218,533	18.50	$ 41,042,867
		1999	$ 2,772,345	HW_E3_73	394	740	1.88	$ 5,206,942	17.50	$ 91,121,479

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2000	$ 1,667,038	HW_E3_73	402	740	1.84	$ 3,068,676	16.50	$ 50,633,154
		2001	$ 2,180,229	HW_E3_73	416	740	1.78	$ 3,882,960	15.50	$ 60,185,878
		2002	$ 1,967,174	HW_E3_73	444	740	1.67	$ 3,282,319	14.50	$ 47,593,629
		2003	$ 1,275,503	HW_E3_73	471	740	1.57	$ 2,005,039	13.50	$ 27,068,029
		2004	$ 1,572,376	HW_E3_73	483	740	1.53	$ 2,407,777	12.50	$ 30,097,217
		2005	$ 1,559,415	HW_E3_73	510	740	1.45	$ 2,261,571	11.50	$ 26,008,070
		2006	$ 2,272,978	HW_E3_73	583	740	1.27	$ 2,886,321	10.50	$ 30,306,369
		2007	$ 2,334,971	HW_E3_73	628	740	1.18	$ 2,752,132	9.50	$ 26,145,250
		2008	$ 1,614,254	HW_E3_73	681	740	1.09	$ 1,754,753	8.50	$ 14,915,401
		2009	$ 1,701,512	HW_E3_73	753	740	0.98	$ 1,672,691	7.50	$ 12,545,186
		2010	$ 1,370,044	HW_E3_73	735	740	1.01	$ 1,378,895	6.50	$ 8,962,817
		2011	$ 1,633,340	HW_E3_73	752	740	0.98	$ 1,607,276	5.50	$ 8,840,017
		2012	$ 1,745,478	HW_E3_73	776	740	0.95	$ 1,665,038	4.50	$ 7,492,673
		2013	$ 622,150	HW_E3_73	771	740	0.96	$ 597,135	3.50	$ 2,089,972
		2014	$ 2,176,769	HW_E3_73	744	740	1.00	$ 2,166,522	0.50	$ 1,083,261
		2015	$ 1,075,538	HW_E3_73	751	740	0.99	$ 1,059,432	1.50	$ 1,589,148
		2016	$ 137,232	HW_E3_73	740	740	1.00	$ 137,232	0.50	$ 68,616
		Total	**$ 63,592,372**					**$ 157,791,602**	**30.36**	**$ 4,790,926,641**
389	Land	1902	$ 10,403	none	1	1	1.00	$ 10,403	114.50	$ 1,191,168
		1923	$ 20,922	none	1	1	1.00	$ 20,922	93.50	$ 1,956,219
		1925	$ 48,902	none	1	1	1.00	$ 48,902	91.50	$ 4,474,572
		1935	$ 220	none	1	1	1.00	$ 220	81.50	$ 17,930
		1946	$ 14,800	none	1	1	1.00	$ 14,800	70.50	$ 1,043,369
		1947	$ 6,787	none	1	1	1.00	$ 6,787	69.50	$ 471,683
		1953	$ 78,721	none	1	1	1.00	$ 78,721	63.50	$ 4,998,774
		1957	$ 6,576	none	1	1	1.00	$ 6,576	59.50	$ 391,257
		1962	$ 1,156,244	none	1	1	1.00	$ 1,156,244	54.50	$ 63,015,311
		1964	$ 12,815	none	1	1	1.00	$ 12,815	52.50	$ 672,783
		1967	$ 2,971	none	1	1	1.00	$ 2,971	49.50	$ 147,070
		1968	$ 422,868	none	1	1	1.00	$ 422,868	48.50	$ 20,509,102
		1969	$ 767	none	1	1	1.00	$ 767	47.50	$ 36,435
		1973	$ 12,745	none	1	1	1.00	$ 12,745	43.50	$ 554,398
		1975	$ 5,742	none	1	1	1.00	$ 5,742	41.50	$ 238,296
		1976	$ 11,445	none	1	1	1.00	$ 11,445	40.50	$ 463,542
		1978	$ 87,966	none	1	1	1.00	$ 87,966	38.50	$ 3,386,709
		1981	$ 30,010	none	1	1	1.00	$ 30,010	35.50	$ 1,065,337
		1985	$ 14,213	none	1	1	1.00	$ 14,213	31.50	$ 447,713
		1989	$ 27,680	none	1	1	1.00	$ 27,680	27.50	$ 761,200
		1990	$ 56,604	none	1	1	1.00	$ 56,604	26.50	$ 1,499,996
		1992	$ 877,056	none	1	1	1.00	$ 877,056	24.50	$ 21,487,871
		1994	$ 590,119	none	1	1	1.00	$ 590,119	22.50	$ 13,277,674
		1995	$ 132,551	none	1	1	1.00	$ 132,551	21.50	$ 2,849,847
		1996	$ 15,000	none	1	1	1.00	$ 15,000	20.50	$ 307,500
		2001	$ 77,026	none	1	1	1.00	$ 77,026	15.50	$ 1,193,901
		2003	$ 9,311	none	1	1	1.00	$ 9,311	13.50	$ 125,704
		2012	$ 22,236	none	1	1	1.00	$ 22,236	4.50	$ 100,061
		Total	**$ 3,752,700**					**$ 3,752,700**	**39.09**	**$ 146,685,423**
390	Strctures & Improvements	1912	$ 504	HW_B3_4	8	524	65.50	$ 33,017	104.50	$ 3,450,302
		1920	$ 778	HW_B3_4	22	524	23.82	$ 18,534	96.50	$ 1,788,542
		1925	$ 127	HW_B3_4	17	524	30.82	$ 3,906	91.50	$ 357,395
		1926	$ 3,725	HW_B3_4	16	524	32.75	$ 121,982	90.50	$ 11,039,338
		1927	$ 39,157	HW_B3_4	15	524	34.93	$ 1,367,887	89.50	$ 122,425,885
		1928	$ 181,220	HW_B3_4	15	524	34.93	$ 6,330,631	88.50	$ 560,260,865
		1929	$ 5,516	HW_B3_4	16	524	32.75	$ 180,636	87.50	$ 15,805,670
		1930	$ 39	HW_B3_4	14	524	37.43	$ 1,475	86.50	$ 127,560
		1931	$ 7	HW_B3_4	13	524	40.31	$ 287	85.50	$ 24,538
		1932	$ 436	HW_B3_4	12	524	43.67	$ 19,039	84.50	$ 1,608,767
		1935	$ 73,607	HW_B3_4	14	524	37.43	$ 2,755,007	81.50	$ 224,533,109
		1937	$ 933	HW_B3_4	16	524	32.75	$ 30,560	79.50	$ 2,429,521
		1938	$ 105,522	HW_B3_4	15	524	34.93	$ 3,686,240	78.50	$ 289,369,820
		1939	$ 372	HW_B3_4	15	524	34.93	$ 13,007	77.50	$ 1,008,048
		1940	$ 21,063	HW_B3_4	15	524	34.93	$ 735,797	76.50	$ 56,288,467
		1941	$ 705	HW_B3_4	18	524	29.11	$ 20,515	75.50	$ 1,548,896
		1942	$ 523	HW_B3_4	20	524	26.20	$ 13,700	74.50	$ 1,020,668
		1943	$ 306	HW_B3_4	20	524	26.20	$ 8,005	73.50	$ 588,359
		1944	$ 1,915	HW_B3_4	20	524	26.20	$ 50,172	72.50	$ 3,637,486
		1945	$ 134	HW_B3_4	20	524	26.20	$ 3,519	71.50	$ 251,603
		1946	$ 2,007	HW_B3_4	24	524	21.83	$ 43,829	70.50	$ 3,089,937
		1947	$ 2,441	HW_B3_4	29	524	18.07	$ 44,098	69.50	$ 3,064,801
		1948	$ 43,999	HW_B3_4	36	524	14.56	$ 640,425	68.50	$ 43,869,088
		1949	$ 7,764	HW_B3_4	38	524	13.79	$ 107,068	67.50	$ 7,227,059

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1950	$ 1,370	HW_B3_4	40	524	13.10	$ 17,948	66.50	$ 1,193,563
		1951	$ 39,128	HW_B3_4	41	524	12.78	$ 500,073	65.50	$ 32,754,807
		1952	$ 43,701	HW_B3_4	42	524	12.48	$ 545,221	64.50	$ 35,166,755
		1953	$ 158,347	HW_B3_4	46	524	11.39	$ 1,803,780	63.50	$ 114,540,023
		1954	$ 11,684	HW_B3_4	46	524	11.39	$ 133,091	62.50	$ 8,318,194
		1955	$ 1,361,953	HW_B3_4	49	524	10.69	$ 14,564,554	61.50	$ 895,720,098
		1956	$ 109,813	HW_B3_4	58	524	9.03	$ 992,105	60.50	$ 60,022,375
		1957	$ 88,597	HW_B3_4	64	524	8.19	$ 725,389	59.50	$ 43,160,650
		1958	$ 28,714	HW_B3_4	65	524	8.06	$ 231,477	58.50	$ 13,541,400
		1959	$ 8,289	HW_B3_4	66	524	7.94	$ 65,809	57.50	$ 3,783,999
		1960	$ 35,089	HW_B3_4	64	524	8.19	$ 287,287	56.50	$ 16,231,730
		1961	$ 9,764	HW_B3_4	60	524	8.73	$ 85,273	55.50	$ 4,732,635
		1962	$ 63,474	HW_B3_4	60	524	8.73	$ 554,336	54.50	$ 30,211,313
		1963	$ 94,298	HW_B3_4	61	524	8.59	$ 810,033	53.50	$ 43,336,754
		1964	$ 28,173	HW_B3_4	61	524	8.59	$ 242,010	52.50	$ 12,705,548
		1965	$ 12,620	HW_B3_4	62	524	8.45	$ 106,662	51.50	$ 5,493,074
		1966	$ 2,653,398	HW_B3_4	63	524	8.32	$ 22,069,532	50.50	$ 1,114,511,391
		1967	$ 23,098	HW_B3_4	64	524	8.19	$ 189,113	49.50	$ 9,361,089
		1968	$ 2,163,394	HW_B3_4	68	524	7.71	$ 16,670,859	48.50	$ 808,536,652
		1969	$ 345,960	HW_B3_4	72	524	7.28	$ 2,517,821	47.50	$ 119,596,512
		1970	$ 341,598	HW_B3_4	76	524	6.89	$ 2,355,231	46.50	$ 109,518,248
		1971	$ 59,872	HW_B3_4	83	524	6.31	$ 377,984	45.50	$ 17,198,283
		1972	$ 543,540	HW_B3_4	89	524	5.89	$ 3,200,166	44.50	$ 142,407,396
		1973	$ 50,650	HW_B3_4	100	524	5.24	$ 265,408	43.50	$ 11,545,264
		1974	$ 140,260	HW_B3_4	140	524	3.75	$ 525,913	42.50	$ 22,351,286
		1975	$ 2,323,085	HW_B3_4	161	524	3.25	$ 7,549,124	41.50	$ 313,288,657
		1976	$ 77,159	HW_B3_4	152	524	3.45	$ 265,995	40.50	$ 10,772,802
		1977	$ 130,282	HW_B3_4	153	524	3.42	$ 445,466	39.50	$ 17,595,926
		1978	$ 149,380	HW_B3_4	169	524	3.10	$ 462,483	38.50	$ 17,805,580
		1979	$ 251,573	HW_B3_4	194	524	2.71	$ 681,264	37.50	$ 25,547,385
		1980	$ 364,765	HW_B3_4	225	524	2.33	$ 851,388	36.50	$ 31,075,669
		1981	$ 348,239	HW_B3_4	226	524	2.32	$ 806,529	35.50	$ 28,631,766
		1982	$ 278,021	HW_B3_4	202	524	2.60	$ 722,993	34.50	$ 24,943,259
		1983	$ 243,560	HW_B3_4	200	524	2.62	$ 637,332	33.50	$ 21,350,611
		1984	$ 867,918	HW_B3_4	222	524	2.36	$ 2,046,295	32.50	$ 66,504,597
		1985	$ 910,691	HW_B3_4	236	524	2.22	$ 2,019,903	31.50	$ 63,626,952
		1986	$ 668,138	HW_B3_4	244	524	2.15	$ 1,434,853	30.50	$ 43,763,029
		1987	$ 1,179,554	HW_B3_4	251	524	2.09	$ 2,460,045	29.50	$ 72,571,332
		1988	$ 1,561,477	HW_B3_4	268	524	1.96	$ 3,055,887	28.50	$ 87,092,789
		1989	$ 1,919,572	HW_B3_4	279	524	1.88	$ 3,608,451	27.50	$ 99,232,398
		1990	$ 2,841,923	HW_B3_4	278	524	1.88	$ 5,356,719	26.50	$ 141,953,046
		1991	$ 1,231,890	HW_B3_4	251	524	2.09	$ 2,569,195	25.50	$ 65,514,471
		1992	$ 3,761,031	HW_B3_4	249	524	2.10	$ 7,914,779	24.50	$ 193,912,097
		1993	$ 1,794,569	HW_B3_4	267	524	1.96	$ 3,521,925	23.50	$ 82,765,233
		1994	$ 833,407	HW_B3_4	293	524	1.79	$ 1,489,191	22.50	$ 33,506,791
		1995	$ 2,378,062	HW_B3_4	306	524	1.72	$ 4,078,901	21.50	$ 87,696,372
		1996	$ 480,194	HW_B3_4	306	524	1.72	$ 823,638	20.50	$ 16,884,585
		1997	$ 476,323	HW_B3_4	319	524	1.64	$ 782,424	19.50	$ 15,257,271
		1998	$ 430,148	HW_B3_4	324	524	1.62	$ 696,746	18.50	$ 12,889,808
		1999	$ 395,145	HW_B3_4	332	524	1.58	$ 624,132	17.50	$ 10,922,317
		2000	$ 370,233	HW_B3_4	350	524	1.50	$ 553,895	16.50	$ 9,139,276
		2001	$ 993,512	HW_B3_4	362	524	1.45	$ 1,439,116	15.50	$ 22,306,292
		2002	$ 1,700,355	HW_B3_4	363	524	1.44	$ 2,452,818	14.50	$ 35,565,864
		2003	$ 903,526	HW_B3_4	374	524	1.40	$ 1,265,057	13.50	$ 17,078,272
		2004	$ 577,701	HW_B3_4	422	524	1.24	$ 718,186	12.50	$ 8,977,330
		2005	$ 243,763	HW_B3_4	438	524	1.20	$ 291,458	11.50	$ 3,351,771
		2006	$ 625,927	HW_B3_4	457	524	1.15	$ 717,300	10.50	$ 7,531,652
		2007	$ 1,832,473	HW_B3_4	511	524	1.03	$ 1,880,878	9.50	$ 17,868,339
		2008	$ 2,642,907	HW_B3_4	541	524	0.97	$ 2,561,042	8.50	$ 21,768,854
		2009	$ 2,306,917	HW_B3_4	502	524	1.04	$ 2,410,418	7.50	$ 18,078,132
		2010	$ 1,518,070	HW_B3_4	493	524	1.06	$ 1,614,346	6.50	$ 10,493,247
		2011	$ 2,024,492	HW_B3_4	513	524	1.02	$ 2,068,911	5.50	$ 11,379,008
		2012	$ 1,372,733	HW_B3_4	524	524	1.00	$ 1,372,733	4.50	$ 6,177,300
		2013	$ 6,857,926	HW_B3_4	531	524	0.99	$ 6,770,708	3.50	$ 23,697,476
		2014	$ 2,255,864	HW_B3_4	539	524	0.97	$ 2,192,068	0.50	$ 1,096,034
		2015	$ 3,693,870	HW_B3_4	532	524	0.99	$ 3,640,033	1.50	$ 5,460,050
		2016	$ 21,050,442	HW_B3_4	524	524	1.00	$ 21,050,442	0.50	$ 10,525,221
		Total	**$ 85,776,396**					**$ 193,971,481**	**35.30**	**$ 6,846,353,622**
391	Office Furniture & Equip, Electi	1923	$ 121	BLS_PPI_PCU3372	10	137	13.97	$ 1,694	93.50	$ 158,397
		1930	$ 67	BLS_PPI_PCU3372	11	137	12.45	$ 834	86.50	$ 72,172
		1938	$ 134	BLS_PPI_PCU3372	9	137	14.64	$ 1,962	78.50	$ 154,030

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		1940	$ 108	BLS_PPI_PCU3372	9	137	14.60	$ 1,573	76.50	$ 120,318
		1942	$ 180	BLS_PPI_PCU3372	11	137	12.67	$ 2,281	74.50	$ 169,955
		1947	$ 302	BLS_PPI_PCU3372	15	137	9.21	$ 2,786	69.50	$ 193,603
		1949	$ 252	BLS_PPI_PCU3372	16	137	8.74	$ 2,204	67.50	$ 148,756
		1952	$ 420	BLS_PPI_PCU3372	17	137	7.93	$ 3,331	64.50	$ 214,866
		1954	$ 1,155	BLS_PPI_PCU3372	18	137	7.76	$ 8,964	62.50	$ 560,238
		1955	$ 1,015	BLS_PPI_PCU3372	18	137	7.63	$ 7,744	61.50	$ 476,257
		1956	$ 5,409	BLS_PPI_PCU3372	19	137	7.38	$ 39,913	60.50	$ 2,414,766
		1957	$ 1,843	BLS_PPI_PCU3372	19	137	7.14	$ 13,164	59.50	$ 783,270
		1958	$ 295	BLS_PPI_PCU3372	20	137	6.98	$ 2,060	58.50	$ 120,503
		1960	$ 398	BLS_PPI_PCU3372	20	137	6.79	$ 2,703	56.50	$ 152,691
		1961	$ 447	BLS_PPI_PCU3372	20	137	6.72	$ 3,005	55.50	$ 166,798
		1962	$ 942	BLS_PPI_PCU3372	21	137	6.64	$ 6,251	54.50	$ 340,681
		1963	$ 3,969	BLS_PPI_PCU3372	21	137	6.56	$ 26,057	53.50	$ 1,394,036
		1964	$ 165	BLS_PPI_PCU3372	21	137	6.47	$ 1,069	52.50	$ 56,107
		1965	$ 391	BLS_PPI_PCU3372	22	137	6.35	$ 2,482	51.50	$ 127,848
		1966	$ 3,533	BLS_PPI_PCU3372	22	137	6.18	$ 21,819	50.50	$ 1,101,856
		1967	$ 2,059	BLS_PPI_PCU3372	23	137	6.00	$ 12,359	49.50	$ 611,764
		1968	$ 3,842	BLS_PPI_PCU3372	24	137	5.76	$ 22,115	48.50	$ 1,072,576
		1969	$ 949	BLS_PPI_PCU3372	25	137	5.49	$ 5,204	47.50	$ 247,214
		1970	$ 3,554	BLS_PPI_PCU3372	26	137	5.21	$ 18,520	46.50	$ 861,198
		1971	$ 3,678	BLS_PPI_PCU3372	28	137	4.96	$ 18,240	45.50	$ 829,927
		1972	$ 3,580	BLS_PPI_PCU3372	29	137	4.75	$ 17,019	44.50	$ 757,335
		1973	$ 2,736	BLS_PPI_PCU3372	30	137	4.51	$ 12,334	43.50	$ 536,528
		1974	$ 4,247	BLS_PPI_PCU3372	33	137	4.14	$ 17,570	42.50	$ 746,705
		1975	$ 40,287	BLS_PPI_PCU3372	36	137	3.79	$ 152,538	41.50	$ 6,330,327
		1976	$ 46,456	BLS_PPI_PCU3372	38	137	3.59	$ 166,740	40.50	$ 6,752,963
		1977	$ 93,827	BLS_PPI_PCU3372	41	137	3.38	$ 317,094	39.50	$ 12,525,211
		1978	$ 88,427	BLS_PPI_PCU3372	43	137	3.16	$ 279,236	38.50	$ 10,750,598
		1979	$ 99,466	BLS_PPI_PCU3372	47	137	2.92	$ 290,143	37.50	$ 10,880,366
		1980	$ 274,071	BLS_PPI_PCU3372	51	137	2.68	$ 733,336	36.50	$ 26,766,758
		1981	$ 369,247	BLS_PPI_PCU3372	56	137	2.45	$ 903,636	35.50	$ 32,079,090
		1982	$ 207,663	BLS_PPI_PCU3372	59	137	2.30	$ 478,515	34.50	$ 16,508,780
		1983	$ 165,233	BLS_PPI_PCU3372	62	137	2.22	$ 366,280	33.50	$ 12,270,369
		1984	$ 167,523	BLS_PPI_PCU3372	64	137	2.14	$ 358,629	32.50	$ 11,655,426
		1985	$ 343,208	BLS_PPI_PCU3372	66	137	2.07	$ 711,961	31.50	$ 22,426,762
		1986	$ 165,814	BLS_PPI_PCU3372	67	137	2.03	$ 337,165	30.50	$ 10,283,537
		1987	$ 307,381	BLS_PPI_PCU3372	69	137	1.98	$ 609,477	29.50	$ 17,979,558
		1988	$ 627,172	BLS_PPI_PCU3372	71	137	1.92	$ 1,201,487	28.50	$ 34,242,372
		1989	$ 454,289	BLS_PPI_PCU3372	74	137	1.84	$ 837,718	27.50	$ 23,037,238
		1990	$ 965,565	BLS_PPI_PCU3372	77	137	1.78	$ 1,717,032	26.50	$ 45,501,337
		1991	$ 514,765	BLS_PPI_PCU3372	80	137	1.72	$ 885,897	25.50	$ 22,590,362
		1992	$ 863,998	BLS_PPI_PCU3372	81	137	1.68	$ 1,453,772	24.50	$ 35,617,424
		1993	$ 591,411	BLS_PPI_PCU3372	83	137	1.64	$ 971,989	23.50	$ 22,841,748
		1994	$ 521,663	BLS_PPI_PCU3372	85	137	1.61	$ 839,497	22.50	$ 18,888,692
		1995	$ 501,790	BLS_PPI_PCU3372	87	137	1.58	$ 791,018	21.50	$ 17,006,889
		1996	$ 741,420	BLS_PPI_PCU3372	88	137	1.55	$ 1,147,817	20.50	$ 23,530,246
		1997	$ 339,382	BLS_PPI_PCU3372	90	137	1.52	$ 516,565	19.50	$ 10,073,021
		1998	$ 549,478	BLS_PPI_PCU3372	91	137	1.51	$ 827,364	18.50	$ 15,306,235
		1999	$ 41,730	BLS_PPI_PCU3372	92	137	1.48	$ 61,888	17.50	$ 1,083,034
		2000	$ 591,154	BLS_PPI_PCU3372	94	137	1.45	$ 857,203	16.50	$ 14,143,853
		2001	$ 378,108	BLS_PPI_PCU3372	97	137	1.42	$ 536,054	15.50	$ 8,308,840
		2002	$ 630,161	BLS_PPI_PCU3372	98	137	1.40	$ 879,895	14.50	$ 12,758,485
		2003	$ 161,007	BLS_PPI_PCU3372	100	137	1.37	$ 220,419	13.50	$ 2,975,658
		2004	$ 186,237	BLS_PPI_PCU3372	105	137	1.30	$ 242,587	12.50	$ 3,032,332
		2005	$ 258,361	BLS_PPI_PCU3372	112	137	1.23	$ 317,216	11.50	$ 3,647,985
		2006	$ 315,503	BLS_PPI_PCU3372	114	137	1.20	$ 379,546	10.50	$ 3,985,234
		2007	$ 212,398	BLS_PPI_PCU3372	117	137	1.17	$ 249,163	9.50	$ 2,367,050
		2008	$ 1,315,037	BLS_PPI_PCU3372	121	137	1.13	$ 1,485,384	8.50	$ 12,625,764
		2009	$ 254,075	BLS_PPI_PCU3372	125	137	1.10	$ 279,156	7.50	$ 2,093,671
		2010	$ 333,909	BLS_PPI_PCU3372	126	137	1.09	$ 363,661	6.50	$ 2,363,794
		2011	$ 330,613	BLS_PPI_PCU3372	129	137	1.06	$ 351,132	5.50	$ 1,931,224
		2012	$ 487,660	BLS_PPI_PCU3372	131	137	1.04	$ 508,072	4.50	$ 2,286,322
		2013	$ 744,225	BLS_PPI_PCU3372	132	137	1.04	$ 770,684	3.50	$ 2,697,393
		2014	$ 720,108	BLS_PPI_PCU3372	136	137	1.01	$ 726,922	0.50	$ 363,461
		2015	$ 818,434	BLS_PPI_PCU3372	137	137	1.00	$ 819,882	1.50	$ 1,229,822
		2016	$ 2,789,280	BLS_PPI_PCU3372	137	137	1.00	$ 2,785,211	0.50	$ 1,392,605
		Total	**$ 19,653,324**					**$ 29,004,236**	**19.30**	**$ 559,722,230**
391.6	Computer Equipment, Electric	2008	$ 1,509,375	BLS_PPI_PCU3372	121	137	1.13	$ 1,704,896	8.50	$ 14,491,615
		2009	$ 4,848,307	BLS_PPI_PCU3372	125	137	1.10	$ 5,326,912	7.50	$ 39,951,836
		2010	$ 2,648,850	BLS_PPI_PCU3372	126	137	1.09	$ 2,884,865	6.50	$ 18,751,625

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2011	$ 3,388,416	BLS_PPI_PCU3372	129	137	1.06	$ 3,598,713	5.50	$ 19,792,923
		2012	$ 2,062,098	BLS_PPI_PCU3372	131	137	1.04	$ 2,148,411	4.50	$ 9,667,850
		2013	$ 3,074,071	BLS_PPI_PCU3372	132	137	1.04	$ 3,183,361	3.50	$ 11,141,764
		2014	$ 3,898,071	BLS_PPI_PCU3372	136	137	1.01	$ 3,934,958	0.50	$ 1,967,479
		2015	$ 1,707,955	BLS_PPI_PCU3372	137	137	1.00	$ 1,710,975	1.50	$ 2,566,463
		2016	$ 4,911,554	BLS_PPI_PCU3372	137	137	1.00	$ 4,904,389	0.50	$ 2,452,195
		Total	**$ 28,048,697**					**$ 29,397,482**	**4.11**	**$ 120,783,751**
392	Transportation Equipment	1959	$ 2,479	BLS_PPI_PCU336	20	120	6.04	$ 14,983	57.50	$ 861,545
		1976	$ 12,630	BLS_PPI_PCU336	38	120	3.15	$ 39,769	40.50	$ 1,610,628
		1978	$ 6,400	BLS_PPI_PCU336	43	120	2.77	$ 17,730	38.50	$ 682,610
		1983	$ 37,188	BLS_PPI_PCU336	62	120	1.94	$ 72,320	33.50	$ 2,422,728
		1991	$ 85,539	BLS_PPI_PCU336	80	120	1.51	$ 129,145	25.50	$ 3,293,192
		1992	$ 256,719	BLS_PPI_PCU336	81	120	1.48	$ 378,950	24.50	$ 9,284,267
		1993	$ 184,408	BLS_PPI_PCU336	83	120	1.44	$ 265,883	23.50	$ 6,248,261
		1994	$ 252,671	BLS_PPI_PCU336	85	120	1.41	$ 356,718	22.50	$ 8,026,164
		1995	$ 144,740	BLS_PPI_PCU336	87	120	1.38	$ 200,166	21.50	$ 4,303,578
		1996	$ 251,521	BLS_PPI_PCU336	88	120	1.36	$ 341,603	20.50	$ 7,002,857
		1997	$ 221,649	BLS_PPI_PCU336	90	120	1.34	$ 295,965	19.50	$ 5,771,323
		1998	$ 366,263	BLS_PPI_PCU336	91	120	1.32	$ 483,814	18.50	$ 8,950,568
		1999	$ 13,023	BLS_PPI_PCU336	92	120	1.30	$ 16,944	17.50	$ 296,515
		2000	$ 93,654	BLS_PPI_PCU336	94	120	1.27	$ 119,138	16.50	$ 1,965,778
		2001	$ 109,056	BLS_PPI_PCU336	97	120	1.24	$ 135,638	15.50	$ 2,102,391
		2002	$ 100,990	BLS_PPI_PCU336	98	120	1.22	$ 123,707	14.50	$ 1,793,757
		2003	$ 4,265	BLS_PPI_PCU336	100	120	1.20	$ 5,122	13.50	$ 69,144
		2004	$ 39,914	BLS_PPI_PCU336	101	120	1.19	$ 47,509	12.50	$ 593,862
		2005	$ 1,789,689	BLS_PPI_PCU336	103	120	1.17	$ 2,096,991	11.50	$ 24,115,400
		2006	$ 3,072,062	BLS_PPI_PCU336	103	120	1.16	$ 3,575,141	10.50	$ 37,538,984
		2007	$ 2,289,750	BLS_PPI_PCU336	105	120	1.14	$ 2,621,535	9.50	$ 24,904,579
		2008	$ 1,571,758	BLS_PPI_PCU336	107	120	1.12	$ 1,759,256	8.50	$ 14,953,674
		2009	$ 3,370,820	BLS_PPI_PCU336	110	120	1.10	$ 3,697,128	7.50	$ 27,728,458
		2010	$ 4,221,475	BLS_PPI_PCU336	110	120	1.09	$ 4,592,384	6.50	$ 29,850,497
		2011	$ 1,263,753	BLS_PPI_PCU336	112	120	1.07	$ 1,351,530	5.50	$ 7,433,413
		2012	$ 1,281,867	BLS_PPI_PCU336	115	120	1.05	$ 1,341,047	4.50	$ 6,034,713
		2013	$ 4,931,519	BLS_PPI_PCU336	116	120	1.04	$ 5,105,823	3.50	$ 17,870,380
		2014	$ 4,189,606	BLS_PPI_PCU336	118	120	1.02	$ 4,279,277	0.50	$ 2,139,638
		2015	$ 4,179,651	BLS_PPI_PCU336	119	120	1.01	$ 4,208,560	1.50	$ 6,312,841
		2016	$ 3,033,376	BLS_PPI_PCU336	120	120	1.00	$ 3,033,882	0.50	$ 1,516,941
		Total	**$ 37,378,434**					**$ 40,707,659**	**6.53**	**$ 265,678,685**
393	Stores Equipment, Electric	1969	$ 552	HW_E3_42	75	626	8.35	$ 4,606	47.50	$ 218,774
		1970	$ 1,133	HW_E3_42	82	626	7.63	$ 8,648	46.50	$ 402,130
		1971	$ 4,106	HW_E3_42	89	626	7.03	$ 28,879	45.50	$ 1,313,975
		1972	$ 46,484	HW_E3_42	95	626	6.59	$ 306,303	44.50	$ 13,630,471
		1973	$ 85,464	HW_E3_42	100	626	6.26	$ 535,007	43.50	$ 23,272,800
		1974	$ 5,042	HW_E3_42	114	626	5.49	$ 27,687	42.50	$ 1,176,713
		1975	$ 21,585	HW_E3_42	129	626	4.85	$ 104,747	41.50	$ 4,347,000
		1976	$ 48,616	HW_E3_42	139	626	4.50	$ 218,948	40.50	$ 8,867,390
		1977	$ 20,623	HW_E3_42	150	626	4.17	$ 86,068	39.50	$ 3,399,700
		1978	$ 82,265	HW_E3_42	166	626	3.77	$ 310,228	38.50	$ 11,943,788
		1979	$ 34,910	HW_E3_42	182	626	3.44	$ 120,076	37.50	$ 4,502,867
		1980	$ 111,017	HW_E3_42	198	626	3.16	$ 350,993	36.50	$ 12,811,249
		1981	$ 51,280	HW_E3_42	215	626	2.91	$ 149,307	35.50	$ 5,300,412
		1982	$ 24,454	HW_E3_42	230	626	2.72	$ 66,557	34.50	$ 2,296,216
		1983	$ 25,142	HW_E3_42	230	626	2.72	$ 68,429	33.50	$ 2,292,383
		1984	$ 8,918	HW_E3_42	235	626	2.66	$ 23,755	32.50	$ 772,042
		1985	$ 63,052	HW_E3_42	242	626	2.59	$ 163,100	31.50	$ 5,137,655
		1986	$ 19,073	HW_E3_42	248	626	2.52	$ 48,144	30.50	$ 1,468,384
		1987	$ 30,645	HW_E3_42	257	626	2.44	$ 74,645	29.50	$ 2,202,037
		1988	$ 31,195	HW_E3_42	272	626	2.30	$ 71,794	28.50	$ 2,046,117
		1989	$ 20,436	HW_E3_42	285	626	2.20	$ 44,967	27.50	$ 1,236,580
		1990	$ 100,386	HW_E3_42	293	626	2.14	$ 214,476	26.50	$ 5,683,614
		1991	$ 29,079	HW_E3_42	298	626	2.10	$ 61,189	25.50	$ 1,560,316
		1992	$ 14,013	HW_E3_42	302	626	2.07	$ 29,072	24.50	$ 712,258
		1993	$ 327,993	HW_E3_42	309	626	2.03	$ 665,015	23.50	$ 15,627,864
		1994	$ 129,934	HW_E3_42	316	626	1.98	$ 257,198	22.50	$ 5,786,962
		1995	$ 14,805	HW_E3_42	324	626	1.93	$ 28,582	21.50	$ 614,516
		1996	$ 59,372	HW_E3_42	334	626	1.88	$ 111,361	20.50	$ 2,282,910
		1997	$ 1,501	HW_E3_42	343	626	1.83	$ 2,744	19.50	$ 53,513
		1998	$ 6,875	HW_E3_42	353	626	1.78	$ 12,210	18.50	$ 225,877
		2000	$ 46,793	HW_E3_42	369	626	1.70	$ 79,437	16.50	$ 1,310,719
		2001	$ 7,575	HW_E3_42	380	626	1.65	$ 12,478	15.50	$ 193,414
		2003	$ 5,886	HW_E3_42	398	626	1.57	$ 9,253	13.50	$ 124,911

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2004	$ 31,643	HW_E3_42	428	626	1.46	$ 46,336	12.50	$ 579,201
		2005	$ 46,474	HW_E3_42	461	626	1.36	$ 63,141	11.50	$ 726,127
		2006	$ 48,024	HW_E3_42	480	626	1.30	$ 62,664	10.50	$ 657,967
		2007	$ 259,687	HW_E3_42	500	626	1.25	$ 325,176	9.50	$ 3,089,170
		2008	$ 149,899	HW_E3_42	541	626	1.16	$ 173,611	8.50	$ 1,475,692
		2009	$ 258,336	HW_E3_42	542	626	1.15	$ 298,236	7.50	$ 2,236,770
		2010	$ 210,378	HW_E3_42	544	626	1.15	$ 242,201	6.50	$ 1,574,304
		2011	$ 33,043	HW_E3_42	566	626	1.11	$ 36,578	5.50	$ 201,179
		2012	$ 212,479	HW_E3_42	588	626	1.06	$ 226,211	4.50	$ 1,017,949
		2013	$ 126,232	HW_E3_42	596	626	1.05	$ 132,697	3.50	$ 464,439
		2014	$ 31,389	HW_E3_42	614	626	1.02	$ 31,990	0.50	$ 15,995
		2015	$ 56,374	HW_E3_42	623	626	1.00	$ 56,623	1.50	$ 84,935
		Total	**$ 2,944,162**					**$ 5,991,368**	**25.86**	**$ 154,939,285**
394	Tools, Shop & Garage Equip, (	1936	$ 614	BLS_PPI_PCU_3332	14	174	12.06	$ 7,412	80.50	$ 596,633
		1947	$ 4,270	BLS_PPI_PCU_3332	23	174	7.49	$ 31,978	69.50	$ 2,222,496
		1949	$ 605	BLS_PPI_PCU_3332	24	174	7.11	$ 4,302	67.50	$ 290,415
		1955	$ 356	BLS_PPI_PCU_3332	28	174	6.20	$ 2,211	61.50	$ 135,978
		1960	$ 2,133	BLS_PPI_PCU_3332	32	174	5.52	$ 11,780	56.50	$ 665,595
		1962	$ 1,100	BLS_PPI_PCU_3332	32	174	5.40	$ 5,935	54.50	$ 323,483
		1965	$ 500	BLS_PPI_PCU_3332	34	174	5.16	$ 2,581	51.50	$ 132,924
		1966	$ 364	BLS_PPI_PCU_3332	35	174	5.02	$ 1,825	50.50	$ 92,170
		1967	$ 2,020	BLS_PPI_PCU_3332	36	174	4.88	$ 9,854	49.50	$ 487,778
		1969	$ 2,787	BLS_PPI_PCU_3332	39	174	4.46	$ 12,427	47.50	$ 590,288
		1970	$ 1,848	BLS_PPI_PCU_3332	41	174	4.24	$ 7,828	46.50	$ 363,984
		1971	$ 20,590	BLS_PPI_PCU_3332	43	174	4.03	$ 83,003	45.50	$ 3,776,649
		1972	$ 81,699	BLS_PPI_PCU_3332	45	174	3.86	$ 315,673	44.50	$ 14,047,441
		1973	$ 220,481	BLS_PPI_PCU_3332	47	174	3.66	$ 807,943	43.50	$ 35,145,530
		1974	$ 108,744	BLS_PPI_PCU_3332	52	174	3.36	$ 365,641	42.50	$ 15,539,730
		1975	$ 30,142	BLS_PPI_PCU_3332	57	174	3.08	$ 92,759	41.50	$ 3,849,507
		1976	$ 63,831	BLS_PPI_PCU_3332	60	174	2.92	$ 186,211	40.50	$ 7,541,527
		1977	$ 184,982	BLS_PPI_PCU_3332	63	174	2.75	$ 508,119	39.50	$ 20,070,682
		1978	$ 165,449	BLS_PPI_PCU_3332	68	174	2.57	$ 424,648	38.50	$ 16,348,946
		1979	$ 264,523	BLS_PPI_PCU_3332	73	174	2.37	$ 627,164	37.50	$ 23,518,655
		1980	$ 194,536	BLS_PPI_PCU_3332	80	174	2.17	$ 423,075	36.50	$ 15,442,237
		1981	$ 194,549	BLS_PPI_PCU_3332	87	174	1.99	$ 386,977	35.50	$ 13,737,686
		1982	$ 274,939	BLS_PPI_PCU_3332	93	174	1.87	$ 514,934	34.50	$ 17,765,237
		1983	$ 197,964	BLS_PPI_PCU_3332	97	174	1.80	$ 356,682	33.50	$ 11,948,854
		1984	$ 428,519	BLS_PPI_PCU_3332	100	174	1.74	$ 745,622	32.50	$ 24,232,723
		1985	$ 269,527	BLS_PPI_PCU_3332	102	174	1.70	$ 458,433	31.50	$ 14,440,639
		1986	$ 360,659	BLS_PPI_PCU_3332	105	174	1.65	$ 596,527	30.50	$ 18,194,059
		1987	$ 552,387	BLS_PPI_PCU_3332	109	174	1.60	$ 885,855	29.50	$ 26,132,721
		1988	$ 446,506	BLS_PPI_PCU_3332	113	174	1.55	$ 689,983	28.50	$ 19,664,511
		1989	$ 459,446	BLS_PPI_PCU_3332	118	174	1.48	$ 680,371	27.50	$ 18,710,194
		1990	$ 963,011	BLS_PPI_PCU_3332	122	174	1.43	$ 1,377,992	26.50	$ 36,516,799
		1991	$ 483,115	BLS_PPI_PCU_3332	126	174	1.39	$ 669,284	25.50	$ 17,066,740
		1992	$ 708,191	BLS_PPI_PCU_3332	128	174	1.36	$ 959,699	24.50	$ 23,512,618
		1993	$ 852,746	BLS_PPI_PCU_3332	132	174	1.32	$ 1,123,224	23.50	$ 26,395,753
		1994	$ 711,684	BLS_PPI_PCU_3332	134	174	1.30	$ 922,749	22.50	$ 20,761,855
		1995	$ 228,767	BLS_PPI_PCU_3332	137	174	1.27	$ 289,916	21.50	$ 6,233,184
		1996	$ 357,526	BLS_PPI_PCU_3332	141	174	1.24	$ 442,773	20.50	$ 9,076,838
		1997	$ 166,416	BLS_PPI_PCU_3332	143	174	1.22	$ 202,493	19.50	$ 3,948,608
		1998	$ 319,103	BLS_PPI_PCU_3332	145	174	1.20	$ 381,870	18.50	$ 7,064,595
		1999	$ 55,147	BLS_PPI_PCU_3332	147	174	1.18	$ 65,187	17.50	$ 1,140,779
		2000	$ 271,349	BLS_PPI_PCU_3332	149	174	1.17	$ 317,517	16.50	$ 5,239,024
		2001	$ 417,255	BLS_PPI_PCU_3332	150	174	1.16	$ 484,338	15.50	$ 7,507,242
		2002	$ 237,291	BLS_PPI_PCU_3332	150	174	1.16	$ 275,993	14.50	$ 4,001,901
		2003	$ 224,666	BLS_PPI_PCU_3332	150	174	1.16	$ 260,439	13.50	$ 3,515,930
		2004	$ 264,033	BLS_PPI_PCU_3332	153	174	1.14	$ 300,272	12.50	$ 3,753,406
		2005	$ 330,293	BLS_PPI_PCU_3332	156	174	1.12	$ 368,640	11.50	$ 4,239,363
		2006	$ 189,819	BLS_PPI_PCU_3332	159	174	1.10	$ 207,857	10.50	$ 2,182,498
		2007	$ 446,276	BLS_PPI_PCU_3332	163	174	1.07	$ 476,978	9.50	$ 4,531,295
		2008	$ 360,904	BLS_PPI_PCU_3332	166	174	1.05	$ 377,387	8.50	$ 3,207,791
		2009	$ 504,182	BLS_PPI_PCU_3332	166	174	1.05	$ 527,844	7.50	$ 3,958,831
		2010	$ 1,005,289	BLS_PPI_PCU_3332	165	174	1.05	$ 1,060,123	6.50	$ 6,890,797
		2011	$ 421,985	BLS_PPI_PCU_3332	168	174	1.04	$ 437,317	5.50	$ 2,405,242
		2012	$ 509,928	BLS_PPI_PCU_3332	170	174	1.02	$ 522,541	4.50	$ 2,351,436
		2013	$ 614,330	BLS_PPI_PCU_3332	170	174	1.02	$ 629,525	3.50	$ 2,203,339
		2014	$ 553,715	BLS_PPI_PCU_3332	174	174	1.00	$ 553,715	0.50	$ 276,858
		2015	$ 800,738	BLS_PPI_PCU_3332	173	174	1.01	$ 805,911	1.50	$ 1,208,866
		2016	$ 298,286	BLS_PPI_PCU_3332	174	174	1.00	$ 299,042	0.50	$ 149,521
		Total	**$ 16,832,115**					**$ 23,588,380**	**22.70**	**$ 535,350,381**

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
395	Laboratory Equipment, Electric	1956	$ 11,840	BLS_PPI_PCU334516	28	151	5.37	$ 63,556	60.50	$ 3,845,127
		1958	$ 24,798	BLS_PPI_PCU334516	30	151	5.08	$ 125,989	58.50	$ 7,370,362
		1965	$ 718	BLS_PPI_PCU334516	33	151	4.62	$ 3,317	51.50	$ 170,826
		1967	$ 9,807	BLS_PPI_PCU334516	35	151	4.37	$ 42,813	49.50	$ 2,119,223
		1969	$ 1,625	BLS_PPI_PCU334516	38	151	3.99	$ 6,486	47.50	$ 308,062
		1970	$ 268	BLS_PPI_PCU334516	40	151	3.79	$ 1,016	46.50	$ 47,228
		1972	$ 46	BLS_PPI_PCU334516	44	151	3.46	$ 160	44.50	$ 7,117
		1973	$ 9,609	BLS_PPI_PCU334516	46	151	3.28	$ 31,515	43.50	$ 1,370,894
		1974	$ 28,380	BLS_PPI_PCU334516	50	151	3.01	$ 85,404	42.50	$ 3,629,665
		1975	$ 218,730	BLS_PPI_PCU334516	55	151	2.75	$ 602,432	41.50	$ 25,000,908
		1976	$ 68,222	BLS_PPI_PCU334516	58	151	2.61	$ 178,119	40.50	$ 7,213,820
		1977	$ 79,066	BLS_PPI_PCU334516	61	151	2.46	$ 194,374	39.50	$ 7,677,790
		1978	$ 99,851	BLS_PPI_PCU334516	66	151	2.30	$ 229,367	38.50	$ 8,830,639
		1979	$ 75,221	BLS_PPI_PCU334516	71	151	2.12	$ 159,613	37.50	$ 5,985,480
		1980	$ 220,511	BLS_PPI_PCU334516	78	151	1.95	$ 429,201	36.50	$ 15,665,844
		1981	$ 175,679	BLS_PPI_PCU334516	85	151	1.78	$ 312,743	35.50	$ 11,102,382
		1982	$ 164,545	BLS_PPI_PCU334516	90	151	1.68	$ 275,813	34.50	$ 9,515,546
		1983	$ 207,096	BLS_PPI_PCU334516	94	151	1.61	$ 333,949	33.50	$ 11,187,277
		1984	$ 215,697	BLS_PPI_PCU334516	97	151	1.56	$ 335,896	32.50	$ 10,916,631
		1985	$ 430,506	BLS_PPI_PCU334516	100	151	1.51	$ 649,634	31.50	$ 20,463,463
		1986	$ 292,925	BLS_PPI_PCU334516	100	151	1.51	$ 441,583	30.50	$ 13,468,275
		1987	$ 200,976	BLS_PPI_PCU334516	101	151	1.49	$ 299,973	29.50	$ 8,849,215
		1988	$ 232,012	BLS_PPI_PCU334516	103	151	1.46	$ 338,594	28.50	$ 9,649,923
		1989	$ 185,436	BLS_PPI_PCU334516	106	151	1.42	$ 263,734	27.50	$ 7,252,698
		1990	$ 325,058	BLS_PPI_PCU334516	109	151	1.38	$ 449,598	26.50	$ 11,914,358
		1991	$ 314,728	BLS_PPI_PCU334516	112	151	1.35	$ 424,419	25.50	$ 10,822,689
		1992	$ 374,605	BLS_PPI_PCU334516	114	151	1.32	$ 494,990	24.50	$ 12,127,253
		1993	$ 418,283	BLS_PPI_PCU334516	116	151	1.31	$ 546,484	23.50	$ 12,842,379
		1994	$ 465,438	BLS_PPI_PCU334516	117	151	1.29	$ 601,323	22.50	$ 13,529,776
		1995	$ 331,554	BLS_PPI_PCU334516	119	151	1.27	$ 422,207	21.50	$ 9,077,449
		1996	$ 458,233	BLS_PPI_PCU334516	120	151	1.26	$ 576,229	20.50	$ 11,812,685
		1997	$ 175,756	BLS_PPI_PCU334516	122	151	1.24	$ 218,284	19.50	$ 4,256,540
		1998	$ 149,846	BLS_PPI_PCU334516	122	151	1.24	$ 185,646	18.50	$ 3,434,452
		2000	$ 62,662	BLS_PPI_PCU334516	123	151	1.23	$ 77,126	16.50	$ 1,272,584
		2001	$ 354,507	BLS_PPI_PCU334516	124	151	1.21	$ 430,371	15.50	$ 6,670,743
		2002	$ 485,164	BLS_PPI_PCU334516	127	151	1.19	$ 577,832	14.50	$ 8,378,564
		2003	$ 67,366	BLS_PPI_PCU334516	128	151	1.18	$ 79,233	13.50	$ 1,069,642
		2004	$ 212,844	BLS_PPI_PCU334516	129	151	1.17	$ 249,653	12.50	$ 3,120,662
		2005	$ 206,546	BLS_PPI_PCU334516	129	151	1.17	$ 241,606	11.50	$ 2,778,463
		2006	$ 97,490	BLS_PPI_PCU334516	129	151	1.17	$ 113,728	10.50	$ 1,194,143
		2007	$ 277,582	BLS_PPI_PCU334516	135	151	1.12	$ 309,663	9.50	$ 2,941,797
		2008	$ 234,045	BLS_PPI_PCU334516	138	151	1.09	$ 256,109	8.50	$ 2,176,928
		2009	$ 67,246	BLS_PPI_PCU334516	140	151	1.08	$ 72,420	7.50	$ 543,153
		2010	$ 431,748	BLS_PPI_PCU334516	141	151	1.07	$ 463,048	6.50	$ 3,009,809
		2011	$ 253,061	BLS_PPI_PCU334516	141	151	1.07	$ 270,637	5.50	$ 1,488,505
		2012	$ 318,486	BLS_PPI_PCU334516	142	151	1.07	$ 339,403	4.50	$ 1,527,315
		2013	$ 316,048	BLS_PPI_PCU334516	143	151	1.05	$ 332,809	3.50	$ 1,164,833
		2014	$ 235,109	BLS_PPI_PCU334516	146	151	1.04	$ 243,542	0.50	$ 121,771
		2015	$ 237,748	BLS_PPI_PCU334516	148	151	1.02	$ 242,243	1.50	$ 363,365
		2016	$ 33,052	BLS_PPI_PCU334516	151	151	1.00	$ 33,109	0.50	$ 16,554
		Total	**$ 9,857,770**					**$ 13,656,992**	**23.38**	**$ 319,304,807**
396	Power Operated Equipment, E	1981	$ 230,758	BLS_PPI_PCU3336	87	249	2.85	$ 656,580	35.50	$ 23,308,601
		1982	$ 12,442	BLS_PPI_PCU3336	93	249	2.68	$ 33,334	34.50	$ 1,150,036
		1985	$ 107,503	BLS_PPI_PCU3336	102	249	2.43	$ 261,538	31.50	$ 8,238,445
		1986	$ 87,752	BLS_PPI_PCU3336	104	249	2.38	$ 209,026	30.50	$ 6,375,301
		1987	$ 64,610	BLS_PPI_PCU3336	106	249	2.34	$ 151,307	29.50	$ 4,463,544
		1988	$ 94,852	BLS_PPI_PCU3336	110	249	2.26	$ 214,690	28.50	$ 6,118,673
		1989	$ 163,248	BLS_PPI_PCU3336	115	249	2.16	$ 353,146	27.50	$ 9,711,517
		1990	$ 399,210	BLS_PPI_PCU3336	119	249	2.09	$ 835,045	26.50	$ 22,128,698
		1991	$ 84,063	BLS_PPI_PCU3336	123	249	2.03	$ 170,652	25.50	$ 4,351,632
		1993	$ 37,119	BLS_PPI_PCU3336	128	249	1.94	$ 72,141	23.50	$ 1,695,320
		1994	$ 52,319	BLS_PPI_PCU3336	133	249	1.88	$ 98,115	22.50	$ 2,207,583
		1995	$ 49,303	BLS_PPI_PCU3336	137	249	1.81	$ 89,426	21.50	$ 1,922,662
		1996	$ 17,351	BLS_PPI_PCU3336	141	249	1.76	$ 30,588	20.50	$ 627,048
		2002	$ 109,212	BLS_PPI_PCU3336	158	249	1.58	$ 172,217	14.50	$ 2,497,141
		2004	$ 19,500	BLS_PPI_PCU3336	168	249	1.48	$ 28,829	12.50	$ 360,359
		2006	$ 11,274	BLS_PPI_PCU3336	186	249	1.34	$ 15,108	10.50	$ 158,631
		2008	$ 326,221	BLS_PPI_PCU3336	206	249	1.21	$ 393,394	8.50	$ 3,343,847
		2009	$ 3,835	BLS_PPI_PCU3336	222	249	1.12	$ 4,291	7.50	$ 32,185
		2010	$ 172,136	BLS_PPI_PCU3336	225	249	1.11	$ 190,803	6.50	$ 1,240,217
		2012	$ 179,690	BLS_PPI_PCU3336	239	249	1.04	$ 187,081	4.50	$ 841,863

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2013	$ 155,699	BLS_PPI_PCU3336	244	249	1.02	$ 158,923	3.50	$ 556,230
		2015	$ 79,188	BLS_PPI_PCU3336	249	249	1.00	$ 79,172	1.50	$ 118,759
		2016	$ 31,420	BLS_PPI_PCU3336	249	249	1.00	$ 31,420	0.50	$ 15,710
		Total	**$ 2,488,707**					**$ 4,436,826**	**22.87**	**$ 101,464,000**
397	Communication Equipment, El	1960	$ 295	BLS_PPI_PCU3342	52	96	1.82	$ 536	56.50	$ 30,309
		1971	$ 643	BLS_PPI_PCU3342	73	96	1.30	$ 837	45.50	$ 38,076
		1977	$ 504	BLS_PPI_PCU3342	85	96	1.13	$ 568	39.50	$ 22,440
		1978	$ 175	BLS_PPI_PCU3342	87	96	1.10	$ 193	38.50	$ 7,414
		1979	$ 12,032	BLS_PPI_PCU3342	89	96	1.08	$ 12,969	37.50	$ 486,347
		1980	$ 6,020	BLS_PPI_PCU3342	90	96	1.06	$ 6,353	36.50	$ 231,867
		1981	$ 333	BLS_PPI_PCU3342	92	96	1.03	$ 344	35.50	$ 12,209
		1982	$ 23,170	BLS_PPI_PCU3342	94	96	1.01	$ 23,465	34.50	$ 809,539
		1983	$ 14,901	BLS_PPI_PCU3342	96	96	0.99	$ 14,792	33.50	$ 495,536
		1984	$ 220	BLS_PPI_PCU3342	98	96	0.97	$ 215	32.50	$ 6,975
		1985	$ 23,604	BLS_PPI_PCU3342	100	96	0.96	$ 22,542	31.50	$ 710,060
		1986	$ 42,678	BLS_PPI_PCU3342	102	96	0.94	$ 39,997	30.50	$ 1,219,913
		1987	$ 62,128	BLS_PPI_PCU3342	104	96	0.92	$ 57,326	29.50	$ 1,691,122
		1988	$ 48,029	BLS_PPI_PCU3342	104	96	0.92	$ 44,146	28.50	$ 1,258,151
		1989	$ 589,802	BLS_PPI_PCU3342	106	96	0.90	$ 532,383	27.50	$ 14,640,521
		1990	$ 1,923,695	BLS_PPI_PCU3342	108	96	0.89	$ 1,708,957	26.50	$ 45,287,357
		1991	$ 1,843,367	BLS_PPI_PCU3342	109	96	0.88	$ 1,622,503	25.50	$ 41,373,818
		1992	$ 170,882	BLS_PPI_PCU3342	110	96	0.87	$ 148,762	24.50	$ 3,644,670
		1993	$ 188,293	BLS_PPI_PCU3342	112	96	0.85	$ 160,984	23.50	$ 3,783,131
		1994	$ 232,606	BLS_PPI_PCU3342	113	96	0.84	$ 196,062	22.50	$ 4,411,405
		1995	$ 135,018	BLS_PPI_PCU3342	114	96	0.84	$ 113,207	21.50	$ 2,433,941
		1996	$ 1,297,955	BLS_PPI_PCU3342	115	96	0.83	$ 1,077,867	20.50	$ 22,096,275
		1997	$ 25,953	BLS_PPI_PCU3342	116	96	0.83	$ 21,422	19.50	$ 417,722
		1998	$ 14,679	BLS_PPI_PCU3342	115	96	0.83	$ 12,190	18.50	$ 225,519
		2000	$ 89,493	BLS_PPI_PCU3342	110	96	0.87	$ 77,414	16.50	$ 1,277,337
		2001	$ 416,430	BLS_PPI_PCU3342	109	96	0.88	$ 366,198	15.50	$ 5,676,064
		2002	$ 931,640	BLS_PPI_PCU3342	105	96	0.91	$ 847,349	14.50	$ 12,286,563
		2003	$ 17,446	BLS_PPI_PCU3342	102	96	0.94	$ 16,382	13.50	$ 221,161
		2004	$ 183,836	BLS_PPI_PCU3342	98	96	0.97	$ 178,418	12.50	$ 2,230,222
		2005	$ 518,112	BLS_PPI_PCU3342	97	96	0.98	$ 510,100	11.50	$ 5,866,154
		2006	$ 335,702	BLS_PPI_PCU3342	96	96	1.00	$ 334,302	10.50	$ 3,510,171
		2007	$ 67,628	BLS_PPI_PCU3342	96	96	1.00	$ 67,416	9.50	$ 640,449
		2008	$ 128,121	BLS_PPI_PCU3342	97	96	0.98	$ 126,009	8.50	$ 1,071,080
		2009	$ 4,932,236	BLS_PPI_PCU3342	97	96	0.98	$ 4,845,973	7.50	$ 36,344,796
		2010	$ 81,233	BLS_PPI_PCU3342	97	96	0.99	$ 80,059	6.50	$ 520,385

Summary
Replacement Cost New Less Depreciation

Asset Account	Account	Installation Year	Original Cost	Index	Index at Installation	Current Index	Adjustment Factor	Reproduction Cost	Age	Dollar Years
		2011	$ 76,285	BLS_PPI_PCU3342	96	96	0.99	$ 75,651	5.50	$ 416,081
		2012	$ 513,497	BLS_PPI_PCU3342	96	96	1.00	$ 512,959	4.50	$ 2,308,317
		2013	$ 6,230,218	BLS_PPI_PCU3342	95	96	1.00	$ 6,236,748	3.50	$ 21,828,619
		2014	$ 1,112,609	BLS_PPI_PCU3342	96	96	1.00	$ 1,111,154	0.50	$ 555,577
		2015	$ 2,798,959	BLS_PPI_PCU3342	96	96	1.00	$ 2,789,466	1.50	$ 4,184,199
		2016	$ 652,870	BLS_PPI_PCU3342	96	96	1.00	$ 652,870	0.50	$ 326,435
		Total	**$ 25,743,294**					**$ 24,647,088**	**9.92**	**$ 244,597,929**
398	Miscellaneous Equipment, Ele	1964	$ 16	BLS_PPI_PCU335	61	116	1.90	$ 30	52.50	$ 1,560
		1966	$ 362	BLS_PPI_PCU335	63	116	1.84	$ 667	50.50	$ 33,675
		1967	$ 5,594	BLS_PPI_PCU335	64	116	1.82	$ 10,157	49.50	$ 502,792
		1969	$ 2,858	BLS_PPI_PCU335	66	116	1.76	$ 5,031	47.50	$ 238,994
		1970	$ 36,995	BLS_PPI_PCU335	67	116	1.73	$ 64,162	46.50	$ 2,983,518
		1971	$ 4,380	BLS_PPI_PCU335	68	116	1.71	$ 7,485	45.50	$ 340,583
		1972	$ 16,868	BLS_PPI_PCU335	69	116	1.68	$ 28,407	44.50	$ 1,264,095
		1973	$ 9,396	BLS_PPI_PCU335	70	116	1.66	$ 15,598	43.50	$ 678,511
		1974	$ 4,237	BLS_PPI_PCU335	71	116	1.64	$ 6,934	42.50	$ 294,716
		1975	$ 13,883	BLS_PPI_PCU335	72	116	1.61	$ 22,405	41.50	$ 929,822
		1976	$ 2,691	BLS_PPI_PCU335	73	116	1.59	$ 4,283	40.50	$ 173,457
		1977	$ 7,051	BLS_PPI_PCU335	74	116	1.57	$ 11,071	39.50	$ 437,317
		1978	$ 80,578	BLS_PPI_PCU335	75	116	1.55	$ 124,843	38.50	$ 4,806,443
		1979	$ 7,678	BLS_PPI_PCU335	76	116	1.53	$ 11,740	37.50	$ 440,241
		1980	$ 10,252	BLS_PPI_PCU335	77	116	1.51	$ 15,472	36.50	$ 564,719
		1981	$ 22,994	BLS_PPI_PCU335	78	116	1.49	$ 34,256	35.50	$ 1,216,075
		1982	$ 31,333	BLS_PPI_PCU335	79	116	1.47	$ 46,088	34.50	$ 1,590,035
		1983	$ 3,766	BLS_PPI_PCU335	80	116	1.45	$ 5,470	33.50	$ 183,248
		1984	$ 9,111	BLS_PPI_PCU335	81	116	1.43	$ 13,071	32.50	$ 424,804
		1985	$ 22,638	BLS_PPI_PCU335	82	116	1.42	$ 32,079	31.50	$ 1,010,504
		1986	$ 544,939	BLS_PPI_PCU335	83	116	1.40	$ 762,915	30.50	$ 23,268,909
		1987	$ 14,683	BLS_PPI_PCU335	84	116	1.38	$ 20,311	29.50	$ 599,170
		1988	$ 15,108	BLS_PPI_PCU335	85	116	1.37	$ 20,654	28.50	$ 588,632
		1989	$ 476,933	BLS_PPI_PCU335	86	116	1.35	$ 644,414	27.50	$ 17,721,388
		1990	$ 11,678	BLS_PPI_PCU335	87	116	1.34	$ 15,598	26.50	$ 413,335
		1991	$ 19,007	BLS_PPI_PCU335	88	116	1.32	$ 25,098	25.50	$ 640,006
		1992	$ 76,106	BLS_PPI_PCU335	89	116	1.31	$ 99,365	24.50	$ 2,434,436
		1993	$ 32,521	BLS_PPI_PCU335	90	116	1.29	$ 41,989	23.50	$ 986,730
		1994	$ 583,168	BLS_PPI_PCU335	91	116	1.28	$ 744,661	22.50	$ 16,754,870
		1995	$ 6,121	BLS_PPI_PCU335	92	116	1.26	$ 7,731	21.50	$ 166,226
		1996	$ 27,224	BLS_PPI_PCU335	93	116	1.25	$ 34,015	20.50	$ 697,306
		1997	$ 30,798	BLS_PPI_PCU335	94	116	1.24	$ 38,072	19.50	$ 742,403
		1998	$ 9,973	BLS_PPI_PCU335	95	116	1.22	$ 12,199	18.50	$ 225,674
		2000	$ 2,414	BLS_PPI_PCU335	97	116	1.20	$ 2,892	16.50	$ 47,724
		2001	$ 15,563	BLS_PPI_PCU335	98	116	1.19	$ 18,453	15.50	$ 286,026
		2002	$ 9,167	BLS_PPI_PCU335	99	116	1.17	$ 10,759	14.50	$ 156,012
		2003	$ 77,084	BLS_PPI_PCU335	100	116	1.16	$ 89,572	13.50	$ 1,209,216
		2004	$ 43,919	BLS_PPI_PCU335	101	116	1.15	$ 50,529	12.50	$ 631,610
		2005	$ 34,004	BLS_PPI_PCU335	103	116	1.13	$ 38,436	11.50	$ 442,019
		2006	$ 109,464	BLS_PPI_PCU335	105	116	1.10	$ 120,910	10.50	$ 1,269,558
		2007	$ 233,262	BLS_PPI_PCU335	107	116	1.09	$ 253,793	9.50	$ 2,411,034
		2008	$ 275,809	BLS_PPI_PCU335	108	116	1.08	$ 296,525	8.50	$ 2,520,466
		2009	$ 68,177	BLS_PPI_PCU335	109	116	1.07	$ 72,614	7.50	$ 544,607
		2010	$ 59,796	BLS_PPI_PCU335	110	116	1.05	$ 63,052	6.50	$ 409,835
		2011	$ 58,465	BLS_PPI_PCU335	111	116	1.04	$ 61,039	5.50	$ 335,712
		2012	$ 143,704	BLS_PPI_PCU335	113	116	1.03	$ 147,513	4.50	$ 663,807
		2013	$ 71,915	BLS_PPI_PCU335	114	116	1.02	$ 73,432	3.50	$ 257,012
		2014	$ 98,224	BLS_PPI_PCU335	114	116	1.02	$ 99,944	0.50	$ 49,972
		2015	$ 278,858	BLS_PPI_PCU335	116	116	1.01	$ 280,548	1.50	$ 420,823
		2016	$ 14,022	BLS_PPI_PCU335	116	116	1.00	$ 14,022	0.50	$ 7,011
		Total	**$ 3,734,791**					**$ 4,620,304**	**20.57**	**$ 95,016,639**

Total Intangible, Transmission ,Distribution and General Plant	$ 2,058,393,335	$ 4,896,157,901	30.11	$ 147,439,729,541

Construction Cost of Recent Combined Cycle Generators

Power Plant	Owner	State	Year First Unit in Service	Fuel Type	Technology Type	Operating Capacity (MW) 2015	Cost $	Construction Cost ($/kW) 2015	Current Index	Index at Installation Year	Index Factor	Estimated Construction Cost ($/kW) $2016
Bear Garden	Dominion	VA	2011	Gas	Combined Cycle	590	$ 619,000,000	1,049.15	670	601	1	$ 1,170
Buck CC	Duke Energy Carolinas	NC	2011	Gas	Combined Cycle	697	$ 700,000,000	1,003.87	670	601	1	$ 1,119
Cane Run CC	LG&E/KU	KY	2015	Gas	Combined Cycle	640	$ 527,560,555	824.31	670	664	1	$ 832
Cape Canaveral Next Generation Clean Energy Center	Florida Power & Light	FL	2013	Gas	Combined Cycle	1,355	$ 874,596,968	645.46	670	631	1	$ 686
Cherokee Gas Fired Plant	Public Service of Co	CO	2015	Gas	Combined Cycle	569	$ 583,578,463	1,025.62	670	664	1	$ 1,035
Colusa CC (Maxwell Generating Station)	Pacific Gas & Electric	CA	2010	Gas	Combined Cycle	668	$ 645,020,229	965.60	670	577	1	$ 1,122
Dan River CC	Duke Energy Carolinas	NC	2012	Gas	Combined Cycle	672	$ 612,057,944	910.94	670	623	1	$ 979
Jack McDonough CC	Georgia Power	GA	2011	Gas	Combined Cycle	2,739	$ 1,912,257,008	698.16	670	601	1	$ 778
Ninemile 6	Entergy Louisiana	LA	2014	Gas	Combined Cycle	550	$ 620,609,622	1,128.38	670	640	1	$ 1,182
Mean												$ 989
Eagle Valley CCGT	Indianapolis Power & Light IN		2017	Gas	Combined Cycle	671	$ 608,771,370	$ 907.26				907

Construction Cost Estimates
Proposed Combined Cycle Generators

Power Plant	Technology Type	Plant Fuel Type	Plant Operator	Active Phases Earliest Online Year	NERC Region Code	State / Province	Last Active Phase Development Status	Planned Capacity (MW)	Active Phases Maximum Project Cost ($000)		Project Cost $/MW
Bowie CC	Combined Cycle	Gas	Bowie Power Station LLC	2017	WECC	AZ	Advanced Development	1050.00	1,155,000		1,100
Carroll County Energy Center	Combined Cycle	Gas	EthosEnergy	2017	RFC	OH	Construction Begun	700.00	899,000		1,284
Carty Generating Station	Combined Cycle	Gas	Portland General Electric Company	2016	WECC	OR	Advanced Development	900.00	956,000		1,062
CPV St. Charles Energy Center	Combined Cycle	Gas	Ethos Energy Power Plant Services LLC	2017	RFC	MD	Construction Begun	725.00	775,000		1,069
Green Electron Power Project (Greenfield Soutl	Combined Cycle	Gas	Greenfield South Power Corporation	2017	NPCC	Ontario	Construction Begun	300.00	375,795		1,253
La Paloma Energy Center	Combined Cycle	Gas	La Paloma Energy Center LLC	2017	TRE	TX	Advanced Development	735.00	650,000		884
Marshalltown Generating Station	Combined Cycle	Gas	Interstate Power and Light Company	2017	MRO	IA	Construction Begun	705.90	750,000		1,062
Oregon Clean Energy Project	Combined Cycle	Gas	Siemens Energy, Inc.	2017	RFC	OH	Construction Begun	869.00	850,000		978
Panda Liberty Generating Station (Moxie Libert	Combined Cycle	Gas	Panda Liberty O&M LLC	2016	RFC	PA	Construction Begun	936.00	1,029,600		1,100
Paradise CC	Combined Cycle	Gas	Tennessee Valley Authority	2017	SERC	KY	Construction Begun	1025.00	1,076,250		1,050
Patriot Power Generation Plant (Moxie Patriot)	Combined Cycle	Gas	Panda Patriot O&M LLC	2016	RFC	PA	Construction Begun	829.00	911,900		1,100
Salem Harbor Gas Project	Combined Cycle	Gas	NAES Corporation	2017	NPCC	MA	Construction Begun	674.00	1,000,000		1,484
Stonewall Combined-Cycle Project	Combined Cycle	Gas	Green Energy Partners/Stonewall, LLC	2017	SERC	VA	Construction Begun	778.00	855,800		1,100
Tenaska Brownsville Generating Station	Combined Cycle	Gas	Tenaska Inc.	2017	TRE	TX	Advanced Development	800.00	880,000		1,100
W.S. Lee Combined Cycle Project	Combined Cycle	Gas	Duke Energy Carolinas, LLC	2017	SERC	SC	Construction Begun	750.00	700,000		933
Wildcat Point Generation Facility	Combined Cycle	Gas	Old Dominion Electric Cooperative	2017	RFC	MD	Construction Begun	1000.00	1,100,000		1,100
Wolf Hollow II	Combined Cycle	Gas	Exelon Power	2017	TRE	TX	Construction Begun	1000.00	1,100,000		1,100
Woodbridge Energy Center	Combined Cycle	Gas	Competitive Power Ventures Shore, LLC	2016	RFC	NJ	Construction Begun	700.00	735,000		1,050
York 2 Energy Center	Combined Cycle	Gas	Calpine Corporation	2017	RFC	PA	Construction Begun	874.00	961,400		1,100
HenderSun	Combined Cycle	Gas	Westar	2020		KY	Development	778.00	816,900		1,050
Thetford	Combined Cycle	Gas	Consumers Energy	2014	MISO	MI	Development	700.00	525,000		750
	Mean										1,081
Eagle Valley	Combined Cycle	Gas	Indianapolis Power & Light Company	2017	RFC	IN	Construction Begun	671.00	660,640	[1]	985

[1] IPL construction cost includes total production and transmission plant. As shown on RB-4, transmission plant per books as of June 30, 2016 was $2.69 million.
This amount was added to the pro-forma adjustment shown on IPL Witness AEB Attachment 2 to establish the total estimated cost of construction.