

STATE OF INDIANA
JUL 19 2018

STATE OF INDIANA

FILED
June 19, 2018
INDIANA UTILITY
REGULATORY COMMISSION

INDIANA UTILITY REGULATORY COMMISSION

IN THE MATTER OF THE INDIANA UTILITY)
REGULATORY COMMISSION'S INVESTIGATION)
INTO THE IMPACTS OF THE TAX CUTS AND) CAUSE NO. 45032 S11
JOBS ACT OF 2017 AND POSSIBLE RATE)
IMPLICATIONS)

IURC
RESPONDENT'S
EXHIBIT NO. 2
11-1-18 DATE REPORTER AT

PREFILED DIRECT TESTIMONY

OF

BONNIE J. MANN

ON BEHALF OF

MIDWEST NATURAL GAS CORPORATION

MIDWEST NATURAL GAS CORPORATION
PREFILED DIRECT TESTIMONY OF BONNIE J. MANN

1 1. **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is Bonnie J. Mann. My business address is LWG CPAs &
3 Advisors, 1776 North Meridian Street, Indianapolis, Indiana 46202.

4
5 2. **Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND,**
6 **PROFESSIONAL QUALIFICATION, AND ANY EXPERIENCES**
7 **THAT YOU BELIEVE ARE RELEVANT TO THE CONCLUSIONS**
8 **YOU HAVE REACHED IN THIS TESTIMONY.**

9 A. I hold a BS degree in Business with a concentration in Accounting. I
10 am licensed as a Certified Public Accountant in the State of
11 Indiana. LWG CPAs & Advisors (LWG) is a firm that specializes in
12 various financial matters including those specifically related to
13 utilities. I and other colleagues in LWG regularly testify before the
14 Commission on revenue requirements and other matters. Such
15 testimony typically includes the calculation federal income taxes
16 and depreciation. Finally, I and my colleagues have worked with a
17 number of utilities in Cause No. 45032, have reviewed the
18 Commission's Docket Entries in Cause No. 45032, and have
19 attended the conferences that have been held by the Commission
20 under Cause No. 45032.

1 3. **Q. DO YOU BELIEVE YOU UNDERSTAND THE COMMISSION'S**
2 **INVESTIGATION INTO THE TAX CUTS AND JOBS ACT OF 2017**
3 **UNDER CAUSE NO. 45032.**

4 A. Yes.

5
6 4. **Q. ARE YOU WORKING WITH ANY SPECIFIC PUBLIC UTILITIES**
7 **IN THE SUB DOCKETS CREATED UNDER CAUSE NO. 45032?**

8 A. Yes, I and my colleagues are working with the Respondents:
9 Midwest Natural Gas Corporation; Indiana Utilities Corporation;
10 South Eastern Indiana Natural Gas Company, Inc.; Fountaintown
11 Gas Company, Inc.; Community Natural Gas Co., Inc.; Boonville
12 Natural Gas Corporation; and Indiana Natural Gas Corporation. I
13 and my colleagues have also worked with a number of other utilities
14 in 45032, such as Switzerland County Natural Gas Company, Inc.,
15 where sub dockets have not been created.

16
17 5. **Q. HAVE YOU PREVIOUSLY WORKED WITH THESE**
18 **COMPANIES?**

19 A. Yes, I assisted all of these companies in establishing their current
20 base rates.

21
22 6. **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY HERE?**

23 A. We have been asked to assist the above public utilities in
24 responding to the Commission's Docket Entry in Cause No. 45032
25 dated May 14, 2018 creating sub dockets.

1
2 7. **Q. WHAT IS YOUR UNDERSTANDING OF THE REQUIREMENTS**
3 **OF THAT DOCKET ENTRY?**

4 A. It is our understanding that these sub dockets are meant to cover
5 all the issues related to the Tax Cuts and Jobs Act that were not
6 addressed in Phase I. We believe the docket entry requires that
7 each of our Respondents file a Case-in-Chief by June 19, 2018.
8 Such Case-in-Chief should consider the material filed by the
9 Consumer Parties on May 2, 2018 and any other matters the
10 Respondents believe are relevant.

11
12 8. **Q. IS THE PROCESS OF DETERMINING THE AMOUNT OF**
13 **EXCESS ACCUMULATED DEFERRED FEDERAL INCOME TAX**
14 **A SIMPLE MATH CALCULATION FOR THESE SUB DOCKETS?**

15 A. No. An over simplification of the process would describe the
16 calculation of excess accumulated deferred federal income taxes
17 as the difference between deferred income taxes calculated at the
18 prior tax rate and the current tax rate. But deferred federal income
19 taxes are created by a series of individual numbers each requiring
20 a different measurement and some of those measurements even
21 differ by jurisdiction such as federal versus state. Some of those
22 deferred income taxes are related to long term assets and will be
23 paid by the utility over a number of years in the future. Some
24 deferred taxes relate to short term assets and will be paid back by

1 the utility in the year after they are incurred. Additionally for non-
2 December tax filers there is the added complication that
3 measurements are not being made at a calendar year end date and
4 the tax rate on their next tax return will not be 21%. While the
5 calculation of the excess accumulated deferred federal income
6 taxes was not different for each group, the calculation of the
7 accumulated deferred federal income taxes were.

8
9 **9. Q. WHO ARE THE NON-DECEMBER YEAR END FILERS IN THE**
10 **GROUP OF UTILITIES YOU ARE REPRESENTING?**

11 A. Midwest Natural Gas, Indiana Natural Gas, Indiana Utilities and
12 Community Natural Gas do not have tax year ends as of December
13 31. The remaining utilities Boonville Natural Gas, Fountaintown
14 Natural Gas, and South Eastern Natural Gas do file tax returns
15 based on the calendar year.

16
17 **10. Q. PLEASE DESCRIBE THE DIFFERENCE IN CALCULATING THE**
18 **ACCUMULATED DEFERRED FEDERAL INCOME TAXES FOR**
19 **YEAR END TAX FILERS VERSUS FISCAL YEAR TAX FILERS?**

20 A. First I would note that these utilities are small with limited
21 administrative personnel. As a result, they do not recalculate the
22 accumulated deferred federal income tax liability each month. For
23 those utilities with a tax year ending in December 31, 2017 the
24 accumulated deferred federal income tax liability was calculated at

1 the end of the calendar year at 21%, and an excess accumulated
2 deferred federal income tax regulatory liability account was created.
3 For utilities without a tax year ending in December, an estimate was
4 calculated for the excess deferred federal income tax liability and a
5 regulatory liability account was created based on that estimate. The
6 calculation of the final excess deferred income taxes has now been
7 made as part of this Phase II proceeding. As a result some of the
8 utilities have had to make adjustments to the previously recorded
9 estimates.

10
11 **11. Q. WHAT ARE THE UNDERLYING DEFERRED TAX ELEMENTS**
12 **FOR THE SMALL NATURAL GAS UTILITIES YOU ARE**
13 **REPRESENTING IN THE SUB DOCKETS?**

14 A. The exact combination varies by utility. The one that they all have
15 in common, and is the largest deferred tax item, is the difference
16 between book and tax depreciation. Other components of deferred
17 taxes include other comprehensive income components for
18 retirement benefits; unrealized gains and losses on investments;
19 tax carryforwards including capital loss carryforwards, and
20 charitable contribution carryforwards; rate case cost deducted for
21 federal tax purposes but amortized for regulatory purposes; unbilled
22 revenue; and other small miscellaneous differences. In most cases
23 the numbers used here are updated to December 31 for the non-

1 calendar year end filers, but there are some that use the underlying
2 item value at the end of the prior fiscal year as a basis.

3
4 **12. Q. HAVE YOU PROVIDED THE CALCULATION OF THE EXCESS**
5 **ACCUMULATED DEFERRED FEDERAL INCOME TAX FOR**
6 **EACH UTILITY?**

7 A. Yes. Exhibit 1 for each utility includes the calculation of the excess
8 accumulated deferred federal income tax showing the individual
9 components of the calculation including both protected and
10 unprotected portions of the excess accumulated deferred federal
11 income tax liability

12
13 **13. Q. WHY ARE THERE ESTIMATES OF NUMBERS BASED ON THE**
14 **PRIOR YEAR END?**

15 A. The deferred taxes related to the retirement component would
16 require a new retirement study to be performed to be updated. The
17 utilities involved did not believe that it was cost effective to update
18 the study for this one calculation. As a result the numbers included
19 for that component match those from the study performed for the
20 tax year end of the utilities involved.

21
22 **14. Q. IS THE EXCESS ACCUMULATED DEFERRED FEDERAL**
23 **INCOME TAX CALCULATION PRESENTED IN EXHIBIT 1 THE**
24 **AMOUNT THE UTILITY IS PROPOSING TO REFUND?**

1 A. No. I believe the amount to be refunded to customers is the amount
2 that was actually collected from customers in excess of the tax that
3 will be paid.

4
5 15. Q. **WHAT IS THE PROPER METHOD TO CALCULATE THE**
6 **AMOUNT OF DEFERRED TAXES COLLECTED FROM**
7 **CUSTOMERS?**

8 A. You should begin by looking at the income tax calculation from the
9 prior base rate proceeding. The calculation of income tax expense
10 included in the prior revenue requirements is not based on actual
11 taxable income or the actual marginal tax rate of the utility. It is
12 instead calculated on total net operating income from existing
13 customers at the stated rate for that level of income. I would note
14 that this can be an issue itself if permanent tax differences are
15 ignored during the process, or there are components of deferred
16 taxes that don't run through income like those associated with other
17 comprehensive income. As a result the tax expense calculation for
18 revenue requirements is both a current and deferred income tax
19 calculation. The amount of deferred income taxes being collected
20 from customers is the amount embedded in that income tax
21 calculation.

22 16. Q. **HAVE YOU DETERMINED THE AMOUNT OF EXCESS**
23 **ACCUMULATED DEFERRED FEDERAL INCOME TAXES TO BE**
24 **REFUNDED?**

1 A. If the income tax expense calculation includes the revenue for the
2 deferred income taxes then the accumulated deferred income taxes
3 at that point will match up to the income tax calculation. Therefore,
4 I have recalculated the deferred income taxes from each utility's
5 last base rate case assuming a federal tax rate of 21%. The
6 difference between those accumulated deferred federal income tax
7 calculations is the amount of excess accumulated deferred federal
8 income taxes I am proposing be returned to customers. Those
9 calculations can be found on Exhibit 3 for each utility.

10
11 17. Q. **THE EXCESS ACCUMULATED DEFERRED FEDERAL INCOME**
12 **TAX ON EXHIBIT THREE (3) SHOWS THE REMOVAL OF SOME**
13 **ITEMS ORIGINALLY INCLUDED IN THE DEFERRED TAX**
14 **AMOUNTS INCLUDED IN THE AMOUNT USED FOR THE LAST**
15 **BASE RATE CASE, WHY WERE THESE ITEMS REMOVED?**

16 A. The items removed fall into two categories. Short term items and
17 non-income statement items. Short term items are items that are
18 deferred for only one year. As a result those taxes have been
19 incurred and paid at the utility's prior tax rate and therefore do not
20 need to be refunded. Non-income statement items have been
21 removed because they are not included in the tax calculation for the
22 rates and therefore were not collected from customers. Going back
23 to the discussion above that it is the income tax calculation that
24 creates the amount of deferred tax included in rates, any deferred

1 tax items not related to the operating income statement are not
2 going to be included in that calculation and should not be included
3 in the refund calculation.

4
5 **18. Q. WHY DID YOU INCLUDE LESS DOCUMENTATION FOR THE**
6 **CALCULATIONS IN EXHIBIT 3 THAN INCLUDED FOR EXHIBIT**
7 **1?**

8 A. The accumulated deferred federal income tax calculation
9 referenced in exhibit 3 was included in each utilities last rate case
10 and has therefore been previously vetted by both the OUCC and
11 the IURC.

12
13 **19. Q. WHAT IS EXHIBIT 2?**

14 A. Once the amount of the refund to customers has been established,
15 the time frame of the refund must be determined for each utility.
16 Exhibit 2 addresses the time frame. Because the majority of the
17 underlying components are long term, the return of the excess
18 should also extend over multiple years. Based upon the level of
19 detail held by the utilities, it was determined that the alternative
20 weighted average life method should be used. For the protected
21 portion of the excess accumulated deferred federal income taxes
22 each utility has calculated the estimated average remaining useful
23 life of its utility plant in service. The calculations were made based

1 on classes of UPIS and then a weighted average approach was
2 used to determine the final amortization numbers.

3
4 **20. Q. IF THE EXCESS ACCUMULATED DEFERRED FEDERAL**
5 **INCOME TAX REFUND IS BEING CALCULATED BASED ON**
6 **THE LAST RATE CASE, WHY IS IT APPROPRIATE TO USE**
7 **THE CURRENT REMAINING LIVES OF THE ASSETS TO**
8 **RETURN THAT EXCESS?**

9 A. The remaining useful lives of the underlying assets are shorter now
10 than they were at the time of each utility's last rate case. To use
11 the older remaining life to amortize the amounts would extend the
12 refund to the customer beyond the remaining useful life of the
13 assets involved. It would inappropriate to extend the amortization
14 period beyond the lives of the assets involved

15
16 **21. Q. WHAT IS YOUR PROPOSAL FOR THE AMORTIZATION OF THE**
17 **UNPROTECTED EXCESS ACCUMULATED DEFERRED**
18 **FEDERAL INCOME TAXES?**

19 A. Due to the smaller amount involved with these numbers, the utilities
20 have proposed to use the same amortization period for the entire
21 excess accumulated deferred federal income tax. This also has the
22 advantage of making the tracking of the amortization easier for both
23 the small gas utilities and the regulators.

1 **22. Q. OTHER THAN THE CALCULATION OF THE REFUND FOR THE**
2 **EXCESS ACCUMULATED DEFERRED FEDERAL INCOME**
3 **TAXES, WHAT ELSE WAS REQUIRED BY THE IURC DOCKET**
4 **ENTRY?**

5 A. The remaining requirement was focused on the disposition of the
6 over collected revenue from January 1, 2018 through April 30,
7 2018. For this portion of the requirement we are again providing a
8 calculation and recommending a method for returning the over
9 collection over an appropriate period of time.

10 **23. Q. PLEASE EXPLAIN YOUR CALCULATION OF THE OVER**
11 **COLLECTION FOR EACH UTILITY?**
12

13 A. My calculation is reflected in my Exhibit 4 for each utility, except for
14 Midwest Natural Gas and Indiana Natural Gas. The information for
15 those two utilities is being presented by witness David Osmon.
16 During Phase I of this proceeding the IURC approved for each
17 utility a new set of tariffs. These tariffs were approved on April 30,
18 2018 for use starting May 1, 2018. Thus these utilities collected the
19 higher revenue for the first four months of 2018. The calculation
20 shown on the first page of Exhibit 4 is a calculation of the difference
21 in revenue between the pre-April 2018 tariff and the post-April 2018
22 tariff based on the actual volumes sold by the utility. For customer
23 classes whose bills include an NTA adjustment, the change in tariff
24 was calculated for that adjustment and then either added to or

1 removed from the total depending the nature of the NTA in that
2 billing cycle. The net over collection column reflects the amount due
3 to each class of customers based on the difference in the tariff.

4
5 **24. Q. WHAT IS YOUR PROPOSAL FOR RETURNING THE OVER**
6 **COLLECTED REVENUE?**

7 A. The OUCC has suggested that any over collection should be
8 returned to customers over the same time period in which such
9 over collection was created. For the utilities I am representing in
10 this sub docket, the over collection occurred during the four months
11 of January through April. As the Commission is aware, natural gas
12 sales can vary over any given four month period. However, since
13 the over collection occurred during a heating period, these utilities
14 believed, and I agreed, that the refund should also occur over a
15 heating period. Since the Commission has indicated it anticipates
16 concluding these sub dockets with an Order near the end of the
17 calendar year, we are proposing to return the over-collection over
18 the months of January through April 2019.

19
20 **25. Q. WHAT IS THE METHOD OF REFUND THAT THE UTILITIES ARE**
21 **PROPOSING FOR THIS OVER COLLECTION?**

22 A. We are proposing a temporary tracker mechanism with a
23 reconciliation feature. We believe this is the best way to return the
24 over collection to the actual customers who generated the excess

1 revenue for these seven small gas utilities. With that as the goal
2 each utility has calculated a tracker based on the expected revenue
3 for the first four months of 2019. However, even with NTA, there
4 can be changes in consumption that will mean that the revenue is
5 not properly returned to customers during that period. As a result,
6 these utilities are proposing that a reconciliation be completed at
7 the end of that period. The reconciliation for the four month period
8 would be included with the work papers in the GCA filing that
9 includes a reconciliation of April 2019. The difference between the
10 total revenue over collected by the utilities and the amount of
11 revenue returned by the utilities would be included in the schedule
12 12 variances for the GCA.

13
14 **26. Q. IS THERE ANY OTHER INFORMATION THAT YOU BELIEVE IS**
15 **RELEVANT TO THIS CAUSE?**

16 A. Yes. There are a number of issues that I don't believe this sub
17 docket has adequately addressed. Those include blended tax rates,
18 the cost of these proceedings, the impact of the change in deferred
19 taxes on the equity structure, and the impact of this proceeding on
20 risk for these utilities.

21
22 **27. Q. WHAT ARE YOUR CONCERNS RELATED TO BLENDED TAX**
23 **RATES?**

1 A. Cause No. 45032 was started based on the tax rate change on
2 January 1, 2018. There is an embedded assumption that every
3 utility will only pay 21% on the revenue reflected in the tax return for
4 tax year 2018. While I understand that assumption, it does not take
5 into account non calendar year taxpayers. For any tax paying
6 entity that has a non-calendar year end, their tax rate in 2018 will
7 not be 21%. It will be a blended rate based on the number of
8 months at each tax rate during their tax year. In calculating the
9 refund on the over collection of revenue for the first four months of
10 2018 and in calculating the change in deferred taxes, all of the
11 utilities have used a 21% tax rate. However that means that the
12 utilities not using a calendar tax year end will be returning to
13 customers more than they should due to the requirement to pay
14 taxes at a rate higher than 21% during their current tax year.

15
16 **28. Q. WHAT ARE YOUR CONCERNS RELATED TO THE COSTS OF**
17 **THIS PROCEEDING?**

18 A. This proceeding was created by the Commission and all of the
19 small gas utilities were required to be Respondents in this
20 proceeding. These regulatory proceedings come with a cost. The
21 small natural gas utilities I am representing are requesting that the
22 Commission allow them to defer the cost of this proceeding as a
23 regulatory asset that can be reviewed and eventually recovered in
24 their next full base rate case.

1
2 29. Q. **WHAT ARE YOUR CONCERNS ABOUT THE IMPACT OF**
3 **DEFERRED TAXES ON THE CAPITAL STRUCTURE?**

4 A. The IURC has asked these utilities to recalculate those deferred
5 taxes, and to the extent that they are lower, return the excess to
6 customers. Deferred taxes are included in the base rate capital
7 structure at a 0% cost. A high deferred tax value with a 0% cost
8 within the capital structure will result in a lower overall weighted
9 average cost of capital. If the deferred tax number is lowered the
10 weighted average cost of capital goes up and the authorized
11 earnings on the utility should be increased.

12
13 30. Q. **WHAT ARE YOUR CONCERNS RELATED TO RISK TO THESE**
14 **UTILITIES AS A RESULT OF THIS PROCEEDING?**

15 A. I believe risk for utility investors is created by uncertainty.
16 Historically, this Commission has indicated that it would not use
17 single issue ratemaking to change base rates. Further, after
18 requiring the small gas utilities to appear as Respondents in this
19 cause, and instructing each to file a Phase 1 tariff to implement the
20 effect of the Tax Cuts and Jobs Act, Switzerland County Natural
21 Gas' Phase 1 tariff was denied, apparently because it reflected an
22 increase. Since filings under Indiana Code 8-1-2-42 often reflect
23 increases, this denial underscores the uncertainty now created by
24 this proceeding.

1

2

31. Q. ARE YOU PRESENTING NEW TARIFFS IN THIS SUB DOCKET
CHANGES?

3

4

A. No. The tariffs have already been adjusted for the change in the tax
rate. Therefore the only change will be to add the adjustment for
the refunding of the excess accumulated deferred federal income
taxes. The utilities anticipate making a compliance filing once an
Order in these sub dockets have been received.

5

6

7

8

9

10

11

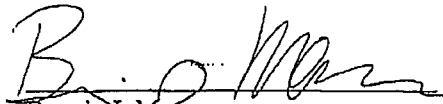
32. Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

12

A. Yes, it does.

VERIFICATION

I affirm under the penalties of perjury that the foregoing is true to the best of my knowledge, information and belief as of the date here filed.


Bonnie J. Mann

CERTIFICATE OF SERVICE

The undersigned certifies that a copy of the foregoing has been served upon the following counsel of record electronically this 19th day of June, 2018:

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L. Parvin Price

Midwest Natural Gas Corporation

EXHIBITS

CAUSE NO. 45032-S11

Midwest Natural Gas Corporation

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Page 6	Deferred Income Tax

Exhibit 2

Page 1	Average Rate Assumption Method ("ARAM")
Page 2	Depreciation Expense - Book
Page 3	Depreciation Expense - Federal
Page 4	Remaining Lives

Exhibit 3

Page 1	Refundable Excess Deferred Income Taxes Calculation
Page 2	Deferred Tax at 34%
Page 3	Deferred Tax at 21%

Midwest Natural Gas Corporation
Deferred Tax Asset/Liability

Line		After Tax Act	Prior to Tax Act
1	Net Book Value, Exhibit I Page 2	15,573,383	15,573,383
2	Plant Costs per Federal Depr Report, Exhibit I Page 4	10,148,357	10,148,357
3	Other Adjustments (Exhibit I Page 10):		
4	Unbilled Revenue	74,110	74,110
5	Unamortized Rate Case	(283,522)	(283,522)
6	Unrealized Gain on ING Investment	(1,403,020)	(1,403,020)
7	Pension - OCI	943,844	943,844
8	Pension	(307,937)	(307,937)
9	Difference in NBV ((Sum Line 2 - 8)- Line 1))	(6,401,551)	(6,401,551)
10	State Deferred Tax Estimate, Exhibit I Page 9	(373,857)	(373,857)
11	NBV less State Deferred Tax Estimate (Line 9 - Line 10)	(6,027,694)	(6,027,694)
12	Tax Rate	21.0%	34.0%
13	Current Period Deferred (Line 11 * Line 12)	(1,265,816)	(2,049,416)
14	Deferred Tax under old rate	(2,049,416)	
15	Deferred Tax under new rate (Line 13)	(1,265,816)	
16	Reg Liability (Line 14 - Line 15)	<u>(783,600)</u>	
Unprotected Accumulated Deferred Income Tax ("ADIT")			
		After Tax Act	Prior to Tax Act
17	Unbilled Revenue	74,110	74,110
18	Unamortized Rate Case	(283,522)	(283,522)
19	Unrealized Gain on ING Investment	(1,403,020)	(1,403,020)
20	Pension - OCI	943,844	943,844
21	Pension	(307,937)	(307,937)
22		(976,525)	(976,525)
23	Tax Rate	21.0%	34.0%
24	Unprotected ADIT	(205,070)	(332,019)
25	Unprotected ADIT After Tax Act	(205,070)	
26	Unprotected ADIT Prior to Tax Act	(332,019)	
27		<u>126,948</u>	
28	State Deferred Tax Estimate (Exhibit I Page 4)	(373,857)	
29	Change in tax rates (34% - 21%)	13.0%	
30		<u>(48,601)</u>	
31	Total Unprotected excess ADIT (Line 27 + Line 30)	<u>78,347</u>	

Midwest Natural Gas Corporation
Trial Balance
December 31, 2017

Line	Account	12/31/2016	12/31/2017
1	0108-00 RESERVE FOR DEPRECIATION	(23,331,197.43)	(23,652,924.31)
2	0301-00 ORGANIZATION	8,512.43	8,512.43
3	0302--00 FRANCHISE& CONSENTS	29,503.16	29,503.16
4	0303--00 MISC INTANGIBLE PLANT	850.00	850.00
5	0304-00 LAND & LAND RIGHTS	11,645.35	11,645.35
6	0336-01 PLAINVILLE PURIFICATION EQUIP	1,633.77	1,633.77
7	0364-00 LAND & LAND RIGHTS TRANSMISSIO	178,237.99	178,237.99
8	0365-00 RIGHT OF WAY	132,539.41	132,539.41
9	0365-01 LAND TRANSMISSION FROM PG	1,500.00	1,500.00
10	0365-02 EASEMENTS TRANSMISSION FROM PG	59,757.39	59,757.39
11	0366-00 STRUCTURES & IMPROVEMENTS	3,997.15	3,997.15
12	0367-00 INTERMEDIATE MAINS	7,511,759.09	7,541,865.47
13	0367-01 TRANSMISSION 8"	2,334,042.44	2,334,042.44
14	0369-00 MEAS & REG STATION EQUIP	774,616.38	774,616.38
15	0370-00 COMMUNICATION EQUIPMENT	87,502.57	87,502.57
16	0374-00 LAND & LAND RIGHTS DISTRIBUTIO	158,168.50	160,449.50
17	0375-00 STRUCTURES & IMPROVEMENTS	10,779.18	10,779.18
18	0376-00 DISTRIBUTION MAINS	10,239,430.17	10,302,611.18
19	0378-00 MEAS & REG STATION GENERAL	580,956.90	580,956.90
20	0379-00 MEAS & REG CITY GATE	387,293.52	388,273.94
21	0380-00 SERV ICES	6,725,209.93	6,786,040.51
22	0381-00 METERS	1,706,429.41	1,705,469.57
23	0381-01 Meters - AMR	1,072,850.53	1,072,850.53
24	0382--00 METER INSTALLATION	241,599.46	243,622.66
25	0383--00 HOUSE REGULATORS	1,049,731.14	1,054,446.89
26	0384-00 HOUSE REG INSTALLATION	136,070.17	137,733.81
27	0385-00 INDUSTRIAL MEAS & REG	800,964.21	801,016.62
28	0387-00 OTHER EQUIPMENT	107,941.50	115,141.80
29	0389-00 LAND & LAND RIGHTS GENERAL	345,664.27	345,664.27
30	0390-00 STRUCTURES & IMP GENERAL	2,096,669.26	2,096,669.26
31	0391-00 OFFICE FURNITURE & EQUIP	207,001.39	207,001.39
32	0391-01 COMPUTER EQUIPMENT	214,319.24	216,317.59
33	0392-00 TRANSPORTATION EQUIPMENT	1,172,255.59	1,193,403.13
34	0394-00 TOOL & GARAGE EQUIPMENT	148,940.09	162,152.59
35	0395-00 LABORATORY EQUIPMENT	29,112.66	29,112.66
36	0396-00 POWER OPERATED EQUIP	354,501.14	353,816.14
37	0397-00 COMMUNICATION EQUIPMENT	90,652.21	90,652.21
38	0398-00 OTHER GENERAL EQUIPMENT PG	5,921.78	5,921.78
39		<u>15,687,361.95</u>	<u>15,573,383.31</u>

Midwest Natural Gas Corporation
Accumulated Depreciation Federal Tax Balance @ 12/31/17

35-2421401
08/01/2017 - 08/31/2018
Report: General - Group

MIDWEST NATURAL GAS CORPORATION [0508001]
Depreciation Expense

6/1/2018
4:01:33PM

System No.	S	Description	Date In Service	Method / Conv.	Life	Cost / Other Basis	Bus / Inv. %	Sec. 179 Bonus / (Cap. Yr. Only)	Salvage/ Basis Adj.	Reg. Accum. Depreciation/ (Sec. 179)	Current Depreciation/ (Sec. 179)	Total Depreciation/ (Sec. 179)
Unassigned												
416		DISTRIBUTION I	2/28/2001	ADS / HY	20.0000	1,059.00	100.0000	0.00	0.00	892.42	15.88	908.30
417		DISTRIBUTION I	2/28/2001	ADS / HY	20.0000	924.00	100.0000	0.00	0.00	776.80	13.84	792.64
418		TRANSMISSION	1/1/1997	No Calc / N/A	0.0000	1,508.00	100.0000	0.00	0.00	0.00	0.00	0.00
419		TRANSMISSION	1/1/1997	No Calc / N/A	0.0000	32,501.00	100.0000	0.00	0.00	0.00	0.00	0.00
420		DISTRIBUTION I	1/1/1997	No Calc / N/A	0.0000	31,329.00	100.0000	0.00	0.00	0.00	0.00	0.00
421		TRANSMISSION	2/28/2002	ADS / HY	20.0000	118.00	100.0000	0.00	0.00	93.88	1.80	95.68
422		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	2,318.00	100.0000	0.00	0.00	1,643.73	35.12	1,678.85
423		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	276.00	100.0000	0.00	0.00	219.47	4.20	223.67
424		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	15,508.00	100.0000	0.00	0.00	12,333.70	235.00	12,568.70
425		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	3,982.00	100.0000	0.00	0.00	3,167.21	60.36	3,227.57
426		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	1,502.00	100.0000	0.00	0.00	1,194.55	22.78	1,217.31
427		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	1,035.00	100.0000	0.00	0.00	823.39	15.68	839.07
428		LAND	1/1/1970	No Calc / N/A	0.0000	7,048.00	100.0000	0.00	0.00	0.00	0.00	0.00
429		DISTRIBUTION I	1/1/1996	No Calc / N/A	0.0000	8,225.00	100.0000	0.00	0.00	0.00	0.00	0.00
512	S		1/1/1982	R / N/A	15.0000	27,338.62	100.0000	0.00	0.00	27,338.62	0.00	27,338.62
513	S		1/1/1982	R / HY	3.0000	71,628.00	100.0000	0.00	0.00	71,628.00	0.00	71,628.00
689	S	5 YEAR PROPE	1/1/1983	R / HY	5.0000	55,533.56	100.0000	0.00	0.00	55,533.56	0.00	55,533.56
770	S		8/31/1972	SYD / N/A	28.0000	103,284.87	100.0000	0.00	0.00	103,284.87	0.00	103,284.87
827	S		1/1/1985	BL / N/A	33.0000	53,636.93	100.0000	0.00	0.00	53,636.93	0.00	53,636.93
947				/ N/A	0.0000	0.00	100.0000	0.00	0.00	0.00	0.00	0.00
Subtotal: Unassigned						14,941,820.37		0.00	0.00	14,762,622.05	15,998.00	14,778,620.05
Less dispositions and exchanges:						0.00		0.00	0.00	0.00	0.00	0.00
Net for: Unassigned						14,941,820.37		0.00	0.00	14,762,622.05	15,998.00	14,778,620.05
Subtotal:						38,358,648.68		0.00	0.00	28,630,878.91	387,038.00	28,917,916.91
Less dispositions and exchanges:						116,007.62		0.00	0.00	102,121.94	0.00	106,671.94
Grand Totals:						38,242,641.06		0.00	0.00	28,528,756.97	387,038.00	28,917,916.91

Exhibit 1 Page

Exhibit 1 Page

Midwest Natural Gas Corporation
State Deferred Tax Estimate

<u>Line</u>		<u>State</u>
1	Net Book Value, Exhibit 1 Page 1	15,573,383
2	State Net Asset Value, Exhibit 1 Page 5	10,318,953
3	Other Adjustments:	
4	Unbilled Revenue	74,110
5	Unamortized Rate Case	(283,522)
6	Unrealized Gain on ING Investment	(1,403,020)
7	Pension - OCI	943,844
8	Pension	(307,937)
9	Difference in NBV ((Sum Line 2 - 7)- Line 1))	(6,230,955)
10	Tax rate	6.0%
11	State Deferred Tax Estimate (Line 9 * Line 8)	(373,857)

Midwest Natural Gas Corporation
Accumulated Depreciation State Tax Balance @ 12/31/17

36-2421401
06/01/2017 - 08/31/2018
Sorted: General - Group

MIDWEST NATURAL GAS CORPORATION [9506001]
Depreciation Expense

6/1/2018
4:01:50PM

System No.	B	Description	Date In Service	Method / Conv.	Life	Cost / Other Basis	Bus / Inv. %	Sec. 179 Bonus / (Cur. Yr. Only)	Salvage / Adj.	Beg. Accum. Depreciation / (Sec. 179)	Current Depreciation / (Sec. 179)	Total Depreciation / (Sec. 179)
Unassigned												
418		DISTRIBUTION I	2/28/2001	ADS / HY	20.0000	1,059.00	100.0000	0.00	0.00	892.42	15.68	908.10
417		DISTRIBUTION I	2/28/2001	ADS / HY	20.0000	924.00	100.0000	0.00	0.00	778.80	13.84	792.64
416		TRANSMISSION	1/1/1997	No Calc / N/A	0.0000	1,500.00	100.0000	0.00	0.00	0.00	0.00	0.00
419		TRANSMISSION	1/1/1997	No Calc / N/A	0.0000	32,501.00	100.0000	0.00	0.00	0.00	0.00	0.00
420		DISTRIBUTION I	1/1/1997	No Calc / N/A	0.0000	31,525.00	100.0000	0.00	0.00	0.00	0.00	0.00
421		TRANSMISSION	2/28/2002	ADS / HY	20.0000	118.00	100.0000	0.00	0.00	93.88	1.90	95.78
422		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	2,318.00	100.0000	0.00	0.00	1,843.73	33.12	1,876.85
423		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	278.00	100.0000	0.00	0.00	219.47	4.20	223.67
424		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	15,506.00	100.0000	0.00	0.00	12,333.70	235.00	12,568.70
425		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	3,942.00	100.0000	0.00	0.00	3,167.21	60.85	3,228.06
426		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	1,802.00	100.0000	0.00	0.00	1,194.53	22.76	1,217.29
427		DISTRIBUTION I	2/28/2002	ADS / HY	20.0000	1,035.00	100.0000	0.00	0.00	823.39	15.68	839.07
428		LAND	1/1/1970	No Calc / N/A	0.0000	7,048.00	100.0000	0.00	0.00	0.00	0.00	0.00
429		DISTRIBUTION I	1/1/1996	No Calc / N/A	0.0000	6,225.00	100.0000	0.00	0.00	0.00	0.00	0.00
512	S		1/1/1982	R / N/A	15.0000	27,338.62	100.0000	0.00	0.00	27,338.62	0.00	27,338.62
513	S		1/1/1982	R / HY	5.0000	71,828.00	100.0000	0.00	0.00	71,828.00	0.00	71,828.00
665	S	5 YEAR PROPE	1/1/1983	R / HY	5.0000	55,593.56	100.0000	0.00	0.00	55,593.56	0.00	55,593.56
770	S		8/31/1972	SYD / N/A	25.0000	100,264.97	100.0000	0.00	0.00	100,264.97	0.00	100,264.97
827	S		1/1/1965	SL / N/A	33.3000	53,636.93	100.0000	0.00	0.00	53,636.93	0.00	53,636.93
947				/ N/A	0.0000	0.00	100.0000	0.00	0.00	0.00	0.00	0.00
Subtotal: Unassigned						14,941,320.35		0.00	0.00	14,782,622.95	15,938.00	14,798,560.95
Less dispositions and exchanges:						0.00		0.00	0.00	0.00	0.00	0.00
Net for: Unassigned						14,941,320.35		0.00	0.00	14,782,622.95	15,938.00	14,798,560.95
Subtotal:						33,463,155.01		0.00	0.00	25,637,600.88	485,627.29	25,151,973.17
Less dispositions and exchanges:						116,897.82		0.00	0.00	92,678.98	0.00	98,220.68
Grand Totals:						33,346,257.19		0.00	0.00	25,544,921.88	485,627.29	25,059,751.17

Exhibit 1 Page 4

Midwest Natural Gas Corporation
Deferred Income Tax

Line	DEFERRED STATE TAX ASSET/(LIABILITY) PER BALANCE SHEET							
				ST LIABILITY	LT LIABILITY	ST ASSET	LT ASSET	
	DEPRECIATION							
1	NET BOOK VALUE - BOOKS	12/31/17			15,048,633			
2	NET BOOK VALUE - TAX	12/31/17			<u>10,148,357</u>			
3		DIFFERENCE			(4,900,276)			
4		UNBILLED REVENUE				74,110		
5		UNAMORTIZED RATE CASE			(283,522)			
6		UNREALIZED GAIN ON ING INVESTMENT			<u>(1,403,020)</u>			
7		PENSION-OCI					943,844	
8		PENSION					<u>(307,937)</u>	
9		TOTAL DEFERRALS		-	(6,586,818)	74,110	635,907	
10	STATE TAX AT 6.00%	335,352		0	377,953	(4,447)	<u>(38,154)</u>	
11	FEDERAL TAX (NET OF STATE) AT 34%	1,884,093		-	2,111,014	(23,686)	(203,236)	
12	FEDERAL TAX (NET OF STATE) AT 21%	1,163,704		-	1,303,862	(14,629)	(125,528)	
13		Difference		-	807,152	(9,056)	(77,708)	

Midwest Natural Gas Corporation
Average Rate Assumption Method ("ARAM")
December 31, 2017

Line	Account	Book NBV	Federal NAV	Diff	34%	21%	Difference	Ave. Life	Amortization
1	Organization	3,260	-	3,260	1,109	685	424	-	-
2	Franchises & Consents	11,300	-	11,300	3,842	2,373	1,469	-	-
3	Misc Intangible Plant	326	-	326	111	68	42	-	-
4	Land & Land Rights	11,645	11,645	0	0	0	0	1	0.09
5	Plainville Purification Equip	626	571	54	19	11	7	14	0.51
6	Land & Land Rights	178,238	178,239	(1)	(0)	(0)	(0)	22	-
7	Right of Way	193,797	132,540	61,257	20,827	12,864	7,963	23	339.92
8	Structures & Improvements	1,531	870	661	225	139	86	14	6.14
9	Intermediate Mains	3,782,654	2,364,990	1,417,664	482,006	297,709	184,296	37	4,928.67
10	Meas & Reg Station Equip	296,692	722,847	(426,155)	(144,893)	(89,492)	(55,400)	29	(1,907.16)
11	Communication Equip	33,515	1,979	31,536	10,722	6,623	4,100	23	174.61
12	Land & Land Rights	160,450	133,297	27,152	9,232	5,702	3,530	23	150.79
13	Structures & Improvements	4,129	1,336	2,793	950	586	363	17	21.38
14	Distribution Mains	3,946,089	2,883,729	1,062,361	361,203	223,096	138,107	35	3,992.30
15	Meas & Reg Station General	222,517	314,667	(92,150)	(31,331)	(19,352)	(11,980)	24	(490.73)
16	Meas & Reg City Gate	148,716	63,671	85,046	28,915	17,860	11,056	26	433.47
17	Services	2,599,178	1,326,742	1,272,436	432,628	267,212	165,417	32	5,182.09
18	Meters	1,064,148	274,983	789,165	268,316	165,725	102,591	28	3,635.04
19	Meter Installation	93,312	41,193	52,119	17,721	10,945	6,776	26	261.50
20	House Regulators	403,873	129,278	274,594	93,362	57,665	35,697	26	1,377.83
21	House Reg Installation	52,755	27,767	24,987	8,496	5,247	3,248	26	125.86
22	Industrial Meas & Reg	306,804	31,250	275,554	93,688	57,866	35,822	27	1,340.54
23	Other Equip	44,101	40,332	3,770	1,282	792	490	27	18.04
24	Land & Land Rights	345,664	366,515	(20,851)	(7,089)	(4,379)	(2,711)	29	(93.20)
25	Structures & Improvements	803,063	1,190,848	(387,785)	(131,847)	(81,435)	(50,412)	34	(1,493.46)
26	Office Furniture & Equip	162,139	(147,356)	309,495	105,228	64,994	40,234	5	8,573.82
27	Transportation Equip	457,095	79,927	377,168	128,237	79,205	49,032	8	6,021.08
28	Tool & Garage Equip	62,107	34,726	27,381	9,310	5,750	3,560	6	548.06
29	Laboratory Equip	11,151	(11,504)	22,655	7,703	4,758	2,945	1	2,729.12
30	Power Op Equip	135,518	(39,260)	174,778	59,425	36,703	22,721	8	2,954.95
31	Communication Equip	34,721	(7,462)	42,183	14,342	8,858	5,484	4	1,534.53
32	Other General Equipment PG	2,268	(2)	2,270	772	477	295	6	50.59
33		15,573,383	10,148,357	5,425,026	1,844,509	1,139,256	705,253		40,416.42
34		(Exhibit 2 Page 2)	(Exhibit 2 Page 3)						17.45

Midwest Natural Gas Corporation
Breakout of Net Book Value
December 31, 2017

Line		Cost Basis	Accumulated Depreciation	Net Book Value
1	Organization	\$ 8,512	\$ 5,252	\$ 3,260
2	Franchises & Consents	\$ 29,503	\$ 18,203	\$ 11,300
3	Misc Intangible Plant	\$ 850	\$ 524	\$ 326
4	Land & Land Rights	\$ 11,645	\$ -	\$ 11,645
5	Plainville Purification Equip	\$ 1,634	\$ 1,008	\$ 626
6	Land & Land Rights	\$ 178,238	\$ -	\$ 178,238
7	Right of Way	\$ 193,797	\$ -	\$ 193,797
8	Structures & Improvements	\$ 3,997	\$ 2,466	\$ 1,531
9	Intermediate Mains	\$ 9,875,908	\$ 6,093,254	\$ 3,782,654
10	Meas & Reg Station Equip	\$ 774,616	\$ 477,924	\$ 296,692
11	Communication Equip	\$ 87,503	\$ 53,987	\$ 33,515
12	Land & Land Rights	\$ 160,450	\$ -	\$ 160,450
13	Structures & Improvements	\$ 10,779	\$ 6,651	\$ 4,129
14	Distribution Mains	\$ 10,302,611	\$ 6,356,522	\$ 3,946,089
15	Meas & Reg Station General	\$ 580,957	\$ 358,440	\$ 222,517
16	Meas & Reg City Gate	\$ 388,274	\$ 239,558	\$ 148,716
17	Services	\$ 6,786,041	\$ 4,186,862	\$ 2,599,178
18	Meters	\$ 2,778,320	\$ 1,714,172	\$ 1,064,148
19	Meter Installation	\$ 243,623	\$ 150,311	\$ 93,312
20	House Regulators	\$ 1,054,447	\$ 650,574	\$ 403,873
21	House Reg Installation	\$ 137,734	\$ 84,979	\$ 52,755
22	Industrial Meas & Reg	\$ 801,017	\$ 494,213	\$ 306,804
23	Other Equip	\$ 115,142	\$ 71,040	\$ 44,101
24	Land & Land Rights	\$ 345,664	\$ -	\$ 345,664
25	Structures & Improvements	\$ 2,096,669	\$ 1,293,606	\$ 803,063
26	Office Furniture & Equip	\$ 423,319	\$ 261,180	\$ 162,139
27	Transportation Equip	\$ 1,193,403	\$ 736,308	\$ 457,095
28	Tool & Garage Equip	\$ 162,153	\$ 100,045	\$ 62,107
29	Laboratory Equip	\$ 29,113	\$ 17,962	\$ 11,151
30	Power Op Equip	\$ 353,816	\$ 218,298	\$ 135,518
31	Communication Equip	\$ 90,652	\$ 55,931	\$ 34,721
32	Other General Equipment PG	\$ 5,922	\$ 3,654	\$ 2,268
33		<u>\$ 39,226,308</u>	<u>\$ 23,652,924</u>	<u>\$ 15,573,383</u>

Cost and accumulated depreciation amounts match book depreciation reports at 12/31/17.

Midwest Natural Gas Corporation
Breakout of Net Asset Value
December 31, 2017

Line		Federal Cost Basis	Federal Accumulated Depreciation	Net Asset Value
1	Organization	\$ -	\$ -	\$ -
2	Franchises & Consents	\$ -	\$ -	\$ -
3	Misc Intangible Plant	\$ -	\$ -	\$ -
4	Land & Land Rights	\$ 11,645	\$ -	\$ 11,645
5	Plainville Purification Equip	\$ 9,927	\$ 9,356	\$ 571
6	Land & Land Rights	\$ 178,239	\$ -	\$ 178,239
7	Right of Way	\$ 132,540	\$ -	\$ 132,540
8	Structures & Improvements	\$ 1,990	\$ 1,120	\$ 870
9	Intermediate Mains	\$ 9,539,855	\$ 7,174,865	\$ 2,364,990
10	Meas & Reg Station Equip	\$ 912,946	\$ 190,099	\$ 722,847
11	Communication Equip	\$ 127,294	\$ 125,315	\$ 1,979
12	Land & Land Rights	\$ 133,297	\$ -	\$ 133,297
13	Structures & Improvements	\$ 16,564	\$ 15,228	\$ 1,336
14	Distribution Mains	\$ 8,048,844	\$ 5,165,115	\$ 2,883,729
15	Meas & Reg Station General	\$ 725,372	\$ 410,705	\$ 314,667
16	Meas & Reg City Gate	\$ 274,815	\$ 211,145	\$ 63,671
17	Services	\$ 6,101,938	\$ 4,775,196	\$ 1,326,742
18	Meters	\$ 2,954,053	\$ 2,679,070	\$ 274,983
19	Meter Installation	\$ 215,746	\$ 174,553	\$ 41,193
20	House Regulators	\$ 1,109,659	\$ 980,381	\$ 129,278
21	House Reg Installation	\$ 136,872	\$ 109,105	\$ 27,767
22	Industrial Meas & Reg	\$ 815,831	\$ 784,581	\$ 31,250
23	Other Equip	\$ 143,203	\$ 102,871	\$ 40,332
24	Land & Land Rights	\$ 366,515	\$ -	\$ 366,515
25	Structures & Improvements	\$ 3,237,697	\$ 2,046,850	\$ 1,190,848
26	Office Furniture & Equip	\$ 953,640	\$ 1,100,996	\$ (147,356)
27	Transportation Equip	\$ 2,258,005	\$ 2,178,078	\$ 79,927
28	Tool & Garage Equip	\$ 226,074	\$ 191,347	\$ 34,726
29	Laboratory Equip	\$ 47,144	\$ 58,648	\$ (11,504)
30	Power Op Equip	\$ 496,900	\$ 536,160	\$ (39,260)
31	Communication Equip	\$ 95,378	\$ 102,840	\$ (7,462)
32	Other General Equipment PG	\$ 9,665	\$ 9,667	\$ (2)
33		<u>\$ 39,281,649</u>	<u>\$ 29,133,292</u>	<u>\$ 10,148,357</u>

Cost and accumulated depreciation amounts match federal depreciation reports at 12/31/17.

152	TRANSMISSION	2/28/2000	APR	HY	36 month	2/27/2036	18	18	18
159	TRANSMISSION	2/28/2001	APR	HY	36 month	2/19/2037	17	19	19
415	Transmission Plant	2/28/2005	MI	HY	36 month	2/19/2041	13	23	23
448	COGENERATION	2/28/2006	IND	N.A.	36 month	2/19/2042	12	24	24
495	Transmission Plant	2/28/2007	MI	HY	36 month	2/19/2043	11	25	25
517	Asset 376	12/15/2008	MI	HY	36 month	12/6/2044	9	27	27
540	Asset 376	12/15/2008	MI	HY	36 month	12/6/2044	9	27	27
541	Asset 376	1/15/2009	MI	HY	36 month	1/6/2045	9	27	27
561	Asset 376	2/28/2010	MI	HY	36 month	2/19/2046	8	28	28
562	COGENERATION	3/1/2015	MI	HY	36 month	2/20/2051	3	33	33

Unassigned Allocation

6 6

Subtotal: 37000

Average Life Remaining	23	23
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Less dispositions and exchanges:

Net for: 37000

37000						Fully Disposed	12/31/2017 Remaining Years	Without \$:	
197	DISTRIBUTION	1/1/1996	NO CALE	N.A.	36 month	12/23/2031	22	14	14
199	DISTRIBUTION	1/1/1997	NO CALE	N.A.	36 month	12/23/2032	21	15	15
259	Distribution Plant	1/1/1976	NO CALE	N.A.	36 month	12/23/2035	48	0	0
264	Distribution Plant	1/1/1996	NO CALE	N.A.	36 month	12/23/2031	22	14	14
266	Distribution Plant	1/1/1997	NO CALE	N.A.	36 month	12/23/2032	21	15	15
496	Distribution Plant	2/28/2007	NO CALE	N.A.	36 month	2/19/2043	11	25	25
518	Distribution Plant	2/28/2008	NO CALE	N.A.	36 month	2/19/2044	10	26	26
750	Distribution Plant	3/1/2012	NO CALE	N.A.	36 month	2/21/2048	6	30	30
803		3/1/2013	NO CALE	N.A.	36 month	2/20/2049	5	31	31
813		3/1/2013	NO CALE	N.A.	36 month	2/20/2051	3	33	33
857	LAND AND	3/1/2012	NO CALE	N.A.	36 month	2/20/2051	3	33	33
901	1st qtr additions	11/30/2017	NO CALE	N.A.	36 month	11/21/2053	0	36	36

Unassigned Allocation

6 6

Subtotal: 37400

Average Life Remaining	22	23
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Less dispositions and exchanges:

Net for: 37400

37400						Fully Disposed	12/31/2017 Remaining Years	Without \$:
222	DISTRIBUTION	9/1/2002	APR	HY	36 month	8/23/2038	15	21
247	DISTRIBUTION	2/1/2004	ME	HY	36 month	1/23/2040	14	22
407	STRUCTURES	2/28/2006	IND	N.A.	36 month	2/19/2042	12	24

Unassigned Allocation

1 1

Subtotal: 37500

Average Life Remaining	17	17
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Less dispositions and exchanges:

Net for: 37500

37500						Fully Disposed	12/31/2017 Remaining Years	Without \$:	
77	DISTRIBUTION	1/1/1995	APR	HY	36 month	12/23/2030	23	13	13
90	DISTRIBUTION	1/1/1996	APR	HY	36 month	12/23/2031	22	14	14
102	DISTRIBUTION	1/1/1997	APR	HY	36 month	12/23/2032	21	15	15
117	DISTRIBUTION	1/1/1998	APR	HY	36 month	12/23/2033	20	16	16
153	DISTRIBUTION	2/29/2000	APR	HY	36 month	2/20/2036	18	18	18
180	DISTRIBUTION	2/29/2001	APR	HY	36 month	2/19/2037	17	19	19
203	DISTRIBUTION	2/28/2002	APR	HY	36 month	2/19/2038	16	20	20
223	DISTRIBUTION	9/1/2002	APR	HY	36 month	8/23/2038	15	21	21
248	DISTRIBUTION	2/1/2004	MI	HY	36 month	1/23/2040	14	22	22
416	Distribution	2/28/2005	MI	HY	36 month	2/19/2041	13	23	23
470	DISTRIBUTION	2/28/2006	IND	N.A.	36 month	2/19/2042	12	24	24
497	DISTRIBUTION	2/28/2007	MI	HY	36 month	2/19/2043	11	25	25
517	DISTRIBUTION	2/28/2008	MI	HY	36 month	2/19/2044	10	26	26
562	Asset 376	9/15/2008	MI	HY	36 month	9/6/2044	9	27	27
563	Asset 376	10/15/2008	MI	HY	36 month	10/6/2044	9	27	27
564	Asset 376	11/15/2008	MI	HY	36 month	11/6/2044	9	27	27
565	Asset 376	12/15/2008	MI	HY	36 month	12/6/2044	9	27	27
566	Asset 376	1/15/2009	MI	HY	36 month	1/6/2045	9	27	27
567	Asset 376	2/15/2009	MI	HY	36 month	2/6/2045	9	27	27
568	Asset 376	4/15/2009	MI	HY	36 month	4/6/2045	9	27	27
569	Asset 376	5/15/2009	MI	HY	36 month	5/6/2045	9	27	27
570	Asset 376	6/15/2009	MI	HY	36 month	6/6/2045	9	27	27
571	Asset 376	7/15/2009	MI	HY	36 month	7/6/2045	8	28	28
572	Asset 376	8/15/2009	MI	HY	36 month	8/6/2045	8	28	28
563	Asset 376	2/28/2010	MI	HY	36 month	2/19/2046	8	28	28
721	Dist. Main	3/1/2011	APR	HY	36 month	2/20/2047	7	29	29
771	Dist. Access	3/1/2012	APR	HY	36 month	2/21/2048	6	30	30
804	Main	3/1/2013	MI	HY	36 month	2/20/2049	5	31	31
831	Main	3/1/2014	MI	HY	36 month	2/21/2050	4	32	32
858	MAINS	3/1/2015	MI	HY	36 month	2/20/2051	3	33	33
887	1st qtr 2016	11/1/2015	MI	HY	36 month	11/23/2051	2	34	34
897	2nd qtr additions	2/1/2016	MI	HY	36 month	1/23/2052	2	34	34
921	3rd qtr additions	5/30/2016	MI	HY	36 month	5/21/2052	2	34	34
942	4th qtr additions	8/31/2016	MI	HY	36 month	8/22/2052	1	35	35
964	Additions 2017	3/1/2017	MI	HY	36 month	2/20/2053	1	35	35
992	1st qtr additions	11/30/2017	MI	N.A.	36 month	11/21/2053	0	36	36
993	2nd qtr additions	12/31/2017	MI	N.A.	36 month	12/22/2053	0	36	36
994	3rd qtr additions	1/1/2018	APR	HY	36 month	12/23/2030	23	13	13
995	4th qtr additions	1/1/2018	APR	HY	36 month	12/23/2030	23	13	13

Unassigned Allocation

374 374

Subtotal: 37600

Average Life Remaining	35	35
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Less dispositions and exchanges:

Net for: 37600

JTRNO						Fully Disposed	12/31/2017 Remaining Years	Without \$:
78	DISTRIBUTION	1/1/1995	APR	HY	36 month	12/23/2030	23	13
90	DISTRIBUTION	1/1/1996	APR	HY	36 month	12/23/2031	22	14
91	DISTRIBUTION	1/1/1996	APR	HY	36 month	12/23/2031	22	14
103	DISTRIBUTION	1/1/1997	APR	HY	36 month	12/23/2032	21	15
118	DISTRIBUTION	1/1/1998	APR	HY	36 month	12/23/2033	20	16
130	DISTRIBUTION	1/1/1999	APR	HY	36 month	12/23/2034	19	17
154	DISTRIBUTION	2/29/2000	APR	HY	36 month	2/20/2036	18	18
161	DISTRIBUTION	2/29/2000	APR	HY	36 month	2/20/2036	18	18
174	DISTRIBUTION	2/28/1996	R	HY	36 month	2/19/2022	32	4
181	DISTRIBUTION	2/28/2001	APR	HY	36 month	2/19/2037	17	19
204	DISTRIBUTION	2/28/2002	APR	HY	36 month	2/19/2038	16	20
224	DISTRIBUTION	9/1/2002	APR	HY	36 month	8/23/2038	15	21
249	DISTRIBUTION	2/1/2004	APR	HY	36 month	1/23/2040	14	22
417	DISTRIBUTION	2/28/2005	MI	HY	36 month	2/19/2041	13	23
431	DISTRIBUTION	2/28/2006	IND	N.A.	36 month	2/19/2042	12	24
498	DISTRIBUTION	2/28/2007	MI	HY	36 month	2/19/2043	11	25
518	DISTRIBUTION	2/28/2008	MI	HY	36 month	2/19/2044	10	26
573	Asset 376	9/15/2008	MI	HY	36 month	9/6/2044	9	27
574	Asset 376	10/15/2008	MI	HY	36 month	10/6/2044	9	27
575	Asset 376	11/15/2008	MI	HY	36 month	11/6/2044	9	27
576	Asset 376	12/15/2008	MI	HY	36 month	12/6/2044	9	27
577	Asset 376	1/15/2009	MI	HY	36 month	1/6/2045	9	27
578	Asset 376	2/15/2009	MI	HY	36 month	2/6/2045	9	27
579	Asset 376	4/15/2009	MI	HY	36 month	4/6/2045	9	27
704	Asset 376 Main &	2/28/2010	MI	HY	36 month	2/19/2046	8	28
742	Dist. Access &	3/1/2011	MI	HY	36 month	2/20/2047	7	29
772	Dist. Access &	3/1/2012	MI	HY	36 month	2/21/2048	6	30
805	Main & Reg	3/1/2013	MI	HY	36 month	2/20/2049	5	31
812	Main & Reg	3/1/2014	MI	HY	36 month	2/20/2050	4	32
874	MAINS & REG	3/1/2015	MI	HY	36 month	2/20/2051	3	33
898	2nd qtr additions	2/1/2016	MI	HY	36 month	1/23/2052	2	34
922	3rd qtr additions	5/30/2016	MI	HY	36 month	5/21/2052	2	34
935	4th qtr additions	8/31/2016	MI	HY	36 month	8/22/2052	1	35
965	2017 additions	3/1/2017	MI	HY	36 month	2/20/2053	1	35

Unassigned Allocation

34 34

Subtotal: 37800

Average Life Remaining	24	24
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Less dispositions and exchanges:

Net for: 37800

1904						Fully Disposed	12/31/2017 Remaining Years	Without Ds	
104	DISTRIBUTION	1 1 1997	ADJS	HY	34 years	12/31/2032	21	15	15
119	DISTRIBUTION	1 1 1998	ADJS	HY	34 years	12/31/2033	20	16	16
131	DISTRIBUTION	1 1 1999	ADJS	HY	34 years	12/31/2034	19	17	17
145	DISTRIBUTION	2 29 2000	ADJS	HY	34 years	2/29/2036	18	18	18
182	DISTRIBUTION	2 29 2001	ADJS	HY	34 years	2/19/2037	17	19	19
203	DISTRIBUTION	2 29 2002	ADJS	HY	34 years	2/19/2038	16	20	20
225	DISTRIBUTION	0 1 2002	ADJS	HY	34 years	8/23/2038	15	21	21
250	DISTRIBUTION	2 1 2004	ADJ	HY	34 years	1/21/2040	14	22	22
438	DISTRIBUTION	2 29 2005	SI	HY	34 years	2/19/2041	13	23	23
472	DISTRIBUTION	2 29 2006	DR	N A	34 years	2/19/2042	12	24	24
499	DISTRIBUTION	2 29 2007	ADJ	HY	34 years	2/19/2043	11	25	25
514	DISTRIBUTION	2 29 2008	ADJ	HY	34 years	2/19/2044	10	26	26
540	Just 379ADJS &	10 15 2008	SI	HY	34 years	10/6/2044	9	27	27
541	Just 379ADJS &	8 15 2008	SI	HY	34 years	8/6/2044	8	28	28
705	Just 379ADJS &	2 29 2010	SI	HY	34 years	2/19/2046	8	28	28
743	Just 379ADJS &	3 1 2011	ADJS	HY	34 years	2/20/2047	7	29	29
775	Just 379ADJS &	3 1 2012	ADJS	HY	34 years	2/21/2048	6	30	30
806	Just 379ADJS &	3 1 2013	ADJS	HY	34 years	2/20/2049	5	31	31
833	Just 379ADJS &	3 1 2014	ADJS	HY	34 years	2/20/2050	4	32	32
860	Just 379ADJS &	3 1 2015	ADJS	HY	34 years	2/20/2051	3	33	33
925	Just 379ADJS &	3 1 2016	ADJS	HY	34 years	2/21/2052	2	34	34
946	Just 379ADJS &	8 15 2016	SI	HY	34 years	8/22/2052	1	35	35
968	Just 379ADJS &	3 1 2017	ADJS	HY	34 years	2/20/2053	1	35	35
996	Just 379ADJS &	11 30 2018	SI	HY	34 years	11/21/2054	1	35	35
Unassigned Allocation							13	13	13

Unassigned Allocation							15	13
Subtotal: 37900							26	26
Less dispositions and exchanges:								
Net for: 37900								

38000					Fully Disposed	12/31/2017 Remaining Years	Without D		
81	DISTRIBUTION	1 1 1995	ADJS	HY	34 years	12/31/2030	23	13	13
92	DISTRIBUTION	1 1 1996	ADJS	HY	34 years	12/31/2031	22	14	14
105	DISTRIBUTION	1 1 1997	ADJS	HY	34 years	12/31/2032	21	15	15
120	DISTRIBUTION	1 1 1998	ADJS	HY	34 years	12/31/2033	20	16	16
132	DISTRIBUTION	1 1 1999	ADJS	HY	34 years	12/31/2034	19	17	17
146	DISTRIBUTION	2 29 2000	ADJS	HY	34 years	2/29/2036	18	18	18
183	DISTRIBUTION	2 29 2001	ADJS	HY	34 years	2/19/2037	17	19	19
206	DISTRIBUTION	2 29 2002	ADJS	HY	34 years	2/19/2038	16	20	20
228	DISTRIBUTION	0 1 2002	ADJS	HY	34 years	8/23/2038	15	21	21
251	DISTRIBUTION	2 1 2004	ADJ	HY	34 years	1/21/2040	14	22	22
439	DISTRIBUTION	2 29 2005	SI	HY	34 years	2/19/2041	13	23	23
475	DISTRIBUTION	2 29 2006	DR	N A	34 years	2/19/2042	12	24	24
500	DISTRIBUTION	2 29 2007	ADJ	HY	34 years	2/19/2043	11	25	25
520	DISTRIBUTION	2 29 2008	ADJ	HY	34 years	2/19/2044	10	26	26
582	Just 380ADJS &	9 15 2008	SI	HY	34 years	9/6/2044	9	27	27
583	Just 380ADJS &	10 15 2008	SI	HY	34 years	10/6/2044	9	27	27
584	Just 380ADJS &	11 15 2008	SI	HY	34 years	11/6/2044	9	27	27
585	Just 380ADJS &	12 15 2008	SI	HY	34 years	12/6/2044	9	27	27
586	Just 380ADJS &	1 15 2009	SI	HY	34 years	1/6/2045	9	27	27
587	Just 380ADJS &	2 15 2009	SI	HY	34 years	2/6/2045	9	27	27
588	Just 380ADJS &	3 15 2009	SI	HY	34 years	3/6/2045	9	27	27
589	Just 380ADJS &	4 15 2009	SI	HY	34 years	4/6/2045	9	27	27
590	Just 380ADJS &	5 15 2009	SI	HY	34 years	5/6/2045	9	27	27
591	Just 380ADJS &	6 15 2009	SI	HY	34 years	6/6/2045	9	27	27
592	Just 380ADJS &	7 15 2009	SI	HY	34 years	7/6/2045	8	28	28
593	Just 380ADJS &	8 15 2009	SI	HY	34 years	8/6/2045	8	28	28
706	Just 380ADJS &	2 29 2010	SI	HY	34 years	2/19/2046	8	28	28
745	Just 380ADJS &	3 1 2011	ADJS	HY	34 years	2/20/2047	7	29	29
775	Just 380ADJS &	3 1 2012	ADJS	HY	34 years	2/21/2048	6	30	30
807	Just 380ADJS &	3 1 2013	ADJS	HY	34 years	2/20/2049	5	31	31
834	Just 380ADJS &	3 1 2014	ADJS	HY	34 years	2/20/2050	4	32	32
861	Just 380ADJS &	3 1 2015	ADJS	HY	34 years	2/20/2051	3	33	33
888	Just 380ADJS &	11 30 2016	SI	HY	34 years	10/23/2051	2	34	34
899	Just 380ADJS &	2 1 2016	SI	HY	34 years	1/23/2052	2	34	34
924	Just 380ADJS &	3 30 2016	SI	HY	34 years	3/21/2052	2	34	34
937	Just 380ADJS &	8 30 2016	SI	HY	34 years	8/22/2052	1	35	35
967	Just 380ADJS &	3 1 2017	ADJS	HY	34 years	2/20/2053	1	35	35
997	Just 380ADJS &	11 30 2017	SI	HY	34 years	11/21/2053	0	36	36
999	Just 380ADJS &	12 31 2017	SI	HY	34 years	12/22/2053	0	36	36
1000	DISTRIBUTION	1 1 1996	ADJS	HY	34 years	12/31/2031	22	14	14
1001	DISTRIBUTION	1 1 1996	ADJS	HY	34 years	12/31/2031	22	14	14
809	Mature - ADJS	3 1 2013	SI	HY	34 years	2/20/2050	4	32	32
816	Mature - ADJS	3 1 2014	SI	HY	34 years	2/20/2050	4	32	32
883	Mature - ADJS	3 1 2015	SI	HY	34 years	2/20/2051	3	33	33

Unassigned Allocation							284	284
Subtotal: 38000							32	32
Less dispositions and exchanges:								
Net for: 38000								

38100					Fully Disposed	12/31/2017 Remaining Years	Without D		
81	DISTRIBUTION	1 1 1995	ADJS	HY	34 years	12/31/2030	23	13	13
93	DISTRIBUTION	1 1 1996	ADJS	HY	34 years	12/31/2031	22	14	14
106	DISTRIBUTION	1 1 1997	ADJS	HY	34 years	12/31/2032	21	15	15
121	DISTRIBUTION	1 1 1998	ADJS	HY	34 years	12/31/2033	20	16	16
133	DISTRIBUTION	1 1 1999	ADJS	HY	34 years	12/31/2034	19	17	17
147	DISTRIBUTION	2 29 2000	ADJS	HY	34 years	2/29/2036	18	18	18
184	DISTRIBUTION	2 29 2001	ADJS	HY	34 years	2/19/2037	17	19	19
207	DISTRIBUTION	2 29 2002	ADJS	HY	34 years	2/19/2038	16	20	20
227	DISTRIBUTION	0 1 2002	ADJS	HY	34 years	8/23/2038	15	21	21
252	DISTRIBUTION	2 1 2004	ADJ	HY	34 years	1/21/2040	14	22	22
440	DISTRIBUTION	2 29 2005	SI	HY	34 years	2/19/2041	13	23	23
461	DISTRIBUTION	1 31 2005	SI	HY	34 years	1/31/2041	13	23	23
474	DISTRIBUTION	2 29 2006	DR	N A	34 years	2/19/2042	12	24	24
501	DISTRIBUTION	2 29 2007	SI	HY	34 years	2/19/2043	11	25	25
521	DISTRIBUTION	2 29 2008	SI	HY	34 years	2/19/2044	10	26	26
594	Just 381-1 ADJS &	9 15 2008	SI	HY	34 years	9/6/2044	9	27	27
595	Just 381-1 ADJS &	10 15 2008	SI	HY	34 years	10/6/2044	9	27	27
596	Just 381-1 ADJS &	11 15 2008	SI	HY	34 years	11/6/2044	9	27	27
597	Just 381-1 ADJS &	12 15 2008	SI	HY	34 years	12/6/2044	9	27	27
598	Just 381-1 ADJS &	1 15 2009	SI	HY	34 years	1/6/2045	9	27	27
599	Just 381-1 ADJS &	2 15 2009	SI	HY	34 years	2/6/2045	9	27	27
600	Just 381-1 ADJS &	3 15 2009	SI	HY	34 years	3/6/2045	9	27	27
601	Just 381-1 ADJS &	4 15 2009	SI	HY	34 years	4/6/2045	9	27	27
602	Just 381-1 ADJS &	5 15 2009	SI	HY	34 years	5/6/2045	9	27	27
603	Just 381-1 ADJS &	6 15 2009	SI	HY	34 years	6/6/2045	9	27	27
604	Just 381-1 ADJS &	7 15 2009	SI	HY	34 years	7/6/2045	8	28	28
605	Just 381-1 ADJS &	8 15 2009	SI	HY	34 years	8/6/2045	8	28	28
606	Just 381-1 ADJS &	9 15 2009	SI	HY	34 years	9/6/2045	8	28	28
607	Just 381-1 ADJS &	10 15 2009	SI	HY	34 years	10/6/2045	8	28	28
608	Just 381-1 ADJS &	11 15 2009	SI	HY	34 years	11/6/2045	8	28	28
609	Just 381-1 ADJS &	12 15 2009	SI	HY	34 years	12/6/2045	8	28	28
610	Just 381-1 ADJS &	1 15 2010	SI	HY	34 years	1/6/2046	8	28	28
611	Just 381-1 ADJS &	2 15 2010	SI	HY	34 years	2/6/2046	8	28	28
612	Just 381-1 ADJS &	3 15 2010	SI	HY	34 years	3/6/2046	8	28	28
707	Just 381-1 ADJS &	2 29 2010	SI	HY	34 years	2/19/2046	8	28	28
746	Just 381-1 ADJS &	3 1 2011	ADJS	HY	34 years	2/20/2047	7	29	29
788	Just 381-1 ADJS &	3 1 2012	ADJS	HY	34 years	2/20/2048	6	30	30
835	Just 381-1 ADJS &	3 1 2013	ADJS	HY	34 years	2/20/2049	5	31	31
862	Just 381-1 ADJS &	3 1 2014	ADJS	HY	34 years	2/20/2050	4	32	32
889	Just 381-1 ADJS &	3 1 2015	ADJS	HY	34 years	2/20/2051	3	33	33
925	Just 381-1 ADJS &	3 30 2016	SI	HY	34 years	3/21/2052	2	34	34
938	Just 381-1 ADJS &	8 30 2016	SI	HY	34 years	8/22/2052	1	35	35
969	Just 381-1 ADJS &	3 1 2017	ADJS	HY	34 years	2/20/2053	1	35	35
1001	DISTRIBUTION	1 1 1995	ADJS	HY	34 years	12/31/2030	23	13	13
522	DISTRIBUTION	2 29 2008	SI	HY	34 years	2/19/2044	10	26	26
708	Mature - ADJS	2 29 2010	SI	HY	34 years	2/19/2046	8	28	28
748	Mature - ADJS	3 1 2011	SI	HY	34 years	2/20/2047	7	29	29
776	Mature - ADJS	3 1 2012	SI	HY	34 years	2/21/2048	6	30	30
808	Mature - ADJS	3 1 2013	SI	HY	34 years	2/20/2049	5	31	31
836	Mature - ADJS	3 1 2014	SI	HY	34 years	2/20/2050	4	32	32
863	Mature - ADJS	3 1 2015	SI	HY	34 years	2/20/2051	3	33	33
890	Mature - ADJS	11 30 2016	SI	HY	34 years	10/23/2051	2	34	34
926	Mature - ADJS	2 1 2016	SI	HY	34 years	1/23/2052	2	34	34
939	Mature - ADJS	3 30 2016	SI	HY	34 years	3/21/2052	2	34	34
968	Mature - ADJS	3 1 2017	ADJS	HY	34 years	2/20/2053	1	35	35

				Fully Disposed	12/31/2017 Remaining Years	Without B		
82	DISTRIBUTION	11/1995	ADP HY	36 month	12/23/2030	23	13	13
94	DISTRIBUTION	11/1996	ADP HY	36 month	12/23/2031	22	14	14
107	DISTRIBUTION	11/1997	ADP HY	36 month	12/23/2032	21	15	15
122	DISTRIBUTION	11/1998	ADP HY	36 month	12/23/2033	20	16	16
134	DISTRIBUTION	11/1999	ADP HY	36 month	12/23/2034	19	17	17
148	DISTRIBUTION	2/2000	ADP HY	36 month	2/20/2036	18	18	18
185	DISTRIBUTION	2/2001	ADP HY	36 month	2/19/2037	17	19	19
208	DISTRIBUTION	2/2002	ADP HY	36 month	2/19/2038	16	20	20
229	DISTRIBUTION	9/1/2002	ADP HY	36 month	8/23/2038	15	21	21
233	DISTRIBUTION	3/1/2004	ADP HY	36 month	12/3/2040	14	22	22
462	DISTRIBUTION	1/15/2005	MI HY	36 month	1/22/2041	13	23	23
475	DISTRIBUTION	2/28/2006	DM N/A	36 month	2/19/2042	12	24	24
502	DISTRIBUTION	2/28/2007	MI HY	36 month	2/19/2043	11	25	25
521	DISTRIBUTION	2/28/2008	MI HY	36 month	2/19/2044	10	26	26
613	Acad 382 Motor	9/15/2008	MI HY	36 month	9/6/2044	9	27	27
614	Acad 382 Motor	10/15/2008	MI HY	36 month	10/6/2044	9	27	27
615	Acad 382 Motor	11/15/2008	MI HY	36 month	11/6/2044	9	27	27
616	Acad 382 Motor	12/15/2008	MI HY	36 month	12/6/2044	9	27	27
617	Acad 382 Motor	1/15/2009	MI HY	36 month	1/6/2045	9	27	27
618	Acad 382 Motor	2/15/2009	MI HY	36 month	2/6/2045	9	27	27
619	Acad 382 Motor	3/15/2009	MI HY	36 month	3/6/2045	9	27	27
620	Acad 382 Motor	4/15/2009	MI HY	36 month	4/6/2045	9	27	27
621	Acad 382 Motor	5/15/2009	MI HY	36 month	5/6/2045	9	27	27
622	Acad 382 Motor	7/15/2009	MI HY	36 month	7/6/2045	8	28	28
623	Acad 382 Motor	8/15/2009	MI HY	36 month	8/6/2045	8	28	28
700	Motor Installation	2/28/2010	MI HY	36 month	2/19/2046	8	29	29
749	Door Motor Install	3/1/2011	MI HY	36 month	2/20/2047	7	30	30
777	Door Motor Install	3/1/2012	MI HY	36 month	2/21/2048	6	31	31
810	Motor Installation	3/1/2013	MI HY	36 month	2/20/2049	5	32	32
817	Motor Installation	3/1/2014	MI HY	36 month	2/20/2050	4	33	33
864	ADPTR	3/1/2015	MI HY	36 month	2/20/2051	3	34	34
880	1st qt addition	11/1/2015	MI HY	36 month	10/23/2051	2	35	35
902	2nd qt addition	2/1/2016	MI HY	36 month	1/23/2052	2	36	36
920	3rd qt addition	8/30/2016	MI HY	36 month	8/21/2052	1	37	37
919	4th qt addition	8/31/2016	MI HY	36 month	8/22/2052	1	38	38
930	2017 Addition	3/1/2017	MI HY	36 month	2/20/2053	1	39	39
1002	1st qt addition	11/30/2017	MI HY	36 month	11/21/2053	0	40	40
1003	2nd qt addition	12/31/2017	MI HY	36 month	12/22/2053	0	41	41

Unassigned Allocation

10 10

Subtotal: 38100	Average Life Remaining	26	26
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Low disposition and exchanges:

Net Ser: 38200

				Fully Disposed	12/31/2017 Remaining Years	Without B		
81	DISTRIBUTION	11/1995	ADP HY	36 month	12/23/2030	23	13	13
93	DISTRIBUTION	11/1996	ADP HY	36 month	12/23/2031	22	14	14
108	DISTRIBUTION	11/1997	ADP HY	36 month	12/23/2032	21	15	15
129	DISTRIBUTION	11/1998	ADP HY	36 month	12/23/2033	20	16	16
134	DISTRIBUTION	11/1999	ADP HY	36 month	12/23/2034	19	17	17
149	DISTRIBUTION	2/2000	ADP HY	36 month	2/20/2036	18	18	18
186	DISTRIBUTION	2/2001	ADP HY	36 month	2/19/2037	17	19	19
209	DISTRIBUTION	2/2002	ADP HY	36 month	2/19/2038	16	20	20
229	DISTRIBUTION	9/1/2002	ADP HY	36 month	8/23/2038	15	21	21
254	DISTRIBUTION	2/1/2004	ADP HY	36 month	12/3/2040	14	22	22
441	DISTRIBUTION	2/28/2005	DM N/A	36 month	2/19/2041	13	23	23
476	DISTRIBUTION	2/28/2006	DM N/A	36 month	2/19/2042	12	24	24
503	DISTRIBUTION	2/28/2007	MI HY	36 month	2/19/2043	11	25	25
524	DISTRIBUTION	2/28/2008	MI HY	36 month	2/19/2044	10	26	26
624	Acad 383 House	9/15/2008	MI HY	36 month	9/6/2044	9	27	27
626	Acad 383 House	10/15/2008	MI HY	36 month	10/6/2044	9	27	27
627	Acad 383 House	10/15/2008	MI HY	36 month	10/6/2044	9	27	27
628	Acad 383 House	11/15/2008	MI HY	36 month	11/6/2044	9	27	27
629	Acad 383 House	1/15/2009	MI HY	36 month	1/6/2045	9	27	27
710	Acad 383 House	2/28/2010	MI HY	36 month	2/19/2046	8	28	28
721	Door House	3/1/2011	ADP HY	36 month	2/20/2047	7	29	29
774	Door House	3/1/2012	ADP HY	36 month	2/21/2048	6	30	30
811	House Rep/replace	3/1/2013	ADP HY	36 month	2/20/2049	5	31	31
818	House Rep/replace	3/1/2014	ADP HY	36 month	2/20/2050	4	32	32
865	10/4/2015	3/1/2015	MI HY	36 month	2/20/2051	3	33	33
890	1st qt addition	11/1/2015	MI HY	36 month	10/23/2051	2	34	34
903	2nd qt addition	2/1/2016	MI HY	36 month	1/23/2052	2	35	35
927	3rd qt addition	8/30/2016	MI HY	36 month	8/21/2052	1	36	36
940	4th qt addition	8/31/2016	MI HY	36 month	8/22/2052	1	37	37
971	2017 Addition	3/1/2017	MI HY	36 month	2/20/2053	1	38	38
1004	1st qt addition	11/30/2017	MI HY	36 month	11/21/2053	0	39	39
1005	2nd qt addition	12/31/2017	MI HY	36 month	12/22/2053	0	40	40

Unassigned Allocation

52 52

Subtotal: 38200	Average Life Remaining	26	26
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Low disposition and exchanges:

Net Ser: 38300

38300					Fully Disposed	12/31/2017 Remaining Years	Without B's
81	DISTRIBUTION	11/1995	ADP HY	36 month	12/23/2030	23	13
96	DISTRIBUTION	11/1996	ADP HY	36 month	12/23/2031	22	14
109	DISTRIBUTION	11/1997	ADP HY	36 month	12/23/2032	21	15
123	DISTRIBUTION	11/1998	ADP HY	36 month	12/23/2033	20	16
126	DISTRIBUTION	11/1999	ADP HY	36 month	12/23/2034	19	17
180	DISTRIBUTION	2/2000	ADP HY	36 month	2/20/2036	18	18
187	DISTRIBUTION	2/2001	ADP HY	36 month	2/19/2037	17	19
210	DISTRIBUTION	2/2002	ADP HY	36 month	2/19/2038	16	20
230	DISTRIBUTION	9/1/2002	ADP HY	36 month	8/23/2038	15	21
255	DISTRIBUTION	2/1/2004	ADP HY	36 month	12/3/2040	14	22
463	DISTRIBUTION	1/15/2005	MI HY	36 month	1/22/2041	13	23
477	DISTRIBUTION	2/28/2006	DM N/A	36 month	2/19/2042	12	24
504	DISTRIBUTION	2/28/2007	MI HY	36 month	2/19/2043	11	25
525	DISTRIBUTION	2/28/2008	MI HY	36 month	2/19/2044	10	26
620	Acad 384 House	9/15/2008	MI HY	36 month	9/6/2044	9	27
631	Acad 384 House	10/15/2008	MI HY	36 month	10/6/2044	9	27
632	Acad 384 House	11/15/2008	MI HY	36 month	11/6/2044	9	27
633	Acad 384 House	12/15/2008	MI HY	36 month	12/6/2044	9	27
634	Acad 384 House	1/15/2009	MI HY	36 month	1/6/2045	9	27
635	Acad 384 House	2/15/2009	MI HY	36 month	2/6/2045	9	27
636	Acad 384 House	3/15/2009	MI HY	36 month	3/6/2045	9	27
637	Acad 384 House	4/15/2009	MI HY	36 month	4/6/2045	9	27
638	Acad 384 House	5/15/2009	MI HY	36 month	5/6/2045	9	27
639	Acad 384 House	7/15/2009	MI HY	36 month	7/6/2045	8	28
640	Acad 384 House	8/15/2009	MI HY	36 month	8/6/2045	8	28
711	Acad 384 House	2/28/2010	MI HY	36 month	2/19/2046	8	29
752	Door House Rep	3/1/2011	MI HY	36 month	2/20/2047	7	30
770	Door House Rep	3/1/2012	MI HY	36 month	2/21/2048	6	31
812	House Rep/replace	3/1/2013	MI HY	36 month	2/20/2049	5	32
820	House Rep/replace	3/1/2014	MI HY	36 month	2/20/2050	4	33
866	10/4/2015	3/1/2015	MI HY	36 month	2/20/2051	3	34
891	1st qt addition	11/1/2015	MI HY	36 month	10/23/2051	2	35
904	2nd qt addition	2/1/2016	MI HY	36 month	1/23/2052	2	36
928	3rd qt addition	8/30/2016	MI HY	36 month	8/21/2052	1	37
941	4th qt addition	8/31/2016	MI HY	36 month	8/22/2052	1	38
972	2017 Add	3/1/2017	MI HY	36 month	2/20/2053	1	39
1006	1st qt addition	11/30/2017	MI HY	36 month	11/21/2053	0	40
1007	2nd qt addition	12/31/2017	MI HY	36 month	12/22/2053	0	41

Unassigned Allocation

6 6

Subtotal: 38300	Average Life Remaining	26	26
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Low disposition and exchanges:

Net Ser: 38400

[illegible]

659	Asset 391-1	9/15/2008	NI	HY	10/0000	9/15/2018	9	1	1
659	Asset 391-1	10/15/2008	NI	HY	10/0000	10/15/2018	9	1	1
660	Asset 391-1	10/15/2008	NI	HY	10/0000	10/15/2018	9	1	1
662	Asset 391-1	12/15/2008	NI	HY	10/0000	12/15/2018	9	1	1
663	Asset 391-1	1/15/2009	NI	HY	10/0000	1/15/2019	9	1	1
664	Asset 391-1	2/15/2009	NI	HY	10/0000	2/15/2019	9	1	1
665	Asset 391-1	4/15/2009	NI	HY	10/0000	4/15/2019	9	2	2
666	Asset 391-1	8/15/2009	NI	HY	10/0000	8/15/2019	9	2	2
687	S General Plant -	2/29/2008	NI	HY	10/0000	2/29/2010	18	0	0
716	Computer	2/28/2010	NI	HY	10/0000	2/28/2020	9	2	2
718	Computer	3/1/2011	NI	HY	10/0000	2/26/2021	7	1	1
717	Computer	3/1/2012	NI	HY	10/0000	2/27/2022	6	4	4
817	Computer	3/1/2013	NI	HY	10/0000	2/27/2023	5	5	5
818	Computer	3/1/2014	NI	HY	10/0000	2/27/2024	4	6	6
870	CHAS/TEER	3/1/2015	NI	HY	10/0000	2/26/2025	1	7	7
906	2nd qtr addition	2/1/2016	NI	HY	10/0000	1/29/2026	2	8	8
936	1st qtr addition	5/15/2016	NI	HY	10/0000	5/16/2026	7	8	8
945	4th qtr addition	8/31/2016	NI	HY	10/0000	8/29/2026	1	9	9
974	2017 Addition	3/1/2017	NI	N/A	10/0000	2/27/2027	1	9	9
1010	1st qtr addition	11/30/2017	NI	HY	10/0000	11/28/2027	0	10	10

Unassigned Allocation

44 44

Subtotal: 39100

Average Life Remaining 3 5

Less dispositions and exchanges:

Net Rec: 39100

					Fully Disposed	12/31/2017 Remaining Years	Without O	
510		12/30 Pickup SS	2/28/2007	NI HY	5/0000	2/27/2012	11	0
670		Continuation of	2/28/2006	DOH N/A	5/0000	2/27/2011	17	0
672		Truck 9998 (Used)	8/15/2009	DOH N/A	5/0000	8/14/2014	8	0
673		Continuation of	6/1/2009	NI HY	5/0000	5/1/2010	13	0
674		Continuation of	8/1/2004	SI N/A	5/0000	7/31/2009	13	0
675		Continuation of	8/1/2004	SI N/A	5/0000	7/31/2009	13	0
676		Continuation of	8/1/2004	NI HY	5/0000	7/31/2009	13	0
688		Continuation of	3/1/2005	NI HY	5/0000	2/28/2010	13	0
689		Truck 4151 (2008)	4/15/2009	NI HY	5/0000	4/14/2014	9	0
690		Truck 0033 (2009)	4/15/2009	SI N/A	5/0000	4/14/2014	9	0
692		Truck 4042 (2009)	3/15/2009	NI HY	5/0000	3/14/2014	9	0
694		Continuation of	3/1/2005	NI HY	5/0000	2/28/2010	13	0
697		Continuation of	2/28/2006	DOH N/A	5/0000	2/27/2011	17	0
722		2009 Ford Truck	12/15/2009	NI HY	5/0000	12/14/2014	8	0
725		2010 Ford Truck	5/15/2010	NI HY	5/0000	5/14/2015	8	0
726		2008 Ford Range	8/15/2010	NI HY	5/0000	8/14/2015	7	0
760		2011 Jeep 49293	5/1/2011	NI HY	5/0000	4/29/2016	7	0
761		2011 Chev 40466	6/1/2011	NI HY	5/0000	5/10/2016	7	0
790		2012 Jeep 8208	9/15/2011	NI HY	5/0000	9/15/2016	6	0
791		2011 Dodge 4140	9/15/2011	NI HY	5/0000	9/15/2016	6	0
792		2012 Lincoln	10/15/2011	NI HY	5/0000	10/13/2016	6	0
793		2012 Chevy 19031	4/15/2012	NI HY	5/0000	4/14/2017	6	0
794		2012 Ford 4414	6/15/2012	NI HY	5/0000	6/14/2017	6	0
795		2012 Ford 3562	7/15/2012	NI HY	5/0000	7/14/2017	5	0
818		Transportation	3/1/2013	NI HY	5/0000	2/26/2018	4	0
845		2013 Suburban	3/1/2014	NI HY	5/0000	2/28/2019	3	1
846		2013 Suburban	3/1/2014	NI HY	5/0000	2/28/2019	3	1
847		2014 Dodge 2500	4/1/2014	NI HY	5/0000	3/31/2019	4	1
848		2014 Dodge 2500	5/1/2014	NI HY	5/0000	4/30/2019	4	1
849		2014 Dodge 2500	8/1/2014	NI HY	5/0000	7/31/2019	3	2
873		2015 V350 PV	9/9/2014	NI HY	5/0000	8/29/2019	3	2
874		2015 RAM 2500	9/9/2014	NI HY	5/0000	8/29/2019	3	2
875		2015 RAM 2500	2/28/2015	NI HY	5/0000	2/27/2020	3	2
876		2015	4/30/2015	NI HY	5/0000	4/28/2020	3	2
935		1st qtr addition	11/1/2015	NI HY	5/0000	10/10/2020	2	3
937		2nd qtr addition	3/1/2016	NI HY	5/0000	1/10/2021	2	3
941		2nd qtr addition	5/30/2016	NI HY	5/0000	5/29/2021	2	3
944		4th qtr addition	8/31/2016	NI HY	5/0000	8/30/2021	1	4
975		Transportation	3/1/2017	NI HY	5/0000	2/26/2022	1	4
1011		1st qtr addition	11/30/2017	NI HY	5/0000	11/29/2022	0	5
1012		2nd qtr addition	12/31/2017	NI HY	5/0000	12/30/2022	0	5
1013		Truck 0033 (2009)	4/15/2009	SI N/A	5/0000	4/14/2014	9	0

Unassigned Allocation

105 105

Subtotal: 39100

Average Life Remaining 3 8

Less dispositions and exchanges:

Net Rec: 39100

39400					Fully Disposed	12/31/2017 Remaining Years	Without O	
452	Scout 4461 4718	10/1/2004	NI	HY	10/0000	9/29/2014	13	0
453	Scout 4461 4718	10/1/2004	NI	HY	10/0000	9/29/2014	13	0
484	Truck 455 4	2/28/2006	DOH	N/A	10/0000	2/26/2016	12	0
532	CHAS/RAU	2/28/2008	NI	HY	10/0000	2/26/2018	10	0
679	Sub 2nd Truck	6/15/2009	NI	HY	10/0000	6/11/2019	9	1
717	Truck 4	2/28/2010	NI	HY	10/0000	2/26/2020	8	2
819	Truck 4 Garage	3/1/2013	NI	HY	10/0000	2/27/2023	5	5
830	Truck 4 Garage	3/1/2014	NI	HY	10/0000	2/27/2024	4	6
853	Truck 4 Garage	3/1/2015	NI	HY	10/0000	2/27/2025	4	6
871	Truck 4 Garage	3/1/2016	NI	HY	10/0000	2/26/2026	3	7
976	2017 Addition	3/1/2017	NI	HY	10/0000	2/27/2027	1	9
1014	2nd qtr addition	12/31/2017	NI	HY	10/0000	12/29/2027	0	10

Unassigned Allocation

11 11

Subtotal: 39400

Average Life Remaining 5 6

Less dispositions and exchanges:

Net Rec: 39400

					<u>Fully Disposed</u>	<u>12/31/2017 Remaining Years</u>	<u>Without O</u>		
39600									
544	General - 1 Addition	2/28/2008	NI	HY	10/0000	2/25/2018	10	0	0

Unassigned Allocation

2 2

Subtotal: 39600

Average Life Remaining 1 1

Less dispositions and exchanges:

Net Rec: 39600

					Fully Disposed	12/31/2017 Remaining Years	Without Ds	
171	3700 DTH (T)	12/31/1999	NI	HY	10/0000	12/28/2009	18	0
235	GENERAL	9/1/2002	NI	HY	10/0000	8/29/2017	15	0
292	Condon	2/1/2004	SI	N/A	10/0000	1/29/2014	14	0
293	Blonde Converter	2/1/2004	SI	N/A	10/0000	1/29/2014	14	0
294	2" 535 Honda	8/1/2004	SI	N/A	10/0000	7/30/2014	13	0
454	Road Truck	10/1/2004	NI	HY	10/0000	9/29/2014	13	0
455	Blonde	5/1/2005	NI	HY	10/0000	4/29/2015	13	0
456	Air Compressor	6/1/2005	NI	HY	10/0000	5/30/2015	13	0
457	Conv Pro 47-2011	8/1/2005	NI	HY	10/0000	7/30/2015	12	0
458	PSA 478	2/28/2006	DOH	N/A	10/0000	2/26/2016	12	0
511	Conv Pro 47-2011	2/28/2007	NI	HY	10/0000	2/24/2017	11	0
640	Asset 396 Power	8/15/2009	NI	HY	10/0000	8/11/2019	8	2
718	Power Operated	2/28/2010	NI	HY	10/0000	2/26/2020	8	2
719	Power Operated	3/1/2012	NI	HY	10/0000	2/27/2022	6	4
820	Power Operated	3/1/2013	NI	HY	10/0000	2/27/2023	5	5
852	Power Operated	3/1/2014	NI	HY	10/0000	2/27/2024	4	6
894	1st qtr addition	11/1/2015	NI	HY	10/0000	10/29/2025	2	8
977	Power Operated	3/1/2017	NI	HY	10/0000	2/27/2027	1	9
1015	1st qtr addition	11/30/2017	NI	HY	10/0000	11/28/2027	0	10
1016	3700 DTH (T) WES	12/31/1999	NI	HY	10/0000	12/28/2009	18	0

Unassigned Allocation

23 23

Subtotal: 39800

Average Life Remaining 3 8

Less dispositions and exchanges:

Net Rec: 39800

19700					Full Disposed	12/31/2017 Remaining Years	Without D
458	MarTrac Mobile	11/2005	M HY	10/0000	12/02/2014	13	0
459	MarTrac Mobile	11/2005	M HY	10/0000	12/02/2014	13	0
460	FDX Inventory	8/1/2005	M HY	10/0000	7/01/2015	12	0
486	CUMMINS/NIHAT	2/28/2006	DRB N/A	10/0000	2/26/2016	12	0
533	GENERATOR	2/28/2008	M HY	10/0000	2/05/2018	10	0
641	Acad 397	9/15/2008	M HY	10/0000	9/11/2018	9	1
642	Acad 397	9/15/2008	M HY	10/0000	9/11/2018	9	1
643	Acad 397	2/15/2009	M HY	10/0000	2/11/2019	9	1
644	Acad 397	2/15/2009	M HY	10/0000	2/11/2019	9	1
719	Communication	2/28/2010	M HY	10/0000	2/26/2020	8	2
843	Communication	3/1/2011	M HY	10/0000	2/26/2021	7	3
853	Communication	3/1/2014	M HY	10/0000	2/27/2024	4	6
908	End ofr addition	2/1/2016	M HY	10/0000	1/29/2026	2	8
932	End ofr addition	5/30/2016	M HY	10/0000	5/28/2026	2	8

Unassigned Allocation

4 4

Subtotal: 19700

Average Life Remaining 2 4

Low disposition and exchange:

Net Inv: 19700

19800

789	General	3/1/2012	M HY	10/0000	2/27/2022	6	4
854	General	3/1/2014	M HY	10/0000	2/27/2024	4	6
872	General	3/1/2015	M HY	10/0000	2/26/2025	3	7

Full Disposed 12/31/2017 Remaining Years Without D

Average Life Remaining 6 6

Subtotal: 19800

Low disposition and exchange:

Net Inv: 19800

Unassigned

Full Disposed 12/31/2017 Remaining Years Without D

16	S	15 YEAR	11/1985	R	N/A	12/21/2020	33	3	3
18		15 YEAR	11/1986	R	N/A	12/21/2021	32	4	4
19		TRANSMISSION	11/1986	ALB	HY	12/21/2024	19	17	17
25	S	DISTRIBUTION	8/1/1972	STD	N/A	8/27/2006	45	0	0
26		DISTRIBUTION	8/1/1973	STD	N/A	8/22/2009	44	0	0
27		DISTRIBUTION	8/1/1974	STD	N/A	8/22/2010	43	0	0
28		DISTRIBUTION	8/1/1975	STD	N/A	8/22/2011	42	0	0
29		DISTRIBUTION	8/1/1976	STD	N/A	8/22/2012	41	0	0
30		DISTRIBUTION	8/1/1977	STD	N/A	8/22/2013	40	0	0
31		DISTRIBUTION	8/1/1978	STD	N/A	8/22/2014	39	0	0
32		DISTRIBUTION	8/1/1979	STD	N/A	8/22/2015	38	0	0
33		DISTRIBUTION	8/1/1980	STD	N/A	8/22/2016	37	0	0
34		MAINT GAS	8/1/1976	STD	N/A	8/22/2012	41	0	0
35		PROP SYSTEMS	8/1/1977	STD	N/A	8/22/2013	40	0	0
36		PROP SYSTEMS	8/1/1978	STD	N/A	8/22/2014	39	0	0
38		PROP SYSTEMS	8/1/1979	STD	N/A	8/22/2015	38	0	0
42	S	PROP SYSTEMS	8/1/1980	STD	N/A	8/22/2016	37	0	0
43		PROP SYSTEMS	11/1985	SL	N/A	12/21/2000	53	0	0
44		PROP SYSTEMS	11/1974	SL	N/A	12/21/2009	44	0	0
45		PROP SYSTEMS	11/1975	SL	N/A	12/21/2010	43	0	0
46		PROP SYSTEMS	11/1982	SL	N/A	12/21/2017	36	0	0
47		5 YEAR	11/1987	M HY	10/0000	12/21/2022	31	5	5
48		5 YEAR	11/1987	ALB	HY	12/21/2022	31	5	5
49		5 YEAR	11/1988	SL	N/A	12/21/2023	30	6	6
50		5 YEAR	11/1988	ALB	HY	12/21/2023	30	6	6
51		5 YEAR	11/1989	SL	N/A	12/21/2024	29	7	7
52		5 YEAR	11/1989	ALB	HY	12/21/2024	29	7	7
53		5 YEAR	11/1990	SL	N/A	12/21/2025	28	8	8
54		5 YEAR	11/1990	ALB	HY	12/21/2025	28	8	8
55		5 YEAR	11/1991	SL	N/A	12/21/2026	27	9	9
56		5 YEAR	11/1991	ALB	HY	12/21/2026	27	9	9
57		5 YEAR	11/1992	M HY	10/0000	12/21/2026	27	9	9
60		5 YEAR	11/1992	ALB	HY	12/21/2027	26	10	10
61		5 YEAR	9/30/1992	M HY	10/0000	9/21/2028	25	11	11
62		5 YEAR	8/1/1993	ALB	HY	7/21/2029	24	12	12
63		5 YEAR	11/1993	R HY	10/0000	12/21/2017	36	0	0
65		5 YEAR	11/1994	ALB	HY	12/21/2019	34	12	12
66		5 YEAR	11/1994	ALB	HY	12/21/2020	33	13	13
67		5 YEAR	11/1994	ALB	HY	12/21/2021	32	14	14
68		5 YEAR	11/1994	ALB	HY	12/21/2022	31	15	15
69		5 YEAR	11/1994	ALB	HY	12/21/2023	30	16	16
70		5 YEAR	11/1994	ALB	HY	12/21/2024	29	17	17
71		5 YEAR	11/1994	ALB	HY	12/21/2025	28	18	18
72		5 YEAR	11/1994	ALB	HY	12/21/2026	27	19	19
73		5 YEAR	11/1994	ALB	HY	12/21/2027	26	20	20
74		5 YEAR	11/1994	ALB	HY	12/21/2028	25	21	21
75		5 YEAR	11/1994	ALB	HY	12/21/2029	24	22	22
76		5 YEAR	11/1994	ALB	HY	12/21/2030	23	23	23
77		5 YEAR	11/1994	ALB	HY	12/21/2031	22	24	24
78		5 YEAR	11/1994	ALB	HY	12/21/2032	21	25	25
79		5 YEAR	11/1994	ALB	HY	12/21/2033	20	26	26
80		5 YEAR	11/1994	ALB	HY	12/21/2034	19	27	27
81		5 YEAR	11/1994	ALB	HY	12/21/2035	18	28	28
82		5 YEAR	11/1994	ALB	HY	12/21/2036	17	29	29
83		5 YEAR	11/1994	ALB	HY	12/21/2037	16	30	30
84		5 YEAR	11/1994	ALB	HY	12/21/2038	15	31	31
85		5 YEAR	11/1994	ALB	HY	12/21/2039	14	32	32
86		5 YEAR	11/1994	ALB	HY	12/21/2040	13	33	33
87		5 YEAR	11/1994	ALB	HY	12/21/2041	12	34	34
88		5 YEAR	11/1994	ALB	HY	12/21/2042	11	35	35
89		5 YEAR	11/1994	ALB	HY	12/21/2043	10	36	36
90		5 YEAR	11/1994	ALB	HY	12/21/2044	9	37	37
91		5 YEAR	11/1994	ALB	HY	12/21/2045	8	38	38
92		5 YEAR	11/1994	ALB	HY	12/21/2046	7	39	39
93		5 YEAR	11/1994	ALB	HY	12/21/2047	6	40	40
94		5 YEAR	11/1994	ALB	HY	12/21/2048	5	41	41
95		5 YEAR	11/1994	ALB	HY	12/21/2049	4	42	42
96		5 YEAR	11/1994	ALB	HY	12/21/2050	3	43	43
97		5 YEAR	11/1994	ALB	HY	12/21/2051	2	44	44
98		5 YEAR	11/1994	ALB	HY	12/21/2052	1	45	45
99		5 YEAR	11/1994	ALB	HY	12/21/2053	0	46	46
100		5 YEAR	11/1994	ALB	HY	12/21/2054	0	47	47
101		5 YEAR	11/1994	ALB	HY	12/21/2055	0	48	48
102		5 YEAR	11/1994	ALB	HY	12/21/2056	0	49	49
103		5 YEAR	11/1994	ALB	HY	12/21/2057	0	50	50
104		5 YEAR	11/1994	ALB	HY	12/21/2058	0	51	51
105		5 YEAR	11/1994	ALB	HY	12/21/2059	0	52	52
106		5 YEAR	11/1994	ALB	HY	12/21/2060	0	53	53
107		5 YEAR	11/1994	ALB	HY	12/21/2061	0	54	54
108		5 YEAR	11/1994	ALB	HY	12/21/2062	0	55	55
109		5 YEAR	11/1994	ALB	HY	12/21/2063	0	56	56
110		5 YEAR	11/1994	ALB	HY	12/21/2064	0	57	57
111		5 YEAR	11/1994	ALB	HY	12/21/2065	0	58	58
112		5 YEAR	11/1994	ALB	HY	12/21/2066	0	59	59
113		5 YEAR	11/1994	ALB	HY	12/21/2067	0	60	60
114		5 YEAR	11/1994	ALB	HY	12/21/2068	0	61	61
115		5 YEAR	11/1994	ALB	HY	12/21/2069	0	62	62
116		5 YEAR	11/1994	ALB	HY	12/21/2070	0	63	63
117		5 YEAR	11/1994	ALB	HY	12/21/2071	0	64	64
118		5 YEAR	11/1994	ALB	HY	12/21/2072	0	65	65
119		5 YEAR	11/1994	ALB	HY	12/21/2073	0	66	66
120		5 YEAR	11/1994	ALB	HY	12/21/2074	0	67	67
121		5 YEAR	11/1994	ALB	HY	12/21/2075	0	68	68
122		5 YEAR	11/1994	ALB	HY	12/21/2076	0	69	69
123		5 YEAR	11/1994	ALB	HY	12/21/2077	0	70	70
124		5 YEAR	11/1994	ALB	HY	12/21/2078	0	71	71
125		5 YEAR	11/1994	ALB	HY	12/21/2079	0	72	72
126		5 YEAR	11/1994	ALB	HY	12/21/2080	0	73	73
127		5 YEAR	11/1994	ALB	HY	12/21/2081	0	74	74
128		5 YEAR	11/1994	ALB	HY	12/21/2082	0	75	75
129		5 YEAR	11/1994	ALB	HY	12/21/2083	0	76	76
130		5 YEAR	11/1994	ALB	HY	12/21/2084	0	77	77
131		5 YEAR	11/1994	ALB	HY	12/21/2085	0	78	78
132		5 YEAR	11/1994	ALB	HY	12/21/2086	0	79	79
133		5 YEAR	11/1994	ALB	HY	12/21/2087	0	80	80
134		5 YEAR	11/1994	ALB	HY	12/21/2088	0	81	81
135		5 YEAR	11/1994	ALB	HY	12/21/2089	0	82	82
136		5 YEAR	11/1994	ALB	HY	12/21/2090	0	83	83
137		5 YEAR	11/1994	ALB	HY	12/21/2091	0	84	84
138		5 YEAR	11/1994	ALB	HY	12/21/2092	0	85	85
139		5 YEAR	11/1994	ALB	HY	12/21/2093	0	86	86
140		5 YEAR	11/1994	ALB	HY	12/21/2094	0	87	87
141		5 YEAR	11/1994	ALB	HY	12/21/2095	0	88	88
142		5 YEAR	11/1994	ALB	HY	12/21/2096	0	89	89
143		5 YEAR	11/1994	ALB	HY	12/21/2097	0	90	90
144		5 YEAR	11/1994	ALB	HY	12/21/2098	0	91	91
145		5 YEAR	11/1994	ALB	HY	12/21/2099	0	92	92
146		5 YEAR	11/1994	ALB	HY	12/21/2100	0	93	93
147		5 YEAR	11/1994	ALB	HY	12/21/2101	0	94	94
148		5 YEAR	11/1994	ALB	HY	12/21/2102	0	95	95
149		5 YEAR	11/1994	ALB	HY	12/21/2103	0	96	96
150		5 YEAR	11/1994	ALB	HY	12/21/2104	0	97	97
151		5 YEAR	11/1994	ALB	HY	12/21/2105	0	98	98
152		DISTRIBUTION	11/1993	ALB	HY	12/21/2010	33	13	13
153		DISTRIBUTION	11/1993	ALB	HY	12/21/2011	32	14	14
154		DISTRIBUTION	11/1993	ALB	HY	12/21/2012	31	15	15
155		DISTRIBUTION	11/1993	ALB	HY	12/21/2013	30	16	16
156		DISTRIBUTION	11/1993	ALB	HY	12/21/2014	29	17	17
157		DISTRIBUTION	11/1993	ALB	HY	12/21/2015	28	18	18
158		DISTRIBUTION	11/1993	ALB	HY	12/21/2016	27	19	19
159		DISTRIBUTION	11/1993	ALB	HY	12/21/2017	26	20	20
160		DISTRIBUTION	11/1993	ALB	HY	12/21/2018	25	21	21
161		DISTRIBUTION	11/1993	ALB	HY	12/21/2019	24	22	22
162		DISTRIBUTION	11/1993	ALB	HY	12/21/2020	23	23	23
163		DISTRIBUTION	11/1993	ALB	HY	12/21/2021	22	24	24
164		DISTRIBUTION	11/1993	ALB	HY	12/21/2022	21	25	25
165		DISTRIBUTION	11/1993	ALB	HY	12/21/2023	20	26	26
166		DISTRIBUTION	11/1993	ALB	HY	12/21/2024	19	27	27
167		DISTRIBUTION	11/1993	ALB	HY	12/21/2025	18	28	28
168		DISTRIBUTION	11/1993	ALB	HY	12/21/2026	17	29	29
169		DISTRIBUTION	11/1993	ALB	HY	12/21/2027	16	30	30
170		DISTRIBUTION	11/1993	ALB	HY	12/21/2028	15	31	31
171		DISTRIBUTION	11/1993	ALB	HY	12/21/2029	14	32	32
172		DISTRIBUTION	11/1993	ALB	HY	12/21/2030	13	33	33
173		DISTRIBUTION	11/1993	ALB	HY	12/21/2031	12	34	34
174		DISTRIBUTION	11/1993	ALB	HY	12/21/2032	11	35	35
175		DISTRIBUTION	11/1993	ALB	HY	12/21/2033	10	36	36
176		DISTRIBUTION	11/1993	ALB	HY	12/21/2034	9	37	37
177		DISTRIBUTION	11/1993	ALB	HY	12/21/2035	8	38	38
178		DISTRIBUTION	11/1993	ALB	HY	12/21/			

Exhibit 2
Cause No. 45032-510
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Midwest Natural Gas Corporation
Refundable Excess Deferred Income Taxes Calculation
March 31, 2016

Line		
1	Accumulated Federal Deferred Income Taxes at 34% (Exhibit 3 Page 2)	(2,235,986)
2	Accumulated Federal Deferred Income Taxes at 21% (Exhibit 3 Page 3)	<u>(1,381,050)</u>
3	Excess Accumulated Federal Deferred Income Taxes as of 8/31/2013	<u><u>(854,936)</u></u>

Midwest Natural Gas Corporation
Deferred Tax at 34%
03/31/16

<u>Line</u>			ST LIABILITY	LT LIABILITY	ST ASSET	LT ASSET
1	NET BOOK VALUE - BOOKS 03/31/16			14,123,494		
2	NET BOOK VALUE - TAX 03/31/16			7,141,528		
3	DIFFERENCE			(6,981,966)		
4	UNBILLED REVENUE				119,477	
5	UNAMORTIZED RATE CASE			(51,512)		
6	UNREALIZED GAIN ON ING INVESTMENT			(1,403,020)		
7	PENSION-OCI					803,401
8	PENSION					(345,209)
9	TOTAL DEFERRALS		-	(8,436,498)	119,477	458,192
10	STATE TAX AT 6.25%	373,417	-	409,521	(7,467)	(28,637)
11	FEDERAL TAX AT 34%	<u>2,545,040</u>	-	<u>2,729,172</u>	<u>(38,083)</u>	<u>(146,049)</u>
12	DEFERRED TAX, 03/31/16	<u>2,918,457</u>	-	<u>3,138,693</u>	<u>(45,550)</u>	<u>(174,686)</u>
13	Protected items			(6,981,966)		
14	State deferred taxes			(453,828)		
15	Federal deferred taxes net of state taxes			(2,219,567)		
16	Unprotected items				State Tax	Federal Tax
17	Unbilled revenue (short term item)			-	-	-
18	Unrealized gain loss on investments (not included in income)			-	-	-
19	Unamortized rate case expense			(51,512)	(3,220)	(16,419)
20	Pension (not included in income)			-	-	-
21	Pension - OCI (not included in income)			-	-	-
22	Total			(51,512)	(3,220)	(16,419)
23	Accumulated Federal Deferred Income Taxes (Line 15 + Line 22)			<u>(2,235,986)</u>		

Midwest Natural Gas Corporation
Deferred Tax at 21%
March 31, 2016

Line

		ST LIABILITY	LT LIABILITY	ST ASSET	LT ASSET
1	NET BOOK VALUE - BOOKS 03/31/16		14,123,494		
2	NET BOOK VALUE - TAX 03/31/16		7,141,528		
3	DIFFERENCE		(6,981,966)		
4	UNBILLED REVENUE			119,477	
5	UNAMORTIZED RATE CASE		(51,512)		
6	UNREALIZED GAIN ON ING INVESTMENT		(1,403,020)		
7	PENSION-OCI				803,401
8	PENSION				(345,209)
9	TOTAL DEFERRALS	-	(8,436,498)	119,477	458,192
10	STATE TAX AT 6.25%	373,417	409,521	(7,467)	(28,637)
11	FEDERAL TAX AT 34%	1,571,936	1,685,665	(23,522)	(90,207)
12	DEFERRED TAX, 03/31/16	1,945,353	2,095,186	(30,989)	(118,844)
13	Protected items		(6,981,966)		
14	State deferred taxes		(453,828)		
15	Federal deferred taxes net of state taxes		(1,370,909)		
16	Unprotected items			State Tax	Federal Tax
17	Unbilled revenue (short term item)	-	-	-	-
18	Unrealized gain loss on investments (not included in income)	-	-	-	-
19	Unamortized rate case expense	-	(51,512)	(3,220)	(10,141)
20	Pension (not included in income)	-	-	-	-
21	Pension - OCI (not included in income)	-	-	-	-
22	Total		(51,512)	(3,220)	(10,141)
23	Accumulated Federal Deferred Income Taxes (Line 15 + Line 22)		(1,381,050)		