215 South Cascade Street
PO Box 496
Fergus Falls, Minnesota 56538-0496
218 739-8200
www.otpco.com (web site)



August 29, 2014

Dr. Burl W. Haar Executive Secretary Minnesota Public Utilities Commission 121 Seventh Place East, Suite 350 St. Paul, MN 55101-2147

RE: In the Matter of Otter Tail Power Company's Petition for Approval of its 2014 Annual Review of Depreciation Certification Docket No. E017/D-14-

Dear Dr. Haar:

Otter Tail Power Company ("Otter Tail") hereby submits its 2014 Annual Review of Depreciation Certification.

Otter Tail has electronically filed this document with the Commission in compliance with Minn. Rule 7829.1300, subp. 2. Otter Tail is serving a copy of this filing on the Minnesota Department of Commerce - Division of Energy Resources and the Office of Attorney General – Antitrust & Utilities Division. A Summary of the filing has been served on all persons on Otter Tail's general service list. A Certificate of Service is also enclosed.

Please contact me at (218) 739-8659 or <u>ldemmer@otpco.com</u> if you have any questions.

Sincerely,

/s/LOYAL K. DEMMER Loyal K. Demmer, CMA Depreciation Accountant

jce Enclosures By electronic filing c: Service List



STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

In the Matter of Otter Tail Power Company's Petition for Approval of its 2014 Annual Review of Depreciation Certification

Docket No. E017/D-14-___

SUMMARY OF FILING

Please take notice that on August 29, 2014, Otter Tail Power Company filed its 2014 Annual Review of Depreciation Certification with the Minnesota Public Utilities Commission. The study is being filed under Minnesota Rules Parts 7825.0700.

STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

In the Matter of Otter Tail Power Company's Petition for Approval of its 2014 Annual Review of Depreciation Certification

Docket No. E017/D-14-___

PETITION OF OTTER TAIL POWER COMPANY

I. INTRODUCTION

Pursuant to Minnesota Rules Part 7825.0700, Otter Tail Power Company ("Otter Tail" or the "Company") hereby files its 2014 Annual Petition for Depreciation Certification. Otter Tail requests that the study be certified effective as of January 1, 2015.

II. GENERAL FILING INFORMATION

Pursuant to Minnesota Rule 7829.1300, subp. 4, Otter Tail provides the following general information.

A. Name, Address, and Telephone Number of Utility

Otter Tail Power Company 215 South Cascade Street P. O. Box 496 Fergus Falls, MN 56538-0496 (218) 739-8200

B. Name, Address, and Telephone Number of Utility Attorney

Bruce Gerhardson Associate General Counsel Otter Tail Power Company 215 South Cascade Street P. O. Box 496 Fergus Falls, MN 56538-0496 (218) 739-8475 bgerhardson@otpco.com

C. <u>Date of Filing and Date Study Proposed to Take Effect</u>

The filing date is August 29, 2014, and Otter Tail requests approval as of January 1, 2015.

D. <u>Controlling Law for the Filing</u>

Minnesota Statutes §§ 216B.08 and 216B.11, and Minnesota Rules Part 7825.0700 – 7825.0900 control the filing.

E. <u>Title of Utility Employee Responsible for Filing</u>

Loyal K. Demmer, CMA
Depreciation Accountant
Otter Tail Power Company
215 South Cascade Street
P. O. Box 496
Fergus Falls, MN 56538-0496
(218) 739-8659
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III. DESCRIPTION OF FILING

This filing constitutes Otter Tail's 2014 Annual Petition for Depreciation Certification. Otter Tail's last five-year comprehensive depreciation study was filed in 2013 and approved by the Minnesota Public Utilities Commission ("Commission") on April 7, 2014, in Docket No. E017/D-13-795. Otter Tail's next five-year comprehensive depreciation study is due September 1, 2018. Annual depreciation certification filings are to be filed on or before September 1 of each year in the four interim years between the five-year comprehensive depreciation studies.

This petition contains four attachments:

- 1. 2014 Depreciation Rate Study prepared by Foster Associates, Inc., Attachment No. 1;
- 2. Proposed Remaining Lives and Salvage Percentages for Use in 2015, Attachment No. 2;
- 3. Supplemental Comments, Attachment No. 3;

4. Schedule and Narrative of Comparison with the Company's Resource Plan that was filed in Docket No. E017/RP-13-961 on December 2, 2013, Attachment No. 4¹.

Attachment No. 1 contains Statement B, which is a Comparison of Current and Proposed Accruals showing depreciation expense for both total Company and the portion allocated to the Minnesota jurisdiction based on plant in-service balances as of December 31, 2013. Other statements in Attachment No. 1 provide the rest of the schedules required in an annual review of depreciation.

Attachment No. 2 lists the property accounts for which the Company requests certification of the remaining lives and salvage percentages to be used in determining 2015 depreciation rates.

Attachment No. 3, "Supplemental Comments," addresses additional information not included in Attachment No. 1; specifically it includes comments related to long-term depreciation planning

and explanations about future plant additions and retirements.

Attachment No. 4 provides a schedule and narrative explaining differences between the remaining lives used in this Petition and the Company's most recent Integrated Resource Plan that was filed on December 2, 2013.

IV. OTHER DEPRECIATION FILING MATTERS

A. Big Stone Plant Air Quality Control System (AQCS) Remaining Life Update:

As was discussed in Otter Tail's five-year depreciation filing last year (Docket No. E017/D-13-795), Otter Tail is submitting in this filing the remaining life extension for Big Stone Plant resulting from the Air Quality Control System ("AQCS") initiative as directed by the Environmental Protection Agency ("EPA") Regional Haze, Class I air quality directive. Otter Tail had originally proposed that the Commission should approve the extension as part of that five-year study, but the Department indicated in its Comments that it preferred the extension to correspond to the in-service date of the AQCS project, which was not scheduled to occur until the period covered by this 2014 annual depreciation study filing. Specifically, the Department said in its January 17, 2014

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¹ Ordinarily IRP filings are due by July 1 of the year they are filed (Rule 7843.0300, Subp. 2), however, in its Order dated March 25, 2013 in Docket No. E017/RP-10-623, the MN PUC ordered that Otter Tail file its next IRP by December 1, 2013.

Comments, "OTP can propose a life extension for Big Stone in its next depreciation study ..." As explained in Otter Tail's February 17, 2014 Reply Comments, in that proceeding, this annual filing includes the in-service date for the project: "The current expected in-service date for the AQCS project is in 2015, which falls within the period that will be covered by Otter Tail's next annual depreciation filing [i.e. this 2014 depreciation filing]. Therefore, Otter Tail will plan to include its remaining life extension for the plant in its next depreciation filing..."). The expected in-service date for the AQCS project has not changed, so Otter Tail is requesting approval of the extension for the balance of plant as part of this filing.

To explain this life extension's impact on Otter Tail's overall depreciation expense, Otter Tail provides the following additional information. According to Statement B, Attachment 1, which is based on plant in-service balances as of December 31, 2013; it appears that Big Stone Plant will experience a \$1,156,488 reduction in scheduled depreciation expense for 2015 (Minnesota share). This reduction is driven primarily by the Remaining Life change for the plant effective with this filing. This reduction in depreciation expense is expected to be countered with depreciation expense increases related to plant additions occurring in 2014 and 2015 that were not part of the 2013 year-end plant balance included in the analysis for this year's study, such as the Hoot Lake Mercury Air Toxics Standards ("MATS") project.

B. <u>Determination of Generation Assets Remaining Life Policy:</u>

There are no remaining life extensions proposed in this filing that are the result of Otter Tail's Generation Assets Remaining Lives Policy.

In 2008, Otter Tail adopted its Determination of Generation Assets Remaining Lives policy to better manage its generation fleet which contained a large percentage of Generation Assets which at the time were approaching their Average Year of Final Retirement ("AYFR"). The policy was introduced to the Department and the Commission

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² Docket No. E017/D-13-795, Minnesota Department of Commerce, Division of Energy Resources, Comments, January 17, 2014, page 4.

³ Docket No. E017/D-13-795, Otter Tail Power Company, Reply Comments, February 17, 2014, page 2.

in Otter Tail's 2009 Depreciation filing (Docket No. E017/D-09-1019) and resulting life extensions were reflected in the 2010 Depreciation Filing (Docket No. E017/D-10-953).

While much of the policy's prior scope is currently not applicable as a result of determining an end of life timeframe for Hoot Lake Plant, the Peaking Plant facilities at Jamestown and Lake Preston still remain within the scope of the policy requiring annual plant assessments. However, while the Peaking Plant facilities are within the scope of the policy, the 2014 plant assessment for these three Frame 5 Peaking units resulted in a recommendation of no change for the plants' remaining lives this year. Plans have been made to upgrade the existing control equipment which are at or near their functional obsolescence, but have not yet been implemented. Otter Tail will re-evaluate the status of these facilities during next year's depreciation filing. Otter Tail's IRP does assume these needed upgrades will be made within the time frame covered by the IRP.

C. Peaking Capacity Cost Information

The Commission's Order Accepting Resource Plan Change, (Docket No. E017/RP-05-968) dated March 26, 2009, requires that: "In its first depreciation filing that includes new peaking generators, Otter Tail shall compare the last rate case's short term peaking capacity costs to the peaking capacity costs of the new generators." This filing does not include any new peaking generators so there is no cost information to report at this time.

V. MISCELLANEOUS INFORMATION

A. <u>Pursuant to Minnesota Rule 7829.0700, Otter Tail Requests that the Following</u>
Persons be Placed on the Commission's Official Service List for this Proceeding:

Loyal K. Demmer, CMA
Depreciation Accountant
Otter Tail Power Company
215 South Cascade Street
P. O. Box 496
Fergus Falls, MN 56538-0496
Idemmer@otpco.com

and

Bruce Gerhardson Associate General Counsel Otter Tail Power Company 215 South Cascade Street P. O. Box 496 Fergus Falls, MN 56538-0496 bgerhardson@otpco.com

B. Service on Other Parties

Otter Tail has served a copy of this filing on the Department of Commerce – Division of Energy Resources and the Office of Attorney General – Antitrust & Utilities Division, and a summary of the filing on all parties on the attached general service list.

C. Summary of Filing

A one-paragraph summary of the Petition is attached.

VI. CONCLUSION

Otter Tail respectfully requests that the Commission approve this annual petition for depreciation certification, to be effective as of January 1, 2015.

Dated: August 29, 2014

Respectfully submitted,

OTTER TAIL POWER COMPANY

/s/ LOYAL K. DEMMER

Loyal K. Demmer, CMA
Depreciation Accountant
Otter Tail Power Company
215 South Cascade Street
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2014 Technical Update





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EXECUTIVE SUMMARY

INTRODUCTION

This report presents the findings and recommendations developed in a 2014 Technical Update of depreciation rates for Otter Tail Power Company prepared by Foster Associates, Inc. The parameters (*i.e.*, projection curves, projection lives and future net salvage rates) used in the update were developed in the Company's 2013 Depreciation Study based on December 31, 2012 plant and reserve balances. Age distributions of surviving plant on December 31, 2013 were used in the 2014 update to derive composite service life statistics and theoretical depreciation reserves.

The purpose of a technical update is to adjust depreciation rates for changes in the variables associated with a remaining life accrual rate. The variables for an account include the age distribution of surviving plant, the recorded depreciation reserve and the average net salvage rate used in the calculation of a theoretical reserve. A technical update retains the parameters developed and/or approved in the most recent full depreciation study and adjusts depreciation rates for subsequent changes in plant, reserves and realized net salvage activity.

The principal findings from this review are summarized in the attached statements. Statement A provides a comparative summary of current and proposed annual depreciation rates for each rate category. Statement B provides a comparison of current and proposed annual depreciation accruals. Statement C provides a comparison of recorded and computed depreciation reserves for each rate category. Statement D provides a summary of the components used to obtain a weighted—average net salvage rate for each plant account. Statement E provides a computation of estimated future net salvage rates for life—span categories. Statement F provides a comparative summary of current and proposed parameters and statistics including projection life, projection curve, average service life, average remaining life, and average and future net salvage rates.

SCOPE OF STUDY

The principal activities undertaken in the course of conducting the 2014 Technical Update included:

- Collection of plant and net salvage data;
- Reconciliation of data to the official records of the Company;
- Development of continuity schedules;
- Computation of average net salvage rates; and
- Development of adjusted accrual rates for each rate category.

Accrual rates currently used by the Company were developed from parameters approved in Docket No. E-017/D-13-795 (Order Dated April 7, 2014). Depreciation accruals and reserve activity recorded in 2013 were posted to December 31, 2012 reserves to obtain appropriate reserve ratios for the 2014

Technical Update.

Notwithstanding that Otter Tail responsibly rebalanced depreciation reserves (with Commission approval) in each full study and each technical update for nearly twenty (20) years, the Department asserted in Docket No. E–017/D–11–886 that: "... the only clear effect of OTP's practice of redistributing reserves is to create a layer of confusion on OTP's depreciation calculations." The Commission accepted the Department's comment and ordered that: "OTP shall discontinue redistributing its depreciation reserves effective with this filing." The stability in accrual rates and control of amortization accounts that Otter Tail achieved by rebalancing depreciation reserves has been eliminated by Commission order and removed from all subsequent studies and technical updates.

PROPOSED DEPRECIATION RATES

Table 1 provides a summary of the changes in annual rates and accruals resulting from the 2014 Technical Update. Rates proposed for each primary account (with the exception of amortization accounts) have been developed including authorized allowances for net salvage.

		Accrual Ra	te	2014	Annualized Ac	crual
Function	Current	Proposed	Difference	Current	Proposed	Difference
Α	В	С	D=C-B	E	F	G=F-E
Production Steam	2.88%	2.29%	-0.59%	\$10,321,680	\$8,191,348	(\$2,130,332)
Hydraulic	7.47%	7.91%	0.44%	459,833	486,456	26,623
Other	4.09%	4.12%	0.03%	12,600,444	12,710,004	109,560
Transmissio	1.72%	1.71%	-0.01%	4,596,633	4,566,054	(30,579)
Distribution	2.49%	2.52%	0.03%	10,495,611	10,613,271	117,660
General	4.57%	4.55%	-0.02%	2,349,576	2,335,322	(14,254)
Total Utility	2.89%	2.76%	-0.13%	\$40,823,777	\$38,902,455	(\$1,921,322)

Table 1. Current and Proposed Rates and Accruals

Adjustments developed in the technical update produce a composite depreciation rate of 2.76 percent. Depreciation expense is currently accrued at an equivalent rate of 2.89 percent. The recommended change in the composite depreciation rate is, therefore, a reduction of 0.13 percentage points.

A continued application of rates derived from currently approved parameters would produce annual depreciation expense of \$40,823,777 compared with an annual expense of \$38,902,455 using the rates developed in the update. The reduction of \$1,921,322 is largely attributable to an extension of the estimated year of final retirement for the Big Stone steam production facility from 2027 to 2046. The portion of the reduction allocated to the Minnesota jurisdiction is \$949,661.

STATEMENTS

INTRODUCTION

This section provides a comparative summary of depreciation rates, annual depreciation accruals, recorded and computed depreciation reserves, and current and proposed service life and net salvage parameters for Otter Tail Power Company. The content of these statements is briefly described below.

- Statement A provides a comparative summary of current and proposed annual depreciation rates for calendar year 2014 using the straight-line method, vintage group procedure, remaining-life technique.
- Statement B provides a comparison of the current and proposed annualized depreciation accruals for calendar year 2014 based upon the rates developed in Statement A.
- Statement C provides a comparison of recorded and computed reserves for each rate category.
- Statement D provides a summary of the components used to obtain a weighted average net salvage rate for each rate category.
- Statement E provides a computation of the estimated future net salvage rate for life—span categories.
- Statement F provides a comparative summary of current and proposed parameters including projection life, projection curve and future net salvage rates. The statement also contains current and proposed statistics including average service life, average remaining life, and average net salvage rates.

Current depreciation accruals shown on Statement B are the product of the plant investment (Column B) and the current depreciation rates (Column D) shown on Statement A. Similarly, the proposed depreciation accruals shown on Statement B are the product of the plant investment and the proposed depreciation rates (Column H) shown on Statement A. The proposed remaining life accrual rates are given by:

$$Accrual\,Rate = \frac{1.0 - Reserve\,Ratio - Future\,Net\,Salvage\,Rate}{Remaining\,Life}$$

Minnesota State Agency Rules 7825.0700, Subpart 1 provide that each utility shall file the following schedules (for each year since the last certification) in the form prescribed by the Commission.

- 1. Plant in service (by primary account):
 - a) Beginning and ending plant balances;
 - b) Additions and retirements; and
 - c) Adjustments and transfers.
- 2. Analysis of depreciation reserve (by primary account):
 - a) Beginning and ending reserve balances;
 - b) Depreciation accruals and plant retirements;
 - c) Cost of removal and gross salvage value; and
 - d) Transfers, adjustments and other debits (credits).
- 3. Summary of annual depreciation accruals (by primary account):
 - a) Plant balance;
 - b) Estimated net salvage;
 - c) Depreciation reserve;
 - d) Probable service life; and
 - e) Depreciation accrual and rate.

While the Agency rules do not require submission of continuity schedules in a technical update, this section includes the following statements which set forth the above information for calendar year 2013:

- 1. Statement G Plant Activity;
- 2. Statement H Analysis of Depreciation Reserve; and
- 3. Statement I Summary of Annual Depreciation Accruals.

Minnesota State Agency Rules 7825.0700, Subpart 2-B provide that each utility shall disclose a list of any major future additions or retirements to the plant accounts that the utility believes may have a material effect on the current certification results. Any future additions or retirements that would materially affect the current certification results are discussed in the Company's application.

Comparison of Current and Proposed Accrual Rates

Current: VG Procedure / RL Technique Proposed: VG Procedure / RL Technique

			Current			Pro	posed	
		Rem.	Fut. Net	Accrual	Rem.	Fut. Net	Reserve	Accrual
	Account Description	Life	Salvage	Rate	Life	Salvage	Ratio	Rate
	A	В	С	D	E	F	G	H
	PRODUCTION							
311.00	Structures and Improvements	19.48	-9.0%	1.84%	25.04	-10.3%	75.98%	1.49%
312.00	Boiler Plant Equipment	15.93	-9.4%	3.22%	20.50	-10.8%	63.40%	2.56%
314.00	•	16.79	-9.4%	3.02%	23.87	-11.0%	60.41%	2.26%
315.00		19.29	-9.0%	2.21%	23.70	-10.5%	68.21%	1.92%
316.00	Miscellaneous Power Plant Equipment	15.09	-9.3%	3.52%	19.71	10.8%	56.42%	3.02%
Tot	tal Steam Production Plant	. —		2.88%	21.88	-10.7%	65.27%	2.29%
HYDRA	ULIC PRODUCTION							
331.00	Structures and Improvements	8.41		5.93%	7.43		55.45%	6.00%
332.00	Reservoirs, Dams and Waterways	8.41		7.97%	7.43		35.88%	8.63%
333.00	Water Wheels, Turbines & Generators	8.41		6.02%	7.43		54.77%	6.09%
334.00	Accessory Electric Equipment	8.41		5.31%	7.43		60.07%	5.37%
335.00	Miscellaneous Power Plant Equipment	8.41		10.87%	7.43		17.60%	11.099
Tot	tal Hydraulic Production Plant			7.47%	7.43		41.26%	7.919
OTHER	PRODUCTION							
341.00	Structures and Improvements	20.93	-1.2%	3.75%	19.84	-1.2%	25.68%	3.819
342.00	Fuel Holders and Accessories	16.77	-1.0%	3.66%	15.91	-1.0%	40.91%	3.839
343.00	Prime Movers	20.33	-0.8%	2.66%	19.41	-0.8%	47.22%	2.679
344.00		19.96	-1.5%	4.29%	19.01	-1.5%	19.40%	4.329
345.00		19.88	-1.5%	4.16%	18.90	-1.5%	21.88%	4.219
346.00		19.57	-0.9%	3.45%	19.21	-0.8%	29.64%	3.749
	tal Other Production Plant			4.09%	19.05	-1.4%	22.82%	4.129
TRANS	MISSION PLANT							
353.00	Station Equipment	53.06	-5.0%	1.53%	52.96	-5.0%	23.96%	1.539
354.00	Towers and Fixtures	37.90	-10.0%	1.54%	55.88	-10.0%	20.35%	1.60%
355.00	Poles and Fixtures	55.58	-50.0%	1.97%	53.85	-50.0%	45.95%	1.93%
356.00	Overhead Conductors and Devices	53.25	-30.0%	1.64%	53.33	-30.0%	42.56%	1.64%
358.00	Underground Conductors and Devices	10.86	-5.0%	1.63%	10.33	-5.0%	89.44%	1.519
	tal Transmission Plant	10.00		1.72%	53.49	-28.8%	37.31%	1.719
	BUTION PLANT							
362.00	Station Equipment	32.22	5.0%	2.11%	32.24	5.0%	27.38%	2.109
364.00	Poles, Towers and Fixtures	48.68	-75.0%	2.48%	48.37	-75.0%	54.78%	2.499
365.00	Overhead Conductors and Devices	44.33	-100.0%	2.79%	44.11	-100.0%	76.99%	2.799
367.00	Underground Conductors and Devices	24.81	-5.0%	2.33%	24.63	-5.0%	47.61%	2.33
368.00	Line Transformers	28.19	50.0%	1.25%	28.20	50.0%	14.82%	1.25
369.00	Overhead Services	33.52	-150.0%	4.17%	32.98	-150.0%	112.50%	4.17
369.10	Underground Services	30.89	-20.0%	2.60%	30.51	-20.0%	40.52%	2.619
370.00	Meters	20.64	-20.076	3.14%	20.69	-20.070	34.40%	3.17
370.00	Load Management Switches	4.42		11.16%	3.56		55.65%	12.46°
370.10	Interruption Monitors		Year Amort			← 5 Year	Amortizatio	
371.20	Other Private Lighting	← 3 17.10	10.0%	3.84%	17.01	10.0%	25.04%	3.82
373.00	Street Lighting and Signal Systems	17.10	-5.0%	3.44%	15.24	-5.0%	54.16%	3.34
	Succi Liununu anu Siunai Systems	10.43	-3.0%	J.4470	10.24	-3.0%	U4. IU70	J.J4`

Comparison of Current and Proposed Accrual Rates
Current: VG Procedure / RL Technique
Proposed: VG Procedure / RL Technique

		Current			Pro	posed	
	Rem.	Fut. Net	Accrual	Rem.	Fut. Net	Reserve	Accrual
Account Description	Life	Salvage	Rate	Life	Salvage	Ratio	Rate
A	В	С	D	E	F	G	Н
GENERAL PLANT							
Depreciable							
390.00 Structures and Improvements	31.91	10.0%	2.07%	31.71	10.0%	24.36%	2.07%
390.10 General Office Buildings	17.10	51.2%	0.44%	16.14	51.5%	44.76%	0.23%
390.20 Fleet Service Center Building	. 12.29	38.6%	0.23%	11.32	38.6%	61.49%	-0.01%
390.30 Central Stores Building	21.81	95.5%	-2.14%	20.87	93.8%	51.86%	-2.19%
396.00 Power Operated Equipment	16.79	20.0%	2.45%	17.03	20.0%	34.05%	2.70%
397.40 Communication Towers	25.05	5.0%	2.10%	25.69	5.0%	41.41%	2.09%
Total Depreciable			1.24%	25.84	27.9%	33.29%	1.20%
Amortizable							
391.00 Office Furniture	← 15 `	Year Amort	ization →		← 15 Year <i>i</i>	Amortizatior	۱ →
391.10 Office Equipment	← 10 `	Year Amort	ization →		← 10 Year <i>i</i>	Amortization	า →
391.20 Duplicating Equipment	← 10 `	Year Amort	ization →		← 10 Year <i>i</i>	Amortization	า →
391.50 Computer Systems	← 5`	Year Amort	ization →	•	← 5 Year A	Amortization	า →
391.60 Computer Related Equipment	. ← 5`	Year Amort	ization →		← 5 Year A	Amortization	า →
394.00 Tools, Shop and Garage Equipment	← 15 `	Year Amort	ization $ ightarrow$		← 15 Year <i>i</i>	Amortization	۱ →
394.20 Automated Meter Reading Equipment	· ← 15 `	Year Amort	ization $ ightarrow$		← 15 Year <i>i</i>	Amortization	า →
397.00 Communication Equipment	← 15 `	ization →		← 15 Year <i>i</i>	Amortization	า →	
397.10 Radio Telecommunication Equipment	← 10 `	Year Amort	ization →		← 10 Year	Amortizatio	า →
397.20 Microwave Equipment	← 15 `	Year Amort	ization →		← 15 Year <i>i</i>	Amortization	า →
397.30 Radio Load Control Equipment	<u>← 10 `</u>	Year Amort	iz <u>ation →</u>		<u> 10 Year</u> 4	<u>Amortizatio</u> r	
Total Amortizable			10.27%	4.69		46.04%	10.27%
Total General Plant			4.57%	10.35	17.6%	37.99%	4.55%
TOTAL UTILITY			2.89%	24.94	-13.7%	42.98%	2.76%
STEAM PRODUCTION							
Big Stone	*						
311.00 Structures and Improvements	14.22	-8.1%	1.95%	31.07	-11.8%	81.87%	0.96%
312.00 Boiler Plant Equipment	14.23	-8.1%	3.59%	31.11	-11.8%	58.86%	1.70%
314.00 Turbogenerator Units	14.23	-8.1%	3.40%	31.13	-11.8%	59.10%	1.69%
315.00 Accessory Electric Equipment	14.22	-8.1%	2.75%	31.09	-11.8%	70.38%	1.33%
316.00 Miscellaneous Power Plant Equipment	14.23	-7.9%	3.24%	31.11	-11.4%	58.73%	1.69%
Total Big Stone			3.22%	31.11	-11.8%	63.39%	1.55%
Hoot Lake Units 2 and 3							
311.00 Structures and Improvements	7.42	-14.3%	3.26%	6.44	-14.1%	92.12%	3.41%
312.00 Boiler Plant Equipment	7.43	-14.3%	6.41%	6.45	-14.1%	70.34%	6.78%
314.00 Turbogenerator Units	7.43	-14.3%	3.64%	6.44	-14.1%	89.54%	3.81%
315.00 Accessory Electric Equipment	7.42	-14.3%	2.38%	6.44	-14.1%	83.31%	4.78%
316.00 Miscellaneous Power Plant Equipment	7.43	-14.2%	6.62%	6.45	-14.1%	66.12%	7.44%
Total Hoot Lake Units 2 and 3			5.34%	6.45	-14.1%	76.96%	5.76%
Coyote 311.00 Structures and Improvements	07.44	0 70/	4 540/	26.40	0.60/	60 040/	4 500/
311.00 Structures and Improvements	27.41	-8.7%	1.51%	26.48	-8.6%	68.94%	1.50%
312.00 Boiler Plant Equipment	27.42	-8.7%	1.66%	26.49	-8.6%	64.60%	1.66%
314.00 Turbogenerator Units	27.44	-8.7%	2.28%	26.52	-8.6%	48.91%	2.25%
315.00 Accessory Electric Equipment	27.42	-8.7%	1.75%	26.50	-8.6%	63.01%	1.72%
316.00 Miscellaneous Power Plant Equipment	27.44	-8.4%	2.15%	26.51	-8.3%	48.04%	2.27%
Total Coyote			1.73%	26.49	-8.6%	62.85%	1.73%

Comparison of Current and Proposed Accrual Rates

Current: VG Procedure / RL Technique Proposed: VG Procedure / RL Technique

		Current			Pro	pposed	
	Rem.	Fut. Net	Accrual	Rem.	Fut. Net	Reserve	Accrual
Account Description	Life	Salvage	Rate	Life	Salvage	Ratio	Rate
Α	В	С	D	E	F	G	Н
HYDRAULIC PRODUCTION							
Hoot Lake							
331.00 Structures and Improvements	8.40		0.27%	7.42		98.01%	0.27%
332.00 Reservoirs, Dams and Waterways	8.40		2.51%	7.43		82.20%	2.40%
333.00 Water Wheels, Turbines & Generators	8.40		1.61%	7.42		87.90%	1.63%
334.00 Accessory Electric Equipment	8.40		2.22%	7.43		83.35%	2.24%
335.00 Miscellaneous Power Plant Equipment	8.41		11.76%	7.43		5.50%	12.72%
Total Hoot Lake			2.86%	7.43		78.57%	2.89%
<u>Wright</u>							
331.00 Structures and Improvements	8.40		3.35%	7.43		74.88%	3.38%
332.00 Reservoirs, Dams and Waterways	8.41		5.36%	7.43		59.75%	5.42%
333.00 Water Wheels, Turbines & Generators	8.41		5.46%	7.43		59.00%	5.52%
334.00 Accessory Electric Equipment	8.41		5.75%	7.43		56.81%	5.81%
335.00 Miscellaneous Power Plant Equipment	8.41	·	9.09%	7.43		31.65%	9.20%
Total Wright			5.88%	7.43		55.83%	5.95%
<u>Pisgah</u>							
331.00 Structures and Improvements	8.40		2.67%	7.42		79.96%	2.70%
332.00 Reservoirs, Dams and Waterways	8.41		7.98%	7.43		40.02%	8.07%
333.00 Water Wheels, Turbines & Generators	8.41		7.43%	7.43		44.16%	7.52%
334.00 Accessory Electric Equipment	8.41		6.37%	7.43		52.15%	6.44%
335.00 Miscellaneous Power Plant Equipment	8.41		13.21%	7.43		0.75%	13.36%
Total Pisgah			8.00%	7.43		39.86%	8.09%
Dayton Hollow							
331.00 Structures and Improvements	8.41		11.68%	7.43		12.22%	11.81%
332.00 Reservoirs, Dams and Waterways	8.41		10.31%	7.43		14.32%	11.53%
333.00 Water Wheels, Turbines & Generators	8.41		7.32%	7.43		44.98%	7.41%
334.00 Accessory Electric Equipment	8.41		5.10%	7.43		61.67%	5.16%
335.00 Miscellaneous Power Plant Equipment	8.41		12.18%	7.43		8.52%	12.31%
Total Dayton Hollow	***************************************		9.51%	7.43		22.75%	10.40%
Taplin Gorge							
331.00 Structures and Improvements	8.39		1.02%	7.42		92.37%	1.03%
332.00 Reservoirs, Dams and Waterways	8.41		6.93%	7.43		47.91%	7.01%
333.00 Water Wheels, Turbines & Generators	8.39		0.88%	7.41		93.39%	0.89%
334.00 Accessory Electric Equipment	8.41		4.46%	7.43		66.50%	4.51%
335.00 Miscellaneous Power Plant Equipment	8.41		9.63%	7.43		27.60%	9.74%
Total Taplin Gorge	<u> </u>		6.73%	7.43		49.42%	6.81%
Bemidji	•						
	8.41		8.73%	7.43		34.38%	8.83%
•	8.41		8.29%	7.43		34.36%	9.29%
332.00 Reservoirs, Dams and Waterways 333.00 Water Wheels, Turbines & Generators	8.41		6.47%	7.43		51.39%	9.29% 6.54%
			6.47%	7.43 7.42			
	8.39 8.41					51.52%	6.53%
335.00 Miscellaneous Power Plant Equipment Total Bemidji	0.41		<u>10.80%</u> 7.91%	7.43		18.82% 36.50%	10.93% 8.54%
i ota i bennuji			1.9170	1.43		30.50%	0.54%

Comparison of Current and Proposed Accrual Rates
Current: VG Procedure / RL Technique
Proposed: VG Procedure / RL Technique

			Current				posed	
		Rem.	Fut. Net	Accrual	Rem.	Fut. Net	Reserve	Accrual
	Account Description	Life	Salvage	Rate	Life	Salvage	Ratio	Rate
OTUEN	A	. В	С	D	E	F	G	Н
	PRODUCTION							
<u>Jamest</u>		10.25	4 40/	2 700/	0.30	1 40/	64.260/	2.050
341.00	Structures and Improvements	10.35	-1.4%	2.70%	9.38	-1.4%	64.36%	3.95%
342.00	Fuel Holders and Accessories	10.36	-1.4%	5.56%	9.39	-1.4%	42.79%	6.24%
343.00	Prime Movers	10.35	-1.4%	2.17%	9.38	-1.4%	80.90%	2.189
344.00	Generators							
345.00	Accessory Electric Equipment	10.36	-1.4%	4.32%	9.39	-1.4%	60.85%	4.32%
346.00	Miscellaneous Power Plant Equipment	10.36	1.4%	4.47%	9.39	-1.4%	45.20%	5.98%
Tot	tal Jamestown			2.46%	9.38	-1.4%	77.24%	2.57%
<u>Jamest</u>	own Unit 1							
341.00	Structures and Improvements	10.35	-1.4%	2.42%	9.38	-1.4%	66.64%	3.719
342.00	Fuel Holders and Accessories	10.36	-1.4%	5.85%	9.39	-1.4%	39.45%	6.60%
343.00	Prime Movers	10.35	-1.4%	2.52%	9.38	-1.4%	77.65%	2.53%
344.00	Generators			/				
345.00	Accessory Electric Equipment	10.35	-1.4%	3.56%	9.38	-1.4%	67.99%	3.569
346.00	• • •	10.36	-1.4%	4.86%	9.39	-1.4%	43.82%	6.139
	tal Jamestown Unit 1	10.30	-1.470	2.93%	9.38	-1.4%	71.96%	3.149
				2.0070	3.50	-1.770	71.5070	5.177
	own Unit 2							
	Structures and Improvements	10.36	-1.4%	5.90%	9.39	-1.4%	38.59%	6.699
342.00	Fuel Holders and Accessories	10.35	-1.4%	2.57%	9.38	-1.4%	77.28%	2.579
343.00	Prime Movers	10.35	-1.4%	1.91%	9.38	-1.4%	83.36%	1.929
344.00	Generators							
345.00	Accessory Electric Equipment	10.36	-1.4%	6.08%	9.39	-1.4%	44.46%	6.069
346.00		10.35	-1.4%	1.93%	9.38	-1.4%	54.18%	5.039
Tot	tal Jamestown Unit 2			2.01%	9.38	-1.4%	82.27%	2.049
Lake Pi	reston							
341.00	Structures and Improvements	10.35	-2.4%	2.06%	9.38	-2.4%	74.25%	3.009
342.00	Fuel Holders and Accessories	10.36	-2.4%	3.46%	9.38	-2.4%	69.89%	3.479
	Prime Movers	10.35	-2.4%	1.84%	9.38	-2.4%	85.03%	1.85%
		10.33	-2.470	1.0470	9.30	-2.470	05.0576	1.007
344.00	Generators	40.05	0.40/	4 000/	0.00	0.40/	07.220/	4 040
345.00	Accessory Electric Equipment	10.35	-2.4%	1.60%	9.38	-2.4%	87.33%	1.619
346. <u>0</u> 0		10.35	2.4%	1.61%	9.38	-2.4%	87.21%	1.629
	tal Lake Preston			1.96%	9.38	-2.4%	83.44%	2.029
<u>Ashtab</u>	ula Wind Generation							
341.00	Structures and Improvements	19.97	-1.2%	4.27%	19.02	-1.2%	19.91%	4.279
342.00	Fuel Holders and Accessories							
343.00	Prime Movers							
344.00	Generators	19.97	-1.2%	4.26%	19.02	-1.2%	19.31%	4.31°
345.00	Accessory Electric Equipment	19.97	-1.2%	4.27%	19.02	-1.2%	19.48%	4.30
346.00	Miscellaneous Power Plant Equipment	19.97	-1.2%	4.98%	19.02	-1.2%	3.89%	5.12
	tal Ashtabula Wind Generation		1.2.70	4.26%	19.02	-1.2%	19.33%	4.319
					. 3.42			.,
	on Wind Generation	40.00	4 861	4.0404	40.05	4 =0.	00.5004	4.00
341.00	Structures and Improvements	19.02	-1.5%	4.31%	18.07	-1.5%	23.52%	4.329
342.00	Fuel Holders and Accessories							
343.00	Prime Movers							
344.00	Generators	19.02	-1.5%	4.34%	18.07	-1.5%	22.77%	4.36
345.00	Accessory Electric Equipment	19.02	-1.5%	4.32%	18.07	-1.5%	21.40%	4.43
346.00	Miscellaneous Power Plant Equipment	19.02	-1.5%	5.17%	18.07	-1.5%	5.12%	5.33
	tal Langdon Wind Generation			4.34%			22.66%	4.37

Comparison of Current and Proposed Accrual Rates

Current: VG Procedure / RL Technique Proposed: VG Procedure / RL Technique

			Current			Pro	posed	
		Rem.	Fut. Net	Accrual	Rem.	Fut. Net	Reserve	Accrual
	Account Description	Life	Salvage	Rate	Life	Salvage	Ratio	Rate
	A	В	С	D	E	F	G	Н
Luverne	e Wind Generation							
341.00	Structures and Improvements	20.92	-2.0%	4.26%	19.97	-2.0%	16.74%	4.27%
342.00	Fuel Holders and Accessories							
343.00	Prime Movers							
344.00	Generators	20.92	-2.0%	4.28%	19.97	-2.0%	15.98%	4.31%
345.00	Accessory Electric Equipment	20.92	-2.0%	4.26%	19.97	-2.0%	16.64%	4.27%
346.00	Miscellaneous Power Plant Equipment	20.92	-2.0%	4.79%	19.97	-2.0%	5.26%	4.84%
Tot	al Luverne Wind Generation			4.28%	19.97	-2.0%	16.05%	4.31%
Solway	Combustion Turbine	•						
341.00	Structures and Improvements	24.67	-0.4%	2.93%	23.73	-0.4%	30.69%	2.94%
342.00	Fuel Holders and Accessories	24.67	-0.4%	2.94%	23.73	-0.4%	30.64%	2.94%
343.00	Prime Movers	24.67	-0.4%	2.93%	23.73	-0.4%	30.97%	2.93%
344.00	Generators							
345.00	Accessory Electric Equipment	24.67	-0.4%	2.92%	23.73	-0.4%	31.26%	2.91%
346.00	Miscellaneous Power Plant Equipment	24.67	-0.4%	3.02%	23.73	-0.4%	27.50%	3.07%
Tot	al Solway Combustion Turbine			2.93%	23.73	-0.4%	30.89%	2.93%
Fergus	Falls Control Center							
341.00	Structures and Improvements							
342.00	Fuel Holders and Accessories							
343.00	Prime Movers	17.10		3.04%	16.14		50.92%	3.04%
344.00	Generators							
345.00	Accessory Electric Equipment							
346.00	Miscellaneous Power Plant Equipment							
Tot	al Fergus Falls Control Center			3.04%	16.14		50.92%	3.04%

Comparison of Current and Proposed Accruals
Current: VG Procedure / RL Technique
Proposed: VG Procedure / RL Technique

		12/31/13	Minnesota										B		
		Plant	Allocation	_	Current An				Proposed Ar				Diffe		
Account Description		Investment	Factor		Total	Mir	nesota		Total	Mir	nnesota		Total	Min	nesota
Α		В	С		D		E=C*D		F		G=C*F		H=F-D		I=G-E
STEAM PRODUCTION				_		_		_				_		_	
311.00 Structures and Improvements	\$	61,995,888	0.49177888	\$		\$	562,324	\$	•	\$	454,267	\$	(219,729)	\$	(108,057
312.00 Boiler Plant Equipment		203,418,208	0.49177888		6,551,482		3,221,881		5,214,768		2,564,513	1	(1,336,714)		(657,368)
314.00 Turbogenerator Units		63,168,000	0.49177888		1,905,858		937,261		1,428,432		702,473		(477,426)		(234,788
315.00 Accessory Electric Equipment		23,976,144	0.49177888		530,111		260,697		460,742		226,583		(69,369)		(34,114
316.00 Miscellaneous Power Plant Equipment	_	5,420,910	0.49177888	_	190,780		93,822	_	163,686	_	80,497	_	(27,094)		(13,325
Total Steam Production Plant	\$	357,979,150		\$	10,321,680	\$	5,075,985	\$	8,191,348	\$	4,028,333	\$ ((2,130,332)	\$ (1,047,652
HYDRAULIC PRODUCTION															
331.00 Structures and Improvements	\$	351,712	0.49177888	\$	20,849	\$	10,252	\$	21,083	\$	10,368	\$	234	\$	116
332.00 Reservoirs, Dams and Waterways		3,709,279	0.49177888		295,723		145,430		320,085		157,411		24,362		11,981
333.00 Water Wheels, Turbines & Generators		1,057,186	0.49177888		63,643		31,297		64,375		31,659		732		362
34.00 Accessory Electric Equipment	٠.	592,400	0.49177888	•	31,483		15,482		31,828		15,653	•	345		171
35.00 Miscellaneous Power Plant Equipment		442,624	0.49177888		48,135		23,671		49,085	-	24,140		950		469
Total Hydraulic Production Plant	\$	6,153,201		\$	459,833	\$	226,132	\$	486,456	\$	239,231	\$	26,623	\$	13,099
OTHER PRODUCTION															
341.00 Structures and Improvements	\$	12.812.005	0.49177888	\$	480.650	\$	236,604	\$	487,534	\$	239,990	\$	6.884	\$	3,386
342.00 Fuel Holders and Accessories	·	1,748,265	0.49177888		64,007		31,477		66.884		32,892		2,877		1,415
343.00 Prime Movers		31,687,156	0.49177888		844,185		415,152		845,166		415,635		981		483
344.00 Generators		240,974,741	0.49177888		10,333,680		5,088,811		10,420,446		5,131,539		86,766		42,728
345.00 Accessory Electric Equipment		20,708,614	0.49177888		860,915		423,922		871,577		429,173		10,662		5,251
346.00 Miscellaneous Power Plant Equipment		492,263	0.49177888		17,007		8,366		18,397		9,050		1,390		684
Total Other Production Plant	\$	308,423,044		\$	12,600,444	\$	6,204,332	\$	12,710,004	\$	6,258,279	\$	109,560	\$	53,947
RANSMISSION PLANT													1		
53.00 Station Equipment	\$	78.145.172	0.47863773	\$	1,195,621	\$	572,269	\$	1,195,621	\$	572,269	\$	_	\$	_
54.00 Towers and Fixtures	·	12,357,116	0.47863773		190,300		91,085		197,714		94,633		7,414		3,548
355.00 Poles and Fixtures		94,749,175	0.47863773		1,866,559		893,406		1,828,659		875,265		(37,900)		(18,141
556.00 Overhead Conductors and Devices		81,883,560	0.47863773		1,342,890		642,758		1,342,890		642,758		,		` '
58.00 Underground Conductors and Devices		77,461	0.47863773		1.263		605		1,170		560		(93)		(45
Total Transmission Plant	\$	267,212,484		\$	4,596,633	\$	2,200,123	\$	4,566,054	\$	2,185,485	\$	(30,579)	\$	(14,638)
DISTRIBUTION PLANT															
62.00 Station Equipment	\$	71,102,531	0.44453017	\$	1,500,263	\$	666,912	\$	1,493,153	\$	663,752	\$	(7,110)	\$	(3,160
64.00 Poles, Towers and Fixtures	4	66,399,850	0.44453017	7	1,646,716	-	732,015	7	1,653,356	_	734,967	-	6,640	*	2,952
65.00 Overhead Conductors and Devices		47,102,109	0.44453017		1,314,149		584,179		1,314,149		584,179		0,0.0		_,-02
67.00 Underground Conductors and Devices		65,847,397	0.44453017		1,534,244		682,018		1,534,244		682,018				
68.00 Line Transformers		80,132,409	0.44453017		1,001,655		445,266		1,001,655		445,266				

Comparison of Current and Proposed Accruals
Current: VG Procedure / RL Technique
Proposed: VG Procedure / RL Technique

			12/31/13 Plant	Minnesota Allocation		Current An	nuel	Accrual		Proposed Ar	ייומי	Accrual		Diffe	rono	^
	Account Description		Investment	Factor	_	Total		nesota	_	Total		nnesota		Total		nesota
l	A		В	C		D		E=C*D		F		G=C*F		H=F-D		I=G-E
369.00	Overhead Services		12.293,487	0.44453017		512,638		227,883		512,638		227,883				
369.10	Underground Services		36,340,210	0.44453017		944,845		420.012		948,479		421,628		3,634		1,616
370.00	•		22,997,266	0.44453017		722,114		321,001		729,013		324,068		6,899		3,067
370.10	Load Management Switches		8,715,047	0.44453017		972,599		432,350		1.085.895		482,713		113,296		50,363
370.20	Interruption Monitors		645,863	0.44453017		15,571		6,922		15.571		6,922				•
371.20	Other Private Lighting		4,276,194	0.44453017		164,206		72,995		163,351		72,614		(855)		(381)
373.00	Street Lighting and Signal Systems		4,843,334	0.44453017		166,611		74,064		161,767		71,910		(4,844)		(2,154)
To	tal Distribution Plant	\$	420,695,697		\$	10,495,611	\$	4,665,617	\$	10,613,271	\$	4,717,920	\$	117,660	\$	52,303
GENER	AL PLANT															
	preciable															
	Structures and Improvements	\$	19,669,126	0.47138153	\$	407,151	\$	191.923	\$	407,151	\$	191,923	\$	_	\$	_
390.10	•		5,502,085	0.47138153	•	24,209		11,412	•	12,655	•	5,965	•	(11.554)	•	(5,447)
390.20	Fleet Service Center Building		815,591	0.47138153		1,876		884		(82)		(39)		(1,958)		(923)
390.30	Central Stores Building		3,974,861	0.47138153		(85,062)		(40,097)		(87,049)		(41,033)		(1,987)		(936)
396.00	Power Operated Equipment		573,119	0.47138153		14,041		6,619		15,474		7,294		1,433		675
397.40	Communication Towers		1,878,966	0.47138153		39,458		18,600		39,270		18,511		(188)		(89)
Tot	tal Depreciable	\$	32,413,748		\$	401,673	\$	189,341	\$	387,419	\$	182,621	\$	(14,254)	\$	(6,720)
Am	ortizable															
391.00	Office Furniture	\$	1,442,327	0.47138153	\$	94,988	\$	44,776	\$	94,988	\$	44,776	\$	-	\$	-
391.10	Office Equipment		1,005,443	0.47138153		88,287		41,617		88,287		41,617				
391.20	Duplicating Equipment		681,709	0.47138153		51,490		24,271		51,490		24,271				
391.50	Computer Systems		3,429,426	0.47138153		671,468		316,518		671,468		316,518				
391.60	Computer Related Equipment		1,410,318	0.47138153		272,631		128,513		272,631		128,513				
394.00	Tools, Shop and Garage Equipment		3,597,109	0.47138153		237,277		111,848		237,277		111,848				
394.20	Automated Meter Reading Equipment		589,444	0.47138153		39,296		18,523		39,296		18,523				
397.00	Communication Equipment		908,134	0.47138153		60,542		28,538		60,542		28,538				
397.10	Radio Telecommunication Equipment		1,473,619	0.47138153		134,106		63,215		134,106		63,215				
397.20	Microwave Equipment		4,017,927	0.47138153		261,771		123,394		261,771		123,394				
397.30	Radio Load Control Equipment		403,080	0.47138153		36,047		16,992		36,047		16,992				
Tot	al Amortizable	\$	18,958,536		\$	1,947,903	\$	918,205	\$	1,947,903	\$	918,205	\$	-	\$	-
Tot	al General Plant	\$	51,372,284		\$	2,349,576	\$	1,107,546	\$	2,335,322	\$	1,100,826	\$	(14,254)	\$	(6,720)
TO	TAL UTILITY	æ.	1,411,835,860		Φ.	40,823,777	œ	19,479,735	• •	38,902,455	æ	18,530,074	œ /·	1,921,322)	\$	(949,661)

Comparison of Current and Proposed Accruals
Current: VG Procedure / RL Technique
Proposed: VG Procedure / RL Technique

		12/31/13 Plant	Minnesota		Current A-	nuc!	Accrual		Droposed A		al Assertal		D:#-		_
Account Description			Allocation		Current An			_	Proposed A				Diffe		
Account Description		Investment	Factor		Total	Mii	nnesota		Total	Mir	nesota		Total	Mir	nesota
A		В	C		D		E=C*D		F		G=C*F		H=F-D		I=G-E
STEAM PRODUCTION															
Big Stone	_														
311.00 Structures and Improvements	\$	22,787,501	0.49177888	\$	444,356	\$	218,525	\$		\$	107,582	\$	(225,596)	\$	(110,943)
312.00 Boiler Plant Equipment		77,634,702	0.49177888		2,787,086		1,370,630		1,319,790		649,045	-	(1,467,296)		(721,585)
314.00 Turbogenerator Units		28,565,516	0.49177888		971,228		477,629		482,757		237,410		(488,471)		(240,219)
315.00 Accessory Electric Equipment		9,309,776	0.49177888		256,019		125,905		123,820		60,892		(132,199)		(65,013)
316.00 Miscellaneous Power Plant Equipment	***********	2,456,874	0.49177888		79,603		39,147		41,521		20,419		(38,082)		(18,728)
Total Big Stone	\$	140,754,369		\$	4,538,292	\$	2,231,836	\$	2,186,648	\$	1,075,348	\$	(2,351,644)	\$ ((1,156,488)
Hoot Lake Units 2 and 3															
311.00 Structures and Improvements	\$	6,116,976	0.49177888	\$	199,413	\$	98,067	\$	208,589	\$	102,580	\$	9,176	\$	4,513
312.00 Boiler Plant Equipment		35,292,424	0.49177888		2,262,244		1,112,524		2,392,826		1,176,741		130,582		64,217
314.00 Turbogenerator Units		10,712,723	0.49177888		389,943		191,766		408,155	•	200,722		18,212	•	8,956
315.00 Accessory Electric Equipment		2,766,673	0.49177888		65,847		32,382		132,247		65,036		66,400		32,654
316.00 Miscellaneous Power Plant Equipment		1,061,526	0.49177888	_	70,273	_	34,559	_	78,978		38,840		8,705		4,281
Total Hoot Lake Units 2 and 3	\$	55,950,322		\$	2,987,720	\$	1,469,298	\$	3,220,795	\$	1,583,919	\$	233,075	\$	114,621
Coyote															
311,00 Structures and Improvements	\$	33,091,411	0.49177888	\$	499,680	\$	245,732	\$	496,371	\$	244,105	\$	(3,309)	\$	(1,627)
312.00 Boiler Plant Equipment		90,491,082	0.49177888	-	1,502,152	,	738,727		1,502,152		738,727		() ,	•	(,
314.00 Turbogenerator Units		23,889,761	0.49177888		544,687		267,866		537,520		264,341		(7,167)		(3,525)
315.00 Accessory Electric Equipment		11,899,695	0.49177888		208,245		102,410		204,675		100,655		(3,570)		(1,755)
316.00 Miscellaneous Power Plant Equipment		1,902,510	0.49177888		40,904		20,116		43,187		21,238		2,283		1,122
Total Coyote	\$	161,274,459		\$	2,795,668	\$	1,374,851	\$	2,783,905	\$	1,369,066	\$	(11,763)	\$	(5,785)
HYDRAULIC PRODUCTION	•			-		·		·		·			, ,		
Hoot Lake															
	•	00.054	0.40477000	•	407	•	00	•	407	•	00			•	
331.00 Structures and Improvements	\$	69,354	0.49177888	\$	187	\$	92	\$	187	\$	92	\$	(000)	\$	(400)
332.00 Reservoirs, Dams and Waterways		297,674	0.49177888		7,472		3,675		7,144		3,513		(328)		(162)
333.00 Water Wheels, Turbines & Generators		104,195	0.49177888		1,678		825		1,698		835		20		10
334.00 Accessory Electric Equipment		34,651	0.49177888		769		378		776		382		7		4
335.00 Miscellaneous Power Plant Equipment	_	48,801	0.49177888		5,739	_	2,822	_	6,207	-\$	3,052		468 167	_	230
Total Hoot Lake	\$	554,675		\$	15,845	\$	7,792	\$	16,012	Ф	7,874	\$	167	\$	82
Wright															
331.00 Structures and Improvements	\$	19,026	0.49177888	\$	637	\$	313	\$	643	\$	316	\$	6	\$	3
332.00 Reservoirs, Dams and Waterways		382,677	0.49177888		20,511		10,087		20,741		10,200		230		113
333.00 Water Wheels, Turbines & Generators		228,711	0.49177888		12,488		6,141		12,625		6,209		137		68
334.00 Accessory Electric Equipment		200,524	0.49177888		11,530		5,670		11,650		5,729		120		59
335.00 Miscellaneous Power Plant Equipment		115,218	0.49177888		10,473		5,150		10,600		5,213		127		63
Total Wright	\$	946,156		\$	55,639	\$	27,361	\$	56,259	\$	27,667	\$	620	\$	306
								•	•				-		

Comparison of Current and Proposed Accruals
Current: VG Procedure / RL Technique
Proposed: VG Procedure / RL Technique

	12/31/13 Minnes														
		Plant	Allocation		Current An				Proposed A					rence	
Account Description	Ir	nvestment	Factor		Total	Minn	esota		Total	Min	nesota		Total	Minr	esota
Α		В	С		D		E=C*D		F		G=C*F		H=F-D		I=G-E
Pisgah	•	40 440	0.40477000	•	004	æ	450	•	207	\$	161	•	•	•	
331.00 Structures and Improvements	\$	12,118 341,275	0.49177888 0.49177888	\$	324 27,234	\$	159 13,393	\$	327	Ф	13,544	\$	3 307	\$	2 151
332.00 Reservoirs, Dams and Waterways		159,732	0.49177888				5,836		27,541		5,907		144		71
333.00 Water Wheels, Turbines & Generators			0.49177888		11,868		3,127		12,012		3,907 3,161		70		34
334.00 Accessory Electric Equipment		99,812 62,744	0.49177888		6,358 8,288		3,127 4,076		6,428 8,383		4,123		70 95		34 47
335.00 Miscellaneous Power Plant Equipment Total Pisgah	-\$	675,681	0.49177000	\$	54,072	\$	26,591	-\$	54,691	-\$	26,896	\$	619	\$	305
_	Ф	675,661		Ф	54,072	φ	20,591	Ф	54,691	Φ	20,090	Φ	018	Φ	303
Dayton Hollow	_			_		_		_		_		_		_	
331.00 Structures and Improvements	\$	16,269	0.49177888	\$	1,900	\$	934	\$	1,921	\$	945	\$	21	\$	11
332.00 Reservoirs, Dams and Waterways		1,282,054	0.49177888		132,180		65,003		147,821		72,695		15,641		7,692
333.00 Water Wheels, Turbines & Generators		226,751	0.49177888		16,598		8,163		16,802		8,263		204		100
334.00 Accessory Electric Equipment		193,342	0.49177888		9,860		4,849		9,976		4,906		116		57
335.00 Miscellaneous Power Plant Equipment		111,159	0.49177888	_	13,539	_	6,658		13,684	_	6,730	_	145		72
Total Dayton Hollow	\$	1,829,575		\$	174,077	\$	85,607	\$	190,204	\$	93,539	\$	16,127	\$	7,932
Taplin Gorge															
331.00 Structures and Improvements	\$	35,140	0.49177888	\$	358	\$	176	\$	362	\$	178	\$	4	\$	2
332.00 Reservoirs, Dams and Waterways		602,762	0.49177888		41,771		20,542		42,254		20,780		483		238
333.00 Water Wheels, Turbines & Generators		15,110	0.49177888		133		65		134		66		1		1
334.00 Accessory Electric Equipment		58,695	0.49177888		2,618		1,287		2,647		1,302		29		15
335.00 Miscellaneous Power Plant Equipment		103,632	0.49177888		9,980		4,908		10,094		4,964		114		56
Total Taplin Gorge	\$	815,339		\$	54,860	\$	26,978	\$	55,491	\$	27,290	\$	631	\$	312
Bemidii															
331.00 Structures and Improvements	\$	199.805	0.49177888	\$	17,443	\$	8,578	\$	17,643	\$	8.676	\$	200	\$	98
332.00 Reservoirs, Dams and Waterways	•	802,837	0.49177888	•	66,555	•	32,730		74,584	·	36,679	•	8.029	,	3,949
333.00 Water Wheels, Turbines & Generators		322,687	0.49177888		20.878		10,267		21,104		10,379		226		112
334.00 Accessory Electric Equipment		5,376	0.49177888		348		171		351		173		3		2
335.00 Miscellaneous Power Plant Equipment		1.070	0.49177888		116		· 57		117		58		1		1
Total Bemidji	\$	1,331,775		\$	105,340	\$	51,803	\$	113,799	\$	55,965	\$	8,459	\$	4,162
OTHER PRODUCTION															
Jamestown															
341.00 Structures and Improvements	\$	305,657	0.49177888	\$	8,261	\$	4,063	\$	12,081	\$	5,941	\$	3,820	\$	1,878
342.00 Fuel Holders and Accessories	φ	415,964	0.49177888	Ψ	23,128	Ψ	11,374	Ψ	25,972	Ψ	12,773	Ψ	2,844	Ψ	1,399
343.00 Prime Movers		6,645,516	0.49177888		144,389		71,007		145,053		71,334		664		327
344.00 Generators		0,040,010	0.73111000		177,000		7 1,007		170,000		7 1,004		004		021
345.00 Accessory Electric Equipment		222,880	0.49177888		9.639		4,741		9,625		4,734		(14)		(7)
346.00 Miscellaneous Power Plant Equipment		75.509	0.49177888		3,374		1.659		4,517		2.222		1,143		563
Total Jamestown	\$	7,665,526	0.40177000	\$	188,791	\$	92,844	\$	197,248	\$	97,004	-\$	8,457	\$	4,160
i otal Jaillestowii	Ψ	1,000,020		Ψ	100,731	Ψ	JZ,U74	Ψ	101,270	Ψ	57,004	Ψ	0,401	Ψ	7,100

Comparison of Current and Proposed Accruals
Current: VG Procedure / RL Technique
Proposed: VG Procedure / RL Technique

		12/31/13	Minnesota												
A		Plant	Allocation		Current An			_	Proposed A					rence	
Account Description		Investment	Factor		Total	Mil	nnesota		Total	Mii	nesota G=C*F		Total	Mini	nesota
Jamestown Unit 1		В	С		D		E=C*D		F		G=C*F		H=F-D		I=G-E
341.00 Structures and Improvements	\$	280,804	0.49177888	\$	6.795	\$	3.342	\$	10,418	\$	5.123	\$	3.623	\$	1.781
342.00 Fuel Holders and Accessories		379,195	0.49177888		22,183		10,909		25,027		12,308	·	2.844		1,399
343.00 Prime Movers		2,862,225	0.49177888		72,128		35,471		72,414		35,612		286		141
344.00 Generators															
345.00 Accessory Electric Equipment		155,272	0.49177888		5,528		2,719		5,528		2,719				
346.00 Miscellaneous Power Plant Equipment	_	65,403	0.49177888	_	3,179	_	1,563	_	4,009	_	1,972		830	_	409
Total Jamestown Unit 1	\$	3,742,899		\$	109,813	\$	54,004	\$	117,396	\$	57,734	\$	7,583	\$	3,730
Jamestown Unit 2															
341.00 Structures and Improvements	\$	24,853	0.49177888	\$	1,466	\$	721	\$	1,663	\$	818	\$	197	\$	97
342.00 Fuel Holders and Accessories		36,769	0.49177888		945		465		945		465		070		400
343.00 Prime Movers 344.00 Generators		3,783,291	0.49177888		72,261		35,536		72,639		35,722		378		186
345.00 Accessory Electric Equipment		67.608	0.49177888		4,111		2.022		4,097		2,015		(14)		(7)
346.00 Miscellaneous Power Plant Equipment		10,106	0.49177888		195		96		508		250		313		154
Total Jamestown Unit 2	\$	3,922,627	0.10171000	\$	78,978	\$	38,840	\$	79,852	-\$	39,270	\$	874	\$	430
Lake Preston					•				•						
341.00 Structures and Improvements	\$	229,834	0.49177888	\$	4,735	\$	2,329	\$	6,895	\$	3.391	\$	2,160	\$	1,062
342.00 Fuel Holders and Accessories	•	328,705	0.49177888	•	11,373	•	5,593	•	11,406	•	5,609	•	33	*	16
343.00 Prime Movers		3,172,066	0.49177888		58,366		28,703		58,683		28,859		317		156
344.00 Generators															
345.00 Accessory Electric Equipment		369,280	0.49177888		5,908		2,905		5,945		2,924		37		19
346.00 Miscellaneous Power Plant Equipment		21,607	0.49177888	_	348		171_		350		172		2		1
Total Lake Preston	\$	4,121,492		\$	80,730	\$	39,701	\$	83,279	\$	40,955	\$	2,549	\$	1,254
Ashtabula Wind Generation															
341.00 Structures and Improvements	\$	3,248,290	0.49244911	\$	138,702	\$	68,304	\$	138,702	\$	68,304	\$	-	\$	-
342.00 Fuel Holders and Accessories															
343.00 Prime Movers		400 700 E00	0.49244911		4 540 524		0.040.444		4,602,933		2.266.710		E2 200		26,296
344.00 Generators 345.00 Accessory Electric Equipment		106,796,583 6,372,808	0.49244911		4,549,534 272,119		2,240,414 134,005		274,031		134,946		53,399 1,912		20,290
346.00 Miscellaneous Power Plant Equipment		28,417	0.49244911		1,415		697		1,455		717		40		20
Total Ashtabula Wind Generation	-\$	116,446,098	0.43244311	\$	4,961,770	-\$	2,443,420	-\$	5,017,121	\$	2,470,677	\$	55.351	\$	27,257
angdon Wind Generation	•			,			. ,		, , , , ,	•		•	•		,
341.00 Structures and Improvements	\$	2,484,069	0.49244911	\$	107,063	\$	52.723	s	107,312	\$	52.846	\$	249	\$	123
342.00 Fuel Holders and Accessories	Ψ	2,404,000	0.40244011	Ψ	107,000	Ψ	02,720	Ψ	107,012	۳	02,040	Ψ	2-10	Ψ	.20
343.00 Prime Movers															
344.00 Generators		68,868,719	0.49244911		2,988,902		1,471,882		3,002,676		1,478,665		13,774		6,783
345.00 Accessory Electric Equipment		7,603,595	0.49244911		328,475		161,757		336,839		165,876		8,364		4,119
		20,010	0.49244911		1,035		510		1.067		525		32		15
346.00 Miscellaneous Power Plant Equipment Total Langdon Wind Generation		78,976,393	0. 102 1 10 1 1	\$	3,425,475	\$	1,686,872	\$	3,447,894	-\$	1,697,912		22,419	\$	11,040

Comparison of Current and Proposed Accruals
Current: VG Procedure / RL Technique
Proposed: VG Procedure / RL Technique

	12/31/13 Plant	Minnesota Allocation	Current An	nual	Accrual	Proposed A	nnua	ıl Accrual	Diffe	rence	1
Account Description	Investment	Factor	Total	Mir	nnesota	Total	Mir	nnesota	Total	Min	nesota
A	В	С	D		E=C*D	F		G=C*F	 H=F-D		I=G-E
Luverne Wind Generation											
341.00 Structures and Improvements 342.00 Fuel Holders and Accessories 343.00 Prime Movers	\$ 2,266,581	0.49244911	\$ 96,556	\$	47,549	\$ 96,783	\$	47,661	\$ 227	\$	112
344.00 Generators	65,309,439	0.49244911	2,795,244		1,376,515	2,814,837		1,386,164	19,593		9,649
345.00 Accessory Electric Equipment	4,886,910	0.49244911	208,182		102.519	208,671		102,760	489		241
346.00 Miscellaneous Power Plant Equipment	20,567	0.49244911	985		485	995		490	10		5
Total Luverne Wind Generation	\$ 72,483,497		\$ 3,100,967	\$	1,527,068	\$ 3,121,286	\$	1,537,075	\$ 20,319	\$	10,007
Solway Combustion Turbine											
341.00 Structures and Improvements	\$ 4,277,574	0.49177888	\$ 125,333	\$	61,636	\$ 125,761	\$	61,847	\$ 428	\$	211
342.00 Fuel Holders and Accessories	1,003,596	0.49177888	29,506		14,510	29,506		14,510			
343.00 Prime Movers 344.00 Generators	21,277,936	0.49177888	623,444		306,597	623,444		306,597			
345.00 Accessory Electric Equipment	1,253,141	0.49177888	36,592		17,995	36,466		17,933	(126)		(62)
346.00 Miscellaneous Power Plant Equipment	326 153	0.49177888	9,850		4,844	10,013		4,924	`163 [°]		80
Total Solway Combustion Turbine	\$ 28,138,400		\$ 824,725	\$	405,582	\$ 825,190	\$	405,811	\$ 465	\$	229
Fergus Falls Control Center											
341.00 Structures and Improvements 342.00 Fuel Holders and Accessories	\$ -		\$ •	\$	=	\$ -	\$	-	\$ -	\$	-
343.00 Prime Movers 344.00 Generators 345.00 Accessory Electric Equipment 346.00 Miscellaneous Power Plant Equipment	591,638	0.49177888	17,986		8,845	17,986		8,845			
Total Fergus Falls Control Center	\$ 591,638		\$ 17,986	\$	8,845	\$ 17,986	\$	8,845	\$ -	\$	-

Depreciation Reserve Summary Vintage Group Procedure December 31, 2013

STEAM PRODUCT 311.00 Structures 312.00 Boiler Plai 314.00 Turbogend 315.00 Accessory 316.00 Miscelland Total Steam F HYDRAULIC PROD 331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	es and Improvements		Investment									alance
311.00 Structures 312.00 Boiler Plai 314.00 Turbogene 315.00 Accessory 316.00 Miscellane Total Steam F HYDRAULIC PROI 331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscellane Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Moi 344.00 Generator 345.00 Accessory 346.00 Miscellane Total Other Pi TRANSMISSION P 353.00 Station Eq 354.00 Towers an 355.00 Poles and 356.00 Overhead 358.00 Undergrou	CTION es and Improvements				Amount	Ratio		Amount	Ratio		Amount	Multiple
311.00 Structures 312.00 Boiler Plai 314.00 Turbogene 315.00 Accessory 316.00 Miscellane Total Steam F HYDRAULIC PROI 331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscellane Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Moi 344.00 Generator 345.00 Accessory 346.00 Miscellane Total Other Pi TRANSMISSION P 353.00 Station Eq 354.00 Towers an 355.00 Poles and 356.00 Overhead 358.00 Undergrou	es and Improvements		В		С	D=C/B		E	F=E/B		G=C-E	H=G/C
312.00 Boiler Plai 314.00 Turbogene 315.00 Accessory 316.00 Miscellane Total Steam F HYDRAULIC PROI 331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscellane Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscellane Total Other Pi TRANSMISSION P 353.00 Station Eq 354.00 Towers an 355.00 Poles and 356.00 Overhead 358.00 Undergrou	•											
314.00 Turbogend 315.00 Accessory 316.00 Miscelland Total Steam F HYDRAULIC PROI 331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	•	\$	61,995,888	\$	47,105,320	75.98%	\$	35,755,138	57.67%	\$	11,350,183	24.10%
315.00 Accessory 316.00 Miscelland Total Steam F HYDRAULIC PROI 331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	ant Equipment		203,418,208		128,975,115	63.40%		101,166,828	49.73%		27,808,287	21.56%
316.00 Miscelland Total Steam F HYDRAULIC PROI 331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	nerator Units		63,168,000		38,159,750	60.41%		30,093,444	47.64%		8,066,306	21.14%
Total Steam F HYDRAULIC PROI 331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	ry Electric Equipment		23,976,144		16,355,245	68.21%		12,483,895	52.07%		3,871,349	23.67%
HYDRAULIC PROB 331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	neous Power Plant Equipment		5,420,910		3,058,681	56.42%		2,529,949	46.67%		528,731	17.29%
331.00 Structures 332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	Production Plant	\$	357,979,150	\$	233,654,111	65.27%	\$	182,029,254	50.85%	\$	51,624,857	22.09%
332.00 Reservoirs 333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holds 343.00 Prime Mos 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers an 355.00 Poles and 356.00 Overhead 358.00 Undergrou	DDUCTION											
333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	es and Improvements	\$	351,712	\$	195,041	55.45%	\$	207,585	59.02%	\$	(12,543)	-6.43%
333.00 Water Wh 334.00 Accessory 335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holdd 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	irs, Dams and Waterways		3,709,279		1,330,902	35.88%		1,567,592	42.26%	·	(236,691)	-17.78%
335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	/heels, Turbines & Generators		1,057,186		578,973	54.77%		589,700	55.78%		(10,727)	-1.85%
335.00 Miscelland Total Hydrauli OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscelland Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	ry Electric Equipment		592,400		355,876	60.07%		370,330	62.51%		(14,454)	-4.06%
OTHER PRODUCT 341.00 Structures 342.00 Fuel Holde 343.00 Prime Mov 344.00 Generator 345.00 Accessory 346.00 Miscellane Total Other Pr TRANSMISSION P 353.00 Station Eq 354.00 Towers an 355.00 Poles and 356.00 Overhead 358.00 Undergrou	neous Power Plant Equipment		442,624		77,895	17.60%		118,968	26.88%		(41,073)	-52.73%
 341.00 Structures 342.00 Fuel Holds 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscellane Total Other Prime Mod Total Other Prime Mod Total Other Prime Mod 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Underground 	ilic Production Plant	\$	6,153,201	\$	2,538,687	41.26%	\$	2,854,175	46.39%	\$	(315,488)	-12.43%
 342.00 Fuel Holds 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscellane Total Other Prime Mod 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergroup 	TION											
 343.00 Prime Mod 344.00 Generator 345.00 Accessory 346.00 Miscellane Total Other Prime Mod Total Other Prime Mod<	es and Improvements	\$	12,812,005	\$	3,290,652	25.68%	\$	3,346,974	26.12%	\$	(56,322)	-1.71%
344.00 Generator 345.00 Accessory 346.00 Miscellane Total Other Pi TRANSMISSION P 353.00 Station Eq 354.00 Towers an 355.00 Poles and 356.00 Overhead 358.00 Undergrou	ders and Accessories		1,748,265		715,272	40.91%		698,376	39.95%		16,897	2.36%
345.00 Accessory 346.00 Miscelland Total Other Pi TRANSWISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergroup	overs		31,687,156		14,963,458	47.22%		13,913,812	43.91%		1,049,645	7.01%
346.00 Miscelland Total Other Pi TRANSMISSION P 353.00 Station Eq 354.00 Towers an 355.00 Poles and 356.00 Overhead 358.00 Undergrou	ors		240,974,741		46,740,428	19.40%		52,405,153	21.75%		(5,664,725)	-12.12%
Total Other Pi TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	ry Electric Equipment		20,708,614		4,531,405	21.88%		4,877,197	23.55%		(345,793)	-7.63%
TRANSMISSION P 353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	neous Power Plant Equipment		492,263		145,882	29.64%		145,398	29.54%		484	0.33%
353.00 Station Eq 354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergroup	Production Plant	\$	308,423,044	\$	70,387,097	22.82%	\$	75,386,910	24.44%	\$	(4,999,813)	-7.10%
354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	PLANT											
354.00 Towers and 355.00 Poles and 356.00 Overhead 358.00 Undergrou	guipment	\$	78,145,172	\$	18,727,481	23.96%	\$	18,137,790	23.21%	\$	589,692	3.15%
356.00 Overhead 358.00 Undergrou	and Fixtures		12,357,116		2,515,011	20.35%		2,741,868	22.19%		(226,857)	-9.02%
358.00 Undergrou	d Fixtures		94,749,175		43,537,901	45.95%		37,120,238	39.18%		6,417,663	14.74%
	d Conductors and Devices		81,883,560		34,845,569	42.56%		28,571,267	34.89%		6,274,302	18.01%
Total Transmi	ound Conductors and Devices		77,461		69,283	89.44%		60,595	78.23%		8,688	12.54%
i Utai Transiiii	nission Plant	\$	267,212,484	\$	99,695,245	37.31%	\$	86,631,758	32.42%	\$	13,063,487	13.10%
DISTRIBUTION PL	LANT											
362.00 Station Eq		\$	71,102,531	\$	19,464,909	27.38%	\$	15,258,911	21.46%	\$	4,205,998	21.61%
	owers and Fixtures	•	66,399,850	•	36,372,123	54.78%	•	32,980,790	49.67%		3,391,333	9.32%
,	d Conductors and Devices		47,102,109		36,262,658	76.99%		30,886,146	65.57%		5,376,512	14.83%
	ound Conductors and Devices		65,847,397		31,353,061	47.61%		26,500,904	40.25%		4,852,157	15.48%

Depreciation Reserve Summary Vintage Group Procedure December 31, 2013

		 Plant	Recorded R	Reserve	Computed Re	eserve		Reserve Imb	alance
	Account Description	Investment	Amount	Ratio	Amount	Ratio	**********	Amount	Multiple
	A	 В	 С	D=C/B	E	F=E/B		G=C-E	H=G/C
368.00 L	ine Transformers	80,132,409	11,876,411	14.82%	11,073,604	13.82%		802,806	6.76%
369.00 C	Overhead Services	12,293,487	13,830,225	112.50%	12,048,259	98.01%		1,781,966	12.88%
369.10 L	Inderground Services	36,340,210	14,724,653	40.52%	14,095,918	38.79%		628,735	4.27%
370.00 N	Meters	22,997,266	7,911,103	34.40%	7,089,046	30.83%		822,058	10.39%
	∟oad Management Switches	8,715,047	4,850,031	55.65%	6,136,031	70.41%		(1,286,000)	-26.52%
370.20 li	nterruption Monitors	645,863	637,499	98.70%	615,190	95.25%		22,309	3.50%
371.20 C	Other Private Lighting	4,276,194	1,070,551	25.04%	1,015,520	23.75%		55,032	5.14%
	Street Lighting and Signal Systems	 4,843,334	 2,623,357	54.16%_	1,678,774	34.66%_		944,583	36.01%
Total	Distribution Plant	\$ 420,695,697	\$ 180,976,581	43.02%	\$ 159,379,092	37.88%	\$	21,597,489	11.93%
GENERAI	L PLANT								
Depre	eciable								
390.00 S	Structures and Improvements	\$ 19,669,126	\$ 4,790,670	24.36%	\$ 6,336,985	32.22%	\$	(1,546,315)	-32.28%
390.10	General Office Buildings	5,502,085	2,462,822	44.76%	1,147,707	20.86%		1,315,115	53.40%
390.20 F	leet Service Center Building	815,591	501,506	61.49%	326,700	40.06%		174,806	34.86%
390.30 C	Central Stores Building	3,974,861	2,061,336	51.86%	116,635	2.93%		1,944,700	94.34%
396.00 F	Power Operated Equipment	573,119	195,121	34.05%	165,463	28.87%		29,657	15.20%
397.40 C	Communication Towers	1,878,966	777,995	41.41%	651,425	34.67%		126,569	16.27%
Total	Depreciable	\$ 32,413,748	\$ 10,789,449	33.29%	\$ 8,744,916	26.98%	\$	2,044,533	18.95%
Amor	rtizable								
391.00 C	Office Furniture	\$ 1,442,327	\$ 884,598	61.33%	\$ 890,155	61.72%	\$	(5,557)	-0.63%
391.10 C	Office Equipment	1,005,443	602,417	59.92%	615,777	61.24%		(13,360)	-2.22%
391.20 E	Duplicating Equipment	681,709	530,526	77.82%	533,885	78.32%		(3,359)	-0.63%
391.50 C	Computer Systems	3,429,426	1,536,170	44.79%	1,977,533	57.66%		(441,363)	-28.73%
391.60 C	Computer Related Equipment	1,410,318	659,850	46.79%	793,924	56.29%		(134,074)	-20.32%
394.00 T	ools, Shop and Garage Equipment	3,597,109	1,367,722	38.02%	1,379,133	38.34%		(11,411)	-0.83%
394.20 A	Automated Meter Reading Equipment	589,444	260,358	44.17%	255,426	43.33%		4,932	1.89%
397.00 C	Communication Equipment	908,134	268,204	29.53%	284,237	31.30%		(16,033)	-5.98%
397.10 F	Radio Telecommunication Equipment	1,473,619	595,616	40.42%	635,243	43.11%		(39,627)	-6.65%
397.20 M	/licrowave Equipment	4,017,927	1,875,016	46.67%	1,923,606	47.88%		(48,590)	-2.59%
397.30 R	Radio Load Control Equipment	403,080	148,211	36.77%	163,499	40.56%		(15,288)	-10.32%
	Amortizable	\$ 18,958,536	\$ 8,728,689	46.04%	\$ 9,452,418	49.86%	\$	(723,729)	-8.29%
Total	General Plant	\$ 51,372,284	\$ 19,518,138	37.99%	\$ 18,197,334	35.42%	\$	1,320,804	6.77%
TOTA	AL UTILITY	\$ 1,411,835,860	\$ 606,769,859	42.98%	\$ 524,478,523	37.15%	\$	82,291,336	13.56%

Depreciation Reserve Summary Vintage Group Procedure December 31, 2013

		Plant		Recorded R	eserve		Computed Ro	eserve		Reserve Imb	alance
Account Description		Investment		Amount	Ratio		Amount	Ratio		Amount	Multiple
A		8		С	D=C/B	•	E	F=E/B		G=C-E	H=G/C
STEAM PRODUCTION											
Big Stone											
311.00 Structures and Improvements	\$	22,787,501	\$	18,656,667	81.87%	\$	12,248,609	53.75%	\$	6,408,058	34.35%
312.00 Boiler Plant Equipment		77,634,702		45,696,011	58.86%		30,412,515	39.17%		15,283,496	33.45%
314.00 Turbogenerator Units		28,565,516		16,882,415	59.10%		10,627,070	37.20%		6,255,345	37.05%
315.00 Accessory Electric Equipment		9,309,776		6,551,974	70.38%		4,381,658	47.07%		2,170,315	33.12%
316.00 Miscellaneous Power Plant Equipment		2,456,874		1,442,910	58.73%		1,035,786	42.16%		407,124	28.22%
Total Big Stone	\$	140,754,369	-\$	89,229,977	63.39%	\$	58,705,639	41.71%	\$	30,524,338	34.21%
Hoot Lake Units 2 and 3											
311.00 Structures and Improvements	\$	6.116.976	\$	5,634,771	92.12%	\$	5,663,770	92.59%	\$	(28,999)	-0.51%
312.00 Boiler Plant Equipment	•	35,292,424	•	24,825,706	70.34%	*	25,289,557	71.66%	*	(463,851)	-1.87%
314.00 Turbogenerator Units		10,712,723		9,592,438	89.54%		9,614,976	89.75%		(22,538)	-0.23%
315.00 Accessory Electric Equipment		2,766,673		2,304,868	83.31%		2,305,948	83.35%		(1,081)	-0.05%
316.00 Miscellaneous Power Plant Equipment		1,061,526		701,839	66.12%		739,540	69.67%		(37,701)	-5.37%
Total Hoot Lake Units 2 and 3	\$	55,950,322	\$	43,059,621	76.96%	\$	43,613,791	77.95%	\$	(554,170)	-1.29%
Coyote											
311.00 Structures and Improvements	\$	33,091,411	\$	22,813,882	68.94%	\$	17,842,758	53.92%	\$	4,971,124	21.79%
312.00 Boiler Plant Equipment	•	90,491,082	_	58,453,398	64.60%	•	45,464,755	50.24%	•	12,988,643	22.22%
314.00 Turbogenerator Units		23,889,761		11,684,897	48.91%		9,851,398	41.24%		1,833,499	15.69%
315.00 Accessory Electric Equipment		11.899.695		7,498,403	63.01%		5,796,289	48.71%		1,702,115	22.70%
316.00 Miscellaneous Power Plant Equipment		1,902,510		913,931	48.04%		754,623	39.66%		159,308	17.43%
Total Coyote	\$	161,274,459	\$	101,364,513	62.85%	\$	79,709,824	49.42%	\$	21,654,689	21.36%
HYDRAULIC PRODUCTION			·	, ,		·	, ,		•	• •	
Hoot Lake											
331.00 Structures and Improvements	\$	69,354	\$	67.972	98.01%	\$	60,903	87.81%	\$	7,069	10.40%
332.00 Structures and improvements 332.00 Reservoirs, Dams and Waterways	Ф	297,674	Φ	244.687	96.01% 82.20%	Ф	223,406	75.05%	Ф	7,069 21,281	8.70%
The state of the s		,		•	82.20% 87.90%		•	75.05% 79.35%		•	
333.00 Water Wheels, Turbines & Generators		104,195		91,588			82,677			8,911	9.73%
334.00 Accessory Electric Equipment		34,651		28,882	83.35%		26,226	75.69%		2,656	9.20%
335.00 Miscellaneous Power Plant Equipment	_	48,801	<u> </u>	2,683	5.50%	-	8,060	16.52%	<u> </u>	(5,377)	7 020/
Total Hoot Lake	\$	554,675	\$	435,813	78.57%	\$	401,273	72.34%	\$	34,540	7.93%

Depreciation Reserve Summary Vintage Group Procedure December 31, 2013

-		Plant		Recorded Re	eserve		Computed Re	eserve		Reserve Imb	alance
Account Description	I.	nvestment		Amount	Ratio		Amount	Ratio		Amount	Multiple
Α		В		С	D=C/B		E	F=E/B		G=C-E	H=G/C
<u>Wright</u>											
331.00 Structures and Improvements	\$	19,026	\$	14,246	74.88%	\$	14,402	75.70%	\$	(156)	-1.09%
332.00 Reservoirs, Dams and Waterways		382,677		228,664	59.75%		234,160	61.19%		(5,496)	-2.40%
333.00 Water Wheels, Turbines & Generators		228,711		134,929	59.00%		138,032	60.35%		(3,104)	-2.30%
334.00 Accessory Electric Equipment		200,524		113,910	56.81%		116,444	58.07%		(2,534)	-2.22%
335.00 Miscellaneous Power Plant Equipment		115,218		36,463	31.65%		44,499	38.62%		(8,036)	-22.04%
Total Wright	\$	946,156	\$	528,212	55.83%	\$	547,537	57.87%	\$	(19,325)	-3.66%
Pisgah											
331.00 Structures and Improvements	\$	12,118	\$	9,690	79.96%	\$ -	9.785	80.75%	\$ -	(95)	-0.98%
332.00 Reservoirs, Dams and Waterways	•	341,275		136,585	40.02%	•	151,621	44.43%	•	(15,036)	-11.01%
333.00 Water Wheels, Turbines & Generators		159,732		70,531	44.16%		73,514	46.02%		(2,983)	-4.23%
334.00 Accessory Electric Equipment		99,812		52,054	52.15%		58,234	58.34%		(6,180)	-11.87%
335.00 Miscellaneous Power Plant Equipment		62,744		472	0.75%		10,049	16.02%		(9,577)	-2029.08%
Total Pisgah	\$	675,681	\$	269,332	39.86%	\$	303,203	44.87%	\$	(33,871)	-12.58%
Dayton Hollow											
331.00 Structures and Improvements	\$	16,269	\$	1,987	12.22%	\$	4,084	25.10%	\$	(2,096)	-105.48%
332.00 Reservoirs, Dams and Waterways	•	1,282,054	•	183,592	14.32%	•	299,191	23.34%	•	(115,600)	-62.97%
333.00 Water Wheels, Turbines & Generators		226,751		101,994	44.98%		95,356	42.05%		6,638	6.51%
334.00 Accessory Electric Equipment		193,342		119,228	61.67%		125,808	65.07%		(6,580)	-5.52%
335.00 Miscellaneous Power Plant Equipment		111,159		9,475	8.52%		18,383	16.54%		(8,908)	-94.02%
Total Dayton Hollow	\$	1,829,575	\$	416,276	22.75%	\$	542,822	29.67%	\$	(126,546)	-30.40%
Taplin Gorge											
331.00 Structures and Improvements	\$	35,140	\$	32,458	92.37%	\$	31,613	89.96%	\$	844	2.60%
332.00 Reservoirs, Dams and Waterways	*	602,762	•	288,769	47.91%	*	314,109	52.11%	*	(25,340)	-8.78%
333.00 Water Wheels, Turbines & Generators		15,110		14,111	93.39%		13.736	90.91%		375	2.66%
334.00 Accessory Electric Equipment		58,695		39,031	66.50%		38,885	66.25%		146	0.37%
335.00 Miscellaneous Power Plant Equipment		103,632		28,601	27.60%		37,614	36.30%		(9,013)	-31.51%
Total Taplin Gorge	\$	815,339	\$	402,970	49.42%	\$	435,958	53.47%	\$	(32,988)	-8.19%

Depreciation Reserve Summary Vintage Group Procedure December 31, 2013

A CONTRACTOR OF THE CONTRACTOR		Plant		Recorded Re	eserve		Computed Re	eserve		Reserve Imb	alance
Account Description	- 1	nvestment		Amount	Ratio		Amount	Ratio		Amount	Multiple
A		В		С	D=C/B		E	F=E/B		G=C-E	H=G/C
<u>Bemidji</u>											
331.00 Structures and Improvements	\$	199,805	\$	68,689	34.38%	\$	86,798	43.44%	\$	(18,110)	-26.37%
332.00 Reservoirs, Dams and Waterways		802,837		248,605	30.97%		345,105	42.99%		(96,500)	-38.82%
333.00 Water Wheels, Turbines & Generators		322,687		165,819	51.39%		186,384	57.76%		(20,565)	-12.40%
334.00 Accessory Electric Equipment		5,376		2,770	51.52%		4,732	88.02%		(1,962)	-70.85%
335.00 Miscellaneous Power Plant Equipment		1,070		201	18.82%		362	33.85%		(161)	-79.87%
Total Bemidji	\$	1,331,775	\$	486,084	36.50%	\$	623,381	46.81%	\$	(137,298)	-28.25%
OTHER PRODUCTION											
Jamestown											
341.00 Structures and Improvements	\$	305.657	\$	196,725	64.36%	\$	186,414	60.99%	\$	10,311	5.24%
342.00 Fuel Holders and Accessories	,	415.964		178,011	42.79%		182,036	43.76%		(4,025)	-2.26%
343.00 Prime Movers		6,645,516		5,376,210	80.90%		4,927,028	74.14%		449,182	8.35%
344.00 Generators							, ,				
345.00 Accessory Electric Equipment		222,880		135,627	60.85%		156,380	70.16%		(20,753)	-15.30%
346.00 Miscellaneous Power Plant Equipment		75,509		34,131	45.20%		38,070	50.42%		(3,939)	-11.54%
Total Jamestown	\$	7,665,526	\$	5,920,705	77.24%	\$	5,489,928	71.62%	\$	430,777	7.28%
Jamestown Unit 1											
341.00 Structures and Improvements	\$	280.804	\$	187,134	66.64%	\$	175,149	62.37%	\$	11,985	6.40%
342.00 Fuel Holders and Accessories		379,195	•	149,598	39.45%		157,799	41.61%		(8,202)	-5.48%
343.00 Prime Movers		2,862,225		2,222,459	77.65%		2,047,604	71.54%		174,855	7.87%
344.00 Generators		, ,								·	
345.00 Accessory Electric Equipment		155.272		105,568	67.99%		125,949	81.12%		(20,381)	-19.31%
346.00 Miscellaneous Power Plant Equipment		65,403		28,656	43.82%		30,367	46.43%		(1,710)	-5.97%
Total Jamestown Unit 1	\$	3,742,899	\$	2,693,415	71.96%	\$	2,536,869	67.78%	\$	156,546	5.81%
Jamestown Unit 2											
341.00 Structures and Improvements	\$	24,853	\$	9,591	38.59%	\$	11,265	45.33%	\$	(1,674)	-17.45%
342.00 Fuel Holders and Accessories	Ψ	36,769	Ψ	28,413	77.28%	Ψ	24,236	65.92%	Ψ	4,177	14.70%
343.00 Prime Movers		3,783,291		3,153,751	83.36%		2,879,423	76.11%		274,327	8.70%
344.00 Generators		5,,,00,201		-,,	00.0070		_,0.0,0			1	2 370
345.00 Accessory Electric Equipment		67,608		30,059	44.46%		30,431	45.01%		(372)	-1.24%
346.00 Miscellaneous Power Plant Equipment		10,106		5,475	54.18%		7.704	76.23%		(2,229)	-40.70%
0-10.00 Milocellaticous i ower i lant Equipment	-\$	3,922,627	\$	3,227,290	82.27%		2.953,059	75.28%	\$	274,230	8.50%

Depreciation Reserve Summary Vintage Group Procedure December 31, 2013

1		Plant		Recorded Re	eserve		Computed Re	eserve		Reserve Imb	alance
Account Description		Investment		Amount	Ratio		Amount	Ratio	-	Amount	Multiple
A		В		С	D=C/B		E	F=E/B		G=C-E	H=G/C
Lake Preston											
341.00 Structures and Improvements	\$	229,834	\$	170,662	74.25%	\$	159,436	69.37%	\$	11,226	6.58%
342.00 Fuel Holders and Accessories		328,705		229,717	69.89%		224,187	68.20%		5,530	2.41%
343.00 Prime Movers		3,172,066		2,697,084	85.03%		2,467,401	77.79%		229,683	8.52%
344.00 Generators											
345.00 Accessory Electric Equipment		369,280		322,502	87.33%		293,429	79.46%		29,074	9.02%
346.00 Miscellaneous Power Plant Equipment		21,607		18,843	87.21%		17,344	80.27%		1,499	7.95%
Total Lake Preston	\$	4,121,492	\$	3,438,808	83.44%	\$	3,161,797	76.71%	\$	277,011	8.06%
Ashtabula Wind Generation											
341.00 Structures and Improvements	\$	3.248.290	\$	646,663	19.91%	\$	710.029	21.86%	\$	(63,365)	-9.80%
342.00 Fuel Holders and Accessories		, ,	•	,		•			•	. (,,	
343.00 Prime Movers											
344.00 Generators		106,796,583		20,619,531	19.31%		23,098,966	21.63%		(2,479,436)	-12.02%
345.00 Accessory Electric Equipment		6,372,808		1,241,130	19.48%		1,369,972	21.50%		(128,842)	-10.38%
346.00 Miscellaneous Power Plant Equipment		28,417		1,106	3.89%		2,011	7.08%		(905)	
Total Ashtabula Wind Generation	\$	116,446,098	\$	22,508,429	19.33%	\$	25,180,977	21.62%	\$	(2,672,548)	-11.87%
Langdon Wind Generation											
341.00 Structures and Improvements	\$	2,484,069	\$	584,278	23.52%	\$	644,097	25.93%	\$	(59,819)	-10.24%
342.00 Fuel Holders and Accessories	•	_,,		,		•	,		•	(,,	
343.00 Prime Movers											
344.00 Generators		68,868,719		15,681,320	22.77%		17,684,940	25.68%		(2,003,620)	-12.78%
345.00 Accessory Electric Equipment		7,603,595		1,627,302	21.40%		1,813,419	23.85%		(186,116)	-11.44%
346.00 Miscellaneous Power Plant Equipment		20,010		1,024	5.12%		1,489	7.44%		(466)	
Total Langdon Wind Generation	-\$	78,976,393	\$	17,893,925	22.66%	\$	20,143,946	25.51%	\$	(2,250,022)	-12.57%
Luverne Wind Generation											
341.00 Structures and Improvements	\$	2,266,581	\$	379,361	16.74%	\$	407,255	17.97%	\$	(27,895)	-7.35%
342.00 Fuel Holders and Accessories	Ψ	2,200,001	Ψ	0,00,001	10.7-70	Ψ	407,200	17.0770	Ψ	(27,000)	7.0070
343.00 Prime Movers											
344.00 Generators		65,309,439		10,439,577	15.98%		11.621.246	17.79%		(1,181,669)	-11.32%
345.00 Accessory Electric Equipment		4,886,910		813.099	16.64%		874,680	17.90%		(61,581)	-7.57%
346.00 Miscellaneous Power Plant Equipment		20,567		1.082	5.26%		1.402	6.82%		(320)	
		-0,007		1,002	U U/V		.,	J.J.		(0=0/	

Depreciation Reserve Summary Vintage Group Procedure December 31, 2013

	Plant	Recorded Re	eserve	Computed Re	eserve	Reserve Imb	alance
Account Description	Investment	Amount	Ratio	 Amount	Ratio	Amount	Multiple
A	В	С	D=C/B	 E	F=E/B	G=C-E	H=G/C
Solway Combustion Turbine							
341.00 Structures and Improvements	\$ 4,277,574	\$ 1,312,962	30.69%	\$ 1,239,742	28.98%	\$ 73,220	5.58%
342.00 Fuel Holders and Accessories	1,003,596	307,545	30.64%	292,153	29.11%	15,392	5.00%
343.00 Prime Movers	21,277,936	6,588,883	30.97%	6,207,738	29.17%	381,145	5.78%
344.00 Generators							
345.00 Accessory Electric Equipment	1,253,141	391,744	31.26%	369,318	29.47%	22,426	5.72%
346.00 Miscellaneous Power Plant Equipment	326,153	89,697	27.50%	85,082	26.09%	4,615	5.15%
Total Solway Combustion Turbine	\$ 28,138,400	\$ 8,690,831	30.89%	\$ 8,194,033	29.12%	\$ 496,799	5.72%
Fergus Falls Control Center							
341.00 Structures and Improvements	\$ -	\$ -		\$ _		\$ -	
342.00 Fuel Holders and Accessories							
343.00 Prime Movers	591,638	301,281	50.92%	311,646	52.68%	(10,365)	-3.44%
344.00 Generators							
345.00 Accessory Electric Equipment							
346.00 Miscellaneous Power Plant Equipment							
Total Fergus Falls Control Center	\$ 591,638	\$ 301,281	50.92%	\$ 311,646	52.68%	\$ (10,365)	-3.44%

Average Net Salvage

			Pla	int Investment			Salvag	e Rate			Net Salvage			Average
Account Description		Additions		Retirements		Survivors	Realized	Future	Realized		Future		Total	Rate
A		В		С		D=B-C	E	F	G=E*C		H=F*D		I=G+H	J=I/B
STEAM PRODUCTION														
311.00 Structures and Improvements	\$	63,332,273	\$	1,336,385	\$	61,995,888	-35.8%	-10.3%	\$ (478,278)	\$	(6,397,280)	\$	(6,875,558)	-10.9%
312.00 Boiler Plant Equipment		239,870,776		36,452,568		203,418,208	-19.0%	-10.8%	(6,922,315)		(21,919,360)		(28,841,674)	-12.0%
314.00 Turbogenerator Units		77,924,089		14,756,089		63,168,000	21.3%	-11.0%	3,135,787		(6,935,744)		(3,799,957)	-4.9%
315.00 Accessory Electric Equipment		25,391,997		1,415,853		23,976,144	-15.2%	-10.5%	(214,935)		(2,512,028)		(2,726,963)	-10.7%
316.00 Miscellaneous Power Plant Equipment		7,817,359		2,396,449		5,420,910	7.7%	-10.8%	183,734		(587,667)		(403,933)	-5.2%
Total Steam Production Plant	\$	414,336,494	\$	56,357,344	\$	357,979,150	-7.6%	-10.7%	\$ (4,296,006)	\$	(38,352,079)	\$	(42,648,086)	-10.3%
HYDRAULIC PRODUCTION														
331.00 Structures and Improvements	\$	363,124	\$	11,412	\$	351,712	-2.1%		\$ (240)	\$	_	\$	(240)	-0.1%
332.00 Reservoirs, Dams and Waterways		3,792,740		83,461		3,709,279	-213.6%		(178,279)				(178,279)	-4.7%
333.00 Water Wheels, Turbines & Generators		1,074,180		16,994		1,057,186	-501.5%		(85,217)				(85,217)	-7.9%
334.00 Accessory Electric Equipment		609,547		17,147		592,400	-8.5%		(1,463)				(1,463)	-0.2%
335.00 Miscellaneous Power Plant Equipment		512,735		70,111		442,624	-3.4%		(2,367)				. (2,367)	-0.5%
Total Hydraulic Production Plant	\$	6,352,326	\$	199,125	\$	6,153,201	-134.4%		\$ (267,566)	\$		\$	(267,566)	-4.2%
OTHER PRODUCTION														
341.00 Structures and Improvements	\$	12,825,133	\$	13,128	\$	12.812.005	-6.7%	-1,2%	\$ (876)	\$	(148,478)	\$	(149,353)	-1,2%
342.00 Fuel Holders and Accessories	•	1,970,922	•	222,657	•	1,748,265	-11.1%	-1.0%	(24,683)	•	(17,727)	•	(42,410)	-2.2%
343.00 Prime Movers		32,135,619		448,463		31,687,156	-22,0%	-0.8%	(98,442)		(254,279)		(352,720)	-1.1%
344.00 Generators		242,480,366		1,505,625		240,974,741	-1.0%	-1.5%	(14,906)		(3,620,779)		(3,635,685)	-1.5%
345.00 Accessory Electric Equipment		20,732,378		23,764		20,708,614	34.6%	-1.5%	8,216		(305,261)		(297,046)	-1.4%
346,00 Miscellaneous Power Plant Equipment		529,952		37,689		492,263	6.9%	-0.8%	2,599		(3,933)		(1,334)	-0.3%
Total Other Production Plant	\$	310,674,370	\$	2,251,326	\$	308,423,044	-5.7%	-1.4%	\$ (128,092)	\$	(4,350,456)	\$	(4,478,547)	-1.4%
TRANSMISSION PLANT														
353.00 Station Equipment	\$	85,653,352	\$	7,508,180	\$	78,145,172	44.8%	-5.0%	\$ 3,363,665	\$	(3,907,259)	\$	(543,594)	-0.6%
354.00 Towers and Fixtures		12,357,116	•		•	12,357,116		-10.0%			(1,235,712)	ŕ	(1,235,712)	-10.0%
355.00 Poles and Fixtures		99,546,407		4,797,232		94,749,175	58.0%	-50.0%	2,782,395		(47,374,588)		(44,592,193)	-44.8%
356.00 Overhead Conductors and Devices		86,833,219		4,949,659		81,883,560	52.8%	-30.0%	2,613,420		(24,565,068)		(21,951,648)	-25.3%
358.00 Underground Conductors and Devices		77,956		495		77,461	-368.9%	-5.0%	(1,826)		(3,873)		(5,699)	-7.3%
Total Transmission Plant	\$	284,468,050	-\$	17,255,566	\$	267,212,484	50.8%	-28.8%	\$ 8,757,653	\$	(77,086,499)	\$	(68,328,846)	-24.0%
DISTRIBUTION PLANT														
362.00 Station Equipment	\$	88,052,982	\$	16,950,451	\$	71,102,531	16.8%	5.0%	\$ 2,847,676	\$	3,555,127	\$	6,402,802	7.3%
364.00 Poles, Towers and Fixtures	•	69,314,481	•	2,914,631	-	66,399,850	-107.8%	-75.0%	(3,141,972)	•	(49,799,888)		(52,941,860)	-76.4%
365.00 Overhead Conductors and Devices		50,516,221		3,414,112		47,102,109	-80.7%	-100.0%	(2,755,188)		(47,102,109)		(49,857,297)	-98.7%
367.00 Underground Conductors and Devices		69,936,263		4,088,866		65,847,397	-3.3%	-5.0%	(134,933)		(3,292,370)		(3,427,302)	-4.9%
368,00 Line Transformers		90,880,023		10,747,614		80,132,409	37.4%	50.0%	4,019,608		40,066,205		44,085,812	48.5%
369.00 Overhead Services		12,995,904		702,417		12,293,487	-231.4%	-150.0%	(1,625,393)		(18,440,231)		(20,065,623)	-154.4%
369.10 Underground Services		36,766,394		426,184		36,340,210	-32.4%	-20.0%	(138,084)		(7,268,042)		(7,406,126)	-20.1%
370,00 Meters		27,826,380		4,829,114		22,997,266	0.8%		38,633				38,633	0.1%
370.10 Load Management Switches		10,873,289		2,158,242		8,715,047			•				•	
370.20 Interruption Monitors		1,277,033		631,170		645,863			-					
371.20 Other Private Lighting		6,932,815		2,656,621		4,276,194	9.0%	10.0%	239,096		427,619		666,715	9.6%
373.00 Street Lighting and Signal Systems		8,261,779		3,418,445		4,843,334	-2.2%	-5.0%	(75,206)		(242,167)		(317,372)	-3.8%
Total Distribution Plant	\$	473,633,564	\$	52,937,867	\$	420,695,697	-1.4%	-19.5%	\$ (725,763)	\$	(82,095,855)	\$	(82,821,618)	-17.5%

Average Net Salvage

				nt Investment			Salvage	Rate			Net Salvage			Average
Account Description		Additions	F	Retirements		Survivors	Realized	Future	Realized		Future		Total	Rate
A		В		С		D=B-C	E	F	G=E*C		H=F*D		I=G+H	J=I/B
GENERAL PLANT														
Depreciable														
390.00 Structures and Improvements	\$	23,445,202	\$	3,776,076	\$	19,669,126	32.0%	10.0%	\$ 1,208,344	\$	1,966,913	\$	3,175,257	13.5%
390.10 General Office Buildings		6,703,410		1,201,325		5,502,085	-13.4%	51.5%	(160,978)		2,835,135		2,674,157	39.9%
390.20 Fleet Service Center Building		897,900		82,309		815,591	-55.9%	38.6%	(46,011)		314,632		268,621	29.9%
390.30 Central Stores Building		4,048,201		73,340		3,974,861	-2.6%	93.8%	(1,907)		3,728,557		3,726,650	92.1%
396.00 Power Operated Equipment		1,076,396		503,277		573,119	24.3%	20.0%	122,296		114,624		236,920	22.0%
397.40 Communication Towers		1,986,399		107,433		1,878,966	13.5%	5.0%	14,503		93,948		108,452	5.5%
Total Depreciable	\$	38,157,508	\$	5,743,760	\$	32,413,748	19.8%	27.9%	\$ 1,136,249	\$	9,053,808	\$	10,190,057	26.7%
Amortizable														
391.00 Office Furniture	\$	5,985,699	\$	4,543,372	\$	1,442,327			\$ -	\$	_	\$	-	
391.10 Office Equipment		2.934.052		1,928,609		1,005,443				•		•		
391.20 Duplicating Equipment		2,104,843		1,423,134		681,709								
391,50 Computer Systems		12,444,140		9,014,714		3,429,426	•			•				
391.60 Computer Related Equipment		10,482,824		9,072,506		1,410,318								
394.00 Tools, Shop and Garage Equipment		6,770,157		3,173,048		3,597,109								
394.20 Automated Meter Reading Equipment		2,069,298		1,479,854		589,444								
397.00 Communication Equipment		2,153,764		1,245,630		908,134								
397.10 Radio Telecommunication Equipment		6,541,813		5,068,194		1,473,619								
397.20 Microwave Equipment		6,693,651		2,675,724		4,017,927								
397.30 Radio Load Control Equipment		1,771,492		1,368,412		403,080								
Total Amortizable	\$	59,951,733	\$	40,993,197	\$	18,958,536			\$ -	\$	_	\$		
Total General Plant	\$	98,109,241	\$	46,736,957	\$	51,372,284	2.4%	17.6%	\$ 1,136,249	\$	9,053,808	\$	10,190,057	10.4%
TOTAL UTILITY	\$ 1	1,587,574,045	\$	175,738,185	\$	1,411,835,860	5.1%	-13.7%	\$ 9,037,680	\$ (192,831,081)	\$ ((188,354,605)	-11.9%
STEAM PRODUCTION														
Big Stone														
311.00 Structures and Improvements	\$	23,235,425	\$	447,924	\$	22,787,501	-12.2%	-11.8%	\$ (54,647)	\$	(2,688,925)	\$	(2,743,572)	-11.8%
312.00 Boiler Plant Equipment	Ψ	96,949,595	Ψ	19,314,893	Ψ	77,634,702	-22.5%	-11.8%	(4,345,851)	Ψ	(9,160,895)	Ψ	(13,506,746)	-13.9%
314.00 Turbogenerator Units		34,094,397		5,528,881		28,565,516	18.6%	-11.8%	1,028,372		(3,370,731)		(2,342,359)	-6.9%
315.00 Accessory Electric Equipment		9,841,134		531,358		9,309,776	-24.9%	-11.8%	(132,308)		(1,098,554)		(1,230,862)	-12.5%
316.00 Miscellaneous Power Plant Equipment		3,616,854		1,159,980		2,456,874	2.6%	-11.4%	30,159		(280,084)		(249,924)	-6.9%
Total Big Stone	\$	167,737,405	\$	26,983,036	\$	140,754,369	-12.9%	-11.8%	\$ (3,474,274)	\$	(16,599,188)	\$	(20,073,462)	-12.0%
Hoot Lake Units 2 and 3	*	,,			•				+ (-1	•	(,,	7	(==;=:=;	.2.0.0
311.00 Structures and Improvements	\$	6,349,602	\$	232,626	\$	6,116,976	-137.0%	-14.1%	\$ (318,698)	\$	(862,494)	\$	(1,181,191)	-18.6%
312.00 Structures and improvements 312.00 Boiler Plant Equipment	φ	41,109,210	Ф	5,816,786	φ	35,292,424	-33.2%	-14.1% -14.1%	(1,931,173)	φ	(4,976,232)	Φ	(6,907,405)	-16.8%
314.00 Turbogenerator Units		12,032,102		1,319,379		10,712,723	-1.5%	-14.1%	(19.791)		(1,510,494)		(1,530,285)	-12.7%
315.00 Accessory Electric Equipment		2,802,942		36,269		2,766,673	-148,3%	-14.1%	(53,787)		(390,101)		(443,888)	-15.8%
316.00 Miscellaneous Power Plant Equipment		1,199,797		138,271		1,061,526	51.5%	-14.1%	71,210		(149,675)		(78,466)	-6.5%
Total Hoot Lake Units 2 and 3	\$	63,493,653	\$	7,543,331	\$	55,950,322	-29.9%	-14.1%	\$ (2,252,239)	\$	(7,888,995)	\$	(10,141,234)	-16.0%
TOTAL HOUL LAKE OHIG & BING 5	Ψ	55,755,055	Ψ	1,040,001	Ψ	55,555,522	-20.070	17.170	Ψ (E,202,200)	Ψ	(,,000,000)	Ψ	(10,171,207)	-10.0

OTTER TAIL POWER COMPANY Average Net Salvage

	 	Pla	nt investment		Salvage	e Rate			Net Salvage		Average
Account Description	Additions	F	Retirements	Survivors	Realized	Future	Realized		Future	Total	Rate
A	В		С	D=B-C	Е	F	G=E*C		H=F*D	l=G+H	J=1/B
Coyote											
311.00 Structures and Improvements	\$ 33,747,246	\$	655,835	\$ 33,091,411	-16.0%	-8.6%	\$ (104,934)	\$	(2,845,861)	\$ (2,950,795)	-8.7%
312.00 Boiler Plant Equipment	101,811,971		11,320,889	90,491,082	-5.7%	-8.6%	(645,291)		(7,782,233)	(8,427,524)	-8.3%
314.00 Turbogenerator Units	31,797,590		7,907,829	23,889,761	26.9%	-8.6%	2,127,206		(2,054,519)	72,687	0.2%
315.00 Accessory Electric Equipment	12,747,921		848,226	11,899,695	-3.4%	-8.6%	(28,840)		(1,023,374)	(1,052,213)	-8.3%
316.00 Miscellaneous Power Plant Equipment	 3,000,708		1,098,198	 1,902,510	7.5%	-8.3%	 82,365		(157,908)	 (75,543)	-2.5%
Total Coyote	\$ 183,105,436	\$	21,830,977	\$ 161,274,459	6.6%	-8.6%	\$ 1,430,507	\$	(13,863,896)	\$ (12,433,389)	-6.8%
HYDRAULIC PRODUCTION Hoot Lake											
331.00 Structures and Improvements	\$ 69,354	\$	-	\$ 69,354			\$ -	\$	-	\$ -	
332.00 Reservoirs, Dams and Waterways	305,758		8,084	297,674	-2.5%		(202)			(202)	-0.1%
333,00 Water Wheels, Turbines & Generators	104,195			104,195							
334.00 Accessory Electric Equipment	34,651			34,651							
335.00 Miscellaneous Power Plant Equipment	 48,801			48,801							
Total Hoot Lake	\$ 562,759	\$	8,084	\$ 554,675	-2.5%		\$ (202)	\$	-	\$ (202)	
<u>Wright</u>											
331.00 Structures and Improvements	\$ 19,026	\$	-	\$ 19,026			\$ -	\$	-	\$ -	
332.00 Reservoirs, Dams and Waterways	390,255		7,578	382,677	-85.8%		(6,502)			(6,502)	-1.7%
333.00 Water Wheels, Turbines & Generators	228,711			228,711							
334.00 Accessory Electric Equipment	200,524			200,524							
335.00 Miscellaneous Power Plant Equipment	127,250		12,032	115,218	-7.9%		(951)			(951)	-0.7%
Total Wright	\$ 965,766	\$	19,610	\$ 946,156	-38.0%		\$ (7,452)	\$	-	\$ (7,452)	-0.8%
<u>Pisgah</u>											
331.00 Structures and Improvements	\$ 12,118	\$	-	\$ 12,118	1		\$ -	\$	-	\$ -	
332.00 Reservoirs, Dams and Waterways	341,275			341,275							
333.00 Water Wheels, Turbines & Generators	161,200		1,468	159,732	-1645.1%		(24,150)			(24,150)	-15.0%
334.00 Accessory Electric Equipment	111,257		11,445	99,812	-2.5%		(286)			(286)	-0.3%
335.00 Miscellaneous Power Plant Equipment	 84,563		21,819	 62,744	-2.5%		 (545)			 (545)	-0.6%
Total Pisgah	\$ 710,413	\$	34,732	\$ 675,681	-71.9%		\$ (24,982)	\$	-	\$ (24,982)	-3.5%
Dayton Hollow											
331.00 Structures and Improvements	\$ 16,269	\$	-	\$ 16,269			\$ -	\$	-	\$ -	
332.00 Reservoirs, Dams and Waterways	1,326,318		44,264	1,282,054	-309.1%		(136,820)			(136,820)	-10.3%
333.00 Water Wheels, Turbines & Generators	239,295		12,544	226,751	-195.3%		(24,498)			(24,498)	-10.2%
334.00 Accessory Electric Equipment	193,849		507	193,342	41.7%		211			211	0.1%
335.00 Miscellaneous Power Plant Equipment	119,243		8,084	 111,159	-2.5%		 (202)			 (202)	-0.2%
Total Dayton Hollow	\$ 1,894,974	\$	65,399	\$ 1,829,575	-246.7%		\$ (161,309)	\$	-	\$ (161,309)	-8.5%
Taplin Gorge											
331.00 Structures and Improvements	\$ 35,140	\$	-	\$ 35,140			\$ -	\$	-	\$ -	
332.00 Reservoirs, Dams and Waterways	620,762		18,000	602,762	-166.7%		(30,006)			(30,006)	-4.8%
333.00 Water Wheels, Turbines & Generators	15,110			15,110							
334.00 Accessory Electric Equipment	62,427		3,732	58,695	-4.7%		(175)			(175)	-0.3%
335.00 Miscellaneous Power Plant Equipment	130,503		26,871	103,632	2.0%		 (537)	_		 (537)	-0.4%
Total Taplin Gorge	\$ 863,942	\$	48,603	\$ 815,339	-63.2%		\$ (30,719)	\$	-	\$ (30,719)	-3.6%

Average Net Salvage

			Plan	t Investment			Salvage					Net Salvage			Average
Account Description		Additions	R	etirements		Survivors	Realized	Future		Realized		Future		Total	Rate
A		В		С		D=B-C	E	F		G=E*C		H=F*D		I=G+H	J=I/B
<u>Bemidji</u>															
331.00 Structures and Improvements	\$	211,217	\$	11,412	\$	199,805	-2.1%		\$	(240)	\$	-	\$	(240)	-0.1%
332.00 Reservoirs, Dams and Waterways		808,372		5,535		802,837	-85.8%			(4,749)				(4,749)	-0.6%
333.00 Water Wheels, Turbines & Generators		325,669		2,982		322,687	-1226.3%			(36,568)				(36,568)	-11.2%
334.00 Accessory Electric Equipment		6,839		1,463		5,376	-82.9%			(1,213)				(1,213)	-17.7%
335.00 Miscellaneous Power Plant Equipment		2,375		1,305		1,070	-10.1%			(132)				(132)	-5.5%
Total Bemidji	\$	1,354,472	\$	22,697	\$	1,331,775	-189.0%		\$	(42,902)	\$	-	\$	(42,902)	-3.2%
OTHER PRODUCTION															
Jamestown															
341.00 Structures and Improvements	\$	310,786	\$	5,129	\$	305,657	-9.9%	-1.4%	\$	(508)	\$	(4,279)	\$	(4,787)	-1.5%
342.00 Fuel Holders and Accessories	,	593,813		177,849	•	415,964	-12.6%	-1.4%		(22,488)		(5,823)	•	(28,311)	-4.8%
343.00 Prime Movers		6,923,561		278,045		6,645,516	-38.7%	-1.4%		(107,512)		(93,037)		(200,550)	-2.9%
344.00 Generators				•											
345.00 Accessory Electric Equipment		242,133		19,253		222,880	42.7%	-1.4%		8,216		(3,120)		5.095	2.1%
346,00 Miscellaneous Power Plant Equipment		109.578		34,069		75,509		-1.4%		,		(1,057)		(1,057)	-1.0%
Total Jamestown	\$	8,179,871	\$	514,345	\$	7,665,526	-23.8%	-1.4%	\$	(122,292)	\$	(107,317)	\$	(229,609)	-2.8%
Jamestown Unit 1															
341.00 Structures and Improvements	\$	285.933	\$	5,129	\$	280,804	-9.9%	-1.4%	\$. (508)	\$	(3,931)	\$	(4,439)	-1.6%
342.00 Fuel Holders and Accessories	•	407,203	•	28,008	•	379,195	-51.4%	-1.4%	•	(14,396)	•	(5,309)	•	(19,705)	-4.8%
343.00 Prime Movers		3,004,562		142,337		2,862,225	-57.8%	-1.4%		(82,271)		(40,071)		(122,342)	-4.1%
344.00 Generators		0,001,001		,		2,002,220	-,,-,,			(02,27.7)		(,-,-,,		(122,012)	
345.00 Accessory Electric Equipment		157,825		2,553		155,272	19.6%	-1.4%		500		(2,174)		(1,673)	-1.1%
346.00 Miscellaneous Power Plant Equipment		82,536		17,133		65,403		-1.4%				(916)		(916)	-1.1%
Total Jamestown Unit 1	\$	3,938,059	\$	195,160	\$	3,742,899	-49.5%	-1.4%	\$	(96,674)	\$	(52,401)	\$	(149,075)	-3.8%
Jamestown Unit 2															
341.00 Structures and Improvements	\$	24,853	\$	-	\$	24,853		-1. 4 %	\$	_	\$	(348)	\$	(348)	-1.4%
342.00 Fuel Holders and Accessories		186,610		149,841		36,769	-5.4%	-1.4%		(8,091)		(515)		(8,606)	-4.6%
343.00 Prime Movers		3.918.999		135,708		3,783,291	-18.6%	-1.4%		(25,242)		(52,966)		(78,208)	-2.0%
344.00 Generators		, ,		•		, .				, , ,		, , ,		, , ,	
345.00 Accessory Electric Equipment		84,308		16,700		67,608	46.2%	-1.4%		7,715		(947)		6,769	8.0%
346.00 Miscellaneous Power Plant Equipment		27,042		16,936		10,106		-1.4%		·		(141)		(141)	-0.5%
Total Jamestown Unit 2	\$	4,241,812	\$	319,185	\$	3,922,627	-8.0%	-1.4%	\$	(25,618)	\$	(54,917)	\$	(80,534)	-1.9%
Lake Preston															
341.00 Structures and Improvements	\$	229,833	\$	(1)	\$	229,834		-2.4%	\$	_	\$	(5,516)	\$	(5,516)	-2.4%
342.00 Fuel Holders and Accessories	*	373,513	•	44,808	-	328,705	-4.9%	-2.4%	•	(2,196)	•	(7,889)	•	(10,085)	-2.7%
343.00 Prime Movers		3,248,402		76,336		3,172,066	-6.0%	-2.4%		(4,580)		(76,130)		(80,710)	-2.5%
344.00 Generators		J, ,		. 0,000		5, 2,550	2.276			(.,550)		(, . 50)		(,)	,
345.00 Accessory Electric Equipment		373,791		4,511		369,280		-2.4%				(8,863)		(8,863)	-2.4%
346.00 Miscellaneous Power Plant Equipment		25.227		3,620		21,607	71.8%	-2.4%		2,599		(519)		2.081	8.2%
Total Lake Preston	\$	4,250,766	\$	129,274	\$	4,121,492	-3.2%	-2.4%	\$	(4,177)	\$	(98,916)	\$	(103,092)	-2.4%
Total Lake I leston	Ψ	1,200,100	¥	120,217	Ψ	1,12,1,702	J 70	, , , ,	Ψ.	(3) (17)	*	(00,010)	Ψ	(100,002)	, 70

Average Net Salvage

			Plan	t Investment			Salvage	e Rate				Net Salvage			Average
Account Description		Additions	Re	etirements		Survivors	Realized	Future	F	Realized		Future		Total	Rate
A		В		С		D=B-C	E	F		G=E*C		H=F*D		I=G+H	J=1/B
Ashtabula Wind Generation															
341.00 Structures and Improvements	\$	3,248,290	\$	-	\$	3,248,290		-1.2%	\$	-	\$	(38,979)	\$	(38,979)	-1.2%
342.00 Fuel Holders and Accessories															
343.00 Prime Movers															
344.00 Generators		107,393,849		597,266		106,796,583		-1.2%				(1,281,559)		(1,281,559)	-1.2%
345.00 Accessory Electric Equipment		6,372,808				6,372,808		-1.2%				(76,474)		(76,474)	-1.2%
346.00 Miscellaneous Power Plant Equipment Total Ashtabula Wind Generation	\$	28,417 117,043,364	\$	597,266	\$	28,417 116,446,098		-1.2%	-\$		_	(341)	-\$	(341) (1,397,353)	-1.2% -1.2%
	φ	117,043,364	Ф	397,200	Ф	110,440,096		-1.270	Ф	-	\$	(1,397,353)	Ф	(1,387,353)	-1.2%
Langdon Wind Generation	_		_		_				_		_		_	(AT)	
341.00 Structures and Improvements	\$	2,484,069	\$	-	\$	2,484,069		-1.5%	\$	-	\$	(37,261)	\$	(37,261)	-1.5%
342.00 Fuel Holders and Accessories															
343.00 Prime Movers 344.00 Generators		69,350,217		481,498		68.868.719	-1.5%	-1.5%		(7,222)		(1,033,031)		(1,040,253)	4 50/
145.00 Accessory Electric Equipment		7,603,595		401,490		7,603,595	-1.576	-1.5% -1.5%		(1,222)		(1,033,031)		(114,054)	-1.5% -1.5%
146,00 Miscellaneous Power Plant Equipment		20,010				20,010		-1.5%				(300)		(300)	-1.5%
Total Langdon Wind Generation	-\$	79,457,891	\$	481,498	\$	78,976,393	-1.5%	-1.5%	\$	(7,222)	\$	(1,184,646)		(1,191,868)	-1.5%
uverne Wind Generation	۳	100,101,001	Ψ	401,400	Ψ	70,010,000	-1,070	1.070	Ψ	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ψ	(1,104,040)	Ψ	(1,101,000)	-1.070
41.00 Structures and Improvements	\$	2,266,581	\$		\$	2,266,581		-2.0%	\$		\$	(45,332)	•	(45,332)	0.00/
42.00 Structures and Improvements 42.00 Fuel Holders and Accessories	Ф	2,200,561	Ф	-	Ф	2,200,501		-2.U%	Ф	-	Ф	(45,332)	Ф	(45,332)	-2.0%
43.00 Prime Movers															
44.00 Generators		65,736,300		426,861		65,309,439	-1.8%	-2.0%		(7,683)		(1,306,189)		(1,313,872)	-2.0%
45.00 Accessory Electric Equipment		4,886,910		420,001		4,886,910	-1.070	-2.0%		(7,000)		(97,738)		(97,738)	-2.0%
46.00 Miscellaneous Power Plant Equipment		20,567				20,567		-2.0%				(411)		(411)	-2.0%
Total Luverne Wind Generation	\$	72,910,358	\$	426,861	\$	72,483,497	-1.8%	-2.0%	\$	(7,683)	\$	(1,449,670)	\$	(1,457,353)	-2.0%
Solway Combustion Turbine	•	,_,_,	•	,	-	,			•		•	(1,110,00)	•	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
341.00 Structures and Improvements	\$	4,285,574	\$	8,000	\$	4,277,574	-4.6%	-0.4%	æ	(368)	\$	(17,110)	æ	(17,478)	-0.4%
42.00 Fuel Holders and Accessories	Ψ	1,003,596	Ψ	0,000	Ψ	1,003,596	-4.078	-0.4%	Ψ	(500)	Ψ	(4,014)	Ψ	(4,014)	-0.4%
43.00 Prime Movers		21,312,682		34,746		21,277,936	28.7%	-0.4%		9,972		(85,112)		(75,140)	-0.4%
44.00 Generators		21,012,002		04,740		21,277,000	20.77	0.470		0,012		(00,112)		(10,140)	-070
45.00 Accessory Electric Equipment		1,253,141				1,253,141		-0.4%				(5,013)		(5,013)	-0.4%
46.00 Miscellaneous Power Plant Equipment		326,153				326,153		-0.4%				(1,305)		(1,305)	-0.4%
Total Solway Combustion Turbine	\$	28,181,146	\$	42,746	\$	28,138,400	22.5%	-0.4%	\$	9,604	\$		\$	(102,949)	-0.4%
ergus Falls Control Center															
41.00 Structures and Improvements	\$	_	\$	-	\$	_			\$	-	\$	_	\$	_	
42.00 Fuel Holders and Accessories	•		•		•				•		•				
43.00 Prime Movers		650,974		59,336		591,638	6.2%			3,679				3,679	0.6%
44.00 Generators		•		•											
45.00 Accessory Electric Equipment															
46.00 Miscellaneous Power Plant Equipment												· · · · · · · · · · · · · · · · · · ·			
Total Fergus Falls Control Center	\$	650,974	\$	59,336	\$	591,638	6.2%		\$	3,679	\$	-	\$	3,679	0.6%

Future Net Salvage Steam and Other Production

	12/31/13 Plant	Euturo P	Retirements	Not Cele	age Rate		Eutura Nat Calina		-
A						1-1-1-	Future Net Salva	<u> </u>	Future
Account Description	Investment	Interim C	Final	Interim	Final	Interim G=C*E	Final H=D*F	Total I=G+H	Rate J≡r/B
• •	ь	C	D-D-G	_	Г	G-C E	N-D F	I-G*ff	J=1/D
STEAM PRODUCTION									
Big Stone									
311.00 Structures and Improvements	\$ 22,787,501	\$ 1,988,529	\$ 20,798,972	-5.0%	-12.5%	\$ (99,426)	\$ (2,591,331)	\$ (2,690,758)	-11.8%
312.00 Boiler Plant Equipment	77,634,702	6,633,235	71,001,467	-5.0%	-12.5%	(331,662)	(8,846,030)	(9,177,692)	-11.8%
314.00 Turbogenerator Units	28,565,516	2,399,091	26,166,425	-5.0%	-12.5%	(119,955)	(3,260,059)	(3,380,014)	-11.8%
315.00 Accessory Electric Equipment	9,309,776	805,434	8,504,342	-5.0%	-12.5%	(40,272)	(1,059,551)	(1,099,823)	-11.8%
316.00 Miscellaneous Power Plant Equipment	2,456,874	209,215	2,247,659		-12.5%		(280,034)	(280,034)	-11.4%
Total Big Stone	\$ 140,754,369	\$12,035,505	\$ 128,718,864	-4.9%	-12.5%	\$ (591,314)	\$ (16,037,006)	\$ (16,628,321)	-11.8%
Hoot Lake Units 2 and 3									
311.00 Structures and Improvements	\$ 6,116,976	\$ 103,262	\$ 6,013,714	-5.0%	-14.3%	\$ (5,163)	\$ (858,508)	\$ (863,671)	-14.1%
312.00 Boiler Plant Equipment	35,292,424	560,814	34,731,610	-5.0%	-14.3%	(28,041)	(4,958,228)	(4,986,268)	-14.1%
314.00 Turbogenerator Units	10,712,723	177,088	10,535,635	-5.0%	-14.3%	(8,854)	(1,504,050)	(1,512,904)	-14.1%
315.00 Accessory Electric Equipment	2,766,673	46,331	2,720,342	-5.0%	-14.3%	(2,317)	(388,352)	(390,668)	-14.1%
316.00 Miscellaneous Power Plant Equipment	1,061,526	16,526	1,045,000		-14.3%	,	(149,183)	(149,183)	-14.1%
Total Hoot Lake Units 2 and 3	\$ 55,950,322	\$ 904,020	\$ 55,046,302	-4.9%	-14.3%	\$ (44,375)	\$ (7,858,319)	\$ (7,902,694)	-14.1%
Coyote						•			
311.00 Structures and Improvements	\$ 33,091,411	\$ 2,414,894	\$ 30,676,517	-5.0%	-8.9%	\$ (120,745)	\$ (2,738,891)	\$ (2,859,636)	-8.6%
312.00 Boiler Plant Equipment	90,491,082	6,564,090	83,926,992	-5.0%	-8.9%	(328,204)	(7,493,253)	(7,821,457)	-8.6%
314.00 Turbogenerator Units	23,889,761	1,694,442	22,195,319	-5.0%	-8.9%	(84,722)	(1,981,664)	(2,066,386)	-8.6%
315.00 Accessory Electric Equipment	11,899,695	860,766	11,038,929	-5.0%	-8.9%	(43,038)	(985,589)	(1,028,627)	-8.6%
316.00 Miscellaneous Power Plant Equipment	1,902,510	135,032	1.767.478		-8.9%	, , ,	(157,806)	(157,806)	-8.3%
Total Coyote	\$ 161,274,459	\$11,669,223	\$149,605,236	-4.9%	-8.9%	\$ (576,710)	\$ (13,357,202)	\$ (13,933,912)	-8.6%
OTHER PRODUCTION									
Jamestown									
341.00 Structures and Improvements	\$ 305,657	\$ 7,327	\$ 298,330		-1.4%	\$ -	\$ (4,214)	\$ (4,214)	-1.4%
342.00 Fuel Holders and Accessories	415,964	9,829	406,135		-1.4%		(5,737)	(5,737)	-1.4%
343.00 Prime Movers	6,645,516	162,382	6,483,134		-1.4%		(91,573)	(91,573)	-1.4%
344.00 Generators		, , ,			•		, ,,	(,)	
345.00 Accessory Electric Equipment	222,880	5,422	217,458		-1.4%		(3,072)	(3,072)	-1.4%
346.00 Miscellaneous Power Plant Equipment	75,509	1,764	73,745		-1.4%		(1,042)	(1,042)	-1.4%
346.00 Miscellaneous Power Plant Fouloment		1.704	/ 3./40		-1.470		(1.042)	(1.042)	

Future Net Salvage Steam and Other Production

		12/31/13											-		
		Plant	_	Future F	etir	ements	Net Salva			·····	Fu	ture Net Salva	ge		Future
Account Description	I	nvestment		Interim		Final	Interim	Final		Interim		Final		Total	Rate
A		В		C		D=B-C	E	F		G=C*E		H≅D*F		I=G+H	J=I/B
Lake Preston															
341.00 Structures and Improvements	\$	229,834	\$	5,594	\$	224,240		-2.5%	\$	-	\$	(5,528)	\$	(5,528)	-2.4%
342.00 Fuel Holders and Accessories		328,705		7,956		320,749		-2.5%				(7,907)		(7,907)	-2.4%
343.00 Prime Movers		3,172,066		77,756		3,094,310		-2.5%				(76,284)		(76,284)	-2.4%
344.00 Generators															
345.00 Accessory Electric Equipment		369,280		9,088		360,192		-2.5%				(8,880)		(8,880)	-2.4%
346.00 Miscellaneous Power Plant Equipment		21,607		528		21,079		-2.5%				(520)		(520)	-2.4%
Total Lake Preston	\$	4,121,492	\$	100,922	\$	4,020,570		-2.5%	\$	-	-\$	(99,119)	\$	(99,119)	-2.4%
Solway Combustion Turbine															
341.00 Structures and Improvements	\$	4.277.574	\$	263,442	\$	4.014.132		-0.4%	\$	_	\$	(16,798)	\$	(16,798)	-0.4%
342.00 Fuel Holders and Accessories	7	1,003,596	•	61.810	•	941.786		-0.4%	•	•	•	(3,941)	7	(3,941)	-0.4%
343.00 Prime Movers		21,277,936		1,310,669		19,967,267		-0.4%				(83,559)		(83,559)	-0.4%
344.00 Generators		_ , , _ , , , , , , , , ,		.,,		, ,						(,,		(==,==,	
345.00 Accessory Electric Equipment		1,253,141		77,213		1,175,928		-0.4%				(4,921)		(4,921)	-0.4%
346.00 Miscellaneous Power Plant Equipment		326,153		20,021		306,132		-0.4%				(1,281)		(1,281)	-0.4%
Total Solway Combustion Turbine	\$	28,138,400	-\$	1,733,156	\$	26,405,244		-0.4%	\$	-	- \$	(110,501)	\$	(110,501)	-0.4%
Ashtabula Wind Generation															
341.00 Structures and Improvements		\$3,248,290		\$156,445	\$	3,091,845		-1.3%	\$	_	\$	(38,731)	\$	(38,731)	-1.2%
342.00 Fuel Holders and Accessories		ψ 0 ,Σ-10,200		Ψ100,110	Ψ	0,00.,0.0		-1.3%	Ψ.		Ψ	(55,151)	۳	(00,701)	1.22 /0
343.00 Prime Movers								-1.3%							
344.00 Generators	1	06,796,583		5.142.867		101.653.716		-1.3%				(1,273,391)		(1,273,391)	-1.2%
345.00 Accessory Electric Equipment	•	6,372,808		306,856		6,065,952		-1.3%				(75,987)		(75,987)	-1.2%
346.00 Miscellaneous Power Plant Equipment		28,417		1,355		27.062		-1.3%				(339)		(339)	-1.2%
Total Ashtabula Wind Generation	\$ 1	16,446,098	\$	5,607,523	\$	110,838,575		-1.3%	\$	-			\$	(1,388,447)	-1.2%
	7 -	,,	,	-,,	,	,					•	· · · · · ·		· · · ·	
Langdon Wind Generation		PO 404 000		£442 620	ď	2 270 420		-1.5%	æ	in .	\$	(36,078)	\$	(36,078)	-1.5%
341.00 Structures and Improvements		\$2,484,069		\$113,630	\$	2,370,439		-1.5% -1.5%	\$	-	Ф	(30,076)	Ф	(30,076)	-1.576
342.00 Fuel Holders and Accessories								-1.5% -1.5%							
343.00 Prime Movers		00 000 740		0.440.059		CE 740 000		-1.5% -1.5%				(4 000 227)		(4 000 227)	-1.5%
344.00 Generators		68,868,719		3,149,853		65,718,866						(1,000,237)		(1,000,237)	-1.5% -1.5%
345.00 Accessory Electric Equipment		7,603,595		347,341		7,256,254		-1.5%				(110,440)		(110,440)	
346.00 Miscellaneous Power Plant Equipment		20,010	_	904	<u>_</u>	19,106		-1.5%	_		- -	(291)	-	(291)	<u>-1.5%</u> -1.5%
Total Langdon Wind Generation	\$	78,976,393	ф	3,611,728	\$	75,364,665		-1.5%	\$	-	ф	(1,147,046)	\$	(1,147,046)	-1.5%

Future Net Salvage Steam and Other Production

	12/31/13					. , , , , , , , , , , , , , , , , , , ,			
	Plant	Future R	etirements	Net Salv	age Rate		Future Net Salva	ige	Future
Account Description	Investment	Interim	Final	Interim	Final	Interim	Final	Total	Rate
A	В	C	D=B-C	Ŀ	ŀ	G=C*E	H=D*F	I=G+H	J=1/B
Luverne Wind Generation									
341.00 Structures and Improvements	\$2,266,581	\$114,619	\$ 2,151,962		-2.1%	\$ -	\$ (45,669)	\$ (45,669)	-2.0%
342.00 Fuel Holders and Accessories					-2.1%				
343.00 Prime Movers					-2.1%				
344.00 Generators	65,309,439	3,302,303	62,007,136		-2.1%		(1,315,923)	(1,315,923)	-2.0%
345.00 Accessory Electric Equipment	4,886,910	247,113	4,639,797		-2.1%		(98,466)	(98,466)	-2.0%
346.00 Miscellaneous Power Plant Equipment	20,567	1,032	19,535		-2.1%		(415)	(415)	-2.0%
Total Luverne Wind Generation	\$ 72,483,497	\$ 3,665,067	\$ 68,818,430		-2.1%	\$ -	\$ (1,460,473)	\$ (1,460,473)	-2.0%
GENERAL PLANT									
390.10 General Office Buildings	\$5,502,085	\$235,766	\$ 5,266,319	-5.0%	54.1%	\$ (11,788)	\$ 2,846,923	\$ 2,835,135	51.5%
390.20 Fleet Service Center Building	815,591	24,375	791,216	-5.0%	39.9%	(1,219)	315,851	314,632	38.6%
390.30 Central Stores Building	3,974,861	227,223	3,747,638	-5.0%	99.8%	(11,361)	3,739,918	3,728,557	93.8%

Proposed Parameters Vintage Group Procedure

		C	urrent Pa	arameter	s			Pro	posed Pa	rameters		
	P-Life/	Curve	VG	Rem.	Avg.	Fut.	P-Life/	Curve	VG	Rem.	Avg.	Fut.
Account Description	AYFR	Shape	ASL	Life	Sal.	Sal.	AYFR	Shape	ASL	Life	Sal.	Sal.
A	В	С	D	E	F	G	Н	ı	J	К	L	М
STEAM PRODUCTION												
311.00 Structures and Improvements			46.01	19.48	-9.6	-9.0			52.46	25.04	-10.9	-10.3
312.00 Boiler Plant Equipment			31.55	15.93	-10.9	-9.4			37.53	20.50	-12.0	-10.8
314.00 Turbogenerator Units			31.52	16.79	-6.9	-9.4			39.29	23.87	-4.9	-11.0
315.00 Accessory Electric Equipment			40.97	19.29	-9.3	-9.0			44.84	23.70	-10.7	-10.5
316.00 Miscellaneous Power Plant Equipment			28.24	15.09	5.0	-9.3			32.29	19.71	-5.2	-10.8
Total Steam Production Plant									40.17	21.88	-10.3	-10.7
HYDRAULIC PRODUCTION												
331.00 Structures and Improvements			18.08	8.41	-0.1	•		•	18.14	7.43	-0.1	•
332.00 Reservoirs, Dams and Waterways			15.76	8.41	-5.6				13.57	7.43	-4.7	
333.00 Water Wheels, Turbines & Generators			18.23	8.41	-7.9				18.25	7.43	-7.9	
334.00 Accessory Electric Equipment			19.83	8.41	-0.2				19.84	7.43	-0.2	
335.00 Miscellaneous Power Plant Equipment			10.20	8.41	-0.5				10.20	7.43	-0.5	
Total Hydraulic Production Plant	- III								14.51	7.43	-4.2	
OTHER PRODUCTION												
341,00 Structures and Improvements			26.99	20.93	-1.2	-1.2			26.76	19.84	-1.2	-1.2
342.00 Fuel Holders and Accessories			26.48	16.77	-1.4	-1.0			26.46	15.91	-2.2	-1.0
343.00 Prime Movers			34.36	20.33	-1.1	-0.8			34.36	19.41	-1.1	-0.8
344.00 Generators			24.22	19.96	-1.5	-1.5			24.19	19.01	-1.5	-1.5
345.00 Accessory Electric Equipment			24.89	19.88	-1.4	-1.5			24.61	18.90	-1.4	-1.5
346.00 Miscellaneous Power Plant Equipment			27.16	19.57	-0.4	-0.9			27.10	19.21	-0.3	-0.8
Total Other Production Plant									25.10	19.05	-1.4	-1.4
TRANSMISSION PLANT												
353.00 Station Equipment	65.00	R1	65.14	53.06	-0.5	-5.0	65.00	R1	65.14	52.96	-0.6	-5.0
354.00 Towers and Fixtures	70.00	R5	70.00	37.90	-10.0	-10.0	70.00	R5	70.00	55.88	-10.0	-10.0
355.00 Poles and Fixtures	70.00	R2	70.31	55.58	-45.3	-50.0	70.00	R2	70.36	53.85	-44.8	-50.0
356.00 Overhead Conductors and Devices	70.00	R2	70.25	53.25	-25.2	-30.0	70.00	R2	70.26	53.33	-25.3	-30.0
358.00 Underground Conductors and Devices	40.00	S4	41.13	10.86	-7.3	-5.0	40.00	S4	41.40	10.33	-7.3	-5.0
Total Transmission Plant									68.69	53.49	-24.0	-28.8

Proposed Parameters Vintage Group Procedure

			C		arameter	s			Pro	posed Pa	<u>rameter</u> s		
		P-Life/	Curve	VG	Rem.	Avg.	Fut.	P-Life/	Curve	VG	Rem.	Avg.	Fut.
	Account Description	AYFR	Shape	ASL	Life	Sal.	Sal.	AYFR	Shape	ASL	Life	Sal.	Sal.
	A	В	С	D	Е	F	G	Н	1	J	К	L	М
DISTRI	BUTION PLANT												
362.00	Station Equipment	40.00	SC	40.64	32.22	7.2	5.0	40.00	SC	40.64	32.24	7.3	5.0
364.00	Poles, Towers and Fixtures	68.00	R3	68.07	48.68	-76.3	-75.0	68.00	R3	68.08	48.37	-76.4	-75.
365.00	Overhead Conductors and Devices	65.00	R2.5	65.20	44.33	-98.7	-100.0	65.00	R2.5	65.20	44.11	-98.7	-100.
367.00	Underground Conductors and Devices	40.00	R4	39.88	24.81	-4.9	<i>-</i> 5.0	40.00	R4	39.90	24.63	-4.9	-5.
368.00	Line Transformers	40.00	R2.5	40.15	28.19	48.7	50.0	40.00	R2.5	40.14	28.20	48.5	50.0
369.00	Overhead Services	55.00	S5	55.18	33.52	-154.2	-150.0	55.00	S5	55.20	32.98	-154.4	-150.0
369.10	Underground Services	45.00	R4	45.11	30.89	-20.1	-20.0	45.00	R4	45.12	30.51	-20.1	-20.0
370.00	Meters	28.00	L0.5	29.93	20.64	0.1		28.00	L0.5	29.88	20.69	0.1	• "
370.10	Load Management Switches	12.00	R5	12.14	4.42			12.00	R5	12.03	3.56		
370.20	Interruption Monitors	5.00	SQ	5.00	1.00			5.00	SQ	5.00	1.97		
371.20	Other Private Lighting	23.00	LO	23.23	17.10	9.7	10.0	23.00	L0	23.21	17.01	9.6	10.0
373.00	Street Lighting and Signal Systems	22.00	L0.5	22.46	15.43	-3.8	-5.0	22.00	L0.5	22.49	15.24	-3.8	-5.0
Tot	tal Distribution Plant							-		41.47	28.53	-17.5	-19.5
GENER	AL PLANT												
De	preciable												
390.00	Structures and Improvements	47.00	R1.5	47.47	31.91	13.7	10.0	47.00	R1.5	47.47	31.71	13.5	10.0
390.10	General Office Buildings	2030	200-SC	35.36	17.10	39.7	51.2	2030	200-SC	35.13	16.14	39.9	51.
390.20	Fleet Service Center Building	2025	200-SC	37.62	12.29	30.1	38.6	2025	200-SC	37.14	11.32	29.9	38.6
390.30	Central Stores Building	2035	200-SC	51.56	21.81	94.5	95.5	2035	200-SC	50.54	20.87	92.1	93.8
396.00	Power Operated Equipment	24.00	LO	25.93	16.79	23.1	20.0	24.00	L0	25.98	17.03	22.0	20.0
397.40	Communication Towers	40.00	R3	40.23	25.05	5.5	5.0	40.00	R3	40.24	25.69	5.5	5.0
Tot	al Depreciable									43.78	25.84	26.7	27.9
Am	ortizable												
391.00	Office Furniture	15.00	SQ	15.00	5.53			15.00	SQ	15.00	5.74		
391.10	Office Equipment	10.00	SQ	10.00	4.83			10.00	SQ	10.00	3.88		
391.20	Duplicating Equipment	10.00	SQ	10.00	3.15			10.00	SQ	10.00	2.17		
391.50	Computer Systems	5.00	SQ	5.00	2.51			5.00	SQ	5.00	2.12		
391.60	Computer Related Equipment	5.00	SQ	5.00	2.32			5.00	SQ	5.00	2.19		
394.00	Tools, Shop and Garage Equipment	15.00	SQ	15.00	9.23			15.00	SQ	15.00	9.25		
394.20	Automated Meter Reading Equipment	15.00	SQ	15.00	9.50			15.00	SQ	15.00	8.50		
397.00	Communication Equipment	15.00	SQ	15.00	8.94			15.00	SQ	15.00	10.31		

Proposed Parameters Vintage Group Procedure

		Cı	urrent Pa	arameter	s			Pro	posed Pa	rameters		
	P-Life/	Curve	VG	Rem.	Avg.	Fut.	P-Life/	Curve	VG	Rem.	Avg.	Fut.
Account Description	AYFR	Shape	ASL	Life	Sal.	Sal.	AYFR	Shape	ASL	Life	Sal.	Sal.
A	В	С	D	Е	F	G	Н	I	. J	К	L	M
397.10 Radio Telecommunication Equipment	10.00	SQ	10.00	5.61			10.00	SQ	10.00	5.69		
397.20 Microwave Equipment	15.00	SQ	15.00	7.63			15.00	SQ	15.00	7.82		
397.30 Radio Load Control Equipment	10.00	SQ	10.00	6.35			10.00	SQ	10.00	5.94		
Total Amortizable									9.35	4.69		
Total General Plant									18.56	10.35	10.4	17.6
TOTAL UTILITY									36.74	24.94	-11.9	-13.7
STEAM PRODUCTION												
Big Stone		,										•
311.00 Structures and Improvements	2027	200-SC	41.58	14.22	-8.1	-8.1	2046	200-SC	59.84	31.07	-11.8	-11.8
312.00 Boiler Plant Equipment	2027	200-SC	29.23	14.23	-11.0	-8.1	2046	200-SC	48.79	31.11	-13.9	-11.8
314.00 Turbogenerator Units	2027	200-SC	27.02	14.23	-3.6	-8.1	2046	200-SC	44.61	31.13	-6.9	-11.8
315.00 Accessory Electric Equipment	2027	200-SC	34.09	14.22	-8.8	-8.1	2046	200-SC	54.03	31.09	-12.5	-11.8
316.00 Miscellaneous Power Plant Equipment	2027	200-SC	29.91	14.23	<u>-5.2</u>	7.9	<u> 2046</u>	200-SC	48.03	31.11	-6.9	-11.4
Total Big Stone									49.63	31.11	-12.0	-11.8
Hoot Lake Units 2 and 3												
311.00 Structures and Improvements	2020	200-SC	35.48	7.42	-18.8	-14.3	2020	200-SC	35.51	6.44	-18.6	-14.1
312.00 Boiler Plant Equipment	2020	200-SC	17.98	7.43	-16.9	-14.3	2020	200-SC	17.75	6.45	-16.8	-14.1
314.00 Turbogenerator Units	2020	200-SC	29.87	7.43	-12.9	-14.3	2020	200-SC	29.81	6.44	-12.7	-14.1
315.00 Accessory Electric Equipment	2020	200-SC	43.52	7.42	-16.1	-14.3	2020	200-SC	24.25	6.44	-15.8	-14.1
316.00 Miscellaneous Power Plant Equipment	2020	200-SC	16.67	7.43	<u>-8.0</u>	-14.2	2020	200-SC	15.46 20.70	6.45 6.45	-6.5 -16.0	-14.1 -14.1
Total Hoot Lake Units 2 and 3									20.70	0.40	-10.0	-14.1
Coyote												
311.00 Structures and Improvements	2041	200-SC	52.78	27.41	-8.8	-8.7	2041	200-SC	52.64	26.48	-8.7	-8.6
312.00 Boiler Plant Equipment	2041	200-SC	49.35	27.42	-8.4	-8.7	2041	200-SC	49.16	26.49	-8.3	-8.6
314.00 Turbogenerator Units	2041	200-SC	40.71	27.44	-8.1	-8.7	2041	200-SC	39.29	26.52	0.2	-8.6
315.00 Accessory Electric Equipment	2041	200-SC	47.92	27.42	-8.3	-8.7	2041	200-SC	47.92	26.50	-8.3	-8.6
316.00 Miscellaneous Power Plant Equipment	2041	200-SC	41.15	27.44	-3.6	-8.4	2041	200-SC	39.59	26.51	-2.5	-8.3
Total Coyote									47.80	26.49	-6.8	-8.6

Proposed Parameters Vintage Group Procedure

		Cı	urrent Pa	arameter	s			Pro	posed Pa	rameters		
	P-Life/	Curve	VG	Rem.	Avg.	Fut.	P-Life/	Curve	VG	Rem.	Avg.	Fut.
Account Description	AYFR	Shape	ASL	Life	Sal.	Sal.	AYFR	Shape	ASL	Life	Sal.	Sal.
A	В	С	D	E	F	G	Н	ł	J	К	L	M
HYDRAULIC PRODUCTION												
Hoot Lake												
331.00 Structures and Improvements	2021	200-SC	59.08	8.40			2021	200-SC	60.89	7.42		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	29.78	8.40	-0.1		2021	200-SC	29.81	7.43	-0.1	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	35.86	8.40			2021	200-SC	35.93	7.42		
334.00 Accessory Electric Equipment	2021	200-SC	30.50	8.40			2021	200-SC	30.56	7.43		
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	8.90	8.41			2021	200-SC	8.90	7.43		
Total Hoot Lake									26.87	7.43		
Wright									•			
331.00 Structures and Improvements	2021	200-SC	30.51	8.40			2021	200-SC	30.57	7.43		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	19.45	8.41	-1.7		2021	200-SC	19.47	7.43	-1.7	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	18.72	8.41			2021	200-SC	18.74	7.43		
334.00 Accessory Electric Equipment	2021	200-SC	17.70	8.41			2021	200-SC	17.72	7.43		
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	12.20	8.41	-0.7		2021	200-SC	12.19	7.43	-0.7	
Total Wright									17.77	7.43	-0.8	
Pisgah												
331.00 Structures and Improvements	2021	200-SC	38.36	8.40			2021	200-SC	38.54	7.42		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	13.36	8.41			2021	200-SC	13.37	7.43		
333.00 Water Wheels, Turbines & Generators	2021	200-SC	15.81	8.41	-15.0		2021	200-SC	15.83	7.43	-15.0	
334.00 Accessory Electric Equipment	2021	200-SC	17.97	8.41	-0.3		2021	200-SC	17.89	7.43	-0.3	
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	8.90	8.41	-0.6		2021	200-SC	8.90	7.43	-0.6	
Total Pisgah									13.91	7.43	-3.5	
Dayton Hollow												
331.00 Structures and Improvements	2021	200-SC	9.91	8.41			2021	200-SC	9.92	7.43		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	13.34	8.41	-15.9		2021	200-SC	10.69	7.43	-10.3	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	14.11	8.41	-10.2		2021	200-SC	14.13	7.43	-10.2	
334.00 Accessory Electric Equipment	2021	200-SC	21.22	8.41	0.1		2021	200-SC	21.25	7.43	0.1	
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	8.92	8.41	-0.2		2021	200-SC	8.92	7.43	-0.2	
Total Dayton Hollow			0.02		0.2				11.49	7.43	-8.5	
. Juli Dujion Honon												

Proposed Parameters
Vintage Group Procedure

		Cı	ırrent Pa	arameter	s			Pro	posed Pa	rameters		
	P-Life/	Curve	VG	Rem.	Avg.	Fut.	P-Life/	Curve	VG	Rem.	Avg.	Fut.
Account Description	AYFR	Shape	ASL	Life	Sal.	Sal.	AYFR	Shape	ASL	Life	Sal.	Sal.
Α	В	С	D	E	F	G	Н	ı	J	K	L	М
Taplin Gorge												
331.00 Structures and Improvements	2021.	200-SC	73.76	8.39			2021	200-SC	73.93	7.42		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	16.25	8.41	-4.8		2021	200-SC	16.26	7.43	-4.8	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	81.33	8.39			2021	200-SC	81.51	7.41		
334.00 Accessory Electric Equipment	2021	200-SC	22.05	8.41	-0.3		2021	200-SC	22.08	7.43	-0.3	
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	11.71	8.41	-0.4		2021	200-SC	<u> 11.71</u>	7.43	-0.4	
Total Taplin Gorge									16.56	7.43	-3.6	
<u>Bemidji</u>												
331.00 Structures and Improvements	2021	200-SC	13.13	8.41	-0.1		2021	200-SC	13.15	7.43	-0.1	
332.00 Reservoirs, Dams and Waterways	2021	200-SC	15.27	8.41	-0.7		2021	200-SC	13.11	7.43	-0.6	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	19.53	8.41	-11.2		2021	200-SC	19.56	7.43	-11.2	
334.00 Accessory Electric Equipment	2021	200-SC	72.85	8.39	-17.7		2021	200-SC	72.90	7.42	-17.7	
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	11.84	8.41	-5.5		2021	200-SC	11.85	7.43	-5.5	
Total Bemidji									14.31	7.43	-3.2	
OTHER PRODUCTION				pk.								
<u>Jamestown</u>												
341.00 Structures and Improvements			30.77	10.35	-1.5	-1.4			23.58	9.38	-1.5	-1.4
342.00 Fuel Holders and Accessories			17.64	10.36	-2.4	-1.4			17.07	9.39	-4.8	-1.4
343.00 Prime Movers			35.41	10.35	-2.9	-1.4			35.44	9.38	-2.9	-1.4
344.00 Generators												
345.00 Accessory Electric Equipment			28.81	10.36	2.1	-1.4			28.82	9.39	2.1	-1.4
346.00 Miscellaneous Power Plant Equipment			22.13	10.36	-1.4	-1.4			18.61	9.39	-1.0	-1.4
Total Jamestown									32.39	9.38	-2.8	-1.4
Jamestown Unit 1												
341.00 Structures and Improvements	2023	200-SC	33.60	10.35	-1.5	-1.4	2023	200-SC	24.42	9.38	-1.6	-1.4
342.00 Fuel Holders and Accessories	2023	200-SC	17.07	10.36	-1.4	-1.4	2023	200-SC	16.46	9.39	-4.8	-1.4
343.00 Prime Movers	2023	200-SC	32.72	10.35	-4.0	-1.4	2023	200-SC	32.70	9.38	-4.1	-1.4
344.00 Generators			_	-		•		- · · · ·	_	•		
345.00 Accessory Electric Equipment	2023	200-SC	46.65	10.35	-1.1	-1.4	2023	200-SC	46.75	9.38	-1.1	-1.4
346.00 Miscellaneous Power Plant Equipment	2023	200-SC	19.55	10.36	-1.4	-1.4	2023	200-SC	17.27	9.39	-1.1	-1.4
Total Jamestown Unit 1		•							28.98	9.38	-3.8	-1.4

Proposed Parameters Vintage Group Procedure

		Cı	urrent Pa	arameter	s			Pro	posed Pa	rameters		
	P-Life/	Curve	VG	Rem.	Avg.	Fut.	P-Life/	Curve	VG	Rem.	Avg.	Fut.
Account Description	AYFR	Shape	ASL	Life	Sal.	Sal.	AYFR	Shape	ASL	Life	Sal.	Sal.
A	В	С	D	E	F	G	Н	ı	J	K	L	М
Jamestown Unit 2												
341.00 Structures and Improvements	2023	200-SC	16.97	10.36	-1.4	-1.4	2023	200-SC	16.98	9.39	-1.4	-1.4
342.00 Fuel Holders and Accessories	2023	200-SC	28.36	10.35	-4.6	-1.4	2023	200-SC	27.65	9.38	-4.6	-1.4
343.00 Prime Movers	2023	200-SC	37.77	10.35	-2.0	-1.4	2023	200-SC	37.83	9.38	-2.0	-1.4
344.00 Generators												
345.00 Accessory Electric Equipment	2023	200-SC	15.32	10.36	8.0	-1.4	2023	200-SC	15.32	9.39	8.0	-1.4
346.00 Miscellaneous Power Plant Equipment	2023	200-SC	37.00	10.35	<u>-1.4</u>	-1.4	2023	200-SC	37.45	9.38	0.5	1.4
Total Jamestown Unit 2							•.		36.49	9.38	-1.9	-1.4
Lake Preston	*,			٠.			· ·					
341.00 Structures and Improvements	2023	200-SC	37.50	10.35	-2.4	-2.4	2023	200-SC	29.08	9.38	-2.4	-2.4
342.00 Fuel Holders and Accessories	2023	200-SC	28.17	10.36	-2.7	-2.4	2023	200-SC	28.17	9.38	-2.7	-2.4
343.00 Prime Movers	2023	200-SC	38.99	10.35	-2.5	-2.4	2023	200-SC	39.06	9.38	-2.5	-2.4
344.00 Generators												
345.00 Accessory Electric Equipment	2023	200-SC	41.77	10.35	-2.4	-2.4	2023	200-SC	41.87	9.38	-2.4	-2.4
346.00 Miscellaneous Power Plant Equipment	2023	200-SC	38.75	10.35	8.2	-2.4	2023	200-SC	38.91	9.38	8.2	-2.4
Total Lake Preston									37.41	9.38	-2.4	-2.4
Ashtabula Wind Generation												
341.00 Structures and Improvements	2033	200-SC	24.24	19.97	-1.2	-1.2	2033	200-SC	24.26	19.02	-1.2	-1.2
342.00 Fuel Holders and Accessories												
343.00 Prime Movers												
344.00 Generators	2033	200-SC	24.23	19.97	-1.2	-1.2	2033	200-SC	24.19	19.02	-1.2	-1.2
345.00 Accessory Electric Equipment	2033	200-SC	24.24	19.97	-1.2	-1.2	2033	200-SC	24.15	19.02	-1.2	-1.2
346.00 Miscellaneous Power Plant Equipment	2033	200-SC	20.45	19.97	-1.2	-1.2	2033	200-SC	20.45	19.02	-1.2	-1.2
Total Ashtabula Wind Generation									24.19	19.02	-1.2	-1.2
Langdon Wind Generation												
341.00 Structures and Improvements	2032	200-SC	24.26	19.02	-1.5	-1.5	2032	200-SC	24.27	18.07	-1.5	-1.5
342.00 Fuel Holders and Accessories												
343.00 Prime Movers												
344.00 Generators	2032	200-SC	24.19	19.02	-1.5	-1.5	2032	200-SC	24.19	18.07	-1.5	-1.5
345.00 Accessory Electric Equipment	2032	200-SC	24.18	19.02	-1.5	-1.5	2032	200-SC	23.62	18.07	-1.5	-1.5
346.00 Miscellaneous Power Plant Equipment	2032	200-SC	19.89	19.02	-1.5	-1.5	2032	200-SC	19.50	18.07	<u>-1.5</u>	-1.5
Total Langdon Wind Generation									24.13	18.07	-1.5	-1.5

Proposed Parameters
Vintage Group Procedure

	Account Description A Wind Generation	P-Life/ AYFR	Curve Shape	VG ASL	Rem. Life	Avg.	Fut.	P-Life/	Curve	VG	Rem.	Avg.	Fut.
	A Nind Generation			ASL	Life							, ivg.	
	Vind Generation	В	С			Sal.	Sal.	AYFR	Shape	ASL	Life	Sal.	Sal.
	**************************************			D	Е	F	G	Н	1	J	К	L	М
341.00 S													
5-1.00 C	tructures and Improvements	2034	200-SC	24.23	20.92	-2.0	-2.0	2034	200-SC	24.24	19.97	-2.0	-2.0
342.00 F	uel Holders and Accessories												
343.00 P	rime Movers												
344.00 G	Generators	2034	200-SC	24.22	20.92	-2.0	-2.0	2034	200-SC	24.19	19.97	-2.0	-2.0
345.00 A	ccessory Electric Equipment	2034	200-SC	24.23	20.92	-2.0	-2.0	2034	200-SC	24.22	19.97	-2.0	-2.0
	liscellaneous Power Plant Equipment	2034	200-SC	21.40	20.92	-2.0	-2.0	2034	200-SC	21.40	19.97	2.0	-2.0
Total	Luverne Wind Generation									24.19	19.97	-2.0	-2.0
Solway Co	ombustion Turbine	•				•		•			•		
	tructures and Improvements	2038	200-SC	33.41	24.67	-0.4	-0.4	2038	200-SC	33.36	23.73	-0.4	-0.4
342.00 F	uel Holders and Accessories	2038	200-SC	33.29	24.67	-0.4	-0.4	2038	200-SC	33.42	23.73	-0.4	-0.4
343.00 P	rime Movers	2038	200-SC	33.46	24.67	-0.4	-0.4	2038	200-SC	33.45	23.73	-0.4	-0.4
344.00 G	Generators												
345.00 A	ccessory Electric Equipment	2038	200-SC	33.57	24.67	-0.4	-0.4	2038	200-SC	33.59	23.73	-0.4	-0.4
	liscellaneous Power Plant Equipment	2038	200-SC	32.53	24.67	-0.4	-0.4	2038	200-SC	32.06	23.73	-0.4	-0.4
Total	Solway Combustion Turbine									33.42	23.73	-0.4	-0.4
341.00 S 342.00 F	alls Control Center tructures and Improvements uel Holders and Accessories	2020	200-SC	22.05	17.10	0.6		2020	200-SC	33.90	16.14	0.0	
344.00 G 345.00 A 346.00 M	rime Movers Senerators Secessory Electric Equipment Sincellaneous Power Plant Equipment Fergus Falls Control Center	2030		33.85	17.10	U.6 		2030		33.90	16.14	0.6	

Plant Activity for 2013

	 Beginning	 					***	 Ending
Account Description	 Balance	 Additions	R	etirements	Adjustments	Transf	ers	Balance
Α	В	С		D	Е	F		G
STEAM PRODUCTION								
311.00 Structures and Improvements	\$ 61,837,428	\$ 214,946	\$	56,486				\$ 61,995,887
312.00 Boiler Plant Equipment	202,860,000	1,956,794		1,398,585				203,418,208
314.00 Turbo Generator Units	60,589,909	5,712,498		3,134,406				63,168,000
315.00 Accessory Electric Equipment	23,504,826	525,346		54,028				23,976,144
316.00 Misc. Power Plant Equipment	5,467,569	310,204		356,862				 5,420,911
Total Steam Production	\$ 354,259,730	\$ 8,719,787	\$	5,000,367				\$ 357,979,150
HYDRAULIC PRODUCTION								
331.00 Structures and Improvements	\$ 351,712							\$ 351,712
332.00 Reservoirs, Dams and Waterways	3,148,824	609,281			•	(4	8,826)	3,709,279
333.00 Water Wheels, Turbines and Gen.	1,057,186							1,057,186
334.00 Accessory Electric Equipment	592,375						25	592,400
335.00 Misc. Power Plant Equipment	 393,336	 487				4	8,801	 442,624
Total Hydraulic Production	\$ 5,543,432	\$ 609,769	\$	-				\$ 6,153,201
OTHER PRODUCTION								
341.00 Structures and Improvements	\$ 12,721,530	\$ 94,380	\$	3,906				\$ 12,812,004
342.00 Fuel Holders and Accessories	1,782,049	(5,775)		28,008				1,748,266
343.00 Prime Movers	31,658,649	57,846		29,340				31,687,155
344.00 Generators	240,489,740	1,328,800		843,799				240,974,741
345.00 Accessory Electric Equipment	20,011,664	756,402		341		(5	9,110)	20,708,615
346.00 Misc. Power Plant Equipment	 442,906	24,315		34,068		5	9,110	 492,263
Total Other Production	\$ 307,106,538	\$ 2,255,966	\$	939,461				\$ 308,423,044
TRANSMISSION PLANT								
353.00 Station Equipment	\$ 74,896,201	\$ 3,543,098	\$	384,761		\$ 9	0,634	\$ 78,145,172
354.00 Towers and Fixtures	4,692,263	7,664,853						12,357,116
355.00 Poles and Fixtures	101,637,471	(6,854,130)		56,403		2	2,239	94,749,175
356.00 Overhead Conductors and Devices	77,617,900	4,337,592		85,504		1	3,572	81,883,560
358.00 Underground Conductors and Devices	77,461							77,461
Total Transmission Plant	\$ 258,921,295	\$ 8,691,412	\$	526,669		\$ 12	6,444	\$ 267,212,483

Plant Activity for 2013

						•			-	
	Beginning			_			_	_		Ending
Account Description	Balance		Additions	F	Retirements	Adjustments		Transfers		Balance
Α .	В		С		D	E		F		G
DISTRIBUTION PLANT										
362.00 Station Equipment	\$ 67,383,703	\$	4,427,033	\$	622,884		\$	(85,322)	\$	71,102,531
364.00 Poles, Towers and Fixtures	64,643,246		1,869,493		90,650			(22,239)		66,399,850
365.00 Overhead Conductors and Devices	45,917,036		1,321,492		122,851			(13,572)		47,102,104
367.00 Underground Conductors and Devices	63,089,210		2,928,273		170,086					65,847,397
368.00 Line Transformers	75,696,778		4,961,189		516,831			(8,728)		80,132,409
369.00 Overhead Services	12,101,446		205,966		13,925					12,293,487
369.10 Underground Services	35,005,457		1,366,880		32,126					36,340,210
370.00 Meters	22,160,086		1,371,083		533,904					22,997,266
370.10 Load Management Switches	8,860,392	٠.			145;345					8,715,047
370.20 Interruption Monitors	645,863									645,863
371.20 Other Private Lighting	4,130,401		249,581		103,787					4,276,194
373.00 Street Lighting and Signal Systems	 4,744,947		186,986		88,598					4,843,334
Total Distribution Plant	\$ 404,378,564	\$	18,887,975	\$	2,440,987		\$	(129,860)	\$	420,695,692
GENERAL PLANT										
390.00 Structures and Improvements	\$ 19,227,812	\$	662,438	\$	170,992			(\$50,131)	\$	19,669,126
390.10 General Office Buildings	5,536,383		2,362		4,478			(32,182)		5,502,085
390.20 Fleet Service Center Buildings	815,155		4,201		4,866			1,101		815,591
390.30 Central Stores Building	3,904,166		25,629		36,146			81,212		3,974,861
391.00 Office Furniture	1,488,916		105,543		130,428			(21,704)		1,442,327
391.10 Office Equipment	1,016,129				10,686	•				1,005,443
391.20 Duplicating Equipment	687,242				5,533					681,709
391.50 Computer Systems	3,212,597		559,849		343,020					3,429,426
391.60 Computer Related Equipment	1,379,920		291,319		260,921					1,410,318
394.00 Tools, Shop and Garage Equipment	3,256,553		446,798		127,946			21,704		3,597,109
394.20 Automated Meter Reading Equipment	589,444									589,444
396.00 Power Operated Equipment	586,118		39,218		52,217					573,119
397.00 Communication Equipment	662,089		301,591		55,546					908,134
397.10 Radio Telecommunications Equipment	1,355,018		243,300		124,699					1,473,619
397.20 Microwave Equipment	3,422,579		609,478		14,130					4,017,927
397.30 Radio Load Control Equipment	446,920		(2,041)		41,800					403,080
397.40 Communication Equipment - Towers	1,691,775		187,191							1,878,966
Total General Plant	\$ 49,278,816	\$	3,476,876	\$	1,383,409		\$	-	\$	51,372,283
TOTAL DEPRECIABLE PLANT	\$ 1,379,488,375	\$	42,641,786	\$	10,290,892		\$	(3,416)	\$	1,411,835,853

Analysis of Depreciation Reserve for 2013

			Cre	edits			De	bits				
	Beginning				Gross	***************************************			Cost of	Oth	er Credits	Ending
Account Description	Balance		Accruals		Salvage	F	Retirements		Removal	((Debits)	Balance
A	В		С		D		E		F		G	Н
STEAM PRODUCTION												
311.00 Structures and Improvements	\$ 46,003,918	\$	1,174,029			\$	56,486	\$	16,140			\$ 47,105,320
312.00 Boiler Plant Equipment	124,514,402		6,047,170		35,146		1,398,585		223,018			128,975,115
314.00 Turbo Generator Units	36,060,473		1,796,701		3,516,111		3,134,406		79,128			38,159,750
315.00 Accessory Electric Equipment	15,887,998		543,016				54,028		21,741			16,355,245
316.00 Misc. Power Plant Equipment	3,185,079		174,055		56,410		356,862					 3,058,681
Total Steam Production	\$ 225,651,869	\$	9,734,970	\$	3,607,666	\$	5,000,367	\$	340,027			\$ 233,654,111
HYDRAULIC PRODUCTION												
331.00 Structures and Improvements	\$ 176,363	\$	18,678									\$ 195,041
332.00 Reservoirs, Dams and Waterways	1,117,134		216,475		. •						(2,707)	1,330,902
333.00 Water Wheels, Turbines and Gen.	521,937		57,036									578,973
334.00 Accessory Electric Equipment	327,639		28,213								24	355,876
335.00 Misc. Power Plant Equipment	 37,180		38,032								2,683	77,895
Total Hydraulic Production	\$ 2,180,253	\$	358,433	\$	-	\$	-	\$	_			\$ 2,538,687
OTHER PRODUCTION												
341.00 Structures and Improvements	\$ 2,851,840	\$	442,718			\$	3,906					\$ 3,290,652
342.00 Fuel Holders and Accessories	694,063		63,624		593		28,008		15,000			715,272
343.00 Prime Movers	14,186,057		806,741				29,340					14,963,458
344.00 Generators	38,280,434		9,407,458		12,000		843,799		115,666			46,740,428
345.00 Accessory Electric Equipment	3,771,559		763,236				341				(3,050)	4,531,405
346.00 Misc. Power Plant Equipment	163,279		13,621				34,068				3,050	145,882
Total Other Production	\$ 59,947,232	\$	11,497,398	\$	12,593	\$	939,461	\$	130,666			\$ 70,387,097
TRANSMISSION PLANT												
353.00 Station Equipment	\$ 17,890,625	\$	1,235,397		\$3,505	\$	384,761	\$	19.052	\$	1,767	\$ 18.727.481
354.00 Towers and Fixtures	2,425,530		89,480						•	•	•	2,515,011
355.00 Poles and Fixtures	41,124,503		2,316,770		203,775		56,403		70,293		19,550	43,537,901
356.00 Overhead Conductors and Devices	33,205,849		1,628,128		127,320		85,504		45,354		15,130	34,845,569
358.00 Underground Conductors and Devices	67,641		1,642		•		•		•		•	69,283
Total Transmission Plant	\$ 94,714,148	\$	5,271,417	\$	334,600	\$	526,669	\$	134,699	\$	36,447	\$ 99,695,245

Analysis of Depreciation Reserve for 2013

			Credits				De	bits			-	 We The St.	
	Be	eginning			**********	Gross				Cost of	Oth	ner Credits	Ending
Account Description	В	Balance		Accruals		Salvage	-	Retirements		Removal		(Debits)	Balance
A		В		С		D		E		F		G	Н
DISTRIBUTION PLANT													
362.00 Station Equipment	\$ 1	8,311,085	\$	1,615,288		\$310,113	\$	622,884	\$	149,843	\$	1,150	\$ 19,464,909
364.00 Poles, Towers and Fixtures	3-	4,934,377		1,719,180		35,620		90,650		206,854		(19,550)	36,372,123
365.00 Overhead Conductors and Devices	3	5,008,164		1,478,273		32,072		122,851		117,869		(15,130)	36,262,658
367.00 Underground Conductors and Devices	2	9,739,808		1,800,264		10,712		170,086		27,637			31,353,061
368.00 Line Transformers	1	1,260,520		1,121,815		479,840		516,831		466,016		(2,917)	11,876,411
369.00 Overhead Services	1:	3,322,386		580,414				13,925		58,650			13,830,225
369.10 Underground Services	1:	3,855,822		914,957				32,126		14,000			14,724,653
370.00 Meters		7,781,798		658,466		4,746		533,904		. 2			7,911,103
370.10 Load Management Switches		4,489,887		505,489				145,345					4,850,031
370.20 Interruption Monitors		508,326		129,173									637,499
371.20 Other Private Lighting		1,002,808		171,268		7,425		103,787		7,163			1,070,551
373.00 Street Lighting and Signal Systems	:	2,465,878		248,259		1,593		88,598		3,774			2,623,357
Total Distribution Plant	\$ 17	2,680,858	\$	10,942,847	\$	882,119	\$	2,440,987	\$	1,051,808	\$	(36,447)	\$ 180,976,581
GENERAL PLANT													
390.00 Structures and Improvements	\$ 4	4,610,220	\$	352,689			\$	170,992	\$	7,500	\$	6,253	\$ 4,790,670
390.10 General Office Buildings	:	2,286,040		194,919				4,478				(13,659)	2,462,822
390.20 Fleet Service Center Buildings		477,625		28,534				4,866				213	501,506
390.30 Central Stores Building		1,997,271		93,018				36,146				7,193	2,061,336
391.00 Office Furniture		937,966		97,619				130,428				(20,559)	884,598
391.10 Office Equipment		511,522		101,581				10,686					602,417
391.20 Duplicating Equipment		467,842		68,217				5,533					530,526
391.50 Computer Systems		1,161,372		717,819				343,020					1,536,170
391.60 Computer Related Equipment		609,391		311,380				260,921					659,850
394.00 Tools, Shop and Garage Equipment		1,244,412		230,697				127,946				20,559	1,367,722
394.20 Automated Meter Reading Equipment		221,062		39,296									260,358
396.00 Power Operated Equipment		227,787		19,550				52,217					195,121
397.00 Communication Equipment		269,621		54,129				55,546					268,204
397.10 Radio Telecommunications Equipment		562,520		157,796				124,699					595,616
397.20 Microwave Equipment		1,654,795		234,351				14,130					1,875,016
397.30 Radio Load Control Equipment		145,421		44,590				41,800					148,211
397.40 Communication Equipment - Towers		718,209		59,785									777,995
Total General Plant	\$ 18	8,103,077	\$	2,805,970	\$	-	\$	1,383,409	\$	7,500	\$	_	\$ 19,518,138
TOTAL DEPRECIABLE PLANT	\$ 573	3,277,438	\$	40,611,035	\$	4,836,978	\$	10,290,892	\$	1,664,700	\$	-	\$ 606,769,859

OTTER TAIL POWER COMPANY

Summary of Annual Depreciation Accruals for 2013

		Beginning					Beginning			***************************************			
		Plant	Est. Fu	ture	Net Salvage	[Depreciation		Net	Projection	Remaining	Annual	Accrual
Account Description		Balance	Percent		Amount		Reserve		Balance	Life (Yrs.)	Life (Yrs.)	Accrual	Rate
Α		В	С		D		E		F=B-D-E	G	Н	I=F/H	j=I/B
STEAM PRODUCTION													
311.00 Structures and Improvements	\$	61,837,428	-7.1%	\$	(4,390,457)	\$	46,003,918	\$	20,223,967		16.95	\$ 1,193,154	1.93%
312.00 Boiler Plant Equipment		202,860,000	-7.5%		(15,214,500)		124,514,402		93,560,098		15.51	6,032,244	2.97%
314.00 Turbo Generator Units		60,589,909	-7.9%		(4,786,603)		36,060,473		29,316,039		15.85	1,849,592	3.05%
315.00 Accessory Electric Equipment		23,504,826	-7.2%		(1,692,347)		15,887,998		9,309,175		17.03	546,634	2.33%
316.00 Misc. Power Plant Equipment		5,467,569	7.8%		(426,470)		3,185,079		2,708,960		15.00	 180,597	3.30%
Total Steam Production	\$	354,259,730	-7.5%	\$	(26,510,378)	\$	225,651,869	\$	155,118,240		15.82	\$ 9,802,222	2.77%
HYDRAULIC PRODUCTION													
331.00 Structures and Improvements	\$	351,712		\$	_	\$	176,363	\$	175,349		9.39	\$ 18,674	5.31%
332.00 Reservoirs, Dams and Waterways		3,148,824					1,117,134		2,031,689		9.38	216,598	6.88%
333.00 Water Wheels, Turbines and Gen.		1,057,186					521,937		535,249		9.38	57,063	5.40%
334.00 Accessory Electric Equipment		592,375					327,639		264,736	•	9.38	28,223	4.76%
335.00 Misc. Power Plant Equipment		393,336					37,180		356,155		9.38	37,970	9.65%
Total Hydraulic Production	\$	5,543,432		\$	-	\$	2,180,253	\$	3,363,179		9.38	\$ 358,528	6.47%
OTHER PRODUCTION													
341.00 Structures and Improvements	\$	12,721,530		\$	-	\$	2,851,840	\$	9,869,690		22.33	\$ 441,992	3.47%
342.00 Fuel Holders and Accessories		1,782,049					694,063		1,087,986		19.62	55,453	3.11%
343.00 Prime Movers		31,658,649					14,186,057		17,472,593		20.88	836,810	2.64%
344.00 Generators		240,489,740					38,280,434		202,209,305		21.50	9,405,084	3.91%
345.00 Accessory Electric Equipment		20,011,664					3,771,559		16,240,105		21.45	757,114	3.78%
346.00 Misc. Power Plant Equipment		442,906					163,279		279,627		20.29	13,782	3.11%
Total Other Production	\$	307,106,538		\$	-	\$	59,947,232	\$	247,159,306		21.47	\$ 11,510,235	3.75%
TRANSMISSION PLANT													
353.00 Station Equipment	\$	74,896,201	-5.0%	\$	(3,744,810)	\$	17,890,625	S	60,750,386	60.00	49.09	\$ 1,237,531	1.65%
354.00 Towers and Fixtures	•	4,692,263	-10.0%	•	(469,226)	•	2,425,530	7	2,735,959	70.00	38.90	70,333	1.50%
355.00 Poles and Fixtures		101,637,471	-50.0%		(50,818,735)		41,124,503		111,331,703	65.00	47.58	2,339,884	2.30%
356.00 Overhead Conductors and Devices		77,617,900	-30.0%		(23,285,370)		33,205,849		67,697,421	60.00	42.29	1,600,790	2.06%
358.00 Underground Conductors and Devices		77,461	-5.0%		(3,873)		67,641		13,692	35.00	8.34	1,642	2.12%
Total Transmission Plant	\$	258,921,295	-30.2%	\$	(78,322,015)	\$	94,714,148	\$	242,529,162		46.19	\$ 5,250,180	2.03%

OTTER TAIL POWER COMPANY

Summary of Annual Depreciation Accruals for 2013

	Beginning					Beginning			_			
	Plant	Est. Fut	ure	Net Salvage	[Depreciation		Net	Projection	Remaining	Annual	Accrual
Account Description	Balance	Percent		Amount		Reserve		Balance	Life (Yrs.)	Life (Yrs.)	Accrual	Rate
A	 В	С		D		E		F=B-D-E	G	Н	I=F/H	J=I/B
DISTRIBUTION PLANT												
362.00 Station Equipment	\$ 67,383,703	5.0%	\$	3,369,185	\$	18,311,085	\$	45,703,433	38.00	28.76	\$ 1,589,132	2.36%
364.00 Poles, Towers and Fixtures	64,643,246	-75.0%		(48,482,434)		34,934,377		78,191,304	65.00	46.01	1,699,442	2.63%
365.00 Overhead Conductors and Devices	45,917,036	-100.0%		(45,917,036)		35,008,164		56,825,908	60.00	38.74	1,466,854	3.19%
367.00 Underground Conductors and Devices	63,089,210	-5.0%		(3,154,460)		29,739,808		36,503,862	35.00	20.53	1,778,074	2.82%
368.00 Line Transformers	75,696,778	50.0%		37,848,389		11,260,520		26,587,869	32.00	24.23	1,097,312	1.45%
369.00 Overhead Services	12,101,446	-150.0%		(18,152,168)		13,322,386		16,931,228	50.00	29.33	577,267	4.77%
369.10 Underground Services	35,005,457	-20.0%		(7,001,091)		13,855,822		28,150,726	45.00	31.19	902,556	2.58%
370.00 Meters	22,160,086					7,781,798		14,378,288	32.00	22.00	653,559	2.95%
370.10 Load Management Switches	8,860,392	•				4,489,887		4,370,505	15.00	8.58	509,383	5.75%
370.20 Interruption Monitors*	645,863					508,326		137,537	5.00	1.70	80,904	12.53%
371.20 Other Private Lighting	4,130,401	10.0%		413,040		1,002,808		2,714,553	22.00	16.22	167,358	4.05%
373.00 Street Lighting and Signal Systems	 4,744,947	-5.0%		(237,247)		2,465,878		2,516,316	18.00	10.28	244,778	5.16%
Total Distribution Plant	\$ 404,378,564	-20.1%	\$	(81,313,823)	\$	172,680,858	\$	313,011,529		29.07	\$ 10,766,618	2.66%
GENERAL PLANT												
390.00 Structures and Improvements	\$ 19,227,812	10.0%	\$	1,922,781	\$	4,610,220	\$	12,694,810	50.00	36.38	\$ 348,950	1.81%
390.10 General Office Buildings	5,536,383	-5.0%		(276,819)		2,286,040		3,527,161		18.05	195,411	3.53%
390.20 Fleet Service Center Buildings	815,155	-5.0%		(40,758)		477,625		378,288		13.26	28,528	3.50%
390.30 Central Stores Building	3,904,166	-5.0%		(195,208)		1,997,271		2,102,103		22.75	92,400	2.37%
391.00 Office Furniture*	1,488,916					937,966		550,949	15.00			
391.10 Office Equipment*	1,016,129					511,522		504,606	10.00			
391.20 Duplicating Equipment*	687,242					467,842		219,400	10.00			
391.50 Computer Systems*	3,212,597					1,161,372		2,051,225	5.00			
391.60 Computer Related Equipment*	1,379,920					609,391		770,529	5.00			
394.00 Tools, Shop and Garage Equipment*	3,256,553					1,244,412		2,012,141	15.00			
394.20 Automated Meter Reading Equipment*	589,444					221,062		368,382	15.00			
396.00 Power Operated Equipment	586,118	5.0%		29,306		227,787		329,025	23.00	16.63	19,785	3.38%
397.00 Communication Equipment*	662,089					269,621		392,468	15.00			
397.10 Radio Telecommunications Equipment*	1,355,018					562,520		792,498	10.00			
397.20 Microwave Equipment*	3,422,579					1,654,795		1,767,784	15.00			
397.30 Radio Load Control Equipment*	446,920					145,421		301,500	10.00			
397.40 Communication Equipment - Towers	 1,691,775	5.0%		84,589		718,209	_	888,977	30.00	15.98	55,631	3.29%
Total General Plant	\$ 49,278,816	3.1%	\$	1,523,891	\$	18,103,077	\$	29,651,848		40.03	\$ 740,705	1.50%
TOTAL DEPRECIABLE PLANT	\$ 1,379,488,375	-13.4%	\$	(184,622,325)	\$	573,277,438	\$	990,833,263		25.78	\$ 38,428,488	2.79%

^{*}Amortization Account. (Col. I = Col. B / Col. G)

OTTER TAIL POWER COMPANY 2014 ANNUAL REVIEW OF DEPRECIATION CERTIFICATION PROPOSED REMAINING LIVES & SALVAGE FOR USE IN 2015

<u>Account</u>		Remaining	Net Salvage	Amortization
Number Class of	Utility Plant	Life (Yrs)	<u>(%)</u>	Period (Yrs)
STEAM PRODUCTION				
Big Stone Plant				
311-101 Structures & Imp		31.07	-11.8%	
312-101 Boiler Plant Equi		31.11	-11.8%	
314-101 Turbogenerator l		31.13	-11.8%	
315-101 Accessory Electr		31.09	-11.8%	
316-101 Misc. Power Plan	nt Equipment	31.11	-11.4%	
Hoot Lake Plant				
311-102 Structures & Imp		6.44	-14.1%	
312-102 Boiler Plant Equi		6.45	-14.1%	
314-102 Turbogenerator l		6.44	-14.1%	
315-102 Accessory Electr		6.44	-14.1%	
316-102 Misc. Power Plan	nt Equipment	6.45	-14.1%	
0 (0 0)				
Coyote Station		00.40	0.007	
311-103 Structures & Imp		26.48	-8.6%	
312-103 Boiler Plant Equi		26.49	-8.6%	
314-103 Turbogenerator U		26.52	-8.6%	
315-103 Accessory Electr		26.50	-8.6%	
316-103 Misc. Power Plan	nt Equipment	26.51	-8.3%	
HYDRAULIC PRODUCTIO	 .			
Hoot Lake Hydro		7.40	0.0%	
331-131 Structures & Imp		7.42		
332-131 Reservoirs, Dam		7.43	0.0%	
333-131 Water Wheels, T		7.42	0.0%	
334-131 Accessory Electr		7.43	0.0%	
335-131 Misc. Power Plan	it Equipment	7.43	0.0%	
Wright Hydro Un	it			
331-132 Structures & Imp		7.43	0.0%	
332-132 Reservoirs, Dam		7.43	0.0%	
333-132 Water Wheels, T	•	7.43	0.0%	
334-132 Accessory Electr		7.43	0.0%	
335-132 Misc. Power Plan		7.43	0.0%	
333 132 Misc. I Gwel I lai	it Equipment	7.40	0.070	
Pisgah Hydro Un	iit			
331-133 Structures & Imp		7.42	0.0%	
332-133 Reservoirs, Dam		7.43	0.0%	
333-133 Water Wheels, T		7.43	0.0%	
334-133 Accessory Electr		7.43	0.0%	
335-133 Misc. Power Plan		7.43	0.0%	
ooc 100 Milot. I owel I lai	it Equipment	7.40	0.070	
Dayton Hollow H	vdro Unit			
331-134 Structures & Imp		7.43	0.0%	
332-134 Reservoirs, Dam		7.43	0.0%	
333-134 Water Wheels, T		7.43	0.0%	
334-134 Accessory Electr		7.43	0.0%	
335-134 Misc. Power Plar		7.43	0.0%	
110	ๆ		5.576	

OTTER TAIL POWER COMPANY 2014 ANNUAL REVIEW OF DEPRECIATION CERTIFICATION PROPOSED REMAINING LIVES & SALVAGE FOR USE IN 2015

Account		Remaining	Net Salvage	Amortization
<u>Number</u>	Class of Utility Plant	Life (Yrs)	<u>(%)</u>	Period (Yrs)
	Taplin Gorge Hydro Unit			
	Structures & Improvements	7.42	0.0%	
332-135	Reservoirs, Dams & Waterways	7.43	0.0%	
333-135	Water Wheels, Turbines & Gen.	7.41	0.0%	
334-135	Accessory Electric Equipment	7.43	0.0%	
335-135	Misc. Power Plant Equipment	7.43	0.0%	
	Bemidji Hydro Unit			
	Structures & Improvements	7.43	0.0%	
	Reservoirs, Dams & Waterways	7.43	0.0%	
	Water Wheels, Turbines & Gen.	7.43	0.0%	
	Accessory Electric Equipment	7.42	0.0%	
335-138	Misc. Power Plant Equipment	7.43	0.0%	
OTHER F	PRODUCTION			
	Jamestown Unit 1			
	Structures & Improvements	9.38	-1.4%	
	Fuel Holders & Accessories	9.39	-1.4%	
	Prime Movers	9.38	-1.4%	
	Accessory Electric Equipment	9.38	-1.4%	
346-140	Misc. Power Plant Equipment	9.39	-1.4%	
	lana antaum Hait O			
044 440	Jamestown Unit 2	0.00	4 40/	
	Structures & Improvements	9.39	-1.4%	
-	Fuel Holders & Accessories	9.38	-1.4%	
	Prime Movers	9.38	-1.4%	
	Accessory Electric Equipment	9.39	-1.4%	
340-142	Misc. Power Plant Equipment	9.38	-1.4%	
	Lake Preston			
341-141	Structures & Improvements	9.38	-2.4%	
	Fuel Holders & Accessories	9.38	-2.4%	
-	Prime Movers	9.38	-2.4%	
	Accessory Electric Equipment	9.38	-2.4%	
	Misc. Power Plant Equipment	9.38	-2.4%	
0.0	mice. I ewer I lank Equipment	0.00	2.170	
	Fergus Falls Control Center			
343-143	Prime Movers	16.14	0.0%	
	Solway Combustion Turbine Plant			
341-144	Structures & Improvements	23.73	-0.4%	
342-144	Fuel Holders & Accessories	23.73	-0.4%	
343-144	Prime Movers	23.73	-0.4%	
345-144	Accessory Electric Equipment	23.73	-0.4%	
346-144	Misc. Power Plant Equipment	23.73	-0.4%	
044 : 5 =	Langdon Wind Energy Center	40.5-	4	
	Structures & Improvements	18.07	-1.5%	
	Generators	18.07	-1.5%	
	Accessory Electric Equipment	18.07	-1.5%	
346-160	Misc. Power Plant Equipment	18.07	-1.5%	

OTTER TAIL POWER COMPANY 2014 ANNUAL REVIEW OF DEPRECIATION CERTIFICATION PROPOSED REMAINING LIVES & SALVAGE FOR USE IN 2015

Account Number		Remaining		Amortization
Number	Class of Utility Plant Ashtabula Wind Energy Center	Life (Yrs)	<u>(%)</u>	Period (Yrs)
044 464	Structures & Improvements	19.02	-1.2%	
	Generators	19.02	-1.2% -1.2%	
-	Accessory Electric Equipment			
		19.02	-1.2%	
340-101	Misc. Power Plant Equipment	19.02	-1.2%	
	Luverne Wind Energy Center			
	Structures & Improvements	19.97	-2.0%	
	Generators	19.97	-2.0%	
	Accessory Electric Equipment	19.97	-2.0%	
346-162	Misc. Power Plant Equipment	19.97	-2.0%	
TDANCM	USSION			
TRANSN 353		52.96	-5.0%	
353 354	Station Equipment Towers & Fixtures	55.88		
	Poles & Fixtures		-10.0%	
355 356	Overhead Conductor & Devices	53.85 53.33	-50.0%	
358		10.33	-30.0% -5.0%	
330	Underground Conductor & Devices	10.33	-5.0%	
DISTRIB	UTION			
362	Station Equipment	32.24	5.0%	
364	Poles, Towers & Fixtures	48.37	-75.0%	
365	Overhead Conductor & Devices	44.11	-100.0%	
367	Underground Conductor & Devices	24.63	-5.0%	
368	Line Transformers	28.20	50.0%	
369	Overhead Services	32.98	-150.0%	
369.1	Underground Services	30.51	-20.0%	
370	Meters	20.69	0.0%	
370.1	Load Management Switches	3.56	0.0%	
370.20	Interruption Monitors			5
371.20	Other Private Lighting	17.10	10.0%	
373	Street Lighting & Signal System	15.24	-5.0%	
GENERA	AL PLANT			
	Depreciable			
390	Structures & Improvements	31.71	10.0%	
390.1	General Office Buildings	16.14	51.5%	
390.2	Fleet Service Center Buildings	11.32	38.6%	
390.3	Central Stores Building	20.87	93.8%	
396	Power Operated Equipment	17.03	20.0%	
397.4	Communication Towers	25.69	5.0%	
204	Amortizable			45
391	Office Furniture			15
391.1	Office Equipment			10
391.2	Duplicating Equipment			10
391.5	Computer Systems			5
391.6	Computer Related Equipment			5 15
393	Stores Equipment			15 15
394	Tools, Shop & Garage Equipment			15 15
394.2	Automated Meter Reading Equip.			15
395	Laboratory Equipment			15 15
397	Communication Equipment			15
397.1	Radio Telecom Equipment			10
397.2	Microwave Equipment			15
397.3	Radio Load Control Equipment			10

Source is Statement A from Foster Report

OTTER TAIL POWER COMPANY ANNUAL REVIEW OF DEPRECIATION CERTIFICATION Supplemental Comments

Future Additions and Retirements

As indicated in the 2014 Annual Depreciation Study (Attachment 1):

"Minnesota State Agency Rules 7825.0700, Subpart 2-B provides that each utility shall disclose a list of any major future additions or retirements to the plant accounts that the utility believes may have a material effect on the current certification results." (See page 4 of the Study).

Otter Tail's involvement in the Big Stone Plant's ("BSP") Air Quality Control System ("AQCS"), which is planned to go into service in 2015, does impact this filing because the effective date for the new depreciation parameters are also effective for 2015. Otter Tail and the other owners of the Big Stone Plant are in the process of constructing an AQCS for the Plant. The AQCS project is required to comply with the Environmental Protection Agency ("EPA") Regional Haze Rules and it has received an Advance Determination of Prudence from the Commission in Docket No. E017/M-10-1082. The Big Stone Plant is subject to the Regional Haze Rule, which was promulgated by the EPA to protect the visibility in 156 designated national parks and wilderness areas. The rule requires states to identify sources within their state that might adversely affect visibility in the designated areas and to require installation of Best Available Retrofit Technology ("BART") that would reduce the visibility impact. Otter Tail submitted a BART study to the South Dakota Department of Environment and Natural Resources ("SDDENR") that identified the need for installation of technology to reduce sulfur dioxide ("SO2") and oxides of nitrogen ("NOx") emissions at Big Stone Plant. The SDDENR has adopted a Regional Haze State Implementation Plan, which includes Regional Haze Rules that requires installation of both a flue gas desulfurization system for sulfur dioxide emissions control and a selective catalytic reduction system at Big Stone Plant. The control technologies must be installed and operating as expeditiously as possible but no later than five years following EPA approval of the South Dakota State Implementation Plan, which was approved on April 26, 2012. The Big Stone Plant entered the construction phase of the AQCS in 2013 and expects the \$384.2 million project (\$207.1 million OTP share) to be completed in late 2015.

With respect to retirements, Otter Tail is unaware of any major future retirements that would materially affect this filing's certification results.

In addition to discussing future additions or retirements affecting the current certification results, it is the Company's practice to also discuss future additions and retirements and potential future additions and retirements that may have an effect on *future* depreciation expense or *future* certification results. Otter Tail's 2013 five-year depreciation filing provided some discussion of these projects and we provide below additional updates on current projects or ones being considered.

Otter Tail continues to invest in the CapX 2020 transmission line build out initiative currently taking place primarily in Minnesota. Two CapX 2020 project segments went into service in 2012, the Bemidji – Grand Rapids 230 kV project and a portion of the Fargo – Monticello 345

OTTER TAIL POWER COMPANY ANNUAL REVIEW OF DEPRECIATION CERTIFICATION Supplemental Comments

kV project commonly referred to as Fargo Phase 1. Fargo Phase 1 includes the line segments from the Monticello sub to the St. Cloud quarry sub. No CapX2020 project segments were placed into service in 2013. During 2014, however, Fargo Phase II (St. Cloud Quarry sub to Alexandria sub) and the Helena sub to Lyon County sub portion of the Brookings to Twin Cities CapX 2020 transmission segments were placed into service. Other line segments are expected to be placed into service in 2015 including Fargo phase III (Alexandria Sub to the MN/ND border and the remaining Brookings to South Twin Cities line segments.

On January 31, 2013 the Minnesota Public Utilities Commission ("MPUC") held a hearing to review the Hoot Lake Plant Base Load Diversification study, and on March 25, 2013 the MPUC issued an order in Docket No. E017/RP-10-623 approving Otter Tail's proposal to retrofit the plant to comply with EPA's Mercury and Air Toxics Standards ("MATS"). As a result, Otter Tail is currently investing in the Hoot Lake Plant Mercury and Air Toxics Standards project. This \$8.0 million project will allow the plant to remain operational by meeting the EPA MATS through the plant's planned retirement at the end of 2020. The main components of the project consist of upgrades to Hoot Lake Plant's electrostatic precipitators to reduce particulate emissions and the installation of an activated carbon injection system to reduce mercury emissions. This project is planned to go into service later in 2014. While the additional approximate \$1.3 million of annual depreciation expense resulting from this project is not reflected in this filing because it was not part of the Plant in Service balance at the end of 2013, the effect of this depreciation expense increase will be reflected in rates developed for next year's (2015) depreciation filing.

Otter Tail is actively participating in the development of 345 kV transmission projects in the Big Stone area. We are working closely with MISO and area utilities on these projects, which are part of MISO's Multi-Value Project ("MVP") portfolio. Two 345 kV projects in the Big Stone area have been identified and are being developed; Big Stone South – Brookings and Big Stone South – Ellendale. These projects are eligible for regional cost sharing under MISO's FERC-approved MVP cost allocation methodology. These projects are in the development and permitting stages.

OTTER TAIL POWER COMPANY 2014 ANNUAL REVIEW OF DEPRECIATION CERTIFICATION

Comparison of Resource Plan to Annual Depreciation Filing

		Retirement Dates		
Generating Unit	Resource Plan 2014 - 2028, (prior to capacity expansion analysis)	2014 Depreciation Study (Attachment No. 1)	Difference	Comments
BASE LOAD				
➤ Hoot Lake Plant Units 2 & 3	Dec-2020	Jun-2020	None, other than program assumption differences	The IRP adopts December of the year of retirement as its retirement month. The Depreciation Study adopts a mid-year convention where all assets are assumed to be acquired and retired on June 30th of their respective activity years, whether that activity is a plant addition or plant retirement.
➤ Big Stone Plant	Dec-2046	Jun-2046	None, other than program assumption differences	The IRP adopts December of the year of retirement as its retirement month. The Depreciation Study adopts a mid-year convention where all assets are assumed to be acquired and retired on June 30th of their respective activity years, whether that activity is a plant addition or plant retirement. The prior resource plan selected a conversion alternative (addition of Air Quality Control System ("AQCS")) of this resource in 2016 which created a new retirement date of 2046 for this resource. This AQCS project affects the retirement of this plant as reflected in the IRP and the 2014 Annual Technical Update filings.
> Coyote Station	Dec-2041	Jun-2041	None, other than program assumption differences	The IRP adopts December of the year of retirement as its retirement month. The Depreciation Study adopts a mid-year convention where all assets are assumed to be acquired and retired on June 30th of their respective activity years, whether that activity is a plant addition or plant retirement.
WIND				
➤ Langdon Wind Energy Center	Dec-2032	Jun-2032	None, other than program assumption differences	The IRP adopts December of the year of retirement as its retirement month. The Depreciation Study adopts a mid-year convention where all assets are assumed to be acquired and retired on June 30th of their respective activity years, whether that activity is a plant addition or plant retirement.
➤ Ashtabula Wind Energy Center	Dec-2033	Jun-2033	None, other than program assumption differences	The IRP adopts December of the year of retirement as its retirement month. The Depreciation Study adopts a mid-year convention where all assets are assumed to be acquired and retired on June 30th of their respective activity years, whether that activity is a plant addition or plant retirement.
➤ Luverne Wind Energy Center	Dec-2034	Jun-2034	None, other than program assumption differences	The IRP adopts December of the year of retirement as its retirement month. The Depreciation Study adopts a mid-year convention where all assets are assumed to be acquired and retired on June 30th of their respective activity years, whether that activity is a plant addition or plant retirement.
HYDRO				
➤ 6 units in 5 dams on the Otter Tail River, FERC licensed	No retirement date discussed - IRP assumes operating perpetually	Jun-2021	Program assumption differences	IRP assumes permanent hydro dam structures operate perpetually until a final retirement date is established. Depreciation Studies tie retirement date to end of the current active FERC hydro operating license. This is the latest date these facilities can operate as generation resources unless a license renewal is granted pursuant to the satisfaction of its stated conditions.
➤ 2 units on outlet of Lake Bemidji – not subject to FERC jurisdiction	No retirement date discussed - IRP assumes operating perpetually	Jun-2021	Program assumption differences	IRP assumes permanent hydro dam structures operate perpetually until a final retirement date is established. Depreciation Studies tie retirement date to end of current hydro license for other hydro structures which are of a similar vintage.
PEAKING				
➤ Jamestown Combustion Turbines - 2 units	Dec-2029	Jun-2023	6 years	The IRP assumes operation of this low cost resources through the entire resource plan time frame. The Depreciation filing makes annual assessments on the condition of the facility and if it passes the assessment, it extends the plant life an additional year per policy to maintain a 10 year minimum operating window until unit is no longer prudent to operate. The 2014 assessment reveled a one year extension this year was not warranted.
Lake Preston Combustion Turbine	Dec-2029	Jun-2023	6 years	The IRP assumes operation of this low cost resources through the entire resource plan time frame. The Depreciation filing makes annual assessments on the condition of the facility and if it passes the assessment, it extends the plant life an additional year per policy to maintain a 10 year minimum operating window until unit is no longer prudent to operate. The 2014 assessment reveled a one year extension this year was not warranted.
➤ Solway Combustion Turbine	Dec-2038	Jun-2038	None, other than program assumption differences	The IRP adopts December of the year of retirement as its retirement month. The Depreciation Study adopts a mid-year convention where all assets are assumed to be acquired and retired on June 30th of their respective activity years, whether that activity is a plant addition or plant retirement.
> Fergus Control Center Diesel	No retirement date discussed - beyond study period	Jun-2030	Program assumption differences	IRP assumes retirement is outside of resource plan study period. Depreciation study accounts for assets functionality as control center black start and back up strategic functionality. Unit classified as an Emergency Generator as defined by EPA Rice rules.

Note:

The Company's current working version of the Resource Plan (RP) was filed on December 1, 2013 rather than the normal July 1st sequence which is customarily reconciled to for Depreciation Study purposes. This RP is for a 15-year analysis covering the 2014-2028 time frame coinciding with this Five-year depreciation study. The near-term is intended to be very specific with regard to resource changes, additions, retirements, etc. The long-term is much more uncertain and identifies resources that a utility is likely to use. The depreciation study is intended to be an exact forecast to be used for appropriate depreciation expense allocation over the plants remaining life. The RP is far less exact in the long-term, so, there is a natural potential difference between the purpose of the two fillings.

CERTIFICATE OF SERVICE

RE: In the Matter of Otter Tail Power Company's Request for Approval of its 2014 Annual Review of Depreciation Certification Docket No. E017/D-14-___

I, Jana Emery, hereby certify that I have this day served a copy of the following, or a summary thereof, on Dr. Burl W. Haar and Sharon Ferguson by e-filing, and to all other persons on the attached service list by electronic service or by First Class mail.

Otter Tail Power Company Compliance Filing

Dated this 29th day of August 2014.

/s/ JANA EMERY

Jana Emery Regulatory Filing Coordinator Otter Tail Power Company 215 South Cascade Street Fergus Falls MN 56537 (218) 739-8879

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