

September 14, 2016

Mr. Daniel P. Wolf Executive Secretary Minnesota Public Utilities Commission 121 7th Place East, Suite 350 St. Paul, MN 55101-2147

RE: In the Matter of Otter Tail Power Company's Petition for Approval of its 2016 Annual Review of Depreciation Certification Docket No. E017/D-16-729 Errata

Dear Mr. Wolf:

Otter Tail Power Company ("Otter Tail") hereby submits its errata to its 2016 Annual Review of Depreciation Certification in the above entitled docket.

An error was found on page two of Attachment 1 (2016 Technical Update) of Otter Tail's September 1, 2016 Initial Filing. The corrected page is included with this filing as Attachment 1. As a courtesy, the corrected report in its entirety is also included as Attachment 2.

Otter Tail has electronically filed this document with the Commission in compliance with Minn. R. 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 Senior Depreciation Accountant

nlo Enclosures By electronic filing c: Service List An Equal Opportunity Employer



nical 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 future studies and technical updates.

UPDATED DEPRECIATION RATES

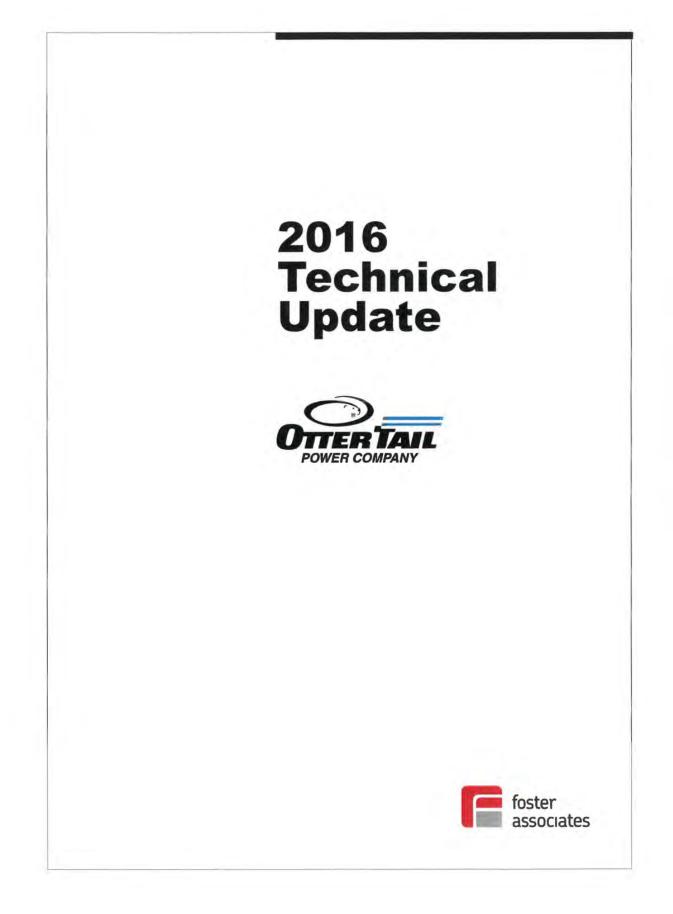
Table 1 provides a summary of the changes in annual rates and accruals resulting from the 2016 Technical Update. Rates updated for each primary account (with the exception of amortization accounts) have been developed including authorized allowances for net salvage.

		Accrual Ra	te	2016	Annualized Acc	crual
Function	Current	Updated	Difference	Current	Updated	Difference
A	В	C	D=C+B	E	F	G=F-E
Production		10 M 10 M	0.000	10 11 1 1 a and	a second	
Steam	2.14%	2.94%	0.80%	\$ 11,847,476	\$ 16,314,315	\$ 4,466,839
Hydraulic	8.46%	8.66%	0.20%	595,098	609,377	14,279
Other	4.14%	4.16%	0.02%	12,803,834	12,861,053	57,219
Transmission	1.69%	1.71%	0.02%	6,451,080	6,511,672	60,592
Distribution	2.49%	2.50%	0.01%	11,237,506	11,241,540	4,034
General Plant	3.95%	3.94%	-0.01%	2,128,793	2,126,525	(2,268)
Total Utility	2.57%	2.83%	0,26%	\$ 45,063,787	\$49,664,482	\$4,600,695

Table 1. Current and Updated Rates and Accruals

Adjustments developed in the technical update produce a composite depreciation rate of 2.83 percent. Depreciation expense is currently accrued at an equivalent rate of 2.57 percent. The updated change in the composite depreciation rate is, therefore, an increase of 0.26 percentage points.

A continued application of rates derived from currently approved parameters would produce annual depreciation expense of \$45,063,787 compared with an annual expense of \$49,664,482 using the rates developed in the update. The increase of \$4,600,695 is largely attributable to adjustments to the estimated cost to dismantle Big Stone. Changes in the mix of plant investments among primary accounts and changes in the age distributions of surviving plant also contribute to the increase in accruals. The increase would be \$3,790,695 if the Company was permitted to rebalance depreciation reserves. The portion of the \$4,600,695 increase allocated to the Minnesota jurisdiction is \$2,375,771.



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August 2016

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EXECUTIVE SUMMARY

INTRODUCTION

This report presents the findings and recommendations developed in a 2016 Technical Update of depreciation rates for Otter Tail Power Company prepared by Foster Associates Consultants, LLC. 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, 2015 were used in the 2016 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 updated annual depreciation rates for each rate category. Statement B provides a comparison of current and updated 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 updated parameters and statistics including projection life, projection curve, average service life, average remaining life, and average and future net salvage rates.

SCOPE OF UPDATE

The principal activities undertaken in the course of conducting the 2016 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-15-804 (Order Dated January 7, 2016). Depreciation accruals and reserve activity recorded in 2015 were posted to December 31, 2014 reserves to obtain appropriate reserve ratios for the 2016 Tech-

nical 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 future studies and technical updates.

UPDATED DEPRECIATION RATES

Table 1 provides a summary of the changes in annual rates and accruals resulting from the 2016 Technical Update. Rates updated for each primary account (with the exception of amortization accounts) have been developed including authorized allowances for net salvage.

		Accrual Ra	te	2016	Annualized Acc	crual
Function	Current	Updated	Difference	Current	Updated	Difference
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Production Steam	2.14%	2.94%	0.80%	\$ 11,847,476	\$ 16,314,315	\$ 4,466,839
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A continued application of rates derived from currently approved parameters would produce annual depreciation expense of \$45,063,787 compared with an annual expense of \$49,664,482 using the rates developed in the update. The increase of \$4,600,695 is largely attributable to adjustments to the estimated cost to dismantle Big Stone. Changes in the mix of plant investments among primary accounts and changes in the age distributions of surviving plant also contribute to the increase in accruals. The increase would be \$3,790,695 if the Company was permitted to rebalance depreciation reserves. The portion of the \$4,600,695 increase allocated to the Minnesota jurisdiction is \$2,375,771.

STATEMENTS

INTRODUCTION

This section provides a comparative summary of depreciation rates, annual depreciation accruals, recorded and computed depreciation reserves, and current and updated 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 updated annual depreciation rates for calendar year 2016 using the straight-line method, vintage group procedure, remaining-life technique.
- Statement B provides a comparison of the current and updated annualized depreciation accruals for calendar year 2016 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 updated parameters including projection life, projection curve and future net salvage rates. The statement also contains current and updated 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, updated depreciation accruals shown on Statement B are the product of the plant investment and updated depreciation rates (Column H) shown on Statement A. Remaining life accrual rates are given by:

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

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 2015: 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 Updated Accrual Rates Current: VG Procedure / RL Technique Updated: VG Procedure / RL Technique

			Current		_		odated	
		Rem.	Fut. Net	Accrual	Rem.	Fut. Net	Reserve	Accrua
	Account Description	Life	Salvage	Rate	Life	Salvage	Ratio	Rate
TOOMET	A	B	c	D	E	F	G	н
STEAM	PRODUCTION							
311.00	Structures and Improvements	24.22	-10.2%	1.15%	27.20	-7.0%	38.76%	2.50
312.00	Boiler Plant Equipment	18.11	-10.6%	2.39%	22.18	-7.5%	35.46%	3.32
312.10	Boiler Plant Equipment - Ash Ponds	18.11	-10.6%	7.69%	33.91		33.40%	1.96
314.00	Turbogenerator Units	22.00	-10.8%	2.38%	21.20	-8.0%	61.75%	2.33
315.00	Accessory Electric Equipment	23.31	-10.3%	1.66%	25.49	-7.3%	46.25%	2.40
	Miscellaneous Power Plant Equipment	19.58	-10.5%	2.75%	18.80	-7.6%	52.68%	3.11
	al Steam Production Plant			2.14%	23.36	-7.3%	40.18%	2.94
HYDRA	ULIC PRODUCTION							
331.00	Structures and Improvements	6.45		6.08%	5.46		66.03%	6.22
332.00	Reservoirs, Dams and Waterways	6.45		9.72%	5.46		45.63%	9.96
	Water Wheels, Turbines & Generators	6.45		5.53%	5.46		69.13%	5.65
	Accessory Electric Equipment	6.45		5.46%	5.46		69.56%	5.58
	Miscellaneous Power Plant Equipment	6.45		11.26%	5.46		37.17%	11.51
	al Hydraulic Production Plant			8.46%	5.46		52.72%	8.66
OTHER	PRODUCTION							
	Structures and Improvements	18.94	-1.2%	3.81%	17.99	-1.1%	32.63%	3.82
342.00	Fuel Holders and Accessories	14.94	-1.0%	3.84%	13.97	-1.0%	48.02%	3.86
343.00		18.49	-0.8%	2.71%	17.57	-0.8%	50,70%	2.74
344.00	1 THE STATES	18.05	-1.5%	4.34%	17.09	-1.5%	26.96%	4.36
	Accessory Electric Equipment	17.97	-1.5%	4.20%	17.00	-1.4%	29.72%	4.22
	Miscellaneous Power Plant Equipment	18.23	-1.0%	4.06%	16.04	-1.0%	31.13%	4.32
	al Other Production Plant	10.20	-1,070	4.14%	17.14	-1.4%	29.96%	4.16
TRANS	MISSION PLANT							
	Station Equipment	52.75	-5.0%	1.55%	53.06	-5.0%	22.31%	1.56
	Towers and Fixtures	65.48	-10.0%	1.57%	66.45	-10.0%	5.41%	1.57
	Poles and Fixtures	53.90	-50.0%	1.94%	54.30	-50.0%	43.53%	1.96
	Overhead Conductors and Devices	54.34	-30.0%	1.66%	55.22	-30.0%	36.67%	1.69
358.00		9.83	-5.0%	1.44%	9.36	-5.0%	92.24%	1.36
	al Transmission Plant	9.00	-5.070	1.69%	56.93	-25.5%	28.34%	1.71
	BUTION PLANT			10.010				
	Station Equipment	32.19	5.0%	2.10%	32.11	5.0%	26.91%	2.12
	Poles, Towers and Fixtures	47.99	-75.0%	2.49%	47.61	-75.0%	56.46%	2.49
	Overhead Conductors and Devices	43.86	-100.0%	2.79%	43.53	-100.0%	78.26%	2.80
マスモモアノビー	Underground Conductors and Devices	24.61	-5.0%	2.34%	24.39	-5.0%	47.52%	2.36
	Line Transformers	28.29	50.0%	1.24%	28.21	50.0%	14.81%	1.25
2.4.232.212	Overhead Services	32.68	-150.0%	4.20%	32.19	-150.0%	113.98%	4.23
	Underground Services	30.25	-150.0%	2.61%	29.99	-150.0%	41.74%	2.61
		20.68	-20.0%	100 C 10	29.99	-20.0%	33.80%	3.20
	Meters			3.17%				
	Load Management Switches	2.79	lans Ares T	12.32%	2.12	EV-	75.20%	11.70
	Interruption Monitors		fear Amorti				Amortization	
371.20	Other Private Lighting	16.90	10.0%	3.87%	16.83	10.0%	24.34%	3.90
373.00	Street Lighting and Signal Systems	15.11	-5.0%	3.37%	15.03	-5.0%	53.82%	3.41

Statement A

OTTER TAIL POWER COMPANY

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

		-	Current	h			dated	
		Rem.	Fut. Net	Accrual	Rem.	Fut. Net	Reserve	Accrua
	Account Description	Life	Salvage	Rate	Life	Salvage	Ratio	Rate
-	A	В	C	D	E	F	G	н
	AL PLANT							
Dep	preciable							
390.00	Structures and Improvements	31.17	10.0%	2.07%	30.54	10.0%	27.33%	2.05
390.10	General Office Buildings	15.18	49.7%	0.52%	14.22	49.6%	42.82%	0.53
390.20	Fleet Service Center Building	10.36	33.8%	1.31%	9.38	33.6%	52.60%	1.47
390.30	Central Stores Building	19.93	92.7%	-2.10%	18.98	92.6%	46.99%	-2.09
396.00	Power Operated Equipment	17.28	20.0%	2.72%	16.89	20.0%	35.76%	2.62
397.40	Communication Towers	24.87	5.0%	2.07%	24.13	5.0%	45.24%	2.06
Tot	al Depreciable			1.28%	23.94	27.6%	34.33%	1.27
Am	ortizable							
	Office Furniture	- 15	Year Amorti	zation -		- 15 Year	Amortization	
91.10	Office Equipment		Year Amorti				Amortization	
391.20	Duplicating Equipment		Year Amorti				Amortization	
391.50	Computer Systems		Year Amorti				Amortization	
391.60	Computer Related Equipment		Year Amorti				Amortization	
394.00	Tools, Shop and Garage Equipment		Year Amorti			e rourr	Amortization	
	Automated Meter Reading Equipment		Year Amorti			1.1.1.2.1.1.2.2.2.1.1	Amortization	
397.00			Year Amorti	and the second s			Amortization	
397.10	Radio Telecommunication Equipment		Year Amorti				Amortization	
397.20	Microwave Equipment		Year Amorti				Amortization	
397.30							10.1	
	Radio Load Control Equipment al Amortizable	<u>← 10</u>	Year Amorti	Zation → 8.11%	4.34	- Tu rear	Amortization 53.66%	8.11
1.223				122.13		10.001		
	al General Plant			3.95%	9.09	16.8%	41.87%	3,94
TO	TAL UTILITY			2.57%	25.60	-12.3%	36.72%	2.83
STEAM	PRODUCTION							
Big Sto	ne							
311.00	Structures and Improvements	30.15	-11.8%	0.89%	29.32	-6.0%	21.79%	2.87
312.00	Boiler Plant Equipment	30.19	-11.8%	1.66%	29.32	-6.0%	13.18%	3.17
312.10	Boiler Plant Equipment - Ash Ponds	400400						
314.00	Turbogenerator Units	30.21	-11.8%	1.68%	29.29	-6.0%	58.30%	1.63
315.00	Accessory Electric Equipment	30.17	-11.8%	1.34%	29.31	-6.0%	29.74%	2.60
316.00		30.19	-11.4%	1.70%	29.29	-5.6%	48.27%	1.96
Tot	al Big Stone			1.44%	29.32	-6.0%	21.05%	2.90
	ake Units 2 and 3							
311.00		6.44	-12.7%	2.77%	5.46	-12.2%	97.76%	2.64
312.00		6.45	-12.7%	7.69%	5.46	-12.2%	68.76%	7.96
312.10	Boiler Plant Equipment - Ash Ponds	6.45	-12.7%	7.69%	33.91		33.40%	1.96
314.00	Turbogenerator Units	6.44	-12.7%	4.48%	5.46	-12.2%	88.55%	4.33
315.00	Accessory Electric Equipment	6.44	-12.7%	3.91%	5.46	-12.2%	91.62%	3.77
316.00		6.45	-12.6%	6.32%	5.46	-12.1%	71.92%	7.36
Tot	al Hoot Lake Units 2 and 3			6.51%	6.88	-10.9%	72.13%	6.04
Coyote								
11.00	Structures and Improvements	25.55	-8.6%	1.51%	24.62	-8.5%	71.17%	1.52
12.00	Boiler Plant Equipment	25.56	-8.6%	1.67%	24.63	-8.5%	66.28%	1.71
12.10	Boiler Plant Equipment - Ash Ponds						The Paralysis	
314.00	Turbogenerator Units	25.59	-8.6%	2.25%	24.65	-8.5%	53.12%	2.25
15.00	Accessory Electric Equipment	25.56	-8.6%	1.72%	24.63	-8.5%	66.30%	1.71
316.00	Miscellaneous Power Plant Equipment	25.58	-8.3%	2.31%	24.65	-8.2%	48.32%	2.43
	al Coyote			1.73%	24.63	-8.5%	65.13%	1.76

Comparison of Current and Updated Accrual Rates

Current: VG Procedure / RL Technique Updated: VG Procedure / RL Technique

Current Updated Rem. Fut. Net Accrual Rem. Fut, Net Reserve Accrual Life Life Ratio Rate Account Description Salvage Rate Salvage D G HYDRAULIC PRODUCTION Hoot Lake 6.44 0.27% 98 48% 0.28% 331.00 Structures and Improvements 5.46 332.00 Reservoirs, Dams and Waterways 6.44 2.43% 86.43% 2.49% 5.46 333.00 Water Wheels, Turbines & Generators 6 44 1.66% 5 46 90.78% 1.69% 334.00 Accessory Electric Equipment 6.44 2.28% 5.46 87.31% 2.32% 335.00 Miscellaneous Power Plant Equipment 6.45 12.91% 5.46 27.94% 13.20% **Total Hoot Lake** 83.66% 3.00% 2 93% 5.46 Wright 331.00 Structures and Improvements 6.44 3.44% 5.46 80 85% 3 51% Reservoirs, Dams and Waterways 11.60% 35.13% 11.88% 332.00 6.45 5.46 4.40% 75.99% 333.00 Water Wheels, Turbines & Generators 6.45 4.30% 546 334.00 Accessory Electric Equipment 6.45 5.90% 5.46 67.06% 6.03% 335.00 Miscellaneous Power Plant Equipment 47.88% 9.55% 6.45 9.34% 5.46 **Total Wright** 8.48% 5.46 52.63% 8.68% Pisgah 2.80% 331.00 Structures and Improvements 6.44 2.74% 5.46 84.73% 332.00 Reservoirs, Dams and Waterways 6.45 8.87% 5.46 50.47% 9.07% 333.00 Water Wheels, Turbines & Generators 7.63% 5 46 57 42% 7.80% 6 45 334.00 Accessory Electric Equipment 6.45 6.54% 5.46 63.52% 6.68% 335.00 Miscellaneous Power Plant Equipment 13.56% 5.46 24.32% 13.86% 6.45 52.14% 8.76% **Total Pisgah** 8.57% 5 46 **Dayton Hollow** 12.26% 6.45 11.99% 33.06% 331.00 Structures and Improvements 5.46 6.45 11.72% 34.57% 11.98% 332.00 Reservoirs, Dams and Waterways 5.46 333.00 Water Wheels, Turbines & Generators 6.45 7 52% 5.46 58.05% 7.68% 334.00 Accessory Electric Equipment 6.45 5.24% 5.46 70.77% 5.35% 335.00 Miscellaneous Power Plant Equipment 12.50% 30.25% 12.77% 6.45 5 46 **Total Dayton Hollow** 10.57% 5.46 41.00% 10.80% **Taplin Gorge** 331.00 Structures and Improvements 6.44 1.04% 5.45 94.18% 1.07% 6.45 7.12% 60.28% 7.27% 332.00 Reservoirs, Dams and Waterways 5.46 0.92% 333.00 Water Wheels, Turbines & Generators 6 44 0.90% 5.45 94,96% 334.00 Accessory Electric Equipment 6.45 4.58% 5.46 74.45% 4.68% 335.00 Miscellaneous Power Plant Equipment 9.89% 5.46 44.79% 10.11% 6.45 **Total Taplin Gorge** 6.91% 5.46 61.44% 7.06% Bemidji 6.45 8.96% 49.96% 9.16% 331.00 Structures and Improvements 5.46 46.66% 9.77% 332.00 Reservoirs, Dams and Waterways 6.45 9.45% 5.46 333.00 Water Wheels, Turbines & Generators 62.93% 6.79% 6 45 6 64% 5.46 334.00 Accessory Electric Equipment 6.44 6.63% 5.45 63.05% 6.78% 335.00 Miscellaneous Power Plant Equipment 6.45 11.09% 5.46 38.10% 11.34% Total Bemidji 8.69% 5.46 51.12% 8.95%

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

		- Chinese	Current				odated	
		Rem.	Fut. Net	Accrual	Rem.	Fut. Net	Reserve	Accrual
	Account Description	Life	Salvage	Rate	Life	Salvage	Ratio	Rate
	A	8	C	D	E	F	G	н
OTHER	PRODUCTION							
Jamest	town							
341.00	Structures and Improvements	8.41	-1.4%	3.98%	7.43	-1.4%	71.51%	4.039
342.00	Fuel Holders and Accessories	8.41	-1.4%	6.30%	7.43	-1.4%	54.09%	6.379
343.00	Prime Movers	8.40	-1.4%	2.20%	7.42	-1.4%	84.85%	2.239
344.00	Generators							
345.00	Accessory Electric Equipment	8.41	-1.4%	4.36%	7.43	-1.4%	59.76%	5.60%
346.00		8.41	-1.4%	6.04%	7.43	-1.4%	42.93%	7.879
Tot	al Jamestown			2.61%	7.43	-1.4%	81.42%	2.69%
Jamest	own Unit 1							
341.00	Structures and Improvements	8.41	-1.4%	3.73%	7.43	-1.4%	73.35%	3.78%
342.00	Fuel Holders and Accessories	8.41	-1.4%	6.66%	7.43	-1.4%	51.39%	6.739
343.00		8.40	-1.4%	2.55%	7.43	-1.4%	82.23%	2.58%
344.00		0.10		2.0070	1.70	1.1.4		
345.00		8.40	-1.4%	3.59%	7.42	-1.4%	74.43%	3.63%
346.00		8.41	-1.4%	6.19%	7.43	-1.4%	39.35%	8.35%
	al Jamestown Unit 1			3.18%	7.43	-1.4%	77.16%	3.26%
Jamest	own Unit 2							
341.00	Structures and Improvements	8.41	-1.4%	6.75%	7.43	-1.4%	50.70%	6.82%
342.00	Fuel Holders and Accessories	8.40	-1.4%	2.59%	7.42	-1.4%	81,93%	2.629
343.00	Prime Movers	8.40	-1.4%	1.94%	7.42	-1.4%	86.84%	1.96%
344.00	Generators		210.04		10.00	10.10		1.26.
345.00	Accessory Electric Equipment	8.41	-1.4%	6.12%	7.43	-1.4%	28.22%	9.85%
346.00	Miscellaneous Power Plant Equipment	8.40	-1.4%	5.08%	7.42	-1.4%	106.97%	-0.75%
	al Jamestown Unit 2			2.06%	7.42	-1.4%	85.51%	2.149
Lake P	reston							
	Structures and Improvements	8.40	-2.4%	3.03%	7.43	-2.4%	79.68%	3.06%
342.00	and the second state of the second state second states	8.40	-2.4%	3.50%	7.43	-2.4%	76.16%	3.53%
343.00		8.40	-2.4%	1.87%	7.42	-2.4%	88.38%	1.89%
344.00		0.10		1.01 /0			00.0070	1.007
345.00	Accessory Electric Equipment	8.40	-2.4%	1.62%	7.42	-2.4%	90.24%	1.64%
346.00		8.40	-2.4%	1.63%	7.42	-2.4%	90.14%	1.65%
	al Lake Preston			2.04%	7.42	-2.4%	87.09%	2.06%
Ashtab	ula Wind Generation							
341.00	Structures and Improvements	18.07	-1.2%	4.27%	17.11	-1.2%	28.04%	4.28%
342.00	Fuel Holders and Accessories	10.01	1.270			1.275	20.0110	
343.00	Prime Movers							
344.00	Generators	18.07	-1.2%	4.33%	17.11	-1.2%	26.65%	4.36%
345.00	Accessory Electric Equipment	18.07	-1.2%	4.30%	17.11	-1.2%	27,65%	4.30%
and the state of the	Miscellaneous Power Plant Equipment	18.07	-1.2%	5.12%	17.11	-1.2%	13.62%	5.12%
	al Ashtabula Wind Generation			4.33%	17.11	-1.2%	26.74%	4.35%
anode	on Wind Generation							
341.00	Structures and Improvements	17.11	-1.5%	4.32%	16.15	-1.4%	31.71%	4.32%
342.00	Fuel Holders and Accessories	in the second	1.270	1.02.70	10.10	10.9.10	Sec. 1 79	T.SE /
343.00								
344.00	1 AND THE REPORT OF	17.11	-1.5%	4.39%	16.15	-1.4%	30.46%	4.39%
345.00	Accessory Electric Equipment	17.11	-1.5%	4.40%	16.15	-1.4%	30.39%	4.40%
346.00		17.12	-1.5%	5.36%	16.16	-1.5%	14.80%	5.37%
	al Langdon Wind Generation			4.39%	16.15	-1.4%	30.48%	4.39%

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

			Current			Up	dated	
		Rem.	Fut. Net	Accrual	Rem.	Fut. Net	Reserve	Accrua
	Account Description	Life	Salvage	Rate	Life	Salvage	Ratio	Rate
	A	В	С	D	E	F	G	н
Luvern	e Wind Generation							
341.00	Structures and Improvements	19.02	-2.0%	4.27%	18.07	-2.0%	24.88%	4.279
342.00	Fuel Holders and Accessories							
343.00	Prime Movers							
344.00	Generators	19.02	-2.0%	4.32%	18.07	-2.0%	23.77%	4.339
345.00	Accessory Electric Equipment	19.02	-2.0%	4.27%	18.07	-2.0%	24.84%	4.279
346.00	Miscellaneous Power Plant Equipment	19.02	-2.0%	5.06%	18.07	-2.0%	10.62%	5.06%
Tot	al Luverne Wind Generation			4.32%	18.07	-2.0%	23.86%	4.329
Solway	Combustion Turbine							
341.00	Structures and Improvements	22.79	-0.4%	2.98%	21.85	-0.4%	35.36%	2.98%
342.00	Fuel Holders and Accessories	22.79	-0,4%	2.94%	21.85	-0.4%	36.29%	2.93%
343.00	Prime Movers	22.79	-0.4%	2.98%	21.85	-0.4%	34.41%	3.029
344.00	Generators							
345.00	Accessory Electric Equipment	22.79	-0.4%	2.95%	21.85	-0.4%	31.81%	3.149
346.00	Miscellaneous Power Plant Equipment	22.79	-0.4%	3.07%	21.85	-0.4%	33.40%	3.07%
Tot	al Solway Combustion Turbine	_		2.98%	21.85	-0.4%	34.49%	3.02%
Fergus	Falls Control Center							
341.00	Structures and Improvements							
342.00	Fuel Holders and Accessories							
343.00	Prime Movers	15.18		3.04%	14.22		56.66%	3.05%
344.00	Generators							
345.00	Accessory Electric Equipment							
346.00	Miscellaneous Power Plant Equipment	1.000						_
Tot	al Fergus Falls Control Center			3.04%	14.22		56.66%	3.05%

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

		12/31/15 Plant	Minnesota Allocation		Current An	nual	Accrual		Updated An	nua	Accrual		Diffe	rend	8
Account Description		Investment	Factor	-	Total	Mi	nnesota	-	Total	Mi	nnesota	-	Total	Mi	nnesota
Α.		В	c		D	-	E=C*D	-	F	-	G=C*F	-	H=F-D	-	I=G-E
STEAM PRODUCTION															
311.00 Structures and Improvements	\$	124,286,056	0.51693683	\$	1,427,320	\$	737,834	s	3,102,744	\$	1,603,922	\$	1.675,424	s	866,08
312.00 Boiler Plant Equipment		315, 197, 161	0.51693683		7,545,194		3,900,389		10,474,487		5,414,648		2,929,293		1,514,25
312.10 Boiler Plant Equipment - Ash Ponds		6,980,676	0.51693683		536,814		277,499		136,821		70,728		(399,993)		(206,77
314.00 Turbogenerator Units		65,472,261	0.51693683		1,559,987		806,415		1,527,667		789,708		(32,320)		(16,70
315.00 Accessory Electric Equipment		36,595,822	0.51693683		606,491		313,518		878,459		454,108		271,968		140,59
316.00 Miscellaneous Power Plant Equipment		6,238,030	0.51693683		171,670		88,742		194,137		100,356		22,467		11,61
Total Steam Production Plant	\$	554,770,006		\$	11,847,476	\$	6,124,397	\$	16,314,315	\$	8,433,470	\$		\$	
HYDRAULIC PRODUCTION															
331.00 Structures and Improvements	s	351,712	0.51693683	s	21,392	s	11,060	s	21,874	s	11,306	s	482	\$	24
332.00 Reservoirs, Dams and Waterways		4,277,055	0.51693683	17	415,566		214,821	1	425,871	1	220,149	17	10,305		5,32
333.00 Water Wheels, Turbines & Generators		1,373,867	0.51693683		75,984		39,278		77,680		40,156		1,696		87
334.00 Accessory Electric Equipment		592,400	0.51693683		32,324		16,710		33,018		17,068		694		35
335.00 Miscellaneous Power Plant Equipment		442,624	0.51693683		49,832		25,761		50,934		26,330		1,102		56
Total Hydraulic Production Plant	\$	7,037,658		\$		\$	307,630	\$		\$	315,009	\$		\$	
OTHER PRODUCTION															
341.00 Structures and Improvements	s	12,946,210	0.51693683	s	493,384	s	255,360	S	493,935	s	255,646	s	551	S	28
342.00 Fuel Holders and Accessories		1,748,265	0.51693683	1	67,217	15	34,747	÷Č	67,491	1	34,889	e7	274		14
343.00 Prime Movers		31,897,514	0.51693683		864,038		446,654		874,941		452,288		10,903		5,63
344.00 Generators		241,512,941	0.51693683		10,492,472		5,433,515		10,531,073		5,453,504		38,601		19,98
345.00 Accessory Electric Equipment		20,546,283	0.51693683		862,129		446,402		867,439		449,148		5,310		2.74
346.00 Miscellaneous Power Plant Equipment		605,667	0.51693683		24,594		12,721		26,174		13,538		1,580		81
Total Other Production Plant	\$	309,256,880		\$	12,803,834	\$	6,629,399	\$	12,861,053	\$	6,659,013	\$		\$	29,61
TRANSMISSION PLANT															
353.00 Station Equipment	\$	85,468,068	0.47903081	5	1.324,755	S	634,598	\$	1.333.302	s	638,693	s	8,547	s	4.09
354.00 Towers and Fixtures		85,885,043	0.47903081		1,348,395		645,923		1,348,395		645,923				
355.00 Poles and Fixtures		107,218,331	0.47903081		2,080,036		996,401		2,101,479		1,006,673		21,443		10,27
356.00 Overhead Conductors and Devices		102,215,587	0.47903081		1,696,779		812,809		1,727,443		827,498		30,664		14.68
358.00 Underground Conductors and Devices		77,461	0.47903081		1,115		534		1,053		504		(62)		(3
Total Transmission Plant	\$	380,864,490		\$	6,451,080	\$	3,090,265	\$	6,511,672	\$	3,119,291	\$	60,592	\$	29,02
DISTRIBUTION PLANT															
362.00 Station Equipment	\$	75,495,956	0.43341119	\$	1,585,415	\$	687,137	\$	1,600,514	\$	693,681	\$	15,099	\$	6,54
364.00 Poles, Towers and Fixtures		69,428,763	0.43341119		1,728,776		749,271		1,728,776		749,271		121.000		
365.00 Overhead Conductors and Devices		49,145,272	0.43341119		1,371,153		594,273		1,376,068		596,403		4,915		2,13
367.00 Underground Conductors and Devices		71,676,278	0.43341119		1,677,225		726,928		1,691,560		733,141		14,335		6,21
368.00 Line Transformers		89,762,013	0.43341119		1,113,049		482,408		1,122,025		486,298		8,976		3,89

Statement B

OTTER TAIL POWER COMPANY Comparison of Current and Updated Accruais Current: VG Procedure / RL Technique Updated: VG Procedure / RL Technique

		12/31/15 Plant	Minnesota Allocation	1	Current An	nual	Accrual		Updated An	nua	Accrual		Diffe	rence	e
Account Description		Investment	Factor		Total	Mir	inesota	-	Total	Mit	nnesota	_	Total	Min	inesota
Α.		B	c		D		E=C*D		F		G=C*F		H=F-D		ING-E
369.00 Overhead Services		12,837,241	0.43341119		539,164		233,680		543,015		235,349		3,851		1,66
369.10 Underground Services		39,609,183	0.43341119		1,033,800		448,060		1,033,800		448,060				
370.00 Meters		24,243,214	0.43341119		768,510		333,081		775,783		336,233		7,273		3,15
370.10 Load Management Switches		8,681,054	0.43341119		1,069,506		463,536		1,015,683		440,208		(53,823)		(23,32
370.20 Interruption Monitors		36,582	0.43341119		3,658		1,585		3,658		1,585				
371.20 Other Private Lighting		4,482,178	0.43341119		173,460		75,180		174,805		75,762		1,345		58
373.00 Street Lighting and Signal Systems		5,156,980	0.43341119		173,790		75,323		175,853		76,217		2,063		89
Total Distribution Plant	\$	450,554,714		\$	11,237,506	\$	4,870,462	\$	11,241,540	\$	4,872,208	\$	4,034	\$	1,74
GENERAL PLANT															
Depreciable															
390.00 Structures and Improvements	s	19,735,934	0.47118070	s	408,534	s	192,493	\$	404,587	\$	190,634	s	(3,947)	\$	(1,8
390.10 General Office Buildings		5,712,599	0.47118070	1	29,706	1.	13,997	10	30,277	1	14,266	-	571		26
390.20 Fleet Service Center Building		937,678	0.47118070		12,284		5,788		13,784		6,495		1,500		70
390.30 Central Stores Building		4,026,350	0.47118070		(84,553)		(39,840)		(84,151)		(39,650)		402		19
396.00 Power Operated Equipment		605,062	0.47118070		16,458		7,755		15,853		7,470		(605)		(28
397.40 Communication Towers		1,888,762	0.47118070		39,097		18,422		38,908		18,333		(189)		(8
Total Depreciable	\$	32,906,385		\$	421,526	\$	198,615	\$	419,258	\$	197,548	\$	(2,268)	\$	(1.06
Amortizable													4.1.4		
391.00 Office Furniture	s	1,315,610	0.47787310	s	82,935	s	39,632	s	82,935	\$	39,632	\$		s	
391.10 Office Equipment		808,231	0.47787310	~	80,768		38,597		80,768	*	38,597	*		~	
391.20 Duplicating Equipment		433,343	0.47787310		29,351		14,026		29,351		14.026				
391.50 Computer Systems		4,837,066	0.47787310		489,760		234,043		489,760		234,043				
391.60 Computer Related Equipment		2,087,637	0.47787310		226,157		108,074		226,157		108,074				
394.00 Tools, Shop and Garage Equipment		3,927,992	0.47787310		256,156		122,410		256,156		122,410				
394.20 Automated Meter Reading Equipment		617,570	0.47787310		41,171		19,675		41,171		19,675				
397.00 Communication Equipment		873,580	0.47787310		56,408		26,956		56,408		26,956				
397.10 Radio Telecommunication Equipment		1,206,997	0.47787310		119,574		57,141		119,574		57,141				
397.20 Microwave Equipment		4,625,643	0.47787310		293,201		140,113		293,201		140,113				
397.30 Radio Load Control Equipment		317,859	0.47787310		31,786		15,190		31,786		15,190				
Total Amortizable	\$	21,051,528		\$	1,707,267	\$	815,857	\$	1,707,267	\$	815,857	\$		\$	1.00
Total General Plant	\$	53,957,913		\$	2,128,793	\$	1,014,472	\$	2,126,525	\$	1,013,405	\$	(2,268)	\$	(1,00
TOTAL UTILITY	S	1,756,441,661			45,063,787	s	22,036,625		49,664,482	æ	24,412,396		4,600,695	s	2,375,7

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OTTER TAIL POWER COMPANY Comparison of Current and Updated Accruals Current: VG Procedure / RL Technique Updated: VG Procedure / RL Technique

		12/31/15 Plant	Minnesota Allocation		Current An	ous)	Accrual		Updated An	nual	Accrual		Diffe	mana	
Account Description		Investment	Factor	-	Total		nesota	-	Total		inesota	-	Total		nesota
Account Description		B	C	_	D	1410	E=C*D		F	IVIII	G=C*F	-	H=F-D	- NAU	HESULA HEGE
		в	C		U		2-00				Geor		marab.		H-O-E
STEAM PRODUCTION															
Big Stone					and the		Sec. Stin					12			122 m
311.00 Structures and Improvements	\$	84,848,400	0.51693683	\$	755,151	\$	390,365	\$	2,435,149	\$		\$	1,679,998	\$	868,45
312.00 Boiler Plant Equipment		184,717,394	0.51693683		3,066,309		1,585,088		5,855,541		3,026,945		2,789,232		1,441,85
312.10 Boiler Plant Equipment - Ash Ponds															
314.00 Turbogenerator Units		29,971,009	0.51693683		503,513		260,284		488,527		252,538		(14,986)		(7,74
315.00 Accessory Electric Equipment		21,986,160	0.51693683		294,615		152,297		571,640		295,502		277.025		143,20
316.00 Miscellaneous Power Plant Equipment		3,091,711	0.51693683		52,559		27,170		60,598		31,325		8,039		4.15
Total Big Stone	\$	324,614,674		\$	4,672,147	\$	2,415,204	\$	9,411,455	\$	4,865,128	\$	4,739,308	\$	2,449,92
Hoot Lake Units 2 and 3															
311.00 Structures and Improvements		6,084,167	0.51693683	\$	168,531	s	87,120	s	160,622		83,031	•	(7,909)	s	(4.0
312.00 Boiler Plant Equipment	9	38,203,868	0.51693683	ø	2,937,877	4	1,518,697		3,041,028	φ	1.572.019		103,151		53,3
312.10 Boiler Plant Equipment - Ash Ponds		6,980,676	0.51693683		536,814		277,499		136,821		70,728		(399,993)		(206,7
314.00 Turbogenerator Units		11,555,862	0.51693683		517,703		267,620		500,369		258,659		(17,334)		(8,96
315.00 Accessory Electric Equipment		2,766,673	0.51693683		108,177		55,921		104,304		53,919		(3,873)		(2,0
316.00 Miscellaneous Power Plant Equipment		1,157,884	0.51693683		73,178		37,828		85,220		44,053		12,042		6,2
Total Hoot Lake Units 2 and 3	S	66,749,130	0.01000000	\$		5	2,244,685	\$	4,028,364	\$	2,082,409	5	(313,916)	S	(162,2
				1				~		. ^			ference's	- C	1
Coyote							000 040		500 070		000 070	s	0.005		1.73
311.00 Structures and Improvements	\$	33,353,489	0.51693683	\$	503,638	\$	260,349	\$	506,973	s	262,073		3,335	\$	
312.00 Boiler Plant Equipment		92,275,899	0.51693683		1,541,008		796,604		1,577,918		815,684		36,910		19,0
312.10 Boiler Plant Equipment - Ash Ponds															
314.00 Turbogenerator Units		23,945,390	0.51693683		538,771		278,511		538,771		278,511				2-
315.00 Accessory Electric Equipment		11,842,989	0.51693683		203,699		105,300		202,515		104,687		(1,184)		(6
316.00 Miscellaneous Power Plant Equipment		1,988,435	0.51693683	-	45,933	-	23,744	-	48,319	-	24,978	-	2,386	-	1,2
Total Coyote	\$	163,406,202		\$	2,833,049	\$	1,464,508	\$	2,874,496	\$	1,485,933	\$	41,447	\$	21,4
HYDRAULIC PRODUCTION															
Hoot Lake															
331.00 Structures and Improvements	S	69,354	0.51693683	\$	187	\$	97	\$	194	\$	100	\$	7	\$	
332.00 Reservoirs, Dams and Waterways		297,674	0.51693683		7,233		3,739		7,412		3,832		179		8
333.00 Water Wheels, Turbines & Generators		104,195	0.51693683		1,730		894		1.761		910		31		
334.00 Accessory Electric Equipment		34,651	0.51693683		790		408		804		416		14		
335.00 Miscellaneous Power Plant Equipment		48,801	0.51693683		6.300		3,257		6,442		3,330		142		
Total Hoot Lake	\$	554,675		\$	16,240	\$	8,395	\$	16,613	\$	8,588	\$	373	\$	1
Wright															
331.00 Structures and Improvements	\$	19.026	0.51693683	\$	654	S	338	s	668	S	345	S	14	S	
332.00 Reservoirs, Dams and Waterways	4	892,711	0.51693683	ψ	103,554	-	53,531	4	106,054	4	54,823	-	2,500		1,2
333.00 Water Wheels, Turbines & Generators		545,392	0.51693683		23,452		12,123		23,997		12,405		545		2
334.00 Accessory Electric Equipment		200,524	0.51693683		11,831		6,116		12,092		6,251		261		1
335.00 Miscellaneous Power Plant Equipment		115,218	0.51693683		10,761		5,563		11.003		5,688		242		1
Total Wright	S	1,772,871	0.01000000	ŝ		S	77,671	S	153,814	s	79,512	\$	3,562	\$	
i otal wright	\$	1,//2,0/1			100,202		11,0/1	- 2	133,014		19,012	φ.	0,002	- 4	1,0

OTTER TAIL POWER COMPANY Comparison of Current and Updated Accruals Current: VG Procedure / RL Technique Updated: VG Procedure / RL Technique

			12/31/15 Plant	Minnesota Allocation		Current An	leuro A	lennal		Updated An	nual -	Access		Diffe	rence	
	Account Description	h	nvestment	Factor	-	Total		nesota		Total		nesota	_	Total		esota
	A		B	G		D	19010	E=C*D		F	WODA	G#C*F		H#F-D	TAULT .	I=G-E
Pisgah														and the second sec		
	uctures and Improvements	s	12.118	0.51693683	s	332	s	172	s	339	s	175	S	7	s	
	servoirs, Dams and Waterways	*	376,297	0.51693683	*	33,378	~	17,254		34,130		17.643		752	Ψ	38
	ater Wheels, Turbines & Generators		159,732	0.51693683		12,188		6.300		12,459		6,441		271		14
	cessory Electric Equipment		99,812	0.51693683		6,528		3,375		6,667		3,446		139		7
	scellaneous Power Plant Equipment		62,744	0.51693683		8,508		4,398		8.696		4,495		188		ŝ
Total P		\$	710,703	0.31033003	S	60,934	s	31,499	\$	62,291	5	32,200	5	1,357	5	70
		φ	110,103		*	00,004		51,455		02,251		52,200	4	1,557	φ	10
Dayton Hol			turnel.													
	uctures and Improvements	\$	16,269	0.51693683	\$	1,951	\$	1,009	\$	1,995	\$	1,031	\$	44	\$	3
	servoirs, Dams and Waterways		1,291,391	0.51693683		151,351		78,239		154,709		79,975		3,358		1,73
	ater Wheels, Turbines & Generators		226,751	0.51693683		17,052		8,815		17,414		9,002		362		18
334.00 Ac	cessory Electric Equipment		193,342	0.51693683		10,131		5,237		10,344		5,347		213		1
335.00 Mis	scellaneous Power Plant Equipment		111,159	0 51693683		13,895		7,183		14,195	1.0	7,338	-	300	÷	15
Total D	ayton Hollow	\$	1,838,912	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	S	194,380	\$	100,483	\$	198,657	\$	102,693	\$	4,277	\$	2,2
Taplin Gorg	ae															
	uctures and Improvements	\$	35,140	0.51693683	s	365	s	189	S	376	s	194	s	11	s	
	servoirs, Dams and Waterways		602,762	0.51693683		42,917	1	22,185		43,821		22.653	1	904	•	46
	ater Wheels, Turbines & Generators		15,110	0.51693683		136		70		139		72		3		
	cessory Electric Equipment		58,695	0.51693683		2,688		1,390		2.747		1,420		59		-
	scellaneous Power Plant Equipment		103,632	0.51693683		10,249		5,298		10,477		5,416		228		1
	aplin Gorge	S	815,339	0.01000000	S	56,355	S	29,132	S	57,560	S	29,755	S	1,205	S	6
	apini oorge		010,000			00,000		20,102		01,000		20,100		1,200		0,
Bemidji	and the second				1					10 000-		10.000		1000		
	uctures and Improvements	\$	199,805	0.51693683	\$	17,903	\$	9,255	\$	18,302	\$	9,461	\$	399	\$	20
	servoirs, Dams and Waterways		816,220	0.51693683		77,133		39,873		79,745		41,223		2,612		1,35
	ater Wheels, Turbines & Generators		322,687	0.51693683		21,426		11,076		21,910		11,326		484		25
	cessory Electric Equipment		5,376	0.51693683		356		184		364		188		8		
	scellaneous Power Plant Equipment	-	1,070	0.51693683	-	119	_	62	_	121	_	63	_	2	-	
Total B	lemidji	\$	1,345,158		S	116,937	\$	60,450	\$	120,442	\$	62,261	\$	3,505	\$	1,8
OTHER PR	ODUCTION															
Jamestown	1															
341.00 Str	ructures and Improvements	\$	305,657	0.51693683	\$	12,152	s	6,281	\$	12,309	\$	6,363	\$	157	\$	1
342.00 Fu	el Holders and Accessories		415,964	0.51693683		26,206		13,547	1	26,483	-	13,690	10	277		14
343.00 Pri	me Movers		6,645,516	0.51693683		146,383		75,671		147,998		76,505		1,615		8
344.00 Ge	enerators															
345.00 Ac	cessory Electric Equipment		227,505	0.51693683		9,995		5,166		12,751		6,591		2,756		1,42
	scellaneous Power Plant Equipment		90,235	0.51693683		5,532		2,860		7,100		3.670		1.568		8
	amestown	S	7,684,877		8	200,268	S	103,525	S	206,641	s	106,819	S	6,373	\$	3,29

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OTTER TAIL POWER COMPANY Comparison of Current and Updated Accruals Current: VG Procedure / RL Technique Updated: VG Procedure / RL Technique

		12/31/15	Minnesota			. 1	5		in the state		5		-		
And Julia in		Plant	Allocation	_	Current An	1.2.2.1		_	Updated An			-	Diffe		
Account Description		Investment	Factor	-	Total	Mir	nesota	-	Total	Min	nesota		Total	Min	nesota
A		B	c		0		E=C'D		F		G=C*F		H=F-D		I=G-E
Jamestown Unit 1															
341.00 Structures and Improvements	\$	280,804	0.51693683	\$	10,474	\$	5,414	\$	10,614	\$	5,487	\$	140	\$	73
342.00 Fuel Holders and Accessories		379,195	0.51693683		25,254		13,055		25,520		13,192		266		13
343.00 Prime Movers		2,862,225	0.51693683		72,987		37,730		73,845		38,173		858		44:
344.00 Generators															
345.00 Accessory Electric Equipment		155,272	0.51693683		5,574		2,881		5,636		2,913		62		32
346.00 Miscellaneous Power Plant Equipment		85,462	0.51693683		5,290		2,735		7,136		3,689		1,846		954
Total Jamestown Unit 1	\$	3,762,958		\$	119,579	\$	61,815	\$	122,751	\$	63,454	\$	3,172	\$	1,639
Jamestown Unit 2															
341.00 Structures and Improvements	s	24,853	0.51693683	s	1,678	\$	867	s	1,695	\$	876	\$	17	s	1
342.00 Fuel Holders and Accessories		36,769	0.51693683	1	952		492	*	963		498		11		
343.00 Prime Movers		3,783,291	0.51693683		73,396		37,941		74,153		38,332		757		39
344.00 Generators		0,100,201	0.01000000		10,000		01,041		14,100		00,002		101		00
345.00 Accessory Electric Equipment		72,233	0.51693683		4.421		2,285		7,115		3,678		2,694		1.39
346.00 Miscellaneous Power Plant Equipment		4,773	0.51693683		242		125		(36)		(19)		(278)		(14
Total Jamestown Unit 2	S	3,921,919	0.0100000	S	80,689	S	41,710	s	83,890	\$	43,365	\$	3,201	\$	1,65
Lake Preston	· · ·	diamine		1	General .		Total and				1.000				.,
341.00 Structures and Improvements	s	229,834	0.51693683	s	6,964	s	3,600	\$	7,033	s	3,636	\$	69	\$	3
342.00 Fuel Holders and Accessories	ø	328,705	0.51693683	Φ		÷	5,947	Φ	11,603	æ		ф		æ	
343.00 Prime Movers		3,172,066	0.51693683		11,505 59,318		30,664				5,998		98		5
343.00 Generators		3,172,000	0.51693683		59,318		30,004		59,952		30,991		634		32
345.00 Accessory Electric Equipment		000 000	0.51693683		F 000		0.000		0.050				74		
		369,280			5,982		3,092		6,056		3,131				3
346.00 Miscellaneous Power Plant Equipment Total Lake Preston	S	21,607	0.51693683	5	352 84,121	\$	43,485	S	357 85,001	\$	185	S	5 880	\$	45
	÷	4,121,492		÷	04,121	φ	43,405	æ	65,001	Ф	45,941	¢	000	Φ	45
Ashtabula Wind Generation				1.5		12		- 21	500 000		-				
341.00 Structures and Improvements	\$	3,248,290	0.51784884	\$	138,702	\$	71,827	\$	139,027	\$	71,995	\$	325	\$	16
342.00 Fuel Holders and Accessories															
343.00 Prime Movers					non for				Sec. and		2000 ma		10.000		
344.00 Generators		106,840,446	0.51784884		4,626,191		2,395,668		4,658,243		2,412,266		32,052		16,59
345.00 Accessory Electric Equipment		6,372,808	0.51784884		274,031		141,907		274,031		141,907				
346.00 Miscellaneous Power Plant Equipment		28,417	0.51784884		1,455	-	753	-	1,455	-	753	-		-	
Total Ashtabula Wind Generation	\$	116,489,961		\$	5,040,379	\$	2,610,155	\$	5,072,756	\$	2,626,921	\$	32,377	\$	16,76
Langdon Wind Generation		17 CA3 (1777)	a chan inte	1.0	1.000	6.	- man								
341.00 Structures and Improvements	S	2,484,069	0.51784884	\$	107,312	\$	55,571	\$	107,312	\$	55,571	\$		\$	
342.00 Fuel Holders and Accessories															
343.00 Prime Movers															
344.00 Generators		69,183,864	0.51784884		3,037,172		1,572,796		3,037,172		1,572,796				
345.00 Accessory Electric Equipment		7,407,275	0.51784884		325,920		168,777		325,920		168,777				
346.00 Miscellaneous Power Plant Equipment	-	65,210	0.51784884	-	3,495	1	1,810	<i></i>	3,502	-	1,814	-	7	1	
Total Langdon Wind Generation	S	79,140,418		S	3,473,899	\$	1,798,954	\$	3,473,906	S	1,798,958	S	7	\$	

Comparison of Current and Updated Accruais Current: VG Procedure / RL Technique Updated: VG Procedure / RL Technique

		12/31/15 Plant	Minnesota Allocation		Current An	nual	Accrual		Updated An	nual	Accrual		Diffe	rence	
Account Description		Investment	Factor	_	Total	Mir	nesota	_	Total	Mir	nesota		Total	Minn	esota
A		В	C	-	D		E=C*D		F	-	G=C*F	_	H=F-D		I=G-E
Luverne Wind Generation															
341.00 Structures and Improvements	\$	2,266,581	0.51784884	\$	96,783	\$	50,119	\$	96,783	\$	50,119	\$	-	\$	-
342.00 Fuel Holders and Accessories															
343.00 Prime Movers															
344.00 Generators		65,488,631	0.51784884		2,829,109		1,465,051		2,835,658		1,468,442		6,549		3,391
345.00 Accessory Electric Equipment		4,863,837	0.51784884		207,686		107,550		207,686		107,550				
346.00 Miscellaneous Power Plant Equipment	-	74,045	0.51784884	_	3,747		1,940	-	3,747	_	1,940	1.1			
Total Luverne Wind Generation	\$	72,693,094		\$	3,137,325	\$	1,624,660	\$	3,143,874	\$	1,628,051	\$	6,549	\$	3,391
Solway Combustion Turbine															
341.00 Structures and Improvements	\$	4,411,779	0.51693683	\$	131,471	\$	67,962	\$	131,471	\$	67,962	\$		\$	
342.00 Fuel Holders and Accessories		1,003,596	0.51693683		29,506		15,253		29,405		15,201		(101)		(52)
343.00 Prime Movers		21,488,294	0.51693683		640,351		331,021		648,946		335,464		8,595		4,443
344.00 Generators															
345.00 Accessory Electric Equipment		1,305,578	0.51693683		38,515		19,910		40,995		21,192		2,480		1,282
346.00 Miscellaneous Power Plant Equipment		326,153	0.51693683		10,013		5,176		10,013		5,176				
Total Solway Combustion Turbine	\$	28,535,400		\$	849,856	\$	439,322	\$	860,830	\$	444,995	\$	10,974	\$	5,673
Fergus Falls Control Center															
341.00 Structures and Improvements	\$	1		\$		\$		\$		\$		\$		\$	
342.00 Fuel Holders and Accessories															
343.00 Prime Movers		591,638	0.51693683		17,986		9,298		18,045		9,328		59		-30
344.00 Generators															
345.00 Accessory Electric Equipment															
346.00 Miscellaneous Power Plant Equipment					100.00	-									
Total Fergus Falls Control Center	\$	591,638		\$	17,986	\$	9,298	\$	18,045	\$	9,328	\$	59	\$	30

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			Plant	-	Recorded Re	serve	_	Computed Re	eserve		Reserve Imb	alance
	Account Description		Investment		Amount	Ratio		Amount	Ratio		Amount	Multiple
	A		B		C	D=C/B	-	E	F≈E/B		G=C-E	H=G/C
STEAM	PRODUCTION											
311.00	Structures and Improvements	\$	124,286,056	\$	48,168,882	38.76%	\$	37,786,278	30.40%	\$	10,382,604	21.55
312.00	Boiler Plant Equipment		315,197,161		111.776,563	35.46%	11	98.838.398	31.36%		12,938,164	11.58
312.10	Boiler Plant Equipment - Ash Ponds		6,980,676		2,331,763	33.40%		792,056	11.35%		1,539,707	66.03
314.00	Turbogenerator Units		65,472,261		40,426,334	61.75%		31,989,447	48.86%		8,436,886	20.87
315.00	Accessory Electric Equipment		36,595,822		16,924,678	46.25%		13,222,681	36.13%		3,701,998	21.87
316.00			6,238,030		3,285,952	52.68%		2,702,843	43.33%		583,109	17.75
Tot	tal Steam Production Plant	\$	554,770,006	\$	222,914,172	40.18%	\$	185,331,704	33.41%	\$	37,582,468	16.86
TYDRA	ULIC PRODUCTION							10518 2 2 2				
331.00	Structures and Improvements	s	351,712	\$	232,252	66.03%	\$	246,046	69.96%	s	(13,794)	-5.94
332.00	Reservoirs, Dams and Waterways	T	4.277.055	1	1,951,421	45.63%	1	2,408,481	56.31%	-	(457.060)	-23.42
	Water Wheels, Turbines & Generators		1,373,867		949,768	69,13%		765.604	55.73%		184,164	19.39
	Accessory Electric Equipment		592,400		412,050	69.56%		429,376	72.48%		(17,326)	-4.20
	Miscellaneous Power Plant Equipment		442,624		164,516	37.17%		205,062	46.33%		(40,547)	-24.65
	tal Hydraulic Production Plant	\$	7,037,658	\$	3,710,007	52.72%	\$	4,054,570	57.61%	S	(344,563)	-9.29
OTHER	PRODUCTION											
341.00	Structures and Improvements	S	12,946,210	5	4,224,111	32.63%	s	4,290,308	33,14%	S	(66,197)	-1.57
342.00	Fuel Holders and Accessories		1,748,265		839,554	48.02%		829,289	47.43%		10,265	1.22
343.00	Prime Movers		31,897,514		16,172,104	50.70%		15,576,219	48.83%		595,886	3.68
344.00	Generators		241,512,941		65,109,184	26.96%		71,545,748	29.62%		(6,436,564)	-9.89
345.00	Accessory Electric Equipment		20,546,283		6,105,810	29.72%		6,469,538	31.49%		(363,729)	-5.96
346.00	Miscellaneous Power Plant Equipment		605,667		188,548	31.13%		187,650	30.98%		898	0.48
	tal Other Production Plant	\$	309,256,880	\$	92,639,311	29.96%	\$	98,898,751	31.98%	\$	(6,259,440)	-6.76
RANS	MISSION PLANT											
53.00	Station Equipment	s	85,468,068	\$	19,070,943	22.31%	\$	19,646,610	22.99%	\$	(575,666)	-3.02
54.00			85,885,043		4,645,065	5.41%		4,791,158	5.58%	1	(146,094)	-3.15
355.00	Poles and Fixtures		107,218,331		46,666,786	43.53%		40,681,402	37.94%		5,985,384	12.83
356.00	Overhead Conductors and Devices		102,215,587		37,479,558	36.67%		31,534,418	30.85%		5,945,140	15.86
358.00	Underground Conductors and Devices		77,461		71,452	92.24%		62,846	81.13%		8,605	12.04
To	tal Transmission Plant	\$	380,864,490	\$	107,933,803	28.34%	\$	96,716,435	25.39%	\$	11,217,368	10.39
DISTRI	BUTION PLANT											
362.00	Station Equipment	S	75,495,956	\$	20,315,547	26.91%	\$	16,412,018	21.74%	\$	3,903,529	19.21
364.00	Poles, Towers and Fixtures		69,428,763		39,199,927	56.46%		35,816,483	51.59%	÷.	3,383,444	8.63
	Overhead Conductors and Devices		49,145,272		38,461,822	78.26%		33,235,807	67.63%		5.226.015	13.59

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Recorded Reserve Plant Computed Reserve Reserve Imbalance Account Description Investment Ratio Ratio Amount Amount Amount Multiple C D=C/B F=E/B G=C-F H=G/C 367.00 Underground Conductors and Devices 71,676,278 34,057,834 47.52% 29,444,095 41.08% 4,613,740 13.55% 368.00 Line Transformers 89,762,013 13,295,616 14.81% 12,384,720 13.80% 910,896 6.85% 369.00 Overhead Services 12,837,241 14,631,437 113.98% 12,984,078 101.14% 1,647,360 11.26% 369.10 Underground Services 39,609,183 16,533,211 41.74% 15,906,855 40.16% 626.356 3.79% 370.00 Meters 24,243,214 8,194,870 33.80% 7,377,159 30.43% 817,711 9.98% 370.10 Load Management Switches 8,681,054 6,528,489 75.20% 7,186,023 82.78% (657,534) -10.07% 370.20 Interruption Monitors 36,582 31,704 86.67% 32,924 90.00% (1.220)-3.85% 371.20 Other Private Lighting 4,482,178 1,091,142 24.34% 1,081,021 24.12% 10,121 0.93% 373.00 Street Lighting and Signal Systems 5,156,980 2,775,730 53.82% 1,843,553 35.75% 932.177 33.58% \$ 195,117,328 **Total Distribution Plant** 450,554,714 43.31% \$ 173,704,735 38.55% \$ 21,412,594 10.97% **GENERAL PLANT** Depreciable 390.00 Structures and Improvements 19,735,934 5,394,392 27 33% 6,780,458 \$ \$ 34.36% \$ (1.386.066) -25.69% \$ 390.10 General Office Buildings 2,446,088 5,712,599 42.82% 1.360,957 23.82% 1,085,131 44.36% 390.20 Fleet Service Center Building 937,678 493,191 52.60% 384,295 40.98% 108,896 22.08% 390.30 Central Stores Building 4,026,350 1,892,161 46.99% 158,054 3.93% 1,734,107 91.65% 396.00 Power Operated Equipment 605,062 216.353 35.76% 178.984 29.58% 37.369 17.27% 397.40 Communication Towers 1.888.762 854,487 45.24% 726,935 38.49% 127,553 14.93% **Total Depreciable** 32,906,385 \$ 11,296,673 34.33% \$ 9,589,683 29.14% 15,11% \$ 1,706,990 Amortizable 391.00 Office Furniture 823,448 832,762 \$ 1,315,610 S 62.59% S 63.30% \$ (9,314)-1.13% 391.10 Office Equipment 513,995 528,201 808,231 63.60% 65.35% (14, 206)-2.76% 391.20 Duplicating Equipment 433,343 288,196 66.51% 298,224 68.82% (10.028)-3.48% 391.50 Computer Systems 4,837,066 3,114,539 64.39% 3,505,382 72.47% (390,843) -12.55% 391.60 Computer Related Equipment 2,087,637 1,350,464 64.69% 1,525,608 73.08% (175,144) -12.97% 394.00 Tools, Shop and Garage Equipment 3,927,992 1,591,786 40.52% 1,614,495 41.10% (22,709) -1.43% 394.20 Automated Meter Reading Equipment 617,570 339.897 55.04% 335,902 54.39% 3,995 1.18% 397.00 Communication Equipment 873,580 365,060 41.79% 379.002 43.38% (13.942)-3.82% 397.10 Radio Telecommunication Equipment 1,206,997 596,480 49.42% 623,437 51.65% (26, 957)-4.52% 397.20 Microwave Equipment 2,182,086 4.625.643 47.17% 2,253,551 48.72% (71,465) -3.28% 397.30 Radio Load Control Equipment 317,859 130,770 41.14% 146,111 45.97% (15,341) -11.73% **Total Amortizable** 21,051,528 \$ 11,296,721 \$ 12,042,675 \$ 53.66% 57.21% Ŝ (745,954) -6.60% **Total General Plant** \$ 53,957,913 \$ 22,593,394 41.87% \$ 21,632,358 40.09% 4.25% \$ 961,036 TOTAL UTILITY \$ 1,756,441,661 \$ 644,908,015 36.72% \$ 580,338,553 33.04% 64,569,463 10.01% \$

Statement C

OTTER TAIL POWER COMPANY Depreciation Reserve Summary Vintage Group Procedure December 31, 2015

Account Description A RODUCTION	_	Investment		Amount	Detie	-	Amount	Detin	-	Amount	B. d. data 1
				Amount	Ratio		Amount	Ratio		Annount	Multiple
RODUCTION		В	-	c	D=C/B		E	F=E/B		G=C-E	H#G/C
ructures and Improvements	S	84,848,400	\$	18,484,254	21.79%	\$	12,895,867	15.20%	\$	5,588,387	30.23
piler Plant Equipment		184,717,394		24,348,898	13.18%		23,629,352	12.79%		719,546	2.96
piler Plant Equipment - Ash Ponds		Contraction Cont		and the second second			Contraction of			1.000	
		29.971.009		17,473,549	58.30%		11.045,900	36.86%		6.427.649	36.79
		21,986,160			29.74%						31.66
		and the second second second									30.61
Big Stone	\$	324,614,674	\$	68,337,472	21.05%	\$	53,075,193	16.35%	\$	15,262,279	22.33
Units 2 and 3											
	s	6.084.167	\$	5,947,808	97.76%	s	5,769,491	94 83%	\$	178 317	3.00
			· •								0.33
											66.03
urbogenerator Units		11,555,862		10,233,087	88.55%		9,994,296	86.49%		238,791	2.33
		2,766,673			91.62%			88.65%			3.24
iscellaneous Power Plant Equipment		1,157,884		832,807	71.92%		832,781	71.92%		26	0.00
Hoot Lake Units 2 and 3	\$	66,749,130	\$	48,148,975	72.13%	\$	46,024,278	68.95%	\$	2,124,698	4.41
ructures and Improvements	s	33,353,489	s	23,736,820	71.17%	s	19,120,920	57 33%	s	4,615,900	19.45
									1	the second second	19.84
		defer stress		s drawlee.	102040						
		23,945,390		12,719,697	53.12%		10,949,251	45.73%		1.770.446	13.92
											19.74
				960,888							13.14
Coyote	\$	163,406,202	\$		65.13%	\$	86,232,233	52.77%	\$	20,195,491	18.98
IC PRODUCTION											
tructures and Improvements	s	69,354	\$	68,300	98.48%	s	63,162	91.07%	S	5,138	7.52
	4	297,674	1		86.43%	~	243,244	81,71%			5.45
		104,195			90,78%			84.87%			6.51
		102 18 3 7 2 1			87.31%						5.85
					27.94%						-38.58
Hoot Lake	\$	554,675	\$	464,053	83.66%	\$	442,214	79.72%	\$	21,839	4.71
	urbogenerator Units ccessory Electric Equipment iscellaneous Power Plant Equipment Big Stone <u>Units 2 and 3</u> Tructures and Improvements biler Plant Equipment - Ash Ponds urbogenerator Units ccessory Electric Equipment iscellaneous Power Plant Equipment Hoot Lake Units 2 and 3 Intructures and Improvements biler Plant Equipment - Ash Ponds urbogenerator Units ccessory Electric Equipment iscellaneous Power Plant Equipment cost at Equipment - Ash Ponds urbogenerator Units ccessory Electric Equipment iscellaneous Power Plant Equipment Coyote IC PRODUCTION Intuctures and Improvements eservoirs, Dams and Waterways fater Wheels, Turbines & Generators ccessory Electric Equipment iscellaneous Power Plant Equipment	urbogenerator Units cccessory Electric Equipment iscellaneous Power Plant Equipment Big Stone Units 2 and 3 tructures and Improvements biler Plant Equipment biler Plant Equipment coessory Electric Equipment iscellaneous Power Plant Equipment coessory Electric Equipment iscellaneous Power Plant Equipment Hoot Lake Units 2 and 3 solier Plant Equipment obiler Plant Equipment obiler Plant Equipment biler Plant Equipment biler Plant Equipment obiler Plant Equipment biler Plant Equipment cossory Electric Equipment iscellaneous Power Plant Equipment coyote \$ IC PRODUCTION tructures and Improvements \$ searvoirs, Dams and Waterways \$ (ater Wheels, Turbines & Generators \$ cocessory Electric Equipment \$ iscellaneous Power Plant Equipment \$	urbogenerator Units29,971,009ccessory Electric Equipment21,986,160iscellaneous Power Plant Equipment3,091,711Big Stone3Units 2 and 3*ructures and Improvements\$biler Plant Equipment38,203,868biler Plant Equipment38,203,868biler Plant Equipment11,555,862ccessory Electric Equipment2,766,673iscellaneous Power Plant Equipment1,157,884Hoot Lake Units 2 and 3\$incutures and Improvements\$biler Plant Equipment23,945,390iscellaneous Power Plant Equipment11,842,989biler Plant Equipment11,842,989biler Plant Equipment11,842,989biler Plant Equipment11,842,989biler Plant Equipment11,842,989ccessory Electric Equipment1,988,435Coyote\$IC PRODUCTION\$tructures and Improvements\$scellaneous Power Plant Equipmentcoyote\$Ic PRODUCTION\$tructures and Improvements\$cessory Electric Equipmentcoyote\$fater Wheels, Turbines & Generators104,195ccessory Electric Equipment34,651iscellaneous Power Plant Equipment34,651	urbogenerator Units29,971,009ccessory Electric Equipment3,091,711Big Stone3 324,614,674Units 2 and 3\$ 324,614,674ructures and Improvements\$ 6,084,167biler Plant Equipment38,203,868biler Plant Equipment38,203,868biler Plant Equipment\$ 6,980,676urbogenerator Units11,555,862ccessory Electric Equipment2,766,673iscellaneous Power Plant Equipment1,157,884Hoot Lake Units 2 and 3\$ 66,749,130functures and Improvements\$ 33,353,489biler Plant Equipment\$ 92,275,899biler Plant Equipment11,842,989iscellaneous Power Plant Equipment1,988,435ccosory Electric Equipment1,988,435ccoyote\$ 163,406,202IC PRODUCTION\$ 69,354tructures and Improvements\$ 69,354seervoirs, Dams and Waterways297,674fater Wheels, Turbines & Generators104,195iscellaneous Power Plant Equipment34,651iscellaneous Power Plant Equipment36,51	urbogenerator Units 29,971,009 17,473,549 ccessory Electric Equipment 3,091,711 1,492,257 Big Stone 324,614,674 \$ 68,337,472 Units 2 and 3 324,614,674 \$ 68,337,472 ructures and Improvements \$ 6,084,167 \$ 5,947,808 biler Plant Equipment 38,203,868 26,268,744 biler Plant Equipment 2,766,673 2,331,763 urbogenerator Units 11,555,862 10,233,087 ccessory Electric Equipment 2,766,673 2,534,767 iscellaneous Power Plant Equipment 2,766,673 2,534,767 iscellaneous Power Plant Equipment 2,758,99 61,158,921 biler Plant Equipment 48,148,975 \$ 11,852,390 12,719,697 ructures and Improvements \$ 33,353,489 \$ 23,736,820 \$ 960,888 biler Plant Equipment 1,842,989 7,851,397 \$ 11,842,989 7,851,397 iscellaneous Power Plant Equipment 1,988,435 960,888 \$ 960,888 \$ 106,427,724 \$ 106,427,724 IC PRODUCTION \$ 69,354 \$ 68,300	urbogenerator Units 29,971,009 17,473,549 58.30% ccessory Electric Equipment 21,986,160 6,538,514 29,74% Big Stone 3,091,711 1,492,257 48.27% Units 2 and 3 \$324,614,677 \$68,337,472 21.05% Units 2 and 3 \$6,084,167 \$5,947,808 97.76% piler Plant Equipment 38,203,868 26,268,744 68.76% piler Plant Equipment 48,273 21.55,862 10,233,087 88.55% ccessory Electric Equipment 2,766,673 2,534,767 91.62% scellaneous Power Plant Equipment 2,766,673 2,534,767 91.62% tructures and Improvements \$66,749,130 \$48,148,975 72.13% tructures and Improvements \$33,353,489 \$23,736,820 71.17% piler Plant Equipment 23,945,390 12,719,697 53.12% forcetures and Improvements \$33,353,489 \$23,736,820 71.17% piler Plant Equipment 11,842,989 7,851,397 66.30% coyote \$163,406,202 \$106,427,724 65.13% IC PRODUCTION \$69,354	urbogenerator Units 29,971,009 17,473,549 58.30% ccessory Electric Equipment 21,986,160 6,538,514 29.74% Big Stone 3091,711 1,492,257 48.27% Units 2 and 3 sizelianeous Power Plant Equipment 36,203,868 26,268,744 68,76% biler Plant Equipment 38,203,868 26,268,744 68,76% 33.40% urbogenerator Units 11,555,862 10,233,087 88.55% ccessory Electric Equipment 2,766,673 2,534,767 91.62% toot Lake Units 2 and 3 11,557,862 10,233,087 88.55% ccessory Electric Equipment 2,766,673 2,534,767 91.62% tructures and Improvements \$ 66,749,130 \$ 48,148,975 72.13% \$ biler Plant Equipment 23,945,390 12,719,697 53.12% \$ tructures and Improvements \$ 33,353,489 \$ 23,736,820 71.17% \$ oiler Plant Equipment 48,448,975 72.13% \$ toot Lake Units 2 and 3 \$ 33,953,489 \$ 23,736,820 71.17% \$ oiler Plant Equipment 48,148,975	urbogenerator Units 29,971,009 17,473,549 58.30% 11,045,900 ccessory Electric Equipment 3,091,711 1,492,257 48.27% 1,035,472 Big Stone 3,091,711 \$68,337,472 21.05% \$53,075,193 Units 2 and 3 \$091,711 \$68,337,472 21.05% \$53,075,193 Units 2 and 3 \$6,084,167 \$5,947,808 97.76% \$5,769,491 piler Plant Equipment 38,203,868 26,268,744 68.76% 26,183,013 piler Plant Equipment 1,155,862 10,233,087 88.55% 9,994,296 ccessory Electric Equipment 2,766,673 2,534,767 91.62% 2,452,641 scellaneous Power Plant Equipment 1,157,884 832,807 71.92% 832,781 Hoot Lake Units 2 and 3 \$66,749,130 \$48,148,975 72.13% \$46,024,278 ructures and Improvements \$9,275,899 61,158,921 66.28% 49,026,034 piler Plant Equipment 11,842,989 7,851,397 66.30% 6,301,437 scellaneous Power Plant Equipment 1,988,435 960,888 48.32% 834,591	urbogenerator Units 29,971,009 17,473,549 58.30% 11,045,900 36.86% ccessory Electric Equipment 3,091,711 1,492,257 48.27% 1,035,472 33.49% Big Stone 3,091,711 1,492,257 48.27% 1,035,472 33.49% Units 2 and 3 \$ 324,614,674 \$ 68,337,472 21.05% \$ 53,075,193 16.35% Units 2 and 3 \$ 6,084,167 \$ 5,947,808 97.76% \$ 5,769,491 94.83% obler Plant Equipment 38,203,868 26,268,744 68.76% 26,183,013 68.53% obler Plant Equipment 2,766,673 2,331,763 33.40% 792,056 11.35% urbogenerator Units 11,557,862 10,233,087 88.55% 9,944,296 86.49% ccessory Electric Equipment 2,766,673 2,534,767 91.62% 2,452,641 88.65% iscellaneous Power Plant Equipment 3,3,353,489 \$ 23,736,820 71.17% \$ 19,120,920 57.33% riber Plant Equipment 92,275,899 61,158,921 66.28% 49,026,034 53.13% ribogenerator Units 23,945,390 12,	urbogenerator Units 29,971,009 17,473,549 58.30% 11,045,900 36.86% ccessory Electric Equipment 3,091,711 1,492,257 48.27% 1,035,472 33.49% siscellaneous Power Plant Equipment 3,091,711 1,492,257 48.27% 1,035,472 33.49% Sig Stone \$ 324,614,674 \$ 68,337,472 21.05% \$ 53,075,193 16.35% \$ Units 2 and 3 "ructures and Improvements" \$ 6,084,167 \$ 5,947,808 97.76% \$ 5,769,491 94.83% \$ obler Plant Equipment As 203,868 26,268,744 68.76% 26,183,013 68.53% > obler Plant Equipment 5,960,676 2,331,763 33.40% 792,056 11.35% scessory Electric Equipment 1,1558,862 10,233,087 88.55% 9,994,296 86.49% scessory Electric Equipment 2,766,673 2,534,767 91.62% 2,452,641 88.65% \$ siccellaneous Power Plant Equipment 1,157,884 832,807 71.17% \$ 19,120,920 57.33% \$ siccellaneous Power Plant Equipment Ash Ponds 92,275,899 <td>urbogenerator Units 29,971,009 17,473,549 58.30% 11,045,900 36.86% 6,427,649 sccessory Electric Equipment 3,091,711 1,492,257 48.27% 1,035,472 21.036,602 20.32% 2,069,911 Big Stone \$ 324,614,674 \$ 66,337,472 21.05% \$ 53,075,193 16.35% \$ 15,262,279 Units 2 and 3 * \$ 6,084,167 \$ 5,947,808 97.76% \$ 5,769,491 94.83% \$ 178,317 oiler Plant Equipment 38,203,868 26,268,744 68.76% 26,183,013 68.53% 85,730 oiler Plant Equipment Ash Ponds 6,890,676 2,331,763 33.40% 722,056 11.35% 85,730 scessory Electric Equipment 2,766,673 2,534,767 91.62% 2,452,641 86.69% 82,126 iscellaneous Power Plant Equipment 1,157,884 832,807 71.92% 832,781 71.92% 26 tructures and Improvements \$ 33,353,489 \$ 23,736,820 71.17% \$ 19,120,920 57.33% \$ 4,615,900 oiler Plant Equipment 2,945,390 12,719,697 53.12% 10,949,251</td>	urbogenerator Units 29,971,009 17,473,549 58.30% 11,045,900 36.86% 6,427,649 sccessory Electric Equipment 3,091,711 1,492,257 48.27% 1,035,472 21.036,602 20.32% 2,069,911 Big Stone \$ 324,614,674 \$ 66,337,472 21.05% \$ 53,075,193 16.35% \$ 15,262,279 Units 2 and 3 * \$ 6,084,167 \$ 5,947,808 97.76% \$ 5,769,491 94.83% \$ 178,317 oiler Plant Equipment 38,203,868 26,268,744 68.76% 26,183,013 68.53% 85,730 oiler Plant Equipment Ash Ponds 6,890,676 2,331,763 33.40% 722,056 11.35% 85,730 scessory Electric Equipment 2,766,673 2,534,767 91.62% 2,452,641 86.69% 82,126 iscellaneous Power Plant Equipment 1,157,884 832,807 71.92% 832,781 71.92% 26 tructures and Improvements \$ 33,353,489 \$ 23,736,820 71.17% \$ 19,120,920 57.33% \$ 4,615,900 oiler Plant Equipment 2,945,390 12,719,697 53.12% 10,949,251

		Plant	Recorded Re	eserve	1	Computed Re	eserve		Reserve Imb	alance
Account Description	1.1	nvestment	Amount	Ratio	- 1	Amount	Ratio	S	Amount	Multiple
A		в	C	D=C/B		E	F=E/B		G=C-E	H=G/C
Wright										
331.00 Structures and Improvements	\$	19,026	\$ 15,382	80.85%	\$	15,640	82.20%	\$	(258)	-1.68
332.00 Reservoirs, Dams and Waterways		892,711	313,596	35.13%		521,804	58.45%		(208,207)	-66.39
333.00 Water Wheels, Turbines & Generators		545,392	414,420	75.99%		213,310	39.11%		201,111	48.53
334.00 Accessory Electric Equipment		200,524	134,480	67.06%		138,946	69.29%		(4,465)	-3.32
335.00 Miscellaneous Power Plant Equipment		115,218	55,167	47.88%		63,292	54.93%		(8,125)	-14.73
Total Wright	\$	1,772,871	\$ 933,046	52.63%	\$	952,992	53.75%	\$	(19,946)	-2.14
Pisgah										
331.00 Structures and Improvements	\$	12,118	\$ 10,267	84.73%	\$	10,408	85.89%	\$	(141)	-1.37
332.00 Reservoirs, Dams and Waterways		376,297	189,911	50.47%		217,887	57.90%		(27,976)	-14.73
333.00 Water Wheels, Turbines & Generators		159,732	91,716	57.42%		96,534	60.43%		(4,818)	-5.25
334.00 Accessory Electric Equipment		99,812	63,396	63.52%		68,982	69.11%		(5,586)	-8.81
335.00 Miscellaneous Power Plant Equipment	1.0	62,744	 15,261	24.32%	-	24,064	38.35%		(8,803)	-57.68
Total Pisgah	\$	710,703	\$ 370,552	52.14%	\$	417,875	58.80%	\$	(47,324)	-12.77
Dayton Hollow										
331.00 Structures and Improvements	\$	16,269	\$ 5,379	33.06%	\$	7,324	45.02%	\$	(1,944)	-36.15
332.00 Reservoirs, Dams and Waterways		1,291,391	446,411	34.57%		563,163	43.61%		(116,752)	-26.15
333.00 Water Wheels, Turbines & Generators		226,751	131,623	58.05%		130,399	57.51%		1,224	0.93
334.00 Accessory Electric Equipment		193,342	136,830	70.77%		143,877	74.42%		(7,047)	-5.15
335.00 Miscellaneous Power Plant Equipment	100	111,159	33,624	30.25%		43,058	38.74%		(9,434)	-28.06
Total Dayton Hollow	\$	1,838,912	\$ 753,866	41.00%	\$	887,820	48.28%	\$	(133,954)	-17.77
Taplin Gorge										
331.00 Structures and Improvements	5	35,140	\$ 33,096	94.18%	\$	32,561	92.66%	\$	534	1.61
332.00 Reservoirs, Dams and Waterways		602,762	363,340	60.28%		391,034	64.87%		(27,694)	-7.62
333.00 Water Wheels, Turbines & Generators		15,110	14,349	94.96%		14,105	93.35%		244	1.70
334.00 Accessory Electric Equipment		58,695	43,701	74.45%		44,183	75.28%		(482)	-1.10
335.00 Miscellaneous Power Plant Equipment		103,632	 46,420	44.79%	-	55,201	53.27%		(8,781)	-18.92
Total Taplin Gorge	\$	815,339	\$ 500,906	61.44%	\$	537,084	65.87%	\$	(36,178)	-7.22

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			Plant		Recorded Re	eserve	100	Computed Re	eserve		Reserve Imb	alance
	Account Description	- 1	nvestment		Amount	Ratio	22	Amount	Ratio	-	Amount	Multiple
	A		В		c	D=C/B		E	F=E/B		G=C-E	H=G/C
Bemidji												
31.00 Str	uctures and Improvements	\$	199,805	\$	99,828	49.96%	\$	116,950	58.53%	\$	(17,122)	-17.15%
32.00 Re	servoirs, Dams and Waterways		816,220		380,886	46.66%		471,351	57.75%		(90,465)	-23.75%
33.00 Wa	ater Wheels, Turbines & Generators		322,687		203,074	62.93%		222,830	69.05%		(19,756)	-9.739
34.00 Ac	cessory Electric Equipment		5,376		3,390	63.05%		4,904	91.21%		(1,514)	-44.66%
35.00 Mis	scellaneous Power Plant Equipment		1,070		408	38.10%		551	51.47%		(143)	-35.109
Total B	lemidji	\$	1,345,158	\$	687,585	51.12%	\$	816,585	60.71%	\$	(129,000)	-18.76%
THER PR	ODUCTION											
amestown												
41.00 Str	uctures and Improvements	S	305,657	\$	218,564	71.51%	S	212,308	69.46%	\$	6,256	2.86%
42.00 Fu	el Holders and Accessories		415,964		224,999	54.09%		231,750	55.71%		(6,751)	-3.009
43.00 Pri	me Movers		6,645,516		5,639,042	84.85%		5,308,086	79.87%		330,956	5.879
44.00 Ge	nerators							Sec. Sec. Sec.				
45.00 Ac	cessory Electric Equipment		227,505		135,962	59.76%		160,734	70.65%		(24,772)	-18.229
46.00 Mis	scellaneous Power Plant Equipment		90,235		38,738	42.93%		39,715	44.01%		(977)	-2.529
Total J	amestown	\$	7,684,877	\$	6,257,304	81.42%	S	5,952,593	77.46%	\$	304,712	4.87%
amestown	1 Unit 1											
41.00 Str	uctures and Improvements	S	280,804	\$	205,964	73.35%	\$	198,109	70.55%	\$	7,856	3.819
42.00 Fu	el Holders and Accessories		379,195		194,874	51.39%		205,338	54.15%		(10,464)	-5.379
43.00 Pri	me Movers		2,862,225		2,353,617	82.23%		2,226,732	77.80%		126,886	5.399
44.00 Ge	enerators											
45.00 Ac	cessory Electric Equipment		155,272		115,577	74.43%		132,631	85.42%		(17,055)	-14.769
46.00 Mis	scellaneous Power Plant Equipment		85,462		33,632	39.35%		35,698	41.77%		(2,067)	-6.149
Total J	amestown Unit 1	\$	3,762,958	\$	2,903,664	77.16%	\$	2,798,508	74.37%	\$	105,157	3.629
amestown	Unit 2											
41.00 Str	ructures and Improvements	S	24,853	\$	12,600	50.70%	\$	14,200	57.13%	s	(1,600)	-12,709
	el Holders and Accessories	-	36,769	1	30,125	81.93%	1.0	26,412	71.83%		3,712	12.329
	me Movers		3,783,291		3,285,425	86.84%		3,081,354	81.45%		204,070	6.219
44.00 Ge	enerators		COLUMN TO A COLUMN		off off the second	0.000.000		-04CC104CC10			Sector C	0.20
45.00 Ac	cessory Electric Equipment		72,233		20,385	28.22%		28,102	38.91%		(7,717)	-37.869
	scellaneous Power Plant Equipment		4,773		5,106	106.97%		4,016	84.15%		1,089	21.339
	amestown Unit 2	\$	3,921,919	\$	3,353,640	85.51%	\$	3,154,085	80.42%	\$	199,555	5.95%

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	and the second s		Plant	_	Recorded Re	eserve	-	Computed Re	eserve		Reserve Imb	alance
	Account Description		Investment	_	Amount	Ratio		Amount	Ratio	-	Amount	Multiple
1	A		B		c	D=C/B		E	F=E/B		G=C-E	H=G/C
Lake Pr	reston											
341.00	Structures and Improvements	\$	229,834	\$	183,142	79.68%	5	175,383	76.31%	\$	7,760	4.24%
342.00	Fuel Holders and Accessories		328,705		250,328	76.16%		247,524	75.30%		2,804	1.12%
343.00	Prime Movers		3,172,066		2,803,408	88.38%		2,632,444	82.99%		170,964	6.10%
344.00	Generators											
345.00	Accessory Electric Equipment		369,280		333,237	90.24%		311,369	84.32%		21,868	6.56%
346.00	Miscellaneous Power Plant Equipment		21,607	-	19,476	90.14%	1	18,358	84.96%		1,118	5.74%
Tot	al Lake Preston	\$	4,121,492	\$	3,589,591	87.09%	\$	3,385,077	82.13%	\$	204,514	5.70%
Ashtab	ula Wind Generation											
341.00	Structures and Improvements	\$	3,248,290	\$	910,772	28.04%	S	971,700	29.91%	\$	(60,928)	-6.69%
342.00	Fuel Holders and Accessories											
343.00	Prime Movers											
344.00	Generators		106,840,446		28,469,094	26.65%		31,487,216	29.47%		(3,018,122)	-10.60%
345.00	Accessory Electric Equipment		6,372,808		1,762,043	27.65%		1,885,708	29.59%		(123,665)	-7.02%
346.00	Miscellaneous Power Plant Equipment	1.0	28,417	1.00	3,872	13.62%		4,709	16.57%		(837)	-21.62%
Tot	al Ashtabula Wind Generation	\$	116,489,961	\$	31,145,781	26.74%	\$	34,349,333	29.49%	\$	(3,203,552)	-10.29%
Langdo	n Wind Generation											
341.00	Structures and Improvements	\$	2,484,069	\$	787,681	31.71%	\$	845,487	34.04%	\$	(57,805)	-7.34%
342.00	Fuel Holders and Accessories											
343.00	Prime Movers											
344.00	Generators		69,183,864		21,075,753	30.46%		23,200,019	33.53%		(2,124,266)	-10.08%
345.00	Accessory Electric Equipment		7,407,275		2,251,077	30.39%		2,418,522	32.65%		(167,444)	-7.44%
346.00	Miscellaneous Power Plant Equipment		65,210		9,651	14.80%	1	11,026	16.91%		(1,375)	-14.24%
Tot	al Langdon Wind Generation	\$	79,140,418	\$	24,124,163	30.48%	\$	26,475,053	33.45%	\$	(2,350,890)	-9.74%
Luvern	e Wind Generation											
341.00	Structures and Improvements	\$	2,266,581	\$	563,888	24.88%	\$	590,600	26.06%	\$	(26,712)	-4.74%
342.00	Fuel Holders and Accessories										1.	
343.00	Prime Movers											
344.00	Generators		65,488,631		15,564,337	23.77%		16,858,513	25.74%		(1,294,176)	-8.32%
345.00	Accessory Electric Equipment		4,863,837		1,208,192	24.84%		1,265,841	26.03%		(57,649)	-4.77%
346.00	Miscellaneous Power Plant Equipment	1.1.1.1	74,045	-	7,863	10.62%	-	9,211	12.44%	-	(1,348)	-17.14%
Tot	al Luverne Wind Generation	\$	72,693,094	\$	17,344,280	23.86%	\$	18,724,165	25.76%	\$	(1,379,885)	-7.96%

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		Plant	 Recorded Re	eserve	Computed Re	eserve	-	Reserve Imb	alance
Account Description		Investment	Amount	Ratio	Amount	Ratio	1	Amount	Multiple
A		8	C	D=C/B	E	F=E/B		G=C-E	H=G/C
Solway Combustion Turbine									
341.00 Structures and Improvements	\$	4,411,779	\$ 1,560,064	35.36%	\$ 1,494,831	33.88%	\$	65,233	4.18%
342.00 Fuel Holders and Accessories		1,003,596	364,228	36.29%	350,015	34.88%		14,213	3.90%
343.00 Prime Movers		21,488,294	7,394,455	34.41%	7,290,082	33.93%		104,373	1.41%
344.00 Generators									
345.00 Accessory Electric Equipment		1,305,578	415,298	31.81%	427,365	32.73%		(12,066)	-2.91%
346.00 Miscellaneous Power Plant Equipn	nent	326,153	108,948	33.40%	104,631	32.08%		4,316	3.96%
Total Solway Combustion Turbine	\$	28,535,400	\$ 9,842,993	34.49%	\$ 9,666,924	33.88%	\$	176,069	1.79%
Fergus Falls Control Center									
341.00 Structures and Improvements	\$		\$ 1.1.1.1.1.1		\$ 0. C		\$	12	
342.00 Fuel Holders and Accessories									
343.00 Prime Movers		591,638	335,199	56.66%	345,606	58.42%		(10,407)	-3.10%
344.00 Generators									
345.00 Accessory Electric Equipment									
346.00 Miscellaneous Power Plant Equipn	nent								
Total Fergus Falls Control Center	S	591,638	\$ 335,199	56.66%	\$ 345,606	58.42%	S	(10,407)	-3.10%

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and the second se	1.00		Pla	int Investment	i		Salvage		_			Net Salvage			Average
Account Description	1.1	Additions	1	Retirements	-	Survivors	Realized	Future	F	Realized		Future	_	Total	Rate
A.		6		c		D=8-C	E	F		G=E*C		H=F*D	_	l≈G+H	J≠I/B
STEAM PRODUCTION															
11.00 Structures and Improvements	\$	126,250,011	\$	1,963,955	\$	124,286,056	-27.1%	-7.0%	\$	(532,118)	\$	(8,668,219)	\$	(9,200,337)	-7.3
12.00 Boiler Plant Equipment		377,114,382		61,917,221		315,197,161	-14.0%	-7.5%	(8,666,506)		(23,587,367)		(32,253,873)	-8.6
12.10 Boiler Plant Equipment - Ash Ponds		6,980,676				6,980,676									
14.00 Turbogenerator Units		81,469,931		15,997,670		65,472,261	19.5%	-8.0%		3,116,501		(5,243,434)		(2,126,933)	-2.6
15.00 Accessory Electric Equipment		38,462,202		1,866,380		36,595,822	-10.1%	-7.3%		(188,081)		(2,663,358)		(2,851,439)	-7.4
16.00 Miscellaneous Power Plant Equipment	1.0	8,779,302		2,541,272		6,238,030	8.2%	-7.6%	-	208,764		(476,291)		(267,528)	-3.0
Total Steam Production Plant	\$	639,056,504	\$	84,286,498	\$	554,770,006	-7.2%	-7.3%	\$ (6,061,441)	\$	(40,638,669)	\$	(46,700,110)	-7.3
YDRAULIC PRODUCTION															
331.00 Structures and Improvements	s	363,124	s	11,412	s	351,712	-2.1%		\$	(240)	s		\$	(240)	-0.1
32.00 Reservoirs, Dams and Waterways		4,361,532		84,477	1	4,277,055	86.0%			72,610				72,610	1.7
333.00 Water Wheels, Turbines & Generators		1,397,890		24,023		1,373,867	-438.0%			(105.221)				(105,221)	-7.5
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	S	7,244,828	\$	207,170	S	7,037,658	-17.7%		S	(36,681)	S		\$	(36,681)	-0.5
OTHER PRODUCTION			12	G6-0-6-4		Acres been				for for all	15		τ.	feelee it	
341.00 Structures and Improvements	5	12,959,338	s	13,128	s	12,946,210	-6.7%	-1.1%		(876)	s	(146,530)	s	(147,406)	-1.3
342.00 Fuel Holders and Accessories	-9	1,970,922	÷	222,657	Φ	1,748,265	-11.1%	-1.0%	ą.		φ				
343.00 Prime Movers										(24,683)		(17,727)		(42,410)	-2.2
A CANA A CONSCILLACIAL A		32,677,505		779,991		31,897,514	-22.3%	-0.8%		(173,977)		(255,120)		(429,097)	-1.3
344.00 Generators		244,436,493		2,923,552		241,512,941	-2.4%	-1.5%		(71,044)		(3,560,432)		(3,631,476)	-1.5
345.00 Accessory Electric Equipment		20,635,259		88,976		20,546,283	9.2%	-1.4%		8,205		(294,722)		(286,517)	-1.4
346.00 Miscellaneous Power Plant Equipment Total Other Production Plant	S	658,130 313,337,647	5	52,463 4,080,767	5	605,667 309,256,880	26.3%	-1.0%	-	13,801	-	(5,887)	-	7,914	1.2
	\$	313,337,647	\$	4,080,767	3	309,256,880	-6.1%	-1.4%	\$	(248,573)	\$	(4,280,418)	\$	(4,528,991)	-1.4
TRANSMISSION PLANT	100	Contractor	1.5	Sec. Sec.	14	Section Sec.	Sec. 1	1.00	54						
353.00 Station Equipment	S	94,984,147	s	9,516,079	\$	85,468,068	37.9%	-5.0%	\$	3,606,594	\$	(4,273,403)	\$	(666,809)	-0.7
354.00 Towers and Fixtures		85,885,043				85,885,043		10.0%				(8,588,504)		(8,588,504)	-10.0
355,00 Poles and Fixtures		112,557,470		5,339,139		107,218,331	51.3%	-50.0%		2,738,978		(53,609,166)		(50,870,187)	-45.2
356.00 Overhead Conductors and Devices		107,570,227		5,354,640		102,215,587	48.7%	-30.0%		2,607,710		(30,664,676)		(28,056,966)	-26.1
358.00 Underground Conductors and Devices	-	77,956		495	1	77,461	-368.9%	-5.0%	_	(1,826)	_	(3,873)	_	(5,699)	-7.3
Total Transmission Plant	\$	401,074,843	\$	20,210,353	\$	380,864,490	44,3%	-25.5%	\$	8,951,456	\$	(97,139,622)	\$	(88,188,166)	-22.0
DISTRIBUTION PLANT															
362.00 Station Equipment	\$	94,983,623	\$	19,487,667	\$	75,495,956	16.1%	5.0%	\$	3,137,514	\$	3,774,798	s	6,912,312	7.3
364.00 Poles, Towers and Fixtures		72,572,440		3,143,677		69,428,763	-109.4%	-75.0%	(3,439,183)		(52,071,572)		(55,510,755)	-76.5
365.00 Overhead Conductors and Devices		52,897,807		3,752,535		49,145,272	-76.7%	-100.0%	(2,878,194)		(49,145,272)		(52,023,466)	-98.3
367.00 Underground Conductors and Devices		76,339,332		4,663,054		71,676,278	-0.4%	-5.0%	0.0	(18,652)		(3,583,814)		(3,602,466)	-4.7
368.00 Line Transformers		101,576,096		11,814,083		89,762,013	37.2%	50.0%		4,394,839		44,881,007		49,275,845	48.5
369.00 Overhead Services		13,575,830		738,589		12,837,241	-248.8%	-150.0%	(1,837,609)		(19,255,862)		(21,093,471)	-155.4
369.10 Underground Services		40,114,512		505,329		39,609,183	-37.3%	-20.0%	1	(188,488)		(7,921,837)		(8,110,324)	-20.2
370.00 Meters		30,304,854		6,061,640		24,243,214	0.7%			42,431		C. C. D. Leart		42,431	0.1

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			Pla	int Investment			Salvage	Rate	-			Net Salvage			Average
Account Description	100	Additions	10	Retirements		Survivors	Realized	Future	R	lealized		Future		Total	Rate
A		8	-	¢		D=B-C	E	F		G=E*C		H=P*D		I=G+H	J=1/8
370.10 Load Management Switches		10,873,289		2,192,235		8,681,054									
370.20 Interruption Monitors		1,277,033		1,240,451		36,582									
371.20 Other Private Lighting		7,460,213		2,978,035		4,482,178	8.3%	10.0%		247,177		448,218		695,395	9.3
373.00 Street Lighting and Signal Systems		8,750,009	-	3,593,029		5,156,980	-2.3%	-5.0%		(82,640)	-	(257,849)	_	(340,489)	-3,9
Total Distribution Plant	\$	510,725,038	\$	60,170,324	\$	450,554,714	-1.0%	-18.5%	S	(622,804)	\$	(83,132,183)	\$	(83,754,988)	-16.4
GENERAL PLANT Depreciable															
390.00 Structures and Improvements	\$	23,709,789	s	3,973,855	\$	19,735,934	30.3%	10.0%	\$ 1	,204,078	\$	1,973,593	\$	3,177,671	13.4
390.10 General Office Buildings		6,965,009		1,252,410		5,712,599	-12.9%	49.5%		(161,561)		2,833,449		2,671,888	38.4
390.20 Fleet Service Center Building		1,035,431		97,753		937,678	-47.0%	33.6%		(45,944)		315,060		269,116	26.0
390.30 Central Stores Building		4,099,690		73,340		4,026,350	-2.6%	92.6%		(1,907)		3,728,400		3,726,493	90.9
396.00 Power Operated Equipment		1,120,745		515,683		605,062	23.8%	20.0%		122,733		121,012		243,745	21.7
397.40 Communication Towers	-	1,998,548	_	109,786	-	1,888,762	13.2%	5.0%	-	14,492	-	94,438	_	108,930	5.5
Total Depreciable	S	38,929,212	\$	6,022,827	\$	32,906,385	18.8%	27.6%	\$ 1	1,131,891	\$	9,065,953	\$	10,197,844	26.2
Amortizable															
391.00 Office Furniture	\$	6,116,610	\$	4,801,000	\$	1,315,610			\$	-	\$		\$	1	
391.10 Office Equipment		3,004,829		2,196,598		808,231									
391.20 Duplicating Equipment		2,190,091		1,756,748		433,343									
391.50 Computer Systems		13,900,564		9,063,498		4,837,066									
391.60 Computer Related Equipment		11,160,143		9,072,506		2,087,637									
394.00 Tools, Shop and Garage Equipment		7,367,285		3,439,293		3,927,992									
394.20 Automated Meter Reading Equipment		2,097,424		1,479,854		617,570									
397.00 Communication Equipment		2,141,639		1,268,059		873,580									
397.10 Radio Telecommunication Equipment		6,541,973		5,334,976		1,206,997									
397.20 Microwave Equipment		7,553,329		2,927,686		4,625,643									
397.30 Radio Load Control Equipment Total Amortizable	-	1,771,492	-	1,453,633	-	317,859		-			-		-		
	\$	63,845,379	\$	42,793,851	\$	21,051,528			\$	Sec. 2	\$		\$	10.120.200	
Total General Plant	\$	102,774,591	\$	1.	\$	and the second second	2.3%	16.8%		1,131,891	s	9,065,953	\$	10,197,844	9.9
TOTAL UTILITY	\$	1,974,213,451	\$	217,771,790	\$	1,756,441,661	4.2%	-12.3%	\$ 1	9,209,602	\$	(216,124,940)	\$1	(213,011,092)	-10.8
STEAM PRODUCTION Big Stone															
311.00 Structures and Improvements	\$	85,884,688	\$	1,036,288	\$		-10.4%	-6.0%		(107,774)	\$	(5,090,904)	\$	(5,198,678)	-6.1
312.00 Boiler Plant Equipment 312.10 Boiler Plant Equipment - Ash Ponds		228,379,589		43,662,195		184,717,394	-12.0%	-6.0%		5,239,463)		(11,083,044)		(16,322,507)	-7.1
314.00 Turbogenerator Units		36,494,094		6,523,085		29,971,009	15.7%	-6.0%		1,024,124		(1,798,261)		(774,136)	-2,1
315.00 Accessory Electric Equipment		22,888,945		902,785		21,986,160	-15.8%	-6.0%		(142,640)		(1,319,170)		(1,461,810)	-6.4
316.00 Miscellaneous Power Plant Equipment	-	4,329,825	-	1,238,114		3,091,711	2.6%	-5.6%		32,191	_	(173,136)	_	(140,945)	+3.3
Total Big Stone	\$	377,977,141	\$	53,362,467	\$	324,614,674	-8.3%	-6.0%	5 (4	4,433,562)	\$	(19,464,514)	\$	(23,898,076)	-6.3

Statement D

			Pla	nt Investment			Salvage	Rate	_		- 1	Net Salvage			Average
Account Description	1.1	Additions	F	Retirements		Survivors	Realized	Future	R	ealized	-	Future		Total	Rate
A		в		c		D=B-C	E	F	-	G=E*C		H=F*D		I=G+H	J=1/8
Hoot Lake Units 2 and 3															
311.00 Structures and Improvements	\$	6,316,793	\$	232,626	\$	6,084,167	-137.0%	-12.2%	5	(318,698)	\$	(742,268)	\$	(1,060,966)	-16.8
312.00 Boiler Plant Equipment		44,921,079		6,717,211		38,203,868	-41.4%	-12.2%	(2	,780,925)		(4,660,872)		(7,441,797)	-16.6
312.10 Boiler Plant Equipment - Ash Ponds		6,980,676				6,980,676									
314.00 Turbogenerator Units		13,118,488		1,562,626		11,555,862	-2.3%	-12.2%		(35,940)		(1,409,815)		(1,445,756)	-11.0
315.00 Accessory Electric Equipment		2,802,942		36,269		2,766,673	-148.3%	-12.2%		(53,787)		(337,534)		(391,321)	-14.0
316.00 Miscellaneous Power Plant Equipment		1,303,576		145,692		1,157,884	48.9%	-12.1%		71,243		(140,104)		(68,861)	-5.3
Total Hoot Lake Units 2 and 3	\$	75,443,554	\$	8,694,424	\$	66,749,130	-35.9%	-10.9%	\$ (3	1,118,107)	\$	(7,290,594)	\$	(10,408,700)	-13.8
Coyote												20.000-2			
311.00 Structures and Improvements	\$	34.048.530	s	695.041	s	33,353,489	-15.2%	-8.5%	\$	(105.646)	•	(2,835,047)	s	(2,940,693)	-8.6
312.00 Boiler Plant Equipment	Φ	103,813,714	ø	11,537,815	÷	92,275,899	-5.6%	-8.5%		(646,118)	4	(7,843,451)	÷	(8,489,569)	-8.2
312.10 Boiler Plant Equipment - Ash Ponds		103,013,714		11,537,615		92,275,699	-3.0%	-0.376		(040,110)		(1,043,431)		(0,409,509)	-0.2
314.00 Turbogenerator Units		31,857,349		7,911,959		23,945,390	26.9%	-8.5%		.128.317		(2,035,358)		92,959	0.3
						- all set as a	0.9%	-8.5%	4						-7.8
315.00 Accessory Electric Equipment		12,770,315		927,326		11,842,989				8,346		(1,006,654)		(998,308)	-7.8
316.00 Miscellaneous Power Plant Equipment	5	3,145,901	S	1,157,466	S	1,988,435	9.1%	-8.2%	-	105,329	\$	(163,052) (13,883,562)	\$	(57,722)	-1.8
Total Coyote	Ð	185,635,809	æ	22,229,607	9	163,406,202	0.170	-0.3%	2	,490,228	Φ	(13,003,302)	æ	(12,393,333)	-0.(
HYDRAULIC PRODUCTION															
Hoot Lake															
331.00 Structures and Improvements	\$	69,354	\$	÷.	-\$	69,354			\$		\$	1.1.1.4	-\$		
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)	-
Wright															
331.00 Structures and Improvements	s	19.026	s		S	19,026			s		s	1	s	 	
332.00 Reservoirs, Dams and Waterways	- 7	901,305		8,594	1	892,711	2843.7%			244.388				244,388	27.1
333.00 Water Wheels, Turbines & Generators		552,421		7,029		545,392	-284.6%			(20,005)				(20,005)	-3.6
334.00 Accessory Electric Equipment		200,524		1020		200,524	201.070			(20,000)				(20,000)	
335.00 Miscellaneous Power Plant Equipment		127,250		12.032		115,218	-7.9%			(951)				(951)	-0.7
Total Wright	S	1,800,526	\$	27,655	ŝ	1,772,871	807.9%		S	223,433	\$		S	223,433	12.4
The second se					-	241 92419 3					-		-		
Pisgah 331.00 Structures and Improvements		40.440				10 110			e					i linear an	
	\$	12,118	\$	5	\$	12,118			\$		\$		\$	4	
332.00 Reservoirs, Dams and Waterways		376,297		1 100		376,297								104 4 5 01	
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	-	84,583	-	21,819	-	62,744	-2.5%		-	(545)	-		-	(545)	-0.6
Total Pisgah	\$	745,435	\$	34,732	\$	710,703	-71.9%		\$	(24,982)	\$		\$	(24,982)	-3.4

	-			Investment	-		Salvage		-			Net Salvage	_		Average
Account Description		Additions	Re	tirements		Survivors	Realized	Future	-	Realized		Future	_	Total	Rate
A		В		C		D=8-C	E	F	-	G=E*C		H≒E*D		I=G+H]=I/B
Dayton Hollow															
331.00 Structures and Improvements	\$	16,269	\$		\$	16,269			\$	1.0.00	\$	-	\$		
32.00 Reservoirs, Dams and Waterways		1,335,655		44,264		1,291,391	-309.1%			(136,820)				(136,820)	-10.2
33.00 Water Wheels, Turbines & Generators		239,295		12,544		226,751	-195.3%			(24,498)				(24,498)	-10.2
34.00 Accessory Electric Equipment		193,849		507		193,342	41.7%			211				211	0.1
35.00 Miscellaneous Power Plant Equipment		119,243		8,084		111,159	-2.5%			(202)				(202)	-0.2
Total Dayton Hollow	5	1,904,311	\$	65,399	\$	1,838,912	-246.7%		\$	(161,309)	\$		\$	(161,309)	-8.5
Taplin Gorge										1				4.10.10	
31.00 Structures and Improvements	s	35,140	5		s	35,140			\$	1.00	\$		\$		
32.00 Reservoirs, Dams and Waterways	Ψ.	620,762	٣	18,000		602,762	-166.7%			(30,006)	Υ.		*	(30,006)	-4.8
		15,110		10,000		15,110	-100.7 /0			(30,000)				(30,000)	-4.0
				0 700			-4.7%			1475				14785	
334.00 Accessory Electric Equipment		62,427		3,732		58,695				(175)				(175)	-0.3
35.00 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
Bemidji				10111		1000000000			1						
31.00 Structures and Improvements	\$	211,217	\$	11,412	\$	199,805	-2.1%		5	(240)	\$		\$	(240)	-0.1
32.00 Reservoirs, Dams and Waterways		821,755		5,535		816,220	-85.8%			(4,749)				(4,749)	-0.6
33.00 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	\$	1,367,855	\$	22,697	\$	1,345,158	-189.0%	-	\$	(42,902)	\$		\$	(42,902)	-3.1
OTHER PRODUCTION															
lamestown															
341.00 Structures and Improvements	\$	310,786	\$	5,129	S	305,657	-9.9%	-1.4%	\$	(508)	\$	(4,279)	S	(4,787)	-1.5
342.00 Fuel Holders and Accessories		593,813		177,849	-	415,964	-12.6%	-1.4%	1.00	(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		010201001		21.010.10		0,040,010	20.114	1.470		tionalet		100,0017		(200,000)	2.0
345.00 Accessory Electric Equipment		263.852		36,347		227,505	22.6%	-1.4%		8,205		(3,185)		5,020	1.9
346.00 Miscellaneous Power Plant Equipment		139,078		48,843		90,235	22.9%	-1.4%		11,201		(1,263)		9,938	7.1
Total Jamestown	\$	8,231,090	s	546,213	\$	7,684,877	-20.3%	-1.4%	\$	(111,101)	\$	(107,588)	\$	(218,689)	-2.7
		0,201,000	*	040,210	*	1,004,017	20.070	-1.474		(inition)		(101,000)	*	(210,000)	
Jamestown Unit 1 341.00 Structures and Improvements	5	285,933	5	5,129	s	280,804	-9.9%	-1.4%	s	(508)	s	(3,931)	s	(4,439)	-1.6
342.00 Fuel Holders and Accessories	٩	407,203	4	28,008		379,195	-51.4%	-1.4%	÷	(14,396)	9	(5,309)		(19,705)	-4.8
						2,862,225	-57.8%	-1.4%							
343.00 Prime Movers 344.00 Generators		3,004,562		142,337		2,862,225	-57.8%	-1.4%		(82,271)		(40,071)		(122,342)	-4.1
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		112,036		26,574		85,462	26.9%	-1.4%		7,148		(1,196)		5,952	5.3
The second	s	3,967,559	S	204,601	\$	3,762,958	-43.8%	-1.4%	\$	(89,526)	s	(52,681)	\$	(142,207)	-3.6

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	-			t Investment	1		Salvage		-			Net Salvage			Average
Account Description	-	Additions	R	etirements		Survivors	Realized	Future	F	Realized	-	Future		Total	Rate
- A		B		C		D=8-C	E	F		G=E*C	-	H≈€*D		I=G+H	J≈I/B
Jamestown Unit 2															
341.00 Structures and Improvements	- 5	24,853	\$		\$	24,853		-1.4%	\$	· · · · ·	\$	(348)	- \$	(348)	-1.49
342.00 Fuel Holders and Accessories		186,610		149,841		36,769	-5.4%	-1.4%		(8,091)		(515)		(8,606)	-4.65
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		30-3-55				10 E 0 K 94						3		A. 265224	
345.00 Accessory Electric Equipment		106.027		33,794		72,233	22.8%	-1.4%		7,705		(1,011)		6.694	6.3
346.00 Miscellaneous Power Plant Equipment		27,042		22.269		4,773	18.2%	-1.4%		4.053		(67)		3,986	14.7
Total Jamestown Unit 2	s	4,263,531	\$	341,612	5	3.921.919	-6.3%	-1.4%	S	(21,575)	S	(54,907)	\$	(76,482)	-1.8
Lake Preston		alter loci		erne in		0,021,010			~	14.114.41	1	(01,001)	17	(10,102)	
	s	000 000	\$	745		000 004		-2.4%	s			15 5403	÷.	15 5401	
341.00 Structures and Improvements	æ	229,833	Э.	(1)	\$	229,834	1.00		æ	10 1001	\$	(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		10000		1.000		10000000						10.000		10.565	
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
Ashtabula Wind Generation															
341.00 Structures and Improvements	S	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		108,330,482		1,490,036		106,840,446		-1.2%				(1,282,085)		(1,282,085)	-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		28,417				28,417		-1.2%				(341)		(341)	-1.2
Total Ashtabula Wind Generation	\$	117,979,997	\$	1,490,036	\$	116,489,961		-1.2%	\$	10	\$	(1,397,880)	\$	(1,397,880)	-1.2
Langdon Wind Generation															
341.00 Structures and Improvements	s	2,484,069	\$		\$	2,484,069		-1.4%	\$	1.1	s	(34,777)	s	(34,777)	-1.4
342.00 Fuel Holders and Accessories			1		*	-112-11-69			1			1	- 7	12.110.111	- 64
343.00 Prime Movers															
344.00 Generators		69,963,849		779,985		69,183,864	4.5%	-1.4%		(35,099)		(968,574)		(1,003,673)	-1.4
345.00 Accessory Electric Equipment		7,407,275		110,000		7,407,275		-1.4%		(00,000)		(103,702)		(103,702)	-1.4
346.00 Miscellaneous Power Plant Equipment		65,210				65,210		-1.5%				(103,702) (978)		(103,702)	-1.5
Total Langdon Wind Generation	\$	79,920,403	S	779,985	\$	79,140,418	-4.5%	-1.4%	\$	(35,099)	\$	(1,108,031)	\$	(1,143,130)	-1.4
uverne Wind Generation				10,10,07,2			Charles .			an accelt	1				
341.00 Structures and Improvements	\$	2,266,581	s		s	2,266,581		-2.0%	5	1.1.2	\$	(45,332)	s	(45,332)	-2.0
342.00 Fuel Holders and Accessories			0		- 7				Č		0	((
343.00 Prime Movers															
344.00 Generators		66,142,162		653,531		65,488,631	-5.5%	-2.0%		(35,944)		(1.309,773)		(1,345,717)	-2.0
345.00 Accessory Electric Equipment		4,863,837		000,001		4,863,837	-3.370	-2.0%		(00,044)		(97,277)		(97,277)	-2.0
346.00 Miscellaneous Power Plant Equipment		74,045				74,045		-2.0%				(1,481)			
Total Luverne Wind Generation	S	73,346,625	s	653,531	S	72,693,094	-5.5%	-2.0%	S	(35,944)			-	(1,481)	-2.0
Total Luverne wind Generation	Þ	13,340,625	\$	003,531	Þ	/2,093,094	-5.5%	-2.0%	ð.	(35,944)	\$	(1,453,862)	\$	(1,489,806)	-2.0

Statement D

Account Description			t Investment		Salvage	Rate			Average						
	1997	Additions	R	etirements		Survivors	Realized	Future	5.1	Realized		Future	-	Total	Rate
A		В		C		D#8-C	E	F	G=E*C		H=F*D		I=G+H		J=I/B
Solway Combustion Turbine															
341.00 Structures and Improvements	s	4,419,779	\$	8,000	\$	4,411,779	-4.6%	-0.4%	\$	(368)	\$	(17,647)	\$	(18,015)	-0.49
342.00 Fuel Holders and Accessories		1,003,596				1,003,596		+0.4%				(4,014)		(4,014)	-0.49
343.00 Prime Movers		21,854,568		366,274		21,488,294	-17.9%	-0.4%		(65,563)		(85,953)		(151,516)	-0.79
344.00 Generators														1	
345.00 Accessory Electric Equipment		1,353,696		48,118		1,305,578		-0.4%				(5,222)		(5,222)	-0.49
346.00 Miscellaneous Power Plant Equipment		326,153				326,153		-0.4%				(1,305)		(1,305)	-0.4%
Total Solway Combustion Turbine	\$	28,957,792	\$	422,392	\$	28,535,400	-15.6%	-0.4%	\$	(65,931)	\$	(114,142)	\$	(180,073)	-0.6%
Fergus Falls Control Center															
341.00 Structures and Improvements	\$	~	s		5				\$	· · ·	5		5		
342.00 Fuel Holders and Accessories															
343.00 Prime Movers		650,974		59,336		591,638	6.2%			3,679				3,679	0.69
344.00 Generators															
345.00 Accessory Electric Equipment															
346.00 Miscellaneous Power Plant Equipment															
Total Fergus Falls Control Center	S	650,974	S	59.336	S	591,638	6.2%		\$	3,679	\$		S	3,679	0.69

OTTER TAIL POWER COMPANY Future Net Salvage Steam and Other Production

12/31/15 Plant **Future Retirements** Net Salvage Rate Future Net Salvage Future Account Description Investment Interim Final Interim Final Interim Final Total Rate D=8-C G=C"E H=D"F J=1/8 C I=G+H STEAM PRODUCTION **Big Stone** 311.00 Structures and Improvements \$ 84,848,400 \$ 6,530,217 \$ 78,318,183 -5.0% -6.1% \$ (326, 511)\$ (4,788,565) \$ (5,115,076) -6.0% 312.00 Boiler Plant Equipment 184,717,394 14,177,947 170,539,447 -5.0% -6.1% (708, 897)(10, 427, 198)(11,136,095) -6.0% 312.10 Boiler Plant Equipment - Ash Ponds 27,605,994 -5.0% 314.00 Turbogenerator Units 29,971,009 2,365,015 -6.1% (118,251) (1.687, 898)(1,806,149) -6.0% 1,708,185 20,277,975 -6.0% 315.00 Accessory Electric Equipment 21,986,160 -5.0% -6.1% (1,239,845)(1,325,254) (85,409) (174,085) 316.00 Miscellaneous Power Plant Equipment 3,091,711 244,503 2,847,208 -6.1% (174,085) -5.6% **Total Big Stone** \$ 324,614,674 \$25,025,866 \$ 299,588,808 -6.1% \$ (1,239,068) -5.0% \$ (18,317,590) \$ (19,556,659) -6.0% Hoot Lake Units 2 and 3 311.00 Structures and Improvements \$ 6,084,167 86,049 \$ 5,998,118 -5.0% -12.3% (4,302) (735,967) (740,269) -12.2% \$ \$ S \$ 312.00 Boiler Plant Equipment 38.203.868 504.608 37.699.260 -5.0% -12.3% (25,230) (4,625,684) (4,650,915) -12.2% 312.10 Boiler Plant Equipment - Ash Ponds 619,719 6,360,957 6,980,676 314.00 Turbogenerator Units 11.555,862 158,795 11,397,067 -5.0% -12.3% (7,940)(1,398,416)(1,406,355) -12.2% 315.00 Accessory Electric Equipment 2.766.673 38.827 2.727.846 -5.0% -12.3% (1,941) (334,706) (336,647) -12.2% 316.00 Miscellaneous Power Plant Equipment 1,157,884 15,040 1.142,844 -12.3% (140, 227)(140, 227)-12.1% Total Hoot Lake Units 2 and 3 \$ 66,749,130 \$ 1,423,037 65,326,093 \$ -2.8% -12.3% S (39, 414)\$ (7,234,999) \$ (7,274,413) -10.9% Coyote 311.00 Structures and Improvements \$ 33,353,489 2,264,392 31,089,097 -5.0% -8.8% (113,220) \$ (2,724,632) \$ (2,837,851) -8.5% S S S 312.00 Boiler Plant Equipment 92,275,899 6,221,740 86,054,159 -5.0% -8.8% (311,087) (7,541,739) (7,852,826) -8.5% 312.10 Boiler Plant Equipment - Ash Ponds 314.00 Turbogenerator Units 23,945,390 1,580,686 22,364,704 -5.0% -8.8% (79,034)(1,960,030) (2,039,065) -8.5% 315.00 Accessory Electric Equipment 11.842.989 797,629 11,045,360 -5.0% -8.8% (39, 881)(968,009)(1,007,891)-8.5% 316.00 Miscellaneous Power Plant Equipment 1.988.435 130.919 1.857.516 (162,792) -8.8% (162, 792)-8.2% **Total Coyote** \$ 163,406,202 \$10,995,366 \$ 152,410,836 -4.9% -8.8% \$ (543,222) \$ (13,357,202) \$ (13,900,425) -8.5% OTHER PRODUCTION Jamestown 341.00 Structures and Improvements S 305,657 \$ 5,729 \$ 299,928 -1.4% \$ \$ (4,203) (4,203) -1.4% s 342.00 Fuel Holders and Accessories 415,964 7,685 408,279 -1.4% (5,721)(5,721)-1.4% 343.00 Prime Movers 6,645,516 126,987 6,518,529 -1.4% (91,344)(91, 344)-1.4% 344.00 Generators 345.00 Accessory Electric Equipment 227,505 4.307 223,198 -1.4% (3, 128)(3, 128)-1.4% 346.00 Miscellaneous Power Plant Equipment 90.235 1.616 88.619 -1.4% (1,242)(1,242) -1.4% **Total Jamestown** \$ 7,684,877 146,325 7,538,552 -1.4% \$ (105,637) (105,637) S \$ \$ -1.4%

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OTTER TAIL POWER COMPANY Future Net Salvage Steam and Other Production

		12/31/15 Plant		Future Retirements				Net Salvage Rate			Future Net Salvage						
Account Description		Investment		Interim	Cui	Final	Interim Final		-	Interim	10	Final	je.	Total	Future Rate		
Account Description		B		C		D=B-C	F	F	-	G=C*E	H=D*F			I=G+H	J=1/B		
Lake Preston										0.07				108.55			
341.00 Structures and Improvements	\$	229,834	s	4,374	\$	225,460		-2.5%	s			(5,528)		15 500	-2.49		
342.00 Fuel Holders and Accessories	ø	328,705	Ð	6,222	Ð				Ф	- C			\$	(5,528)			
						322,483		-2.5%				(7,907)		(7,907)	-2.49		
distant visitia presidente		3,172,066		60,809		3,111,257		-2.5%				(76,285)		(76,285)	-2.49		
344.00 Generators												10 0000		the advect			
345.00 Accessory Electric Equipment		369,280		7,107		362,173		-2.5%				(8,880)		(8,880)	-2.49		
346.00 Miscellaneous Power Plant Equipment		21,607	-	413	-	21,194		-2.5%	-			(520)	_	(520)	-2.49		
Total Lake Preston	\$	4,121,492	\$	78,925	s	4,042,567		-2.5%	\$			6 (99,119)	\$	(99,119)	-2.49		
Solway Combustion Turbine																	
341.00 Structures and Improvements	s	4,411,779	\$	250,143	\$	4,161,636		-0.4%	\$			(17,084)	s	(17,084)	-0.49		
342.00 Fuel Holders and Accessories		1,003,596	16	56,952		946,644		-0.4%				(3.886)	1	(3,886)	-0.49		
343.00 Prime Movers		21,488,294		1,218,714		20,269,580		-0.4%				(83,211)		(83,211)	-0.49		
344.00 Generators												(00,211)		(00,211)	0.47		
345.00 Accessory Electric Equipment		1,305,578		73,955		1,231,623		-0.4%				(5,056)		(5,056)	-0.49		
346.00 Miscellaneous Power Plant Equipment		326,153		18,447		307,706		-0.4%				(1,263)		(1,263)	-0.49		
Total Solway Combustion Turbine	\$	28,535,400	S	1,618,210	S	26,917,190	_	-0.4%	S	-			\$	(110,501)	-0.49		
		20,000,100		1,01,0,210		20,011,100		0.110			1	(110,001)	*	(110,001)	0.47		
Ashtabula Wind Generation								1 001	1.2						2144		
341.00 Structures and Improvements		\$3,248,290		\$140,691	\$	3,107,599		-1.2%	\$		1	(38,716)	\$	(38,716)	-1.29		
342.00 Fuel Holders and Accessories								-1.2%									
343.00 Prime Movers		100000000		Service.		and a starting		-1.2%									
344.00 Generators		106,840,446		4,626,285		102,214,161		-1.2%				(1,273,435)		(1,273,435)	-1.29		
345.00 Accessory Electric Equipment		6,372,808		275,954		6,096,854		-1.2%				(75,958)		(75,958)	-1.29		
346.00 Miscellaneous Power Plant Equipment		28,417	-	1,218	-	27,199	_	-1.2%	1		1	(339)	100	(339)	-1,29		
Total Ashtabula Wind Generation	\$	116,489,961	\$	5,044,148	\$	111,445,813		-1.2%	\$		3	6 (1,388,447)	\$	(1,388,447)	-1.29		
Langdon Wind Generation																	
341.00 Structures and Improvements		\$2,484,069		\$101,520	S	2,382,549		-1.5%	s	1.		(36,003)	s	(36,003)	-1.49		
342.00 Fuel Holders and Accessories								-1.5%				(00,000)		(00,000)			
343.00 Prime Movers								-1.5%									
344.00 Generators		69,183,864		2.826.641		66.357.223		-1.5%				(1,002,735)		(1.002,735)	-1.49		
345.00 Accessory Electric Equipment		7.407.275		302,417		7,104,858		-1.5%				(107,363)		(107,363)	-1.49		
346.00 Miscellaneous Power Plant Equipment		65,210		2,631		62,579		-1.5%				(107,385) (946)		(107,363) (946)	-1.47		
Total Langdon Wind Generation	\$	79,140,418	\$	3,233,209	\$	75,907,209		-1.5%	\$				S	(1,147,046)	-1.49		
Total Languon milu Generation		10,140,410	φ	0,200,200	φ	10,001,200		-1.0 70	÷		1.1	(1,147,040)	- 44	(1,147,040)	-1.4		

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OTTER TAIL POWER COMPANY Future Net Salvage Steam and Other Production

Account Description	12/31/15 Plant	Future Retirements			Net Salvage Rate					Future			
	Investment	Interim		Final	Interim	Final		Interim		Final	-	Total	Rate
A	B	C		D=B-C	E	F	-	G=C*E	_	H=D*F		I=G+H	J=1/B
Luverne Wind Generation													
341.00 Structures and Improvements	\$2,266,581	\$103,681	\$	2,162,900		-2.1%	\$	-	\$	(45,537)	\$	(45,537)	-2.0%
342.00 Fuel Holders and Accessories										2			
343.00 Prime Movers													
344.00 Generators	65,488,631	2,995,133		62,493,498		-2.1%				(1.315,729)		(1,315,729)	-2.0%
45.00 Accessory Electric Equipment	4,863,837	222,485		4,641,352		-2.1%				(97,718)		(97,718)	-2.0%
346.00 Miscellaneous Power Plant Equipment	74,045	3,355		70,690		-2.1%				(1,488)		(1,488)	-2.0%
Total Luverne Wind Generation	\$ 72,693,094	\$ 3,324,653	\$	69,368,441		-2.1%	\$	· · · · ·	\$	(1,460,473)	\$	(1,460,473)	-2.0%
GENERAL PLANT													
390.10 General Office Buildings	\$5,712,599	\$214,521	s	5,498,078	-5.0%	51.8%	s	(10,726)	S	2,846,923	s	2,836,197	49.6%
390.20 Fleet Service Center Building	937,678	22,772		914,906	-5.0%	34.5%	10	(1,139)	1	315,851		314,712	33.6%
390.30 Central Stores Building	4,026,350	209,163		3,817,187	-5.0%	98.0%		(10,458)		3,739,918		3,729,460	92.6%

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OTTER TAIL POWER COMPANY Current and Updated Parameters Vintage Group Procedure

Current Parameters Updated Parameters P-Life/ P-Life/ Curve VG Rem. Avg. Fut. Curve VG Rem. Avg. Fut. Account Description AYFR Shape ASL Life Sal Sal. AYFR ASL Life Shape Sal. Sal. B С D E F G M H J κ 1 STEAM PRODUCTION 311.00 Structures and Improvements 52.83 24.22 -10.7 -10.2 37.88 27.20 -7.3 -7.0 312.00 Boiler Plant Equipment 33.36 18.11 -11.9 -10.6 31.46 22.18 -8.6 -7.5 312.10 Boiler Plant Equipment - Ash Ponds 33.36 18.11 -11.9-10.6 38.25 33.91 314.00 Turbogenerator Units 36.78 22.00 -4.8 -10.8 36.48 -2.6 -8.0 21.20 315.00 Accessory Electric Equipment 45.45 23.31 -10.6 -10.3 38.31 25.49 -7.4 -7.3 316.00 Miscellaneous Power Plant Equipment 32.82 19.58 -4.9 -10.5 30.12 18.80 -3.0 -7.6 **Total Steam Production Plant** 23.36 33.74 -7.3 -7.3 HYDRAULIC PRODUCTION 331.00 Structures and Improvements 18.16 6.45 -0.1 18.19 5.46 -0.1 332.00 Reservoirs, Dams and Waterways 12.13 6.45 1.7 12.12 5.46 1.7 333.00 Water Wheels, Turbines & Generators 13.16 6.45 -7.5 13.17 5.46 -7.5 334.00 Accessory Electric Equipment 19.85 6.45 -0.2 5.46 -0.2 19.86 335.00 Miscellaneous Power Plant Equipment 10.21 6.45 -0.5 10.21 5.46 -0.5 **Total Hydraulic Production Plant** 12.80 5.46 -0.5 OTHER PRODUCTION 341.00 Structures and Improvements 26.73 18.94 -1.2 -1.2 26.75 17.99 -1.1 -1.1 342.00 Fuel Holders and Accessories 26.47 14.94 -2.2 -1.0 -2.2 26.47 13.97 -1.0 343.00 Prime Movers 34.20 18.49 -1.1 -0.8 34.13 17.57 -1.3 -0.8 344.00 Generators 24.17 18.05 -1.5 -1.5 24.15 17.09 -1.5 -1.5 345.00 Accessory Electric Equipment 24.70 17.97 -1.4 -1.5 24.64 17.00 -1.4 -1.4 346.00 Miscellaneous Power Plant Equipment 25.56 18.23 -0.5 -1.0 22.91 16.04 1.2 -1.0 **Total Other Production Plant** 25.05 17.14 -1.4 -1.4 TRANSMISSION PLANT 353.00 Station Equipment 65.00 R1 -0.5 R1 65.15 52.75 -5.0 65.00 65.15 53.06 -0.7 -5.0 354.00 Towers and Fixtures 70.00 **R5** 70.00 -10.0 65.48 -10.0 70.00 **R5** 70.00 66.45 -10.0 -10.0 355.00 Poles and Fixtures 70.00 R2 70.36 53.90 -45.0 -50.0 70.00 R2 70.36 54,30 -45.2 -50.0 356.00 Overhead Conductors and Devices 70.00 R2 70.24 54.34 -25.7 -30.0 70.00 R2 70.23 55.22 -26.1 -30.0 358.00 Underground Conductors and Devices 40.00 **S**4 41.72 9.83 -7.3 -5.0 40.00 S4 42.08 9.36 -7.3 -5.0 **Total Transmission Plant** 69.00 56.93 -22.0 -25.5

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OTTER TAIL POWER COMPANY Current and Updated Parameters Vintage Group Procedure

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Updated Parameters Current Parameters 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. D E F G к L M в Ĉ H J DISTRIBUTION PLANT 362.00 Station Equipment 40.00 SC 40.64 32.19 7.4 5.0 40.00 SC 40.63 32.11 7.3 5.0 R3 -75.0 **R3** 364.00 Poles, Towers and Fixtures 68.00 68.08 47.99 -76.4 68.00 68.09 47.61 -76.5 -75.0 R2.5 -98.5 -100.0 R2.5 -98.3 -100.0 365.00 Overhead Conductors and Devices 65.00 65.20 43.86 65.00 65.21 43.53 40.00 R4 39.93 -5.0 39.95 24.39 367.00 Underground Conductors and Devices 40.00 24.61 -4.7 R4 -4.7 -5.0 368.00 Line Transformers 40.00 R2.5 40.13 28.29 48.7 50.0 40.00 R2.5 40.13 28.21 48.5 50.0 369.00 Overhead Services 55.00 **S**5 32.68 -154.8 -150.0 55.00 **S**5 55.23 32.19 -155.4 -150.0 55.21 369.10 Underground Services 45.00 R4 45.14 30.25 -20.2 -20.0 45.00 R4 45.15 29.99 -20.2 -20.0 370,00 Meters 28.00 L0.5 29.78 20.68 0.1 28.00 L0.5 29.71 20.69 0.1 **R5 R5** 370.10 Load Management Switches 12.00 12.12 2.79 12.00 12.31 2.12 370.20 Interruption Monitors 5.00 SQ 5.00 1.00 5.00 SQ 5.00 1.00 9.5 23.00 LO 371.20 Other Private Lighting 23.19 16.90 10.0 23.00 LO 23.17 16.83 9.3 10.0 373.00 Street Lighting and Signal Systems 22.00 L0.5 22.52 15.11 -3.9 -5.0 22.00 L0.5 22.55 15.03 -3.9 -5.0 **Total Distribution Plant** 42.02 -16.4 28.61 -18.5 GENERAL PLANT Depreciable 390.00 Structures and Improvements 47.00 R1.5 47.50 31.17 13.4 10.0 47.00 R1.5 47.53 30.54 13.4 10.0 390.10 General Office Buildings 2030 200-SC 33.05 15.18 38.4 49.7 2030 200-SC 32.96 14.22 38.4 49.6 390.20 Fleet Service Center Building 2025 200-SC 27.87 10.36 26.2 33.8 2025 200-SC 27.31 9.38 26.0 33.6 200-SC 91.0 92.7 2035 200-SC 49.71 18.98 92.6 390.30 Central Stores Building 2035 49.73 19.93 90.9 396.00 Power Operated Equipment 24.00 LO 26.04 17.28 21.7 20.0 24.00 26.23 16.89 21.7 20.0 LO 397.40 Communication Towers 40.00 R3 40.29 24.87 5.5 5.0 40.00 **R**3 40.35 24.13 5.5 5.0 **Total Depreciable** 42.53 23.94 26.2 27.6 Amortizable 391.00 Office Furniture 15.00 SQ 15.00 5.53 15.00 SQ 15.00 5.51 391.10 Office Equipment 10.00 SQ 10.00 4.34 10.00 SQ 10.00 3.46 391.20 Duplicating Equipment 10.00 SQ 10.00 3.53 10.00 SQ 10.00 4.44 391.50 Computer Systems 5.00 SQ 5.00 1.72 5.00 SQ 5.00 2.52 391.60 Computer Related Equipment 5.00 SQ 5.00 5.00 SQ 5.00 2.13 1.81 394.00 Tools, Shop and Garage Equipment 15.00 SQ 15.00 8.87 15.00 SQ 15.00 8.83 394.20 Automated Meter Reading Equipment SQ SQ 6.84 15.00 15.00 7.66 15.00 15.00 397.00 Communication Equipment 15.00 SQ 15.00 9.26 15.00 SQ 15.00 8.49

OTTER TAIL POWER COMPANY Current and Updated Parameters

Vintage Group Procedure

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Current Parameters Updated Parameters P-Life/ P-Life/ Curve VG Rem. Avg. Fut. Curve VG Rem. Avg. Fut. ASL Account Description AYFR Shape ASL Life Sal. Sal. AYFR Shape Life Sal. Sal. G В С D E J κ M SQ 397.10 Radio Telecommunication Equipment 10.00 SQ 10.00 5.83 10.00 10.00 4.83 397.20 Microwave Equipment 15.00 SQ 15.00 8.08 15.00 SQ 15.00 7.69 397.30 Radio Load Control Equipment 10.00 SQ 10.00 6.40 10.00 SQ 10.00 5.40 **Total Amortizable** 8.70 4.34 **Total General Plant** 9.09 16.90 9.9 16.8 TOTAL UTILITY 36.01 25.60 -10.8 -12.3 STEAM PRODUCTION **Big Stone** 311.00 Structures and Improvements 2046 200-SC 60.88 30.15 -11.8 -11.8 2046 200-SC 34.26 29.32 -6.1 -6.0 312.00 Boiler Plant Equipment 2046 200-SC 48.46 30.19 -13.9 -11.8 2046 200-SC 33.69 29.32 -7.1 -6.0 312.10 Boiler Plant Equipment - Ash Ponds 314.00 Turbogenerator Units 2046 200-SC -7.0 -11.8 2046 200-SC 43.25 29.29 -2.1 -6.0 44.26 30.21 315.00 Accessory Electric Equipment 2046 200-SC 53.30 30.17 -12.5 -11.8 200-SC 36.40 29.31 -6.0 2046 -6,4 316.00 Miscellaneous Power Plant Equipment 2046 200-SC 47.27 30.19 -6.9 -11.4 2046 200-SC 41.96 29.29 -3.3 -5.6 **Total Big Stone** 34.79 29.32 -6.3 -6.0 Hoot Lake Units 2 and 3 311.00 Structures and Improvements 2021 200-SC -12.7 2021 200-SC 36.71 36.74 6.44 -17.2 5.46 -16.8 -12.2 -12.7 200-SC 312.00 Boiler Plant Equipment 2021 200-SC 14.70 6.45 -15.4 2021 14.58 5.46 -16.6 -12.2 312.10 Boiler Plant Equipment - Ash Ponds 200-SC 2021 200-SC 14.70 6.45 -15.4 -12.7 2051 38.25 33.91 314.00 Turbogenerator Units 2021 200-SC 23.59 6.44 -11.5 -12.7 2021 200-SC 23.57 5.46 -11.0 -12.2 315.00 Accessory Electric Equipment 2021 200-SC 26.40 6.44 -14.5 -12.7 2021 200-SC 26,43 5,46 -14.0 -12.2 316.00 Miscellaneous Power Plant Equipment 2021 200-SC 16.36 6.45 -5.2 -12.6 2021 200-SC 14.31 5.46 -5.3 -12.1 Total Hoot Lake Units 2 and 3 18.32 6.88 -13.8 -10.9 Coyote 311.00 Structures and Improvements 2041 200-SC 52.50 25.55 -8.7 -8.6 2041 200-SC 52.25 24.62 -8.6 -8.5 312.00 Boiler Plant Equipment 2041 200-SC 25.56 2041 200-SC 48.13 48.94 -8.3 -8.6 24.63 -8.2 -8.5 312.10 Boiler Plant Equipment - Ash Ponds 314.00 Turbogenerator Units 2041 200-SC 39.24 25.59 0.2 -8.6 2041 200-SC 39.15 -8.5 24.65 0.3 315.00 Accessory Electric Equipment 2041 200-SC 47.93 25.56 -8.3 -8.6 2041 200-SC 48.02 24.63 -7.8 -8.5 316.00 Miscellaneous Power Plant Equipment 2041 200-SC 39.13 25.58 -2.5 -8.3 2041 200-SC 37.89 24.65 -8.2 -1.8 **Total Coyote** 47.14 24.63 -6.7 -8.5

OTTER TAIL POWER COMPANY Current and Updated Parameters Vintage Group Procedure

			Ci	Irrent Pa	arameter	S			Up	dated Par	ameters		
August Burghala	P-L		Curve	VG	Rem.	Avg.	Fut.	P-Life/	Curve	VG	Rem.	Avg.	Fut
Account Descriptio		-	Shape	ASL	Life	Sal.	Sal.	AYFR	Shape	ASL	Life	Sal.	Sal
	-	e	c	D	E	6	G	н	,	J	к	L	M
IYDRAULIC PRODUCTION													
foot Lake					~								
331.00 Structures and Improvement		021	200-SC	61.02	6.44			2021	200-SC	61.16	5.46		
32.00 Reservoirs, Dams and Wa		021	200-SC	29.85	6.44	-0.1		2021	200-SC	29.89	5.46	-0.1	
33.00 Water Wheels, Turbines 8		021	200-SC	36.00	6.44			2021	200-SC	36.08	5.46		
34.00 Accessory Electric Equipn		021	200-SC	30.62	6.44			2021	200-SC	30.68	5.46		
35.00 Miscellaneous Power Plan	t Equipment 2	021	200-SC	8.91	6.45	_		2021	200-SC	8.91	5.46		_
Total Hoot Lake										26.94	5.46		
Wright													
331.00 Structures and Improvement	ents 2	021	200-SC	30.62	6.44			2021	200-SC	30.68	5.46		
32.00 Reservoirs, Dams and Wa		021	200-SC	9.58	6.45	27.2		2021	200-SC	9.58	5.46	27.1	
33.00 Water Wheels, Turbines 8		021	200-SC	9.28	6.45	-3.6		2021	200-SC	9.29	5.46	-3.6	
34.00 Accessory Electric Equipn	nent 2	021	200-SC	17.75	6.45			2021	200-SC	17.78	5.46		
35.00 Miscellaneous Power Plan		021	200-SC	12.19	6.45	-0.7		2021	200-SC	12.20	5.46	-0.7	
Total Wright										10.23	5.46	12.4	-
Pisgah													
331.00 Structures and Improvement	ents 2	021	200-SC	38.62	6.44			2021	200-SC	38.70	5,46		
32.00 Reservoirs, Dams and Wa		021	200-SC	12.95	6.45			2021	200-SC	12.97	5.46		
333.00 Water Wheels, Turbines &		021	200-SC	15.85	6.45	-15.0		2021	200-SC	15.87	5.46	-15.0	
334.00 Accessory Electric Equipn		021	200-SC	17.81	6.45	-0.3		2021	200-SC	17.73	5.46	-0.3	
35.00 Miscellaneous Power Plan		021	200-SC	8.91	6.45	-0.6		2021	200-SC	8.91	5.46	-0.6	
Total Pisgah		021	200 00	0.01	0.40	-0.0		2021	200.00	13.65	5.46	-3.4	
Dayton Hollow										10.00	0.40	0.4	
		004	200-SC	9.92	6.45			2021	200-SC	9,93	5,46		
		021	200-SC 200-SC			-10.2			200-SC	9.93		40.0	
32.00 Reservoirs, Dams and Wa		021		10.67	6.45			2021			5.46	-10.2	
333.00 Water Wheels, Turbines &		021	200-SC	14.14	6.45	-10.2		2021	200-SC	14.16	5.46	-10.2	
334.00 Accessory Electric Equipn		021	200-SC	21.28	6.45	0.1		2021	200-SC	21.32	5.46	0.1	
35.00 Miscellaneous Power Plar Total Dayton Hollow	t Equipment	021	200-SC	8,93	6,45	-0.2		2021	200-SC	8.93	5.46	-0.2	

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			C	urrent Pa	arameter	5			Up	dated Par	ameters		
		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	1	J	ĸ	L	M
Taplin (Gorge												
331.00	Structures and Improvements	2021	200-SC	74.10	6.44			2021	200-SC	74.27	5.45		
332.00	Reservoirs, Dams and Waterways	2021	200-SC	16.27	6.45	-4.8		2021	200-SC	16.29	5.46	-4.8	
333.00	Water Wheels, Turbines & Generators	2021	200-SC	81.70	6.44			2021	200-SC	81.90	5.45		
334.00	Accessory Electric Equipment	2021	200-SC	22.12	6.45	-0.3		2021	200-SC	22.15	5.46	-0.3	
335.00	Miscellaneous Power Plant Equipment	2021	200-SC	11.72	6.45	-0.4		2021	200-SC	11.73	5.46	-0.4	
To	al Taplin Gorge			_				_		16.59	5.46	-3.6	-
Bemidi													
331.00	Structures and Improvements	2021	200-SC	13.16	6.45	-0.1		2021	200-SC	13.18	5.46	-0.1	
332.00	Reservoirs, Dams and Waterways	2021	200-SC	13.09	6.45	-0.6		2021	200-SC	13.00	5.46	-0.6	
333.00	Water Wheels, Turbines & Generators	2021	200-SC	19.59	6.45	-11.2		2021	200-SC	19.62	5.46	-11.2	
334.00	Accessory Electric Equipment	2021	200-SC	72.95	6.44	-17.7		2021	200-SC	73.00	5.45	-17.7	
335.00	Miscellaneous Power Plant Equipment	2021	200-SC	11.86	6.45	-5.5		2021	200-SC	11.87	5.46	-5.5	
To	al Bemidji									14.23	5.46	-3.1	
OTHER	PRODUCTION												
Jamest	own												
341.00	Structures and Improvements			23.60	8.41	-1.5	-1.4			23.63	7.43	-1.5	-1
342.00	Fuel Holders and Accessories			17.06	8.41	-4.8	-1.4			17.04	7.43	-4.8	-1
343.00	Prime Movers			35.48	8.40	-2.9	-1.4			35.52	7.42	-2.9	-1
344.00	Generators												
345.00	Accessory Electric Equipment			28.85	8.41	2.1	-1.4			23.23	7.43	1.9	-1
346.00	Miscellaneous Power Plant Equipment			18.62	8.41	-1.0	-1.4			12.24	7.43	7.1	-1
To	tal Jamestown		_	_						31.81	7.43	-2.7	-1
Jamest	own Unit 1												
341.00	Structures and Improvements	2023	200-SC	24.44	8.41	-1.6	-1.4	2023	200-SC	24.47	7.43	-1.6	-1
342.00	Fuel Holders and Accessories	2023	200-SC	16.47	8.41	-4.8	-1.4	2023	200-SC	16.48	7.43	-4.8	-1
343.00	Prime Movers	2023	200-SC	32.73	8.40	-4.1	-1.4	2023	200-SC	32.77	7.43	-4.1	-1
344.00	Generators	The state of the											
345.00	Accessory Electric Equipment	2023	200-SC	46.84	8.40	-1.1	-1.4	2023	200-SC	46.94	7.42	-1.1	-1
346.00	Miscellaneous Power Plant Equipment	2023	200-SC	17.28	8.41	-1.1	-1.4	2023	200-SC	11.80	7.43	5.3	-1
To	tal Jamestown Unit 1			_			-		1000	28.43	7.43	-3.6	-

OTTER TAIL POWER COMPANY

Current and Updated Parameters Vintage Group Procedure

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		Sector Sector			arameters	S		-		dated Par	ameters	-	_
		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	1	ý	к	L	M
Jamest	own Unit 2												
341.00	Structures and Improvements	2023	200-SC	17.00	8.41	-1.4	-1.4	2023	200-SC	17.02	7.43	-1.4	-1,
342.00	Fuel Holders and Accessories	2023	200-SC	26.95	8.40	-4.6	-1.4	2023	200-SC	26.25	7.42	-4.6	-1
343.00	Prime Movers	2023	200-SC	37.88	8.40	-2.0	-1.4	2023	200-SC	37.93	7.42	-2.0	-1
344.00	Generators												
345.00	Accessory Electric Equipment	2023	200-SC	15.33	8.41	8.0	-1.4	2023	200-SC	11.14	7.43	6.3	-1
346.00	Miscellaneous Power Plant Equipment	2023	200-SC	37.52	8.40	-0.5	-1.4	2023	200-SC	36.69	7.42	14.7	-1
To	tal Jamestown Unit 2									35.91	7.42	-1.8	-1
Lake P	reston												
341.00	Structures and Improvements	2023	200-SC	29.12	8.40	-2.4	-2.4	2023	200-SC	29.16	7.43	-2.4	-2
342.00		2023	200-SC	28.17	8.40	-2.7	-2.4	2023	200-SC	28.16	7.43	-2.7	-2
343.00	Prime Movers	2023	200-SC	39.12	8.40	-2.5	-2.4	2023	200-SC	39.18	7.42	-2.5	-2
344.00	Generators												
345.00	Accessory Electric Equipment	2023	200-SC	41.94	8.40	-2.4	-2.4	2023	200-SC	42.02	7.42	-2.4	-2
346.00	Miscellaneous Power Plant Equipment	2023	200-SC	38.99	8.40	8.2	-2.4	2023	200-SC	39.06	7.42	8.2	-2
To	tal Lake Preston		-							37.52	7.42	-2.4	-2
Ashtab	ula Wind Generation												
341.00	Structures and Improvements	2033	200-SC	24.27	18.07	-1.2	-1.2	2033	200-SC	24.29	17.11	-1.2	-1
342.00	Fuel Holders and Accessories												
343.00	Prime Movers												
344.00	Generators	2033	200-SC	24.17	18.07	-1.2	-1.2	2033	200-SC	24.14	17.11	-1.2	-1
345.00	Accessory Electric Equipment	2033	200-SC	24.16	18.07	-1.2	-1.2	2033	200-SC	24.18	17.11	-1.2	-1
346.00	Miscellaneous Power Plant Equipment	2033	200-SC	20.46	18.07	-1.2	-1.2	2033	200-SC	20.46	17.11	-1.2	-1
To	tal Ashtabula Wind Generation				_					24.15	17.11	-1.2	-1
Langdo	on Wind Generation												
341.00	Structures and Improvements	2032	200-SC	24.29	17.11	-1.5	-1.5	2032	200-SC	24.31	16.15	-1.4	-1
342.00	Fuel Holders and Accessories												
343.00	Prime Movers												
344.00	Generators	2032	200-SC	24.15	17.11	-1.5	-1.5	2032	200-SC	24.13	16.15	-1.4	-1
345.00	Accessory Electric Equipment	2032	200-SC	23.80	17.11	-1.5	-1.5	2032	200-SC	23.82	16.15	-1.4	-1
346.00	Miscellaneous Power Plant Equipment	2032	200-SC	19.38	17.12	-1.5	-1.5	2032	200-SC	19.39	16.16	-1.5	-1
To	tal Langdon Wind Generation			-	1			200		24.10	16.15	-1.4	-1

OTTER TAIL POWER COMPANY

Current and Updated Parameters Vintage Group Procedure

		1.11.11	C	urrent Pa	arameter	S	1.1.81		Up	dated Par	ameters		
	Account Description	P-Life/ AYFR	Curve Shape	VG ASL	Rem. Life	Avg. Sal.	Fut. Sal.	P-Life/ AYFR	Curve Shape	VG ASL	Rem. Life	Avg. Sal.	Fut. Sal.
	A	B	C	D	E	F	G	н	1	J	K	L	M
uverne	Wind Generation				1.00							1.1	
341.00	Structures and Improvements	2034	200-SC	24.26	19.02	-2.0	-2.0	2034	200-SC	24.27	18.07	-2.0	-2.
342.00	Fuel Holders and Accessories	and i			A PC BR					8.08r	10.01		
343.00	Prime Movers												
344.00	Generators	2034	200-SC	24.18	19.02	-2.0	-2.0	2034	200-SC	24.17	18.07	-2.0	-2.
345.00	Accessory Electric Equipment	2034	200-SC	24.25	19.02	-2.0	-2.0	2034	200-SC	24.26	18.07	-2.0	-2
46.00	Miscellaneous Power Plant Equipment	2034	200-SC	20.58	19.02	-2.0	-2.0	2034	200-SC	20.58	18.07	-2.0	-2.
	al Luverne Wind Generation									24.17	18.07	-2.0	-2.
Solway	Combustion Turbine												
341.00	Structures and Improvements	2038	200-SC	32.95	22.79	-0.4	-0.4	2038	200-SC	32.98	21.85	-0.4	-0.
42.00	Fuel Holders and Accessories	2038	200-SC	33.45	22.79	-0.4	-0.4	2038	200-SC	33.48	21.85	-0.4	-0
343.00	Prime Movers	2038	200-SC	33.22	22.79	-0.4	-0.4	2038	200-SC	33.10	21.85	-0.7	-0
344.00	Generators												
345.00	Accessory Electric Equipment	2038	200-SC	33.22	22.79	-0.4	-0.4	2038	200-SC	32.42	21.85	-0.4	-0.
346.00	Miscellaneous Power Plant Equipment	2038	200-SC	32.09	22.79	-0.4	-0.4	2038	200-SC	32.11	21.85	-0.4	-0.
Tot	al Solway Combustion Turbine									33.05	21.85	-0.6	-0,
ergus	Falls Control Center												
341.00	Structures and Improvements												
342.00	Fuel Holders and Accessories												
343.00	Prime Movers	2030	200-SC	33.94	15.18	0.6		2030	200-SC	33.99	14.22	0.6	
344.00	Generators												
345.00	Accessory Electric Equipment												
346.00	Miscellaneous Power Plant Equipment		_										
	al Fergus Falls Control Center		_							33.99	14.22	0.6	_

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OTTER TAIL POWER COMPANY Plant Activity for 2015

a selete status - en betalen in		Beginning		a water to		and a start of the start of the	240 C		Smith		Ending
Account Description	_	Balance	-	Additions	F	Retirements	Adjustments	_	Transfers	_	Balance
A		В		C		D	E		F		G
STEAM PRODUCTION											
311.00 Structures and Improvements	\$	61,217,980	\$	63,405,719	\$	289,384			(\$48,259)	\$	124,286,05
312.00 Boiler Plant Equipment		210,531,164		136,145,735		24,547,320			(6,932,417)		315,197,16
312.10 Boiler Plant Equipment - Ash Pond									6,980,676		6,980,67
314.00 Turbo Generator Units		64,778,484		1,550,083		856,307					65,472,20
315.00 Accessory Electric Equipment		24,055,622		12,909,819		369,621					36,595,83
316.00 Misc. Power Plant Equipment		5,465,565		862,224		89,759					6,238,03
Total Steam Production	\$	366,048,815	\$	214,873,581	\$	26,152,390				\$	554,770,00
HYDRAULIC PRODUCTION											
331.00 Structures and Improvements	\$	351,712								\$	351.7
332.00 Reservoirs, Dams and Waterways	1	4,264,061		12,994							4,277.0
333.00 Water Wheels, Turbines and Gen.		1.373.867									1,373,8
334.00 Accessory Electric Equipment		592,400									592.4
335.00 Misc. Power Plant Equipment		442,624									442.6
Total Hydraulic Production	\$	7,024,664	\$	12,994	\$					\$	7,037,6
OTHER PRODUCTION											in the second
341.00 Structures and Improvements	\$	12,946,209								s	12,946,20
342.00 Fuel Holders and Accessories		1,748,266								*	1.748.20
343.00 Prime Movers		31,809,695		182.859		95,040					31,897,5
344.00 Generators		241,245,031		876,650		608,740					241,512,9
345.00 Accessory Electric Equipment		20.524.064		87,430		65,212					20,546,2
346.00 Misc. Power Plant Equipment		590,942		29,500		14,774					605.6
Total Other Production	\$	308,864,206	\$	1,176,439	\$	783,765				\$	309,256,8
TRANSMISSION PLANT											- contract day
353.00 Station Equipment	s	79,546,489	\$	6,774,458	s	549,298		\$	(303,581)	s	85,468.0
354.00 Towers and Fixtures		44,899,477		38,910,440		101010000			2.075,127	1	85,885.0
355.00 Poles and Fixtures		99,696,518		9,947,885		367,304			(2.058,769)		107,218,33
356.00 Overhead Conductors and Devices		91,542,146		10,997,031		307,231			(16,359)		102,215,5
358.00 Underground Conductors and Devices		77,461							· · · · · · · · · · · · · · · · · · ·		77.40
Total Transmission Plant	\$	315,762,090	\$	66.629.813	\$	1,223,832		\$	(303,581)	\$	380,864,4

OTTER TAIL POWER COMPANY Plant Activity for 2015

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	Beginning									Ending
Account Description	Balance	- 1	Additions	R	etirements	Adjustments	1	Transfers	~	Balance
A	В		C		D	E		F		G
DISTRIBUTION PLANT										
362.00 Station Equipment	\$ 74,334,664	\$	2,680,086	\$	1,735,567		\$	216,773	\$	75,495,95
364.00 Poles, Towers and Fixtures	67,912,729		1,619,110		103,077					69,428,76
365.00 Overhead Conductors and Devices	48,201,537		1,100,587		147,768			(9,089)		49,145,26
367.00 Underground Conductors and Devices	69,172,477		2,750,042		263,127			16,886		71,676,27
368.00 Line Transformers	85,366,296		4,849,271		521,544			67,990		89,762,01
369.00 Overhead Services	12,630,691		227,237		20,887			200		12.837.24
369.10 Underground Services	37.979.687		1.676.571		47,075					39,609,18
370.00 Meters	23,663,645		1,284,430		704,860					24,243,21
370.10 Load Management Switches	8,701,822		1100 N 120		20,767					8.681.05
370.20 Interruption Monitors	77.857				41,275					36.58
371.20 Other Private Lighting	4,348,944		282,471		149,037			(200)		4,482,17
373.00 Street Lighting and Signal Systems	4,982,666		259,850		85,536			(5,156,98
Total Distribution Plant	\$ 437,373,015	\$	16,729,654	\$	3,840,521		\$	292,560	\$	450,554,70
GENERAL PLANT										
390.00 Structures and Improvements	\$ 19,725,895	\$	84,622	\$	55,818			(\$18,765)	\$	19,735,93
390.10 General Office Buildings	5,710,057		2,542							5,712,59
390.20 Fleet Service Center Buildings	931,469		10,740		4,531					937,67
390.30 Central Stores Building	4,022,537							3,813		4,026,35
391.00 Office Furniture	1,519,789		3,496		222,627			14,952		1,315,6
391.10 Office Equipment	828,799		2,275		22,843					808,23
391.20 Duplicating Equipment	401,136		32,207		and the second					433,34
391.50 Computer Systems	4,245,167		591,899							4,837,06
391.60 Computer Related Equipment	1,801,698		261,991					23,948		2,087,63
394.00 Tools, Shop and Garage Equipment	3,806,191		336,075		190,325			(23,948)		3,927,99
394.20 Automated Meter Reading Equipment	603,637		13,934							617.57
396.00 Power Operated Equipment	605,062		1000							605,06
397.00 Communication Equipment	896,010				22,429					873,58
397.10 Radio Telecommunications Equipment	1,208,657				1,660					1,206,99
397.20 Microwave Equipment	4,377,222		317,670		69,248					4,625,64
397.30 Radio Load Control Equipment	317,859									317,85
397.40 Communication Equipment - Towers	 1,879,323			-	2,353		_	11,792		1,888,76
Total General Plant	\$ 52,880,507	\$	1,657,450	\$	591,834		\$	11,792	\$	53,957,91
TOTAL DEPRECIABLE PLANT	\$ 1,487,953,298	\$	301.079.931	\$	32,592,342		5	770	\$	1,756,441,65

Statement H

OTTER TAIL POWER COMPANY Analysis of Depreciation Reserve for 2015

				Cre	dits			De	bits					
Account Description		Beginning Balance		Accruals		Gross Salvage	F	Retirements	4.	Cost of Removal	O	ther Credits (Debits)		Ending Balance
A		В		C		D		E		F	-	G	-	н
STEAM PRODUCTION							1							
311.00 Structures and Improvements 312.00 Boiler Plant Equipment 312.10 Boiler Plant Equipment - Ash Pond	\$	47,674,634 134,192,065	\$	854,964 5,827,377		35,882	\$	289,384 24,547,320	\$	18,093 1,452,918	\$	(53,240) (2,278,523) 2,331,763	\$	48,168,88 111,776,56 2,331,76
14.00 Turbo Generator Units		39,755,612		1,541,090				856,307		14,062		2,331,703		40,426,33
315.00 Accessory Electric Equipment 316.00 Misc. Power Plant Equipment		16,827,164 3,196,628		430,296 153,965		37,863 25,254		369,621 89,759		1,024				16,924,67
Total Steam Production	\$	241,646,103	\$	8,807,692	\$	99,000	\$	26,152,390	\$	1,486,233	\$	-	\$	222,914,17
HYDRAULIC PRODUCTION														
31.00 Structures and Improvements	\$	213,672	\$	18,580									\$	232,25
32.00 Reservoirs, Dams and Waterways 33.00 Water Wheels, Turbines and Gen.		1,591,613 883,809		359,808 65,959										1,951,42
34.00 Accessory Electric Equipment		384,002		28,049										412,05
335.00 Misc. Power Plant Equipment Total Hydraulic Production	T	121,264	\$	43,252 515,648	5		S	-	s		5		\$	164,51 3,710,00
THER PRODUCTION	φ	3,134,005		515,040	Ŷ		φ		φ			-	φ	3,710,00
341.00 Structures and Improvements	s	3,755,151	\$	468,960									\$	4,224,11
42.00 Fuel Holders and Accessories		777,498		62,056										839,55
43.00 Prime Movers 344.00 Generators		15,507,645 55,818,760		814,999 9,947,164		3,800		95,040 608,740		55,500 51,800				16,172,10
345.00 Accessory Electric Equipment		5,353,889		817,132		7,500		65,212		7,500				65,109,18 6,105,81
346.00 Misc. Power Plant Equipment	-	169,849	-	22,273		11,200	-	14,774	_		_		_	188,54
Total Other Production	\$	81,382,792	\$	12,132,584	\$	22,500	\$	783,765	\$	114,800	\$		\$	92,639,31
TRANSMISSION PLANT 353.00 Station Equipment	æ	18,443,973	\$	1.258.452		16,192		549,298		00 700		124 504		40.070.04
354.00 Towers and Fixtures	Ф	3,316,776	φ	1,256,452	\$	10,192	\$	549,296	\$	66,782	\$	(31,594) 3,997	\$	19,070,94
355.00 Poles and Fixtures		45,131,292		2,000,211		57,860		367,304		151,535		(3,740)		46,666,78
356.00 Overhead Conductors and Devices 358.00 Underground Conductors and Devices		36,194,522 70,392		1,670,516 1,059		26,331		307,231		104,323		(257)		37,479,55
Total Transmission Plant	\$	103,156,956	\$	6,254,530	\$	100,383	\$	1,223,832	\$	322,640	\$	(31,594)	\$	107,933,80

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Statement H

OTTER TAIL POWER COMPANY Analysis of Depreciation Reserve for 2015

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		Cr	redits			De	bits					
	Beginning			Gross	-			Cost of	Oth	ner Credits		Ending
Account Description	Balance	Accruais		Salvage	R	letirements		Removal		(Debits)		Balance
A	В	C	-	D		E		F		G		н
DISTRIBUTION PLANT												
362.00 Station Equipment	\$ 20,417,406	\$ 1,563,381	\$	278,879	\$	1,735,567	\$	237,204	\$	28,652	\$	20,315,54
364.00 Poles, Towers and Fixtures	37,773,763	1,685,329		109,106		103,077		265,194				39,199,92
365.00 Overhead Conductors and Devices	37,341,602	1,340,952		52,558		147,768		125,305		(217)		38,461,82
367.00 Underground Conductors and Devices	32,716,632	1,628,484		38,951		263,127		63,816		710		34,057,83
368.00 Line Transformers	12,691,280	1,080,165		405,508		521,544		361,287		1,494		13,295,61
369.00 Overhead Services	14,243,376	527,910		1,559		20,887		120,586		65		14,631,43
369.10 Underground Services	15,620,362	991,724				47,075		31,800				16,533,21
370.00 Meters	8,131,156	766,636		1,939		704,860		1				8,194,87
370.10 Load Management Switches	5,710,390	838,869				20,767		3				6,528,48
370.20 Interruption Monitors	57,408	15,571				41,275						31,70
371.20 Other Private Lighting	1,068,937	170,083		10,696		149,037		9,471		(65)		1,091,14
373.00 Street Lighting and Signal Systems	2,692,808	170,091		2,636		85,536		4,269				2,775,73
Total Distribution Plant	\$ 188,465,119	\$ 10,779,196	\$	901,832	\$	3,840,521	\$	1,218,937	\$	30,639	\$	195,117,32
GENERAL PLANT												
390.00 Structures and Improvements	\$ 5,053,735	\$ 400,197	\$	731	\$	55,818	\$	4,218	\$	(235)	\$	5,394,39
390.10 General Office Buildings	2,424,733	21,356										2,446,08
390.20 Fleet Service Center Buildings	490,532	7,190				4,531						493,19
390.30 Central Stores Building	1,974,815	(82,675))							22		1,892,16
391.00 Office Furniture	949,639	96,223				222,627				213		823,44
391.10 Office Equipment	454,212	82,626				22,843						513,99
391.20 Duplicating Equipment	247,545	40,650										288,19
391.50 Computer Systems	2,258,913	855,626										3,114,53
391.60 Computer Related Equipment	968,006	372,588								9,871		1,350,46
394.00 Tools, Shop and Garage Equipment	1,540,891	251,091				190,325				(9,871)		1,591,78
394.20 Automated Meter Reading Equipment	299,654	40,242										339,89
396.00 Power Operated Equipment	199,653	16,700										216,35
397.00 Communication Equipment	327,755	59,734				22,429						365,06
397.10 Radio Telecommunications Equipment	477,274	120,866				1,660						596,48
397.20 Microwave Equipment	1,957,486	294,091				69,248		242				2,182,08
397.30 Radio Load Control Equipment	98,985	31,786				1.1.1.1				di ta		130,77
397.40 Communication Equipment - Towers	818,202	37,678			-	2,353	-			960	-	854,48
Total General Plant	\$ 20,542,030	\$ 2,645,968	\$	731	\$	591,834	\$	4,461	\$	960	\$	22,593,39
TOTAL DEPRECIABLE PLANT	\$ 638,387,359	\$ 41,135,618	\$	1,124,446	\$	32,592,342	\$	3,147,070	\$	5	\$	644,908,01

OTTER TAIL POWER COMPANY

Summary of Annual Depreciation Accruals for 2015

	Beginning Plant	Est. Fut	ure	Net Salvage	5	Beginning Depreciation		Net	Projection	Remaining	Annual	Accrua
Account Description	Balance	Percent		Amount		Reserve		Balance	Life (Yrs.)	Life (Yrs.)	Accrual	Rate
A	в	C		D		E		F=B-D-E	G	н	I=F/H	J=I/B
STEAM PRODUCTION												
311.00 Structures and Improvements	\$ 61,217,980	-10.3%	\$	(6,305,452)	\$	47,674,634	\$	19,848,798		25.04	\$ 792,684	1.299
12.00 Boiler Plant Equipment	210,531,164	-10.8%		(22,737,366)		134,192,065		99,076,465		20.50	4,832,998	2.309
12.10 Boiler Plant Equipment - Ash Pond												
14.00 Turbo Generator Units	64,778,484	-11.0%		(7,125,633)		39,755,612		32,148,506		23.87	1,346,816	2.089
15.00 Accessory Electric Equipment	24,055,622	-10.5%		(2,525,840)		16,827,164		9,754,299		23.70	411,574	1.719
16.00 Misc. Power Plant Equipment	5,465,565	-10.8%		(590,281)		3,196,628		2,859,218		19.71	145,064	2.65%
Total Steam Production	\$ 366,048,815	-10.7%	\$	(39,284,572)	\$	241,646,103	\$	163,687,285		21.74	\$ 7,529,136	2.06
YDRAULIC PRODUCTION												
31.00 Structures and Improvements	\$ 351,712		\$		\$	213,672	\$	138,039		7.43	\$ 18,579	5.28
32.00 Reservoirs, Dams and Waterways	4,264,061					1,591,613		2,672,448		7.43	359,683	8.449
33.00 Water Wheels, Turbines and Gen.	1,373,867					883,809		490,058		7.43	65,957	4.809
34.00 Accessory Electric Equipment	592,400					384,002		208,398		7.43	28,048	4.739
35.00 Misc. Power Plant Equipment	442,624					121,264		321,361		7.43	43,252	9.779
Total Hydraulic Production	\$ 7,024,664		\$		\$	3,194,359	\$	3,830,305		7.43	\$ 515,519	7.349
THER PRODUCTION												
341.00 Structures and Improvements	\$ 12,946,209	-1.2%	\$	(155,355)	\$	3,755,151	\$	9,346,412		19.84	\$ 471,089	3,649
42.00 Fuel Holders and Accessories	1,748,265	-1.0%		(17,483)		777,498		988,251		15.91	62,115	3.55%
43.00 Prime Movers	31,809,695	-0.8%		(254,478)		15,507,645		16,556,527		19.41	852,990	2.689
44.00 Generators	241,245,031	-1.5%		(3,618,675)		55,818,760		189,044,946		19.01	9,944,500	4.129
45.00 Accessory Electric Equipment	20,524,064	-1.5%		(307,861)		5,353,889		15,478,036		18.90	818,944	3.99
346.00 Misc. Power Plant Equipment	590,942	-0.8%		(4,728)		169,849		425,821		19.21	22,167	3.759
Total Other Production	\$ 308,864,206		\$	(4,358,579)	\$	81,382,792	\$	231,839,992		19.05	\$ 12,171,804	3.949
RANSMISSION PLANT												
53.00 Station Equipment	\$ 79,546,489	-5.0%	\$	(3,977,324)	\$	18,443,973	\$	65,079,840	65.00	52.96	\$ 1,228,849	1.549
54.00 Towers and Fixtures	44,899,477	-10.0%		(4,489,948)		3,316,776		46,072,648	70.00	55.88	824,493	1.849
55.00 Poles and Fixtures	99,696,518	-50.0%		(49,848,259)		45,131,292		104,413,485	70.00	53.85	1,938,969	1.949
56.00 Overhead Conductors and Devices	91,542,146	-30.0%		(27,462,644)		36,194,522		82,810,267	70.00	53.33	1,552,790	1.70
58.00 Underground Conductors and Devices	 77,461	-5.0%	÷.,	(3,873)	-	70,392	-	10,941	40.00	10.33	1,059	1.379
Total Transmission Plant	\$ 315,762,090	-27.2%	\$	(85,782,048)	\$	103,156,956	\$	298,387,182		53.80	\$ 5,546,159	1.769

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OTTER TAIL POWER COMPANY Summary of Annual Depreciation Accruals for 2015

		Beginning Plant	Est. Fut	ure	Net Salvage	t	Beginning Depreciation		Net	Projection	Remaining		Annual	Accrua
Account Description		Balance	Percent	_	Amount		Reserve		Balance	Life (Yrs.)	Life (Yrs.)		Accrual	Rate
A		В	C		D		E		F=B-D-E	G	н		I=F/H	J=I/B
DISTRIBUTION PLANT														
62.00 Station Equipment	\$	74,334,664	5.0%	\$	3,716,733	\$	20,417,406	\$	50,200,525	40.00	32.24	\$	1,557,088	2.09%
64.00 Poles, Towers and Fixtures		67,912,729	-75.0%	1	(50,934,547)		37,773,763	1	81,073,513	68.00	48.37	1	1,676,111	2.479
65.00 Overhead Conductors and Devices		48,201,537	-100.0%		(48,201,537)		37,341,602		59,061,473	65.00	44.11		1,338,959	2.789
67.00 Underground Conductors and Devices		69,172,477	-5.0%		(3,458,624)		32,716,632		39,914,468	40.00	24.63		1,620,563	2.349
68.00 Line Transformers		85,366,296	50.0%		42,683,148		12,691,280		29,991,868	40.00	28,20		1,063,541	1.259
69.00 Overhead Services		12,630,691	-150.0%		(18,946,037)		14,243,376		17.333,351	55.00	32,98		525,572	4.169
69.10 Underground Services		37,979,687	-20.0%		(7,595,937)		15,620,362		29,955,263	45.00	30.51		981,818	2.599
70.00 Meters		23,663,645	10.012		A too street		8,131,156		15,532,489	28.00	20.69		750,724	3.179
70.10 Load Management Switches		8,701,822					5,710,390		2,991,432	12.00	3.56		840,290	9.66%
70.20 Interruption Monitors*		77,857					57,408		20,449	5.00	1.97		010,200	0.007
71.20 Other Private Lighting		4.348,944	10.0%		434,894		1,068,937		2,845,113	23.00	17.01		167,261	3.859
73.00 Street Lighting and Signal Systems		4,982,666	-5.0%		(249,133)		2,692,808		2,538,992	22.00	15.24		166.601	3.349
Total Distribution Plant	\$	437,373,015	-18.9%	\$	(82,551,040)	\$	188,465,119	\$	331,458,936		31.01	\$	10,688,529	2.449
SENERAL PLANT														
90.00 Structures and Improvements	\$	19,725,895	10.0%	s	1,972,590	s	5,053,735	\$	12,699,571	47.00	31.71	S	400,491	2.039
90.10 General Office Buildings	10	5,710,057	51.5%	0	2,940,679		2,424,733	0	344,645	- state	16,14	-	21,353	0.379
90.20 Fleet Service Center Buildings		931,469	38.6%		359,547		490,532		81,390		11.32		7,190	0.779
90.30 Central Stores Building		4,022,537	93.8%		3,773,140		1,974,815		(1,725,418)		20.87		(82,675)	-2.06%
91.00 Office Furniture*		1,519,789			at		949,639		570,150	15.00			(02,07.0)	
91.10 Office Equipment*		828,799					454,212		374,587	10.00				
91.20 Duplicating Equipment*		401,136					247,545		153,590	10.00				
91.50 Computer Systems*		4,245,167					2,258,913		1,986,254	5.00				
91.60 Computer Related Equipment*		1,801,698					968,006		833,693	5.00				
94.00 Tools, Shop and Garage Equipment*		3,806,191					1,540,891		2,265,300	15.00				
94.20 Automated Meter Reading Equipment*		603,637					299.654		303,982	15.00				
96.00 Power Operated Equipment		605,062	20.0%		121,012		199,653		284,397	24.00	17.03		16,700	2,769
97.00 Communication Equipment*		896,010					327,755		568,254	15.00	1		10,100	
97.10 Radio Telecommunications Equipment*		1,208,657					477,274		731,383	10.00				
97.20 Microwave Equipment*		4,377,222					1,957,486		2,419,736	15.00				
97.30 Radio Load Control Equipment*		317,859					98,985		218,874	10.00				
97.40 Communication Equipment - Towers		1,879,323	5.0%		93,966		818,202		967,155	40.00	25.69		37.647	2.009
Total General Plant	\$	52,880,507	17.5%	\$	9,260,934	\$	20,542,030	\$	23,077,544		57.59	\$	400,707	0.769
TOTAL DEPRECIABLE PLANT		1,487,953,298	-13.6%											

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

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Statement I

CERTIFICATE OF SERVICE

RE: In the Matter of Otter Tail Power Company's Petition for Approval of its 2016 Annual Review of Depreciation Certification Docket No. E017/D-16-729

I, Nancy L. Olson, hereby certify that I have this day served a copy of the following, or a summary thereof, on Daniel P. Wolf 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 Errata

Dated this 14th day of September 2016.

/s/ NANCY L. OLSON

Nancy L. Olson, Regulatory Filing Coordinator Otter Tail Power Company 215 South Cascade Street Fergus Falls MN 56537 (218) 739-8376

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022191	Electronic Service	No	GEN_SL_Otter Tail Power Company_2016 Annual Depreciation Filing
Ray	Choquette	rchoquette@agp.com	Ag Processing Inc.	12700 West Dodge Road PO Box 2047 Omaha, NE 68103-2047	Electronic Service	No	GEN_SL_Otter Tail Power Company_2016 Annual Depreciation Filing
Loyal	Demmer	ldemmer@otpco.com	Otter Tail Power Co.	215 South Cascade Street PO Box 496 Fergus Falls, MN 565380496	Electronic Service	No	GEN_SL_Otter Tail Power Company_2016 Annual Depreciation Filing
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Douglas	Larson	dlarson@dakotaelectric.co m	Dakota Electric Association	4300 220th St W Farmington, MN 55024	Electronic Service	No	GEN_SL_Otter Tail Power Company_2016 Annual Depreciation Filing
John	Lindell	agorud.ecf@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	No	GEN_SL_Otter Tail Power Company_2016 Annual Depreciation Filing
Kavita	ta Maini kmaini@wi.rr.com KM Energy C		KM Energy Consulting LLC	961 N Lost Woods Rd Oconomowoc, WI 53066	Electronic Service	No	GEN_SL_Otter Tail Power Company_2016 Annual Depreciation Filing

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