# Minnesota Public Utilities Commission Staff Briefing Papers

Meeting Date:	April 1, 2014* Agenda Item <b># 3</b>
Company:	Otter Tail Power Company
Docket No.	E017/D-13-795
	In the Matter of Otter Tail Power Company's Request for Approval of its Five Year Depreciation Study.
lssue(s):	Should the Commission approve the proposed depreciation parameters and the resulting depreciation rates for Otter Tail Power Company's five-year depreciation study?
Staff:	Ann Schwieger

## **Relevant Documents**

2013
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The attached materials are workpapers of the Commission Staff. They are intended for use by the Public Utilities Commission and are based upon information already in the record unless otherwise noted.

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<sup>&</sup>lt;sup>1</sup> Letter dated February 17, 2014. Filed in e-dockets on February 18, 2014.

#### Statement of the Issue

Should the Commission approve the proposed depreciation parameters and the resulting depreciation rates for Otter Tail Power Company's five-year depreciation study?

### Introduction

Public utilities in Minnesota are required to get Commission approval for their depreciation practices, pursuant to Minn. Stat. § 216B.11 and Minn. Rules, parts 7825.0500-7825.0900. Utilities must also file depreciation studies at least once every five years and must use straight-line depreciation unless the utility can justify a different method. The Commission approved OTP's last five-year depreciation study in its June 2009 Order, in Docket No. E-017/D-08-1042.

Because Otter Tail uses the remaining life method for depreciating group property accounts, the underlying life and salvage factors may not change, but depreciation rates are adjusted annually to reflect the passage of time on remaining lives, as well as the impact of plant additions and retirements. Annual depreciation study updates are required when the remaining-life method is used to allow the Commission the opportunity to approve changes in depreciation rates. With the exception of certain plant accounts, Otter Tail uses a remaining-life accounting method and, as a result, must file annual depreciation study updates. The Commission approved OTP's last (2012) annual depreciation study in its May 31, 2013 Order, in Docket No. E-017/D-12-933.

In this docket, Otter Tail is asking for Commission approval of its 2013 five-year depreciation study.

## Background

<u>September 3, 2013</u>: Otter Tail Power Company (OTP or the Company) filed its 2013 Five-Year Review of Depreciation Certification Petition (2013 Depreciation Petition or petition). OTP requested approval of changes to the lives and salvage rates of a number of property accounts. The net effect of the proposed changes would be a reduction in annual depreciation expense of \$3.0 million, or 7.46 percent. The Company has requested an effective date of January 1, 2014 for its proposed depreciation parameters.

January 17, 2014: The Minnesota Department of Commerce (Department) submitted reply comments and recommended that the Commission require the Company to retain the current retirement date for its Big Stone plant until the Air Quality Control System (AQCS) that is currently being installed is closer to completion and its in-service date. The Department stated that the Company is currently allowed to recover some of the costs associated with the AQCS upgrade through its Environmental Cost Recovery (ECR) rider.

The Department also requested more information from the Company to explain why the large change in depreciation expense for its General Office Buildings, Fleet Service Center Building and Central Stores Building accounts are reasonable.

<u>February 18, 2014</u>: The Company submitted reply comments and agreed with the Department's recommendation to delay extending the retirement date of the Big Stone plant until the AQCS is closer to its in-service date.

The Company stated that its previous depreciation studies did not consider terminal salvage values in the calculations for General Office Buildings, Fleet Service Center Building and its Central Stores Building. Including terminal values accounted for the large change in depreciation expense.

<u>March 3, 2014</u>: The Department responded to the Company's comments and concluded that while the change in assumptions of terminal values for its General Office Buildings, Fleet Services Center Building and Central Stores Building negatively impact ratepayers, the assumptions are reasonable and represent the Company's best predictions regarding the future of these facilities at this time.

<u>March 4, 2014</u>: The Company submitted a letter to confirm its acceptance of the Department's recommendations as identified in the March 3, 2014 Response Comments.

# Party Positions

After several rounds of comments, the parties have agreed on the parameters and resulting depreciation rates of the study. Staff is in agreement with OTP and the Department's resolution of the issues. Staff will not repeat the entire discussion, but will briefly outline the major items of interest in this briefing paper.

## **Big Stone Production Plant**

In this petition, OTP proposed extending the life of the Big Stone plant from 14.2 years to 32.0 years. This would result in an additional life extension of 17.2 years and extend the retirement date to 2046. Annual depreciation expense would be reduced by \$2.2 million.

The 475 megawatt plant is located in Big Stone City, South Dakota. The plant is jointly owned by OTP (53.9%), NorthWestern Energy (23.4%) and Montana–Dakota Utilities (22.7%). OTP is currently constructing a \$405 million Air Quality Control System (AQCS) consisting of Selective Catalytic Reduction (SCR), Dry Scrubber and a Baghouse to comply with the U.S. Environmental Protection Agency's Regional Haze Rule. The AQCS is expected to be placed into service in 2015.

The Company provided additional information about the project in response to the Department's information request. Construction on the project began in April 2013. As of September 30, 2013, the owners have invested \$109.2 of the budgeted \$405.2 million project. This represents a 27% project completion on a project cost basis. The commissioning and performance testing phase is expected to begin in June 2015 with a projected in-service date of October 1, 2015.

The Company stated that it received an Advanced Determination of Prudence (ADP) from the

Commission, in Docket No. E-017/M-10-1082, and construction of the project is well underway. These two occurrences affect the existing plant in-service and are now being managed by the Company under the expectation of the additional operating timeline. The Company stated that the new remaining life timeline commenced at the time the Owner's committed to construction of the AQCS project (upon issuing the Full Notice to Proceed) and not at the time the AQCS is commissioned into service. The balance of plant remaining life reflects what the Company believes should be recognized as the plant's remaining life to be at the time of this filing.

The Department agreed with the Company that the AQCS project will result in a life extension for Big Stone. The Department disagreed with the Company as to when the life extension should be recognized. The Department stated that if the life extension is recognized in the Company's 2013 Depreciation petition, in this docket, the extended life would be recognized as of January 1, 2014, or nearly two years before the AQCS expected in-service date. The effect of Commission approval of a life extension in this filing would be that the Company would enjoy the benefits of lower depreciation expense while the Customers would not receive any benefits of the life extension through a corresponding decrease in rates.

The Department addressed the fact that the Company has begun to recover some of the costs of the AQCS project through its Environmental Cost Recovery (ECR) rider. If the Commission were to approve the life extension in this filing, the Company would accrue all of the benefits of the lower depreciation expense while at the same time recovering some of the costs of the project. The Department acknowledged that simultaneous allocation of benefits to the Company and costs to the Ratepayers is somewhat unavoidable, but noted that the negative impact to Ratepayers can be minimized by timing Big Stone's life extension appropriately.

The Department concluded that the life extension for Big Stone should be delayed until the AQCS is in service, or closer to the time to the project being placed into service. The Department recommended that the Company propose a life extension for Big Stone in its next depreciation filing. The Department and the Commission can reevaluate the progress of the AQCS and its expected in-service date in the Company's 2014 filing.

OTP submitted reply comments on February 17, 2014 and stated that the Company agrees with the Department's recommendation to delay the life extension of Big Stone until closer to its inservice date. The Company plans to propose the life extension in its next annual depreciation filing.

## **Coyote Station**

Coyote Station is a single 427 megawatt lignite-fired unit located two miles south of Beulah, North Dakota. The station is operated by OTP (35%) and jointly owned with Montana-Dakota Utilities (25%), Northern Municipal Power Agency (30%) and NorthWestern Energy (10%). The original coal contract for the plant, which is a mine-to-mouth operation, expires in May 2016. In October 2012, the Coyote owners entered into a lignite sales agreement with Coyote Creek Mining Company, LLC, a subsidiary of The North American Coal Corporation, to deliver the annual coal supply needs of Coyote Station for 25 years beginning in May 2016 through 2040.

In its petition, OTP proposed to extend the remaining life of Coyote Station by 8.4 years, from 19.0 years to 27.4 years. This results in a retirement year of 2041. The proposed extension would lower OTP's depreciation expense by approximately \$0.7 million per year. OTP stated that the proposed remaining life extension was prompted by the execution of a new, 25-year coal contract, signed in 2012, which commences in 2016 and expires in 2041. OTP stated that the decision to pursue a 25-year coal contract was based on several factors, including expected life durations of plants similar to Coyote, the condition of the major components of Coyote, and the operational performance of the facility.

OTP described its maintenance and capital investment program for Coyote and considers the program to be "normal operations," including routine items that occur frequently and at regular intervals during a plant's life and non-routine items that are expected but occur infrequently, perhaps only once during a plant's life. OTP explained that, beyond normal levels of maintenance and replacement it anticipates two capital investments will be necessary for Coyote to achieve the proposed remaining life, both related to new environmental regulations. First, OTP is planning a capital project in 2014 to bring Coyote Station into compliance with the Mercury and Air Toxics Standards (MATS). Second, OTP is planning a capital project to be completed by mid-2018 pursuant to North Dakota's State Implementation Plan for the EPA's Regional Haze Rule.

The Department agreed that it is reasonable to expect Coyote to operate beyond its currently assumed retirement year of 2032, but questioned the timing of the proposed life extension. As noted in the Department's discussion of Big Stone's remaining life, the Department generally prefers to wait until life-extending capital projects are placed into service to extend plant lives, and Coyote has two planned future projects, the larger of which will not be completed for at least four years. Based on this logic, the Department would prefer to wait until the second project is placed in service, or is close to being placed in service, before extending Coyote's life.

The Department noted that there is a significant difference between the cost of Big Stone's AQCS project and the cost of Coyote's two planned projects. The cost of the AQCS project is greater than the original cost of Big Stone. The two planned projects at Coyote represent only a small percentage of the original cost of the plant. Projects the size of the AQCS project are rarer and more significant than projects the size of Coyote's planned projects and require a higher level of scrutiny with respect to the plant's remaining life. Capital projects the size of Coyote's planned projects are more frequent and much closer to a normal level of investment and maintenance expense, and arguably, the in-service dates for the Coyote projects deserve a lesser role in determining this plant's remaining life than OTP's engineering assessment.

The Department concluded that because of the small size of the two planned capital projects and the fact that the Company's engineering assessment of the Coyote Station indicates a longer life for the plant, it is reasonable to extend Coyote's life in this Docket.

#### **Hoot Lake**

The Hoot Lake plant is located near Fergus Falls, Minnesota. This two unit, 138 megawatt coal fired plant is owned and operated by OTP. In its petition, OTP proposed to shorten the remaining life of the Hoot Lake Plant, Units 2 and 3 from 10.4 years to 7.4 years, with an AYFR (anticipated year of final retirement) of 2020.

The Department concluded shortening the life of Hoot Lake is reasonable because it is consistent with the Company's most recent Integrated Resource Plan (Docket No. E015/RP-10-623). The Company conducted a Baseload Diversification Study with a specific focus on evaluating retirement and repowering options for the Hoot Lake Plant. The Company proposed a plan to retrofit Hoot Lake units 2 and 3 in 2015 to comply with MATS, and then retire both units in 2020. The Commission's March 25, 2013 Order in the 2010 IRP Docket approved OTP's proposed plan. The Company's proposed AFYR (and the corresponding remaining life) for Hoot Lake units 2 and 3 is consistent with the Commission's Order.

#### **Changes to Salvage Rates**

OTP proposed significant changes to the salvage rates of three of its General Plant Accounts: 390.10 General Office Buildings, 390.20 Fleet Service Center Building & 390.30 Central Stores Building. Otter Tail stated that, in past depreciation filings, the salvage rates for these accounts had reflected interim retirements only. In this petition, the Company reassessed the final retirement scenarios for these facilities and determined the most likely scenario for these general plant buildings is that they would be sold, rather than retired and demolished. The Company used each properties estimated market value as assessed for property tax purposes and inflated these estimated market values over time to the estimated year of retirement for the property.

The Department noted that the proposed change negatively impacts ratepayers, with the currently approved annual depreciation expense being approximately \$331,000, the proposed annual expense being approximately (\$57,300). The net result is a decrease in the annual depreciation expense of approximately (\$388,300). The Department concluded that the five-year study is the appropriate time for the Company to reassess its assumptions and these assumptions about estimated future market value reasonably reflect the Company's best predictions regarding the future of these facilities.

#### **Decision Alternatives**

- 1. Big Stone life extension
  - a. Approve the Company's proposed life extension of the Big Stone plant from 14.2 years to 32.0 years.
  - b. Require the Company to keep the current retirement date of the Big Stone plant at 14.2 years. [DOC, OTP accepts DOC recommendation]

- 2. Coyote Station life extension
  - a. Approve the Company's proposed life extension of Coyote Station from 19.0 years to 27.4 years. [OTP, DOC]
  - b. Require the Company to keep the current retirement date of 19.0 years for Coyote Station.
- 3. Hoot Lake remaining life
  - a. Allow the Company to decrease the remaining life of Hoot Lake from 10.4 years to 7.4 years. [OTP, DOC]
  - b. Require the Company to keep the current retirement date of 10.4 years for Hoot Lake.
- 4. Building terminal salvage values
  - Approve the Company's proposed changes to include the terminal salvage value in the calculation of salvage rates for the following General Plant Accounts: 390.10 General Office Building, 390.20 Fleet Service Center Building & 390.30 Central Stores Building. [OTP, DOC]
  - Require the Company to maintain the \$0 salvage value when calculating the salvage rates for the following General Plant Accounts: 390.10 General Office Building, 390.20 Fleet Service Center Building & 390.30 Central Stores Building.
- 5. Effective date of OTP's revised service lives, salvage values and depreciation rates as indicated in the schedules attached to the briefing papers
  - a. Approve the effective date of January 1, 2014. [OTP, DOC]
  - b. Approve an effective date other than January 1, 2014
- 6. OTP's next annual depreciation study
  - a. Require the Company to file its next annual depreciation study on or before September 1, 2014. [DOC, OTP does not object]
  - b. Require the Company to file its next annual depreciation study on a different date.

- 7. OTP's next five year depreciation study
  - a. Require the Company to file its next five year depreciation study on or before September 1, 2018. [DOC, OTP does not object]
  - b. Require the Company to file its next five year depreciation study on a different date.
- 8. Comparison of peaking plant capacity costs
  - a. Require the Company to provide in its first depreciation filing that includes new peaking generators, a comparison of the last rate case's short term peaking capacity costs to the peaking plant capacity costs of the new generators. [DOC, OTP does not object]
  - b. Do not require the Company to provide in its first depreciation filing that includes new peaking generators, a comparison of the last rate case's short term peaking capacity costs to the peaking plant capacity costs of the new generators.
- 9. Comparison of estimated asset lives used in resource planning and estimated remaining lives used in depreciation studies
  - a. Require the Company to include in future depreciation filings a table comparing asset lives used for the purposes of the Company's resource planning with the remaining lives proposed in the depreciation filings and explain any differences. [DOC, OTP does not object]
  - b. Do not require the Company to include in future depreciation filings a table comparing asset lives used for the purposes of the Company's resource planning with the remaining lives proposed in the depreciation filings and explain any differences.

#### **Recommendation**

1b, 2a, 3a, 4a, 5a, 6a, 7a, 8a, 9a

# OTTER TAIL POWER COMPANY 2013 FIVE-YEAR REVIEW OF DEPRECIATION CERTIFICATION PROPOSED REMAINING LIVES & SALVAGE FOR USE IN 2014

Number         Class of Utility Plant         International         Notestiming         Participation           311-101         Structures & Improvements         31-98 14.22         -11-9% -8.1%         31-98 14.23         -12-9% -8.1%           311-101         Structures & Improvements         32-92 14.23         -12-9% -8.1%         31-101           314-101         Turbogenerator Units         32-04 14.23         -12-9% -8.1%         31-102           315-101         Accessory Electric Equipment         32-02 14.23         -14.3%         31-102           311-102         Structures & Improvements         7.42         -14.3%         314-102           311-102         Structures & Improvements         7.43         -14.3%         315-102           315-102         Accessory Electric Equipment         7.43         -14.3%           314-102         Turbogenerator Units         7.44         -8.7%           315-102         Accessory Electric Equipment         7.42         -8.7%           311-103         Structures & Improvements         27.41         -8.7%           312-103         Boiler Plant Equipment         27.42         -8.7%           314-103         Structures & Improvements         2.40         0.0%           315-103         Misc. Pow	Account		Remaining	Net Salvage	Amortization
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Hoot Lake Plant - Units 2 & 3           311-102         Structures & Improvements         7.42         -14.3%           312-102         Boller Plant Equipment         7.43         -14.3%           314-102         Turbogenerator Units         7.43         -14.3%           315-102         Accessory Electric Equipment         7.42         -14.3%           316-102         Misc. Power Plant Equipment         7.42         -14.3%           316-102         Misc. Power Plant Equipment         7.42         -8.7%           311-103         Structures & Improvements         27.41         -8.7%           314-103         Turbogenerator Units         27.44         -8.7%           316-103         Misc. Power Plant Equipment         27.44         -8.3%           HYDRAULIC PRODUCTION	510-101	Misc. Fower Flant Equipment	<del>32.02</del> 14.23	-11.576-1.576	
311-102       Structures & Improvements       7.42       -14.3%         312-102       Boiler Plant Equipment       7.43       -14.3%         314-102       Turbogenerator Units       7.43       -14.3%         315-102       Accessory Electric Equipment       7.42       -14.3%         316-102       Misc. Power Plant Equipment       7.42       -14.3%         316-102       Misc. Power Plant Equipment       7.42       -8.7%         311-103       Structures & Improvements       27.41       -8.7%         314-103       Turbogenerator Units       27.44       -8.7%         314-103       Turbogenerator Units       27.44       -8.7%         316-103       Accessory Electric Equipment       27.42       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.3% <b>HYDRAULC PRODUCTION</b> Hoot Lake Hydro Unit       331-131       Structures & Improvements       8.40       0.0%         332-131       Reservoirs, Dams & Waterways       8.40       0.0%       332-131       Mater Wheels, Turbines & Gen.       8.41       0.0%         332-132       Kitzer S Almprovements       8.40       0.0%       332-132       Mater Wheels, Turbines & Gen.       8.41       0.0%		Hoot Lake Plant - Units 2 & 3			
312-102       Boiler Plant Equipment       7.43       -14.3%         314-102       Turbogenerator Units       7.43       -14.3%         315-102       Accessory Electric Equipment       7.42       -14.3%         316-102       Misc. Power Plant Equipment       7.43       -14.2%         Coyote Station	311-102	Structures & Improvements	7.42	-14.3%	
314-102       Turbogenerator Units       7.43       -14.3%         315-102       Accessory Electric Equipment       7.42       -14.3%         316-102       Misc. Power Plant Equipment       7.43       -14.2%         Coyote Station         311-103       Structures & Improvements       27.41       -8.7%         314-103       Structures & Improvements       27.42       -8.7%         314-103       Structures & Improvements       27.44       -8.7%         314-103       Structures & Improvements       27.44       -8.7%         316-103       Accessory Electric Equipment       27.44       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.3%         HYDRAULC PRODUCTION       Hoot Lake Hydro Unit       331-131       Structures & Improvements       8.40       0.0%         332-131       Water Wheels, Turbines & Gen.       8.40       0.0%       334-131       Accessory Electric Equipment       8.41       0.0%         334-131       Accessory Electric Equipment       8.41       0.0%       332-132       Mater Wheels, Turbines & Gen.       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%       333-132       Water Wheels       341	312-102	Boiler Plant Equipment	7.43	-14.3%	
315-102       Accessory Electric Equipment       7.42       -14.3%         316-102       Misc. Power Plant Equipment       7.43       -14.2%         Coyote Station         311-103       Structures & Improvements       27.41       -8.7%         312-103       Boiler Plant Equipment       27.42       -8.7%         315-103       Accessory Electric Equipment       27.42       -8.7%         315-103       Accessory Electric Equipment       27.44       -8.7%         315-103       Accessory Electric Equipment       27.44       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.3%         Hyperventements         31-131       Structures & Improvements       8.40       0.0%         332-131       Reservoirs, Dams & Waterways       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         331-132       Structures & Improvements       8.40       0.0%         332-131       Misc. Power Plant Equipment       8.41       0.0%         331-132       Structures & Improvements       8.40       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132<	314-102	Turbogenerator Units	7.43	-14.3%	
316-102       Misc. Power Plant Equipment       7.43       -14.2%         Coyote Station       -14.2%         311-103       Structures & Improvements       27.41       -8.7%         312-103       Boiler Plant Equipment       27.42       -8.7%         314-103       Turbogenerator Units       27.44       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.3%         HYDRAULIC PRODUCTION	315-102	Accessory Electric Equipment	7 42	-14.3%	
Coyote Station         Coyote Station           311-103         Structures & Improvements         27.41         -8.7%           311-103         Structures & Improvements         27.42         -8.7%           314-103         Turbogenerator Units         27.42         -8.7%           315-103         Accessory Electric Equipment         27.42         -8.7%           316-103         Misc. Power Plant Equipment         27.42         -8.7%           316-103         Misc. Power Plant Equipment         27.44         -8.3%           HYDRAULIC PRODUCTION         Hoot Lake Hydro Unit         31-131         Structures & Improvements         8.40         0.0%           332-131         Reservoirs, Dams & Waterways         8.40         0.0%         334-131         Accessory Electric Equipment         8.41         0.0%           334-131         Accessory Electric Equipment         8.41         0.0%         332-132         Reservoirs, Dams & Waterways         8.41         0.0%           332-132         Reservoirs, Dams & Waterways         8.41         0.0%         332-132         Water Wheels, Turbines & Gen.         8.41         0.0%           332-132         Misc. Power Plant Equipment         8.41         0.0%         332-133         Reservoirs, Dams & Waterways         8	316-102	Misc. Power Plant Equipment	7 43	-14 2%	
Coyote Station           311-103         Structures & Improvements         27.41         -8.7%           312-103         Boiler Plant Equipment         27.42         -8.7%           314-103         Turbogenerator Units         27.44         -8.7%           315-103         Accessory Electric Equipment         27.42         -8.7%           316-103         Misc. Power Plant Equipment         27.42         -8.7%           316-103         Misc. Power Plant Equipment         27.44         -8.3%           HYDRAULIC PRODUCTION	010 102		1.10	11.270	
311-103       Structures & Improvements       27.41       -8.7%         312-103       Boiler Plant Equipment       27.42       -8.7%         314-103       Accessory Electric Equipment       27.44       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.3%         HYDRAULIC PRODUCTION Hoot Lake Hydro Unit         311-131       Structures & Improvements       8.40       0.0%         332-131       Reservoirs, Dams & Waterways       8.40       0.0%         333-131       Water Wheels, Turbines & Gen.       8.40       0.0%         334-131       Accessory Electric Equipment       8.41       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         331-133       Structures & Impro		Coyote Station			
312-103       Boiler Plant Equipment       27.42       -8.7%         314-103       Turbogenerator Units       27.44       -8.7%         315-103       Accessory Electric Equipment       27.42       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.3%         HYDRAULIC PRODUCTION         Hoot Lake Hydro Unit         311-31       Structures & Improvements       8.40       0.0%         332-131       Reservoirs, Dams & Waterways       8.40       0.0%         333-131       Water Wheels, Turbines & Gen.       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         Wright Hydro Unit         331-132       Structures & Improvements       8.40       0.0%         332-131       Misc. Power Plant Equipment       8.41       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         332-132       Misc. Power Plant Equipment       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         332-133       Water Wheels, Turbines & Gen.	311-103	Structures & Improvements	27.41	-8.7%	
314-103       Turbogenerator Units       27.44       -8.7%         315-103       Accessory Electric Equipment       27.42       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.3%         HYDRAULIC PRODUCTION         Hot Lake Hydro Unit         331-131       Structures & Improvements       8.40       0.0%         332-131       Reservoirs, Dams & Waterways       8.40       0.0%         333-131       Water Wheels, Turbines & Gen.       8.40       0.0%         334-131       Accessory Electric Equipment       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         334-133       Structures & Improvements       8.40       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         3	312-103	Boiler Plant Equipment	27.42	-8.7%	
315-103       Accessory Electric Equipment       27.42       -8.7%         316-103       Misc. Power Plant Equipment       27.44       -8.3%         HYDRAULIC PRODUCTION         Hoot Lake Hydro Unit       331-131       Structures & Improvements       8.40       0.0%         332-131       Reservoirs, Dams & Waterways       8.40       0.0%         333-131       Water Wheels, Turbines & Gen.       8.40       0.0%         334-131       Accessory Electric Equipment       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         332-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         332-132       Misc. Power Plant Equipment       8.41       0.0%         332-133       Water Wheels, Turbines & Gen.       8.41       0.0%         332-133       Structures & Improvements       8.41       0.0%         334-133       Ac	314-103	Turbogenerator Units	27.44	-8.7%	
316-103 Misc. Power Plant Equipment       27.44       -8.3%         HypRAULIC PRODUCTION         311-131 Structures & Improvements       8.40       0.0%         332-131 Reservoirs, Dams & Waterways       8.40       0.0%         332-131 Water Wheels, Turbines & Gen.       8.40       0.0%         334-131 Accessory Electric Equipment       8.40       0.0%         335-131 Misc. Power Plant Equipment       8.40       0.0%         335-131 Misc. Power Plant Equipment       8.41       0.0%         332-132 Reservoirs, Dams & Waterways       8.41       0.0%         332-132 Reservoirs, Dams & Waterways       8.41       0.0%         332-132 Reservoirs, Dams & Waterways       8.41       0.0%         333-132 Water Wheels, Turbines & Gen.       8.41       0.0%         335-132 Misc. Power Plant Equipment       8.41       0.0%         332-133 Reservoirs, Dams & Waterways       8.41       0.0%         332-133 Water Wheels, Turbines & Gen.       8.41       0.0%         332-133 Water Wheels, Turbines & Gen.       8.41       0.0%         334-133 Accessory Electric Equipment       8.41       0.0%         332-133 Misc. Power Plant Equipment       8.41       0.0%         332-133 Misc. Power Plant Equipment       8.41	315-103	Accessory Electric Equipment	27.42	-8.7%	
HYDRAULIC PRODUCTION Hoot Lake Hydro Unit         331-131 Structures & Improvements         8.40       0.0%         331-131 Structures & Improvements       8.40       0.0%         331-131 Reservoirs, Dams & Waterways       8.40       0.0%         334-131 Accessory Electric Equipment       8.40       0.0%         334-131 Accessory Electric Equipment       8.40       0.0%         331-132 Structures & Improvements       8.40       0.0%         331-132 Structures & Improvements       8.40       0.0%         331-132 Structures & Improvements       8.41       0.0%         331-132 Accessory Electric Equipment       8.41       0.0%         334-132 Accessory Electric Equipment       8.41       0.0%         331-133 Structures & Improvements       8.40       0.0%         331-133 Structures & Improvements       8.40       0.0%         331-133 Structures & Improvements       8.40       0.0%         331-133 Structures & Improvements       8.41       0.0%         331-134 Structures & Improvements       8.41       0.0%         331-134 Structures & Improvements       8.41	316-103	Misc. Power Plant Equipment	27.44	-8.3%	
HYDRAULIC PRODUCTION         Hoot Lake Hydro Unit       331-131         331-131       Structures & Improvements       8.40       0.0%         332-131       Reservoirs, Dams & Waterways       8.40       0.0%         333-131       Water Wheels, Turbines & Gen.       8.40       0.0%         334-131       Accessory Electric Equipment       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         335-132       Structures & Improvements       8.40       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         334-132       Misc. Power Plant Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         331-133       Structures & Improvements       8.40       0.0%         332-133       Water Wheels, Turbines & Gen.       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%					
Hoot Lake Hydro Unit           331-131         Structures & Improvements         8.40         0.0%           332-131         Reservoirs, Dams & Waterways         8.40         0.0%           333-131         Water Wheels, Turbines & Gen.         8.40         0.0%           334-131         Accessory Electric Equipment         8.40         0.0%           335-131         Misc. Power Plant Equipment         8.41         0.0%           335-132         Structures & Improvements         8.40         0.0%           332-132         Reservoirs, Dams & Waterways         8.41         0.0%           332-132         Reservoirs, Dams & Waterways         8.41         0.0%           333-132         Water Wheels, Turbines & Gen.         8.41         0.0%           334-132         Accessory Electric Equipment         8.41         0.0%           334-132         Misc. Power Plant Equipment         8.41         0.0%           331-133         Structures & Improvements         8.40         0.0%           332-133         Reservoirs, Dams & Waterways         8.41         0.0%           332-133         Reservoirs, Dams & Waterways         8.41         0.0%           334-133         Accessory Electric Equipment         8.41         0.0% </td <td>HYDRAU</td> <td>LIC PRODUCTION</td> <td></td> <td></td> <td></td>	HYDRAU	LIC PRODUCTION			
331-131       Structures & Improvements       8.40       0.0%         332-131       Reservoirs, Dams & Waterways       8.40       0.0%         333-131       Water Wheels, Turbines & Gen.       8.40       0.0%         334-131       Accessory Electric Equipment       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         335-132       Structures & Improvements       8.40       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         331-133       Structures & Improvements       8.40       0.0%         332-133       Water Wheels, Turbines & Gen.       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         334-134       Structures & Improvements       8.41       0.0%         331-134       Structures & Improvements       8.41       0.0%         331-134		Hoot Lake Hydro Unit			
332-131       Reservoirs, Dams & Waterways       8.40       0.0%         333-131       Water Wheels, Turbines & Gen.       8.40       0.0%         334-131       Accessory Electric Equipment       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         Wright Hydro Unit       31-132       Structures & Improvements       8.40       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         332-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         331-134       Structures & Improvements       8.41       0.0% </td <td>331-131</td> <td>Structures &amp; Improvements</td> <td>8.40</td> <td>0.0%</td> <td></td>	331-131	Structures & Improvements	8.40	0.0%	
333-131       Water Wheels, Turbines & Gen.       8.40       0.0%         334-131       Accessory Electric Equipment       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         331-132       Structures & Improvements       8.40       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         334-134<	332-131	Reservoirs, Dams & Waterways	8.40	0.0%	
334-131       Accessory Electric Equipment       8.40       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         335-131       Misc. Power Plant Equipment       8.41       0.0%         335-132       Structures & Improvements       8.40       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         331-133       Structures & Improvements       8.40       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         332-133       Water Wheels, Turbines & Gen.       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         333-134 </td <td>333-131</td> <td>Water Wheels, Turbines &amp; Gen.</td> <td>8.40</td> <td>0.0%</td> <td></td>	333-131	Water Wheels, Turbines & Gen.	8.40	0.0%	
335-131       Misc. Power Plant Equipment       8.41       0.0%         331-132       Structures & Improvements       8.40       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         333-133       Water Wheels, Turbines & Gen.       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         334-134<	334-131	Accessory Electric Equipment	8.40	0.0%	
Wright Hydro Unit           331-132         Structures & Improvements         8.40         0.0%           332-132         Reservoirs, Dams & Waterways         8.41         0.0%           333-132         Water Wheels, Turbines & Gen.         8.41         0.0%           334-132         Accessory Electric Equipment         8.41         0.0%           335-132         Misc. Power Plant Equipment         8.41         0.0%           335-132         Misc. Power Plant Equipment         8.41         0.0%           335-133         Structures & Improvements         8.40         0.0%           332-133         Reservoirs, Dams & Waterways         8.41         0.0%           332-133         Reservoirs, Dams & Waterways         8.41         0.0%           333-133         Water Wheels, Turbines & Gen.         8.41         0.0%           334-133         Accessory Electric Equipment         8.41         0.0%           335-133         Misc. Power Plant Equipment         8.41         0.0%           332-134         Reservoirs, Dams & Waterways         8.41         0.0%           332-134         Reservoirs, Dams & Waterways         8.41         0.0%           334-134         Accessory Electric Equipment         8.41         0.0% <td>335-131</td> <td>Misc. Power Plant Equipment</td> <td>8.41</td> <td>0.0%</td> <td></td>	335-131	Misc. Power Plant Equipment	8.41	0.0%	
Wright Hydro Unit           331-132         Structures & Improvements         8.40         0.0%           332-132         Reservoirs, Dams & Waterways         8.41         0.0%           333-132         Water Wheels, Turbines & Gen.         8.41         0.0%           334-132         Accessory Electric Equipment         8.41         0.0%           335-132         Misc. Power Plant Equipment         8.41         0.0%           335-132         Misc. Power Plant Equipment         8.41         0.0%           335-133         Reservoirs, Dams & Waterways         8.41         0.0%           322-133         Reservoirs, Dams & Waterways         8.41         0.0%           332-133         Reservoirs, Dams & Waterways         8.41         0.0%           334-133         Accessory Electric Equipment         8.41         0.0%           334-133         Accessory Electric Equipment         8.41         0.0%           335-133         Misc. Power Plant Equipment         8.41         0.0%           331-134         Structures & Improvements         8.41         0.0%           332-134         Reservoirs, Dams & Waterways         8.41         0.0%           334-134         Accessory Electric Equipment         8.41         0.0% <td></td> <td></td> <td></td> <td></td> <td></td>					
331-132       Structures & Improvements       8.40       0.0%         332-132       Reservoirs, Dams & Waterways       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         331-133       Structures & Improvements       8.40       0.0%         32-133       Reservoirs, Dams & Waterways       8.41       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         333-133       Water Wheels, Turbines & Gen.       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         331-134       Structures & Improvements       8.41       0.0%         332-134       Water Wheels, Turbines & Gen.       8.41       0.0%         332-134       Misc. Power Plant Equipment       8.41       0.0%         335-134 <td></td> <td>Wright Hydro Unit</td> <td></td> <td></td> <td></td>		Wright Hydro Unit			
332-132       Reservoirs, Dams & Waterways       8.41       0.0%         333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         331-133       Structures & Improvements       8.40       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         333-133       Water Wheels, Turbines & Gen.       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         335-134       Mater Wheels, Turbines & Gen.       8.41       0.0%         335-134       Mater Wheels, Turbines & Gen.       8.41       0.0%         33	331-132	Structures & Improvements	8.40	0.0%	
333-132       Water Wheels, Turbines & Gen.       8.41       0.0%         334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         331-133       Structures & Improvements       8.40       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         333-133       Water Wheels, Turbines & Gen.       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         333-134       Water Wheels, Turbines & Gen.       8.41       0.0%         334-134       Accessory Electric Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         331-135       Structures & Improvements       8.39       0.0%         332-135	332-132	Reservoirs, Dams & Waterways	8.41	0.0%	
334-132       Accessory Electric Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         335-132       Misc. Power Plant Equipment       8.41       0.0%         331-133       Structures & Improvements       8.40       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         333-133       Water Wheels, Turbines & Gen.       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         332-134       Reservoirs, Dams & Gen.       8.41       0.0%         333-134       Water Wheels, Turbines & Gen.       8.41       0.0%         334-134       Accessory Electric Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         331-135       Structures & Improvements       8.39       0.0%         332-135	333-132	Water Wheels, Turbines & Gen.	8.41	0.0%	
335-132       Misc. Power Plant Equipment       8.41       0.0%         Pisgah Hydro Unit	334-132	Accessory Electric Equipment	8.41	0.0%	
Pisgah Hydro Unit         331-133       Structures & Improvements       8.40       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         333-133       Water Wheels, Turbines & Gen.       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         331-134       Structures & Improvements       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         333-134       Water Wheels, Turbines & Gen.       8.41       0.0%         334-134       Accessory Electric Equipment       8.41       0.0%         334-134       Misc. Power Plant Equipment       8.41       0.0%         334-134       Misc. Power Plant Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         331-135       Structures & Improvements       8.39       0.0%         332-135       Reservoirs, Dams & Waterways       8.41       0.0%	335-132	Misc. Power Plant Equipment	8.41	0.0%	
Pisgah Hydro Unit331-133Structures & Improvements8.400.0%332-133Reservoirs, Dams & Waterways8.410.0%333-133Water Wheels, Turbines & Gen.8.410.0%334-133Accessory Electric Equipment8.410.0%335-133Misc. Power Plant Equipment8.410.0%331-134Structures & Improvements8.410.0%332-134Reservoirs, Dams & Waterways8.410.0%333-134Water Wheels, Turbines & Gen.8.410.0%334-134Accessory Electric Equipment8.410.0%335-134Misc. Power Plant Equipment8.410.0%335-134Misc. Power Plant Equipment8.410.0%331-135Structures & Improvements8.390.0%332-135Reservoirs, Dams & Waterways8.410.0%					
331-133       Structures & Improvements       8.40       0.0%         332-133       Reservoirs, Dams & Waterways       8.41       0.0%         333-133       Water Wheels, Turbines & Gen.       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         331-134       Structures & Improvements       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         333-134       Water Wheels, Turbines & Gen.       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         331-135       Structures & Improvements       8.39       0.0%         332-135       Reservoirs, Dams & Waterways       8.41       0.0%	004 400	Pisgah Hydro Unit	0.40	0.00/	
332-133       Reservoirs, Dams & Waterways       8.41       0.0%         333-133       Water Wheels, Turbines & Gen.       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         333-134       Water Wheels, Turbines & Gen.       8.41       0.0%         334-134       Accessory Electric Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         331-135       Structures & Improvements       8.39       0.0%         332-135       Reservoirs, Dams & Waterways       8.41       0.0%	331-133	Structures & Improvements	8.40	0.0%	
333-133       Water Wheels, Turbines & Gen.       8.41       0.0%         334-133       Accessory Electric Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         331-134       Structures & Improvements       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         333-134       Water Wheels, Turbines & Gen.       8.41       0.0%         334-134       Accessory Electric Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         331-135       Structures & Improvements       8.39       0.0%         332-135       Reservoirs, Dams & Waterways       8.41       0.0%	332-133	Reservoirs, Dams & waterways	8.41	0.0%	
334-133       Accessory Electric Equipment       8.41       0.0%         335-133       Misc. Power Plant Equipment       8.41       0.0%         Dayton Hollow Hydro Unit	333-133	water wheels, Turbines & Gen.	8.41	0.0%	
335-133 Misc. Power Plant Equipment       8.41       0.0%         Dayton Hollow Hydro Unit	334-133	Accessory Electric Equipment	8.41	0.0%	
Dayton Hollow Hydro Unit331-134Structures & Improvements8.410.0%332-134Reservoirs, Dams & Waterways8.410.0%333-134Water Wheels, Turbines & Gen.8.410.0%334-134Accessory Electric Equipment8.410.0%335-134Misc. Power Plant Equipment8.410.0%Taplin Gorge Hydro Unit331-135Structures & Improvements8.390.0%332-135Reservoirs, Dams & Waterways8.410.0%	335-133	Misc. Power Plant Equipment	8.41	0.0%	
331-134       Structures & Improvements       8.41       0.0%         332-134       Reservoirs, Dams & Waterways       8.41       0.0%         333-134       Water Wheels, Turbines & Gen.       8.41       0.0%         334-134       Accessory Electric Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         331-135       Structures & Improvements       8.39       0.0%         332-135       Reservoirs, Dams & Waterways       8.41       0.0%		Dayton Hollow Hydro Unit			
332-134       Reservoirs, Dams & Waterways       8.41       0.0%         333-134       Water Wheels, Turbines & Gen.       8.41       0.0%         334-134       Accessory Electric Equipment       8.41       0.0%         335-134       Misc. Power Plant Equipment       8.41       0.0%         331-135       Structures & Improvements       8.39       0.0%         332-135       Reservoirs, Dams & Waterways       8.41       0.0%	331-134	Structures & Improvements	8 4 1	0.0%	
333-134 Water Wheels, Turbines & Gen.8.410.0%334-134 Accessory Electric Equipment8.410.0%335-134 Misc. Power Plant Equipment8.410.0%Taplin Gorge Hydro Unit331-135Structures & Improvements8.39332-135 Reservoirs, Dams & Waterways8.410.0%	332-134	Reservoirs Dams & Waterways	8 41	0.0%	
334-134Accessory Electric Equipment8.410.0%335-134Misc. Power Plant Equipment8.410.0%Taplin Gorge Hydro Unit331-135Structures & Improvements8.390.0%332-135Reservoirs, Dams & Waterways8.410.0%	322-104	Water Wheels Turbines & Con	8 /1	0.0%	
335-134Misc. Power Plant Equipment8.410.0%Taplin Gorge Hydro Unit331-135Structures & Improvements8.390.0%332-135Reservoirs, Dams & Waterways8.410.0%	331-134	Accessory Electric Equipment	0.41 Q /1	0.0%	
333-134Milse. Fower Francequipment0.410.0%Taplin Gorge Hydro Unit8.390.0%331-135Structures & Improvements8.390.0%332-135Reservoirs, Dams & Waterways8.410.0%	225 104	Mice Dower Plant Equipment	0.41	0.0%	
Taplin Gorge Hydro Unit331-135Structures & Improvements8.390.0%332-135Reservoirs, Dams & Waterways8.410.0%	333-134		0.41	0.0%	
331-135Structures & Improvements8.390.0%332-135Reservoirs, Dams & Waterways8.410.0%		Taplin Gorge Hvdro Unit			
332-135 Reservoirs, Dams & Waterways 8.41 0.0%	331-135	Structures & Improvements	8.39	0.0%	
	332-135	Reservoirs, Dams & Waterways	8.41	0.0%	

# OTTER TAIL POWER COMPANY 2013 FIVE-YEAR REVIEW OF DEPRECIATION CERTIFICATION PROPOSED REMAINING LIVES & SALVAGE FOR USE IN 2014

Account		<u>Remaining</u>	Net Salvage	<b>Amortization</b>
<u>Number</u>	Class of Utility Plant	<u>Life (Yrs)</u>	<u>(%)</u>	Period (Yrs)
334-135	Accessory Electric Equipment	8.41	0.0%	
335-135	Misc. Power Plant Equipment	8.41	0.0%	
	Bemidji Hydro Unit			
331-138	Structures & Improvements	8.41	0.0%	
332-138	Reservoirs, Dams & Waterways	8.41	0.0%	
333-138	Water Wheels, Turbines & Gen.	8.41	0.0%	
334-138	Accessory Electric Equipment	8.39	0.0%	
335-138	Misc. Power Plant Equipment	8.41	0.0%	
	PODUCTION			
UTHER	Jamestown Unit 1			
3/1-1/0	Structures & Improvements	10 35	_1 /0/	
242 140	Eucl Holders & According	10.35	-1.4/0	
242-140	Prime Meyere	10.30	-1.4/0	
343-140		10.35	-1.4%	
345-140	Accessory Electric Equipment	10.35	-1.4%	
346-140	Misc. Power Plant Equipment	10.36	-1.4%	
	Jamestown Unit 2			
341-142	Structures & Improvements	10.36	-1.4%	
342-142	Fuel Holders & Accessories	10.35	-1.4%	
343-142	Prime Movers	10.35	-1.4%	
345-142	Accessory Electric Equipment	10.36	-1 4%	
346-142	Misc. Power Plant Equipment	10.35	-1 4%	
010112		10.00	1.170	
	Lake Preston			
341-141	Structures & Improvements	10.35	-2.4%	
342-141	Fuel Holders & Accessories	10.36	-2.4%	
343-141	Prime Movers	10.35	-2.4%	
345-141	Accessory Electric Equipment	10.35	-2.4%	
346-141	Misc. Power Plant Equipment	10.35	-2.4%	
0.40 4.40	Fergus Falls Control Center	47.40	0.00/	
343-143	Prime Movers	17.10	0.0%	
	Solway Combustion Turbine Plant			
341-144	Structures & Improvements	24.67	-0.4%	
342-144	Fuel Holders & Accessories	24.67	-0.4%	
343-144	Prime Movers	24.67	-0.4%	
345-144	Accessory Electric Equipment	24.67	-0.4%	
346-144	Misc. Power Plant Equipment	24.67	-0.4%	
540-144	mise. I ower i lant Equipment	24.07	-0.478	
	Langdon Wind Energy Center			
341-160	Structures & Improvements	19.02	-1.5%	
344-160	Generators	19.02	-1.5%	
345-160	Accessory Electric Equipment	19.02	-1.5%	
346-160	Misc. Power Plant Equipment	19.02	-1.5%	
	Ashtobulo Wind Energy Contor			
2/1 161	Ashabula Winu Effergy Ceriler	10.07	1 20/	
241-101	Concretore	19.97	-1.270 4 00/	
344-101		19.97	-1.2%	
345-161	Accessory Electric Equipment	19.97	-1.2%	
340-161	iviisc. Power Plant Equipment	19.97	-1.2%	

Luverne Wind Energy Center

# OTTER TAIL POWER COMPANY 2013 FIVE-YEAR REVIEW OF DEPRECIATION CERTIFICATION PROPOSED REMAINING LIVES & SALVAGE FOR USE IN 2014

Account		<b>Remaining</b>	Net Salvage	<b>Amortization</b>
<u>Number</u>	Class of Utility Plant	<u>Life (Yrs)</u>	<u>(%)</u>	Period (Yrs)
341-162	Structures & Improvements	20.92	-2.0%	
344-162	Generators	20.92	-2.0%	
345-162	Accessory Electric Equipment	20.92	-2.0%	
346-162	Misc. Power Plant Equipment	20.92	-2.0%	
TRANSM	ISSION			
353	Station Equipment	53.06	-5.0%	
354	Towers & Fixtures	37.90	-10.0%	
355	Poles & Fixtures	55.58	-50.0%	
356	Overhead Conductor & Devices	53.25	-30.0%	
358	Underground Conductor & Devices	10.86	-5.0%	
DISTRIB	UTION			
362	Station Equipment	32 22	5.0%	
364	Poles Towers & Fixtures	48.68	-75.0%	
365	Overhead Conductor & Devices	44.33	-100.0%	
367	Underground Conductor & Devices	24.81	-5.0%	
368	Line Transformers	28.19	50.0%	
369	Overhead Services	33 52	-150.0%	
360 1	Underground Services	30.89	-20.0%	
370	Maters	20.64	0.0%	
370 1	Load Management Switches	4 4 2	0.0%	
370.20	Interruption Monitors	7.72	0.070	5
370.20	Other Private Lighting	17 10	10.0%	5
373	Street Lighting & Signal System	15.43	-5.0%	
GENERA	Depresiable			
200	Structures & Improvements	31.01	10.0%	
200 1	Conorol Office Buildings	17 10	TU.0%	
200.1	Elect Service Center Buildings	12.20	D1.270	
200.2	Control Stores Building	12.23	05 5%	
206	Central Stores Building Dewer Operated Equipment	21.01	90.0%	
207 /		10.79	20.0%	
397.4	Communication rowers	25.05	5.0%	
201	Amortizable			15
201 1				10
201.1	Duplicating Equipment			10
391.Z				10 F
391.5	Computer Systems			5
391.0	Computer Related Equipment			5
393	Stores Equipment			15
394	Tools, Shop & Garage Equipment			15
394.2	Automated Meter Reading Equip.			15
395	Laboratory Equipment			15
397	Communication Equipment			15
397.1	Radio Telecom Equipment			10
397.2	Nicrowave Equipment			15
397.3	Radio Load Control Equipment			10

Source is Statement A from Foster Report