June 3, 2016

## -Via Electronic Filing-

Mr. Daniel P. Wolf
Executive Secretary
Minnesota Public Utilities Commission
$1217^{\text {th }}$ Place East, Suite 350
St. Paul, MN 55101
Re: Reply Comments
Transmission Cost Recovery Rider
Docket No. E002/M-15-891
Dear Mr. Wolf:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Reply Comments in response to the April 21, 2016 Comments of the Department of Commerce, Division of Energy Resources in the above-referenced docket.

Pursuant to Minn. Stat. § 216.17 , subd. 3, we have electronically filed this document, and served copies on the parties on the attached service list.

If you have any questions regarding this filing please contact me at (612) 330-6064 or bria.e.shea@xcelenergy.com.

Sincerely,
/s/
Bria E. Shea
Regulatory Manager

Enclosures
c: Service List

State of Minnesota
Before the Minnesota Public Utilities Commission

Beverly Jones Heydinger
Nancy Lange
Dan Lipschultz
Matthew Schuerger
John Tuma

In the Matter of the Petition of
Northern States Power Company
for Approval of a Modification to
ITs TCR Tariff, 2016 TCR Rate
Factors, and 2015 TCR True-up and
Compliance Filing

Chair
Commissioner
Commissioner
Commissioner
Commissioner

Docket No. E002/M-15-891

## Reply Comments

## OvERVIEw

Northern States Power Company, doing business as Xcel Energy, appreciates the opportunity to respond to the April 21, 2016 Comments of the Minnesota Department of Commerce, Division of Energy Resources regarding our Petition seeking approval of a Transmission Cost Recovery (TCR) Rider rate factor for 2016. Our response addresses the following issues raised by the Department:
A. CapX2020 La Crosse Project Costs and Use of Escalation - The initial cost estimate of $\$ 276.5$ million was presented in the Certificate of Need (CON) docket in 2007 dollars. Once escalated to 2015 dollars, this estimate is $\$ 330.3$ million. Our actual expenditures are projected to be $\$ 326.7$ million. We address the appropriateness of escalation as well as other factors affecting the cost of the La Crosse line, including the length of the route as well as some scope changes.
B. Accumulated Deferred Income Taxes (ADIT) - We will address the ADIT issue in the currently pending rate case as there is no need to make a decision right now, and the rate case will allow a more thorough discussion of the issue.
C. Jurisdictional Allocators - For our TCR filing, we used the state jurisdictional allocators as filed in the 2016 test year in our current electric rate case for consistency between dockets; however, if the Department prefers to use the allocators from our last electric rate case we agree with this approach.
D. CapX2020 Brookings Project - The negative capital costs for 2017 are due to Buy the Farm (BTF) property sales.
E. CapX2020 Big Stone - Brookings Project - We provide the initial estimated costs as filed with the South Dakota Public Utilities Commission and as reported to MISO and show that our current estimated cost at completion is below the initial cost estimates.
F. Badger - Coulee Project (La Crosse - Madison) - We provide the initial estimated costs as filed with the Wisconsin Public Services Commission and explain the difference between that amount and the amount included in the TCR filing.

## Reply

## A. CapX2020 La Crosse Project Costs

The Department requested we explain whether unforeseen or extraordinary circumstances account for the difference in costs from our initial estimate of $\$ 276.5$ million in the CON in 2007 to the current estimated costs at completion of $\$ 326.7$ million for the CapX2020 La Crosse project.

Below we discuss the three areas that contributed to the difference in costs. First and foremost is the need to inflate, or escalate, the initial project estimates from 2007 dollars to account for fluctuations in the market which increase materials and labor costs over the eight years the project took to implement and put in service. Second, we discuss the impact the approved route made on the project's costs. Finally, we discuss some unforeseen scope changes that occurred after our CON was approved.

## 1. Escalation is Necessary

The initial estimated project costs at completion were $\$ 276.5$ million in 2007 dollars, as filed in the CapX2020 projects' Certificate of Need (CON) docket. ${ }^{1}$ These initial estimated costs were presented in constant 2007 dollars to evaluate various routing and scoping alternatives. While the use of then-current-year dollars is appropriate for comparing alternatives in the context of a CON docket, it does not account for the actual cost of materials, labor and services in the year those dollars are spent, sometimes many years in the future. ${ }^{2}$ It is appropriate to include these normally occurring inflationary cost increases to material, labor and services amounts in TCR recovery as they are inherent to large construction projects, such as the CapX2020 projects, which are planned and constructed over many years.

[^0]It is our understanding that the Department did not oppose our calculation of the escalated costs at completion as reasonable in their April 21, 2016 Comments, but requested additional information. ${ }^{3}$ In addition, it is consistent with past Commission practice to accept the escalated initial project costs as the cost cap for TCR recovery purposes. ${ }^{4}$ Accordingly, we believe it is appropriate to evaluate the project costs in comparison to $\$ 330.3$ million, which is the initial project cost estimate of $\$ 276.5$ million as escalated.

## 2. Length of Approved Route

The CapX2020 La Crosse project costs were also impacted by the final approved project route. When we submit a CON for approval by the Commission, we present a cost range to account for the many possible project routes, line lengths, line voltage and other components of constructing a transmission line that must be taken into consideration to meet the specific need at hand. These cost estimates are further refined when we are able to narrow down the possibilities in order to present, generally, only two route options in a route permit proceeding.

For the CapX2020 La Crosse project, the final route as approved in the route permit proceedings in both Minnesota and Wisconsin was one of the longest routes possible. The selection of this route meant the final approved project cost fell at the uppermost end of the estimated cost range presented in the CON filing.

Of the potential 143 to 159 miles submitted in our CON, the final approved route was 157 miles. Therefore, even before taking into account commodity inflation between 2007 and the actual construction period, the CapX2020 La Crosse project cost projection was very near the initial cost estimate of $\$ 276.5$ million in 2007 dollars, as filed in the CON.

Relatedly, the Department's Comments noted that our CapX2020 Brookings and Fargo projects are below our initial cost estimates, without escalation. Contrary to our experience with the final approved La Crosse route which was at the very long end of the potential route range, the final routes approved for the Brookings and Fargo projects were in the middle of the potential route ranges. For Brookings, we submitted a range of 225 to 261 miles in our CON, and the final approved route was

[^1]248 miles. For Fargo, of the potential 210 to 270 miles submitted in our CON, the final approved range was 242 miles.

As such, from the moment the routes for the CapX2020 Brookings and Fargo projects were approved, the projects had a built-in buffer within the initial estimates as their approved routes just did not necessitate as many materials and expenses as they potentially could have if their routes were at the long end of the potential mileage range, as La Crosse was.

## 3. Scope Changes

Finally, in addition to inflation and the maximum length of the approved route, there were also some scope changes that occurred after our initial CON estimate had been submitted which impacted the projects costs. We discuss each of these scope changes below.

## a. 69 kV Line Upgrades

The CON estimate anticipated attaching an existing Xcel Energy 69 kV line along Highway 52 to the CapX structures. However, on other segments (North Rochester to the river and in Wisconsin), route permits required attachment of an additional five miles of 69 kV line to the 345 kV structures. On North Rochester to Chester, the route permit required six miles of double circuit 161/69 construction of an existing 69 kV transmission line.

## b. 69 kV Substation Addition

In Wisconsin, the Briggs Road Substation connects the 345 kV line to the existing 161 kV and 69 kV transmission network in the La Crosse area. The 161 kV connections were known at the time of the CON and were included in the CON estimate. However, the need to connect to the 69 kV grid was discovered after the CON was filed, and the connection was later approved by the PSCW. This resulted in the installation of a $161 / 69 \mathrm{kV}$ transformer, 69 kV breakers, bus work and control house construction, and a short 69 kV line that were not known at the time of the CON filing.

## c. Mississippi River Crossing

One scope change that occurred on this project arose from input from the United States Fish and Wildlife Service (USFWS). Specifically, as a condition of their
support for the project, they requested we remove an existing double-circuit transmission line over a Mississippi River crossing and reconstruct it as a triple circuit with the project. The USFWS requested this to minimize the risk for bird collisions with the transmission line. In addition to installing bird diverters on the shield wire, it is now common to design the transmission conductors in one horizontal plane to further reduce the chance of bird collisions. A complete rebuild of the existing river crossing was necessary to accommodate this requirement. The CON Order only contemplated a double-circuit capable design, so this change to the project's scope increased costs.

## d. Extended 345 kV

In Minnesota, the Commission ordered the double-circuit capable construction of the 345 kV circuits. To maintain the value of the potential future 345 kV circuit, we continued the double-circuit capable design across the Mississippi River and one mile into Wisconsin. This configuration was not anticipated during the CON estimates.

## e. Railway Accommodations

Also, during the course of the CPCN proceeding in Wisconsin, a portion of the final approved route was located along a railway. During Wisconsin permitting, which occurred after the Minnesota CON proceeding, Wisconsin Public Service Commission staff encouraged consolidating the proposed transmission line along existing linear corridors, including the railroad. This route location necessitated a design change to the transmission line to mitigate induced voltages on the rail system, adding costs that were not contemplated during the CON.

## f. Galloping Line Mitigation

As discussed in our October 1 TCR Petition, during construction of the CapX2020 La Crosse project, we began experiencing galloping events in areas where we thought galloping would not occur on our in-service CapX2020 Fargo and Brookings lines. In order to mitigate galloping events, which can cause future problems on the line such as ripping apart the hardware and otherwise damaging the lines and poles, we chose to make a scope change and upgrade the line to the T2 twisted-pair conductor on the final segment under construction.

While this equipment is more expensive, we believe that this change will ultimately benefit customers by preventing additional maintenance expenses and potential outages. We have begun to estimate costs using T2 twisted-pair conductors for other
transmission projects in their planning phases, including the CapX2020 Big Stone Brookings and the Badger - Coulee (La Crosse - Madison) lines.

## g. Pipeline Issue Mitigation

Finally, as also discussed in our October 1 TCR Petition, we had to address some unforeseen pipeline mitigation issues that were discovered upon the start of construction of later line segments of the project. Transmission lines can cause accelerated corrosion on the pipelines in the vicinity, which we need to take steps to avoid. While the particular plan for mitigation has not yet been established, we will likely need to bury a copper line near the pipeline. We estimated the costs for pipeline mitigation for the CapX2020 La Crosse project based on costs for pipeline mitigation incurred as part of the CapX2020 Fargo project.

In summary, we respectfully request approval of recovery through the TCR of the $\$ 326.7$ million estimated cost at completion of the CapX2020 La Crosse project, which is less than the $\$ 330.3$ million escalated cost cap. If the Commission disagrees that this full amount is not appropriate for recovery through the TCR Rider, we respectfully request to include these costs in the context of our pending rate case where the record can be further developed.

## B. Accumulated Deferred Income Taxes (ADIT)

The Department recommended that the Commission require Xcel Energy to replace our forecasted prorated ADIT balances with actual non-prorated ADIT balances in its beginning-of-month and end-of- month average ADIT balance calculations for true-up purposes in future rate rider filings. Alternatively, the Department recommended that the Commission could require Xcel Energy's riders to be based solely on historical costs.

We note that we plan to address the ADIT issue in our currently pending rate case (Docket No. E002/GR-15-826). Specifically, we plan to address it in a supplement to our response to the Department's Information Request No. 1139 which deals with this same topic. The rate case is a more appropriate forum for this issue for two reasons. First, the potential consequences of the outcome of this complex issue go beyond riders and developing the issue in the rate case will allow further analysis and comments. Second, due to the timing of the true-up, the issue does not need to be decided immediately so the rate case procedural schedule will allow a more thorough discussion and perhaps additional clarity on the topic before our next series of annual rider filings are heard at the Commission.

With regard to the Department's alternative solution, using historical test years for riders, we note that there are customer benefits associated with the use of accelerated tax methods in the forecast period that would disappear with the use of a historical test year. If the Commission wishes to explore the use of historical test years for riders, we believe there should be additional record development.

## C. Jurisdictional Allocators

The Department recommended that the proposed 2016 revenue requirements and resulting rate factors be updated using the state jurisdictional allocators approved in the Company's last electric rate case (Docket No. E002/GR-13-868).

We note that we used the state jurisdictional allocators as filed in the 2016 test year in our currently-pending rate case (Docket No. E002/GR-15-826) for consistency between dockets. However, if the Department prefers to use the allocators from our last rate case, we are not opposed. In any event, we will true-up the tracker account after the rate case has concluded so the outcome will be the same regardless of the approach taken in this TCR proceeding.

We provide the following updated attachments using the last-approved jurisdictional allocators which aligns with the Department's recommendation:

$$
\begin{array}{rl}
4 & \text { Annual Tracker Summary } \\
5 & 2015 \text { Tracker } \\
6 & 2014 \text { Tracker } \\
7 & 2016 \text { Tracker } \\
8 & 2017 \text { Tracker } \\
9 & \text { Revenues } \\
10 & \text { Universal Inputs } \\
13 & \text { RECB Schedule } \\
14 & \text { Revenue Requirements by Project } \\
\text { A } & \text { ADIT Prorate Schedule }
\end{array}
$$

These updates increased the revenue requirement from $\$ 78,410,459$ to $\$ 78,599,537$ and the residential rate from $\$ 0.003131$ to $\$ 0.003138$ per kWh.

## D. CapX2020 Brookings

The Department requested that the Company explain the forecasted $\$ 788,600$ reduction in capital costs for the CapX2020 Brookings project in 2017. The CapX2020 Brookings project is a 345 kV transmission line, and thus the "By the Farm" (BTF) law ${ }^{5}$ applies to the easements needed on surrounding residential and agricultural properties. Landowners who may not want to live by a high voltage power line have the option to sell their homes to the utility, and they have a set timeline by which to elect BTF. This timeline does not always coincide with construction timelines. When BTF is elected by landowners and the properties are acquired by the utility, the properties are marketed for resale and the proceeds are credited to the project, in this case CapX2020 Brookings.

While the actual expenditure to acquire BTF properties was reflected in prior year actual costs, the $\$ 788,600$ reduction in 2017 capital costs reflects the sales revenue from properties acquired for CapX2020 Brookings project easements. Capital costs in 2017 show an overall reduction because the project is complete and is forecasted to have no positive expenditure, which would otherwise offset these BTF sales.

## E. CapX2020 Big Stone - Brookings Project

The Department requested that the Company provide initial cost estimates for the CapX2020 Big Stone - Brookings project as filed with the South Dakota Public Utilities Commission (SDPUC). The total project cost estimate for the complete project of $\$ 227$ million, including AFUDC, is provided on page 2 of the December 19, 2012 Petition for Order Accepting Recertification of the Big Stone - Brookings project. ${ }^{6}$ This estimate includes escalation.

In the original Facility Permit granted to Otter Tail Power Company (OTP) in January 2007, ${ }^{7}$ the line segment cost estimates were presented only for the South Dakota portion of the transmission lines. The December 20, 2012 Supplement and Amended Information for Application, Appendix A indicated that the estimated cost for all segments of the original transmission project was approximately $\$ 110$ million, including AFUDC, in 2006 dollars.

[^2]However, the project approved in the original Facility Permit did not go forward as proposed. In the 2012 recertification docket, OTP requested a recertification of only the following three portions of the original project:

1. Two 230 kV transmission lines, each 1.5 miles in length;
2. The Big Stone South substation; and
3. Approximately 28 miles of 345 kV double circuit-capable transmission line. ${ }^{8}$

Because not all portions of the original project proceeded to the construction phase, the cost estimates presented in the original Facility Permit in SDPUC Docket No. EL06-02 do not provide comparable project costs for the current CapX2020 Big Stone - Brookings Project.

Table 1 below shows the initial project cost estimates as approved in Docket No. EL12-063 and as reported to MISO as part of one of the MISO MVP regional projects. Xcel Energy's portion of the estimated initial project costs is $\$ 92.2$ million, including AFUDC. These estimated project costs are consistent with the project costs reported to MISO as part of this MVP project in December 2011.

Table 1
CapX2020 Big Stone - Brookings Initial Project Costs

| TCR <br> line <br> item | Project Segment | Total Cost <br> Estimated for <br> Facility Permit | NSPM Share | Docket No. |
| :--- | :--- | ---: | ---: | :--- |
| N/A | 230 kV Line; Big Stone South <br> Sub; Big Stone Plant <br> Improvements | $\$ 52.0$ million |  | EL12-045 |
| Line and <br> Land | T-Line (345kV) and Easements <br> North Half (Approved Route) | $\$ 66.0$ million | $\$ 33.0$ million | EL12-045 |
| Line and <br> Land | T-Line (345kV) and Easements <br> South Half (New Route) | $\$ 99.0$ million | $\$ 49.5$ million | EL13-020 |
| Sub | Brookings County Substation <br> modifications | $\$ 9.7$ million | $\$ 9.7$ million | EL13-020 |
|  | Total Estimated Project Cost <br> (w/ AFUDC) | $\mathbf{\$ 2 2 6 . 7}$ million | $\$ \mathbf{9 2 . 2}$ million |  |

The May 31, 2013 Application for a Facility Permit for the southern portion of the project ${ }^{9}$ provides the project ownership percentages on page 11 and total project

[^3]costs, including escalation, on page 12, which were approved by SDPUC Order on February 20, 2014.

Attachment 3B of our initial TCR Petition shows Xcel Energy's projected total project expenditure for CapX2020 Big Stone - Brookings to be $\$ 81.3$ million, below the estimated total project costs as submitted to the SDPUC. There are several reasons that our current cost estimate for the CapX2020 Big Stone - Brookings project at completion is less than initially submitted to the SDPUC. The lower cost is reflective of 1) value engineering, whereby we were able to substitute materials and methods with less expensive alternatives without sacrificing quality or functionality; 2) estimate refinement where our actual appropriation cost was less than as originally scoped for the cost estimates; and 3) lower material prices. For example, steel commodity prices were at a 5 -year historic low when the structures for this project were purchased, which helped reduce the total project cost. Because there is a trueup mechanism in the TCR Rider, customers will experience these project cost reductions through lower rates.

## F. Badger - Coulee Project (La Crosse - Madison)

The Department requested that the Company provide initial cost estimates for the Badger - Coulee Project (La Crosse - Madison) in Wisconsin Public Service Commission (PSCW) Docket No. 5-CE-142. In the initial filing, the original project costs were projected to be $\$ 576.2$ million; however, the project costs presented in the final PSCW Order were slightly higher due to routing changes made by the PSCW. The final, approved project costs of $\$ 581.4$ million are the relevant initial cost estimates. This estimate includes escalation.

Page 56 of the PSCW's April 23, 2015 Final Decision in the referenced CPCN docket provides a breakdown of total project costs for a total project cost of $\$ 581.4$ million, including AFUDC. Of this total, Xcel Energy's portion of the approved total project costs is $\$ 206.4$ million, including AFUDC. Table 2 below shows the initial project cost estimates and Xcel Energy's portion of the costs.

Table 2
Badger - Coulee Initial Project Costs

| TCR Line <br> Item | Project Segment | Total Cost <br> Estimated in <br> CPCN docket <br> as approved | NSPW <br> Share |
| :---: | :--- | :---: | :---: |
| Land and <br> Line | T-Line (345kV) Line and Easement | $\$ 497.5$ million | $\$ 160.3$ million |
| Sub | Three substations, including Xcel Energy's <br> Briggs Road Substation | $\$ 18.5$ million | $\$ 6.5$ million |
| Line | Environmental Impact Fee, Pre-certification <br> costs and other project costs | $\$ 38.1$ million | $\$ 12.3$ million |
|  | Total Estimated Project Cost <br> (without AFUDC) | $\$ 554.1$ million | $\$ 179.1$ million |
| N/A | AFUDC | $\$ 27.3$ million | $\$ 27.3$ million |
|  | Total Estimated Project Cost <br> (with AFUDC) | $\mathbf{\$ 5 8 1 . 4}$ million | $\$ 206.4$ million |

Attachment 3B of our initial TCR Petition shows Xcel Energy's projected total expenditure for the Badger - Coulee project to be $\$ 192.2$ million excluding AFUDC, which was Xcel Energy's initial estimate of ownership share. We maintained this level of forecast until the project ownership agreements were finalized on October 30, 2015, after the TCR Petition was filed. We then updated our project forecast to $\$ 179.1$ million to correspond with the final ownership percentage, as shown in Table 2 above. We will make this adjustment to the forecasted project expenditure in our next TCR petition.

## Conclusion

We appreciate the opportunity to respond to the Department's Comments. We respectfully request the Commission approve our petition as supplemented on November 6, 2015 and through this Reply.

Dated: June 3, 2016
Northern States Power Company

|  | 2014 | 2015 | 2016 | 2017 |
| :---: | :---: | :---: | :---: | :---: |
|  | Actual (1) | Forecast | Forecast | Forecast |
| Legacy Projects | - | - | - | - |
| CAPX2020-Brookings | 32,343,281 | 39,831,476 | 40,548,507 | 39,532,521 |
| CAPX2020-Fargo | 15,165,454 | 17,969,081 | 18,645,309 | 18,173,166 |
| CAPX2020-La Crosse Local | 1,016,247 | 2,641,078 | 5,837,899 | 7,076,199 |
| CAPX2020-La Crosse MISO | 5,742,482 | 6,507,417 | 6,984,340 | 6,802,882 |
| CAPX2020-La Crosse MISO - WI | 4,573,701 | 10,331,169 | 13,546,757 | 13,213,546 |
| Big Stone-Brookings | - | - | 1,925,108 | 5,206,141 |
| LaCrosse - Madison | -- | - | 2,722,645 | 8,115,864 |
| RECB - 26 \& 26(a) | $(28,841,888)$ | (22,891,236) | $(19,911,560)$ | (9,162,810) |
| Transmission Projects | 29,999,279 | 54,388,986 | 70,299,004 | 88,957,510 |
| ADIT Pro-rate |  |  | 151,103 | 134,871 |
| TCR True-up Carryover | (1,379,070) | 5,201,080 | 8,149,430 | 169,451 |
| Revenue Requirement (RR) | 28,620,209 | 59,590,066 | 78,599,537 | 89,261,833 |
| Revenue Collections (RC) | 23,419,128 | 51,440,636 | 78,430,086 | 89,261,833 |
| Balance | 5,201,080 | 8,149,430 | 169,451 | - |

Footnote (1)
Attachment 6 of the Company's June 30, 2015 Compliance filing in Docket No. E002/M-14-852 improperly labeled header information for September through December as "actual" in lieu of "mixed". The schedule above is properly labeled and reflects the Company's 2014 actual capital costs and revenue collections for all of 2014.

| 2015 Tracker |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Carryover | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Anterecast |
|  | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Mixed | Mixed | Forecast | Forecast | Forecast |  |
| Legacy Projects |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CAPX2020-Brookings | 3,254,368 | 3,318,248 | 3,367,130 | 3,366,775 | 3,360,985 | 3,349,499 | 3,320,005 | 3,306,577 | 3,313,489 | 3,304,337 | 3,288,561 | 3,281,501 | 39,831,476 |
| CAPX2020-Fargo | 1,458,883 | 1,465,628 | 1,470,435 | 1,519,183 | 1,561,317 | 1,541,821 | 1,520,237 | 1,508,088 | 1,500,298 | 1,488,797 | 1,474,689 | 1,459,704 | 17,969,081 |
| CAPX2020-La Crosse Local | 130,420 | 134,483 | 141,134 | 148,521 | 161,998 | 182,268 | 204,944 | 235,278 | 272,255 | 310,822 | 345,812 | 373,143 | 2,641,078 |
| CAPX2020-La Crosse MISO | 548,516 | 548,709 | 548,016 | 546,595 | 544,286 | 543,299 | 542,625 | 550,115 | 551,752 | 539,966 | 527,920 | 515,618 | 6,507,417 |
| CAPX2020-La Crosse MISO - WI | 724,215 | 752,997 | 783,483 | 814,096 | 848,575 | 879,123 | 895,077 | 906,850 | 941,101 | 955,548 | 928,887 | 901,216 | 10,331,169 |
| Big Stone-Brookings LaCrosse - Madison |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RECB - 26 \& 26(a) | (2,383,390) | (2,197,67) | (1,567,835) | (2,043,544) | (1,509,709) | (1,431,962) | (1,551,364) | (1,592,224) | (2,025,002) | $(2,330,261)$ | $(2,076,600)$ | $(2,181,673)$ | (22,891,236) |
| Transmission Projects | 3,733,013 | 4,022,394 | 4,742,363 | 4,351,626 | 4,967,453 | 5,064,047 | 4,931,524 | 4,914,684 | 4,553,894 | 4,269,209 | 4,489,269 | 4,349,509 | 54,388,986 |
| TCR True-up Carryover 5,201,080 | 433,423.36 | 433,423 | 433,423 | 433,423 | 433,423 | 433,423 | 433,423 | 433,423 | 433,423 | 433,423 | 433,423 | 433,423 | 5,201,080 |
| Revenue Requirement | 4,166,436 | 4,455,818 | 5,175,786 | 4,785,050 | 5,400,876 | 5,497,470 | 5,364,948 | 5,348,107 | 4,987,317 | 4,702,633 | 4,922,693 | 4,782,933 | 59,590,066 |
| Revenue Collections | 2,416,738 | 2,089,428 | 2,378,733 | 2,134,316 | 2,016,140 | 2,361,600 | 4,809,524 | 7,590,058 | 6,499,026 | 6,307,120 | 6,205,119 | 6,632,834 | 51,440,636 |
| Balance | 1,749,698 | 4,116,088 | 6,913,141 | 9,563,875 | 12,948,611 | 16,084,481 | 16,639,905 | 14,397,954 | 12,886,246 | 11,281,758 | 9,999,332 | 8,149,430 |  |



| 2016 Tracker |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Carryover | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Annual Total |
|  | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast |
| Legacy Projects |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CAPX2020-Brookings | 3,413,130 | 3,407,299 | 3,401,422 | 3,395,593 | 3,389,812 | 3,384,009 | 3,377,572 | 3,370,495 | 3,363,389 | 3,356,098 | 3,348,603 | 3,341,084 | 40,548,507 |
| CAPX2020-Fargo | 1,572,597 | 1,569,175 | 1,565,753 | 1,562,331 | 1,558,909 | 1,555,487 | 1,552,065 | 1,548,643 | 1,545,221 | 1,541,799 | 1,538,376 | 1,534,954 | 18,645,309 |
| CAPX2020-La Crosse Local | 404,848 | 424,682 | 440,863 | 456,394 | 469,372 | 479,389 | 488,402 | 494,483 | 524,904 | 555,401 | 551,900 | 547,262 | 5,837,899 |
| CAPX2020-La Crosse MISO | 589,281 | 587,962 | 586,644 | 585,325 | 584,006 | 582,688 | 581,369 | 580,050 | 578,732 | 577,413 | 576,094 | 574,776 | 6,984,340 |
| CAPX2020- La Crosse MISO - WI | 1,133,861 | 1,133,189 | 1,135,106 | 1,136,402 | 1,134,873 | 1,132,991 | 1,130,403 | 1,127,714 | 1,124,891 | 1,122,000 | 1,119,109 | 1,116,219 | 13,546,757 |
| Big Stone-Brookings | 53,891 | 64,205 | 77,283 | 93,741 | 113,721 | 136,401 | 161,880 | 190,094 | 219,404 | 246,780 | 272,439 | 295,269 | 1,925,108 |
| LaCrosse - Madison | 111,720 | 119,080 | 128,028 | 139,518 | 156,597 | 184,792 | 218,951 | 253,444 | 290,890 | 331,845 | 372,789 | 414,991 | 2,722,645 |
| ADIT Pro-Rate | 226 | 885 | 1,980 | 3,520 | 5,495 | 7,895 | 10,714 | 13,952 | 17,956 | 23,174 | 29,314 | 35,992 | 151,103 |
| RECB - 26 \& 26(a) | (1,662,090) | $(1,494,266)$ | $(1,995,923)$ | (1,754,371) | (1,117,239) | $(932,607)$ | (1,611,871) | $(1,874,577)$ | $(1,579,106)$ | (1,968,772) | (2,268,062) | (1,652,677) | (19,911,560) |
| Transmission Projects | 5,617,465 | 5,812,210 | 5,341,155 | 5,618,452 | 6,295,547 | 6,531,045 | 5,909,485 | 5,704,298 | 6,086,280 | 5,785,738 | 5,540,563 | 6,207,869 | 70,450,107 |
| Revenue Requirement in Base Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TCR True-up Carryover 8,149,430 | 679,119 | 679,119 | 679,119 | 679,119 | 679,119 | 679,119 | 679,119 | 679,119 | 679,119 | 679,119 | 679,119 | 679,119 | 8,149,430 |
| Revenue Requirement | 6,296,584 | 6,491,329 | 6,020,274 | 6,297,571 | 6,974,666 | 7,210,164 | 6,588,604 | 6,383,417 | 6,765,399 | 6,464,857 | 6,219,682 | 6,886,988 | 78,599,537 |
| Revenue Collections | 6,777,985 | 6,263,861 | 6,383,973 | 5,776,045 | 5,985,971 | 6,751,053 | 7,689,980 | 7,408,501 | 6,444,946 | 6,250,150 | 6,143,420 | 6,554,200 | 78,430,086 |
| Balance | (481,401) | $(253,933)$ | (617,631) | (96,105) | 892,590 | 1,351,701 | 250,325 | (774,759) | $(454,306)$ | $(239,599)$ | $(163,337)$ | 169,451 |  |


| 2017 Tracker |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Carryover | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Annual Total |
|  | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast |
| Legacy Projects |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CAPX2020-Brookings | 3,336,197 | 3,328,431 | 3,320,665 | 3,312,992 | 3,305,228 | 3,297,267 | 3,289,611 | 3,282,438 | 3,275,432 | 3,268,426 | 3,261,420 | 3,254,414 | 39,532,521 |
| CAPX2020-Fargo | 1,532,147 | 1,528,926 | 1,525,705 | 1,522,484 | 1,519,262 | 1,516,041 | 1,512,820 | 1,509,599 | 1,506,377 | 1,503,156 | 1,499,935 | 1,496,714 | 18,173,166 |
| CAPX2020-La Crosse Local | 598,903 | 597,227 | 595,550 | 593,874 | 592,198 | 590,521 | 588,845 | 587,169 | 585,493 | 583,816 | 582,140 | 580,464 | 7,076,199 |
| CAPX2020-La Crosse MISO | 573,708 | 572,472 | 571,235 | 569,998 | 568,762 | 567,525 | 566,289 | 565,052 | 563,815 | 562,579 | 561,342 | 560,105 | 6,802,882 |
| CAPX2020- La Crosse MISO - WI | 1,116,020 | 1,113,313 | 1,110,605 | 1,107,898 | 1,105,190 | 1,102,483 | 1,099,775 | 1,097,068 | 1,094,360 | 1,091,653 | 1,088,945 | 1,086,238 | 13,213,546 |
| Big Stone-Brookings | 316,911 | 351,250 | 382,454 | 398,750 | 415,068 | 431,377 | 447,040 | 461,645 | 478,861 | 494,240 | 503,901 | 524,645 | 5,206,141 |
| LaCrosse - Madison | 462,637 | 498,448 | 534,927 | 572,290 | 610,258 | 648,624 | 688,363 | 731,873 | 777,985 | 823,511 | 864,533 | 902,414 | 8,115,864 |
| ADIT Pro-Rate | 212 | 827 | 1,841 | 3,258 | 5,069 | 7,265 | 9,837 | 12,780 | 16,126 | 19,930 | 24,146 | 33,581 | 134,871 |
| RECB - 26 \& 26(a) | $(679,316)$ | (637,753) | $(1,118,707)$ | $(988,066)$ | $(256,377)$ | $(6,050)$ | $(485,306)$ | $(827,273)$ | (729,174) | $(1,162,561)$ | $(1,438,395)$ | (833,831) | (9,162,810) |
| Transmission Projects | 7,257,420 | 7,353,141 | 6,924,275 | 7,093,477 | 7,864,657 | 8,155,054 | 7,717,274 | 7,420,349 | 7,569,275 | 7,184,749 | 6,947,968 | 7,604,742 | 89,092,381 |
| TCR True-up Carryover 169,451 | 14,121 | 14,121 | 14,121 | 14,121 | 14,121 | 14,121 | 14,121 | 14,121 | 14,121 | 14,121 | 14,121 | 14,121 | 169,451 |
| Revenue Requirement | 7,271,541 | 7,367,262 | 6,938,396 | 7,107,597 | 7,878,778 | 8,169,175 | 7,731,395 | 7,434,470 | 7,583,396 | 7,198,870 | 6,962,089 | 7,618,863 | 89,261,833 |
| Revenue Collections | 7,271,541 | 7,367,262 | 6,938,396 | 7,107,597 | 7,878,778 | 8,169,175 | 7,731,395 | 7,434,470 | 7,583,396 | 7,198,870 | 6,962,089 | 7,618,863 | 89,261,833 |
| Balance |  |  |  |  |  | - | - | - | - | - | - |  |  |



| Revenues | $\begin{aligned} & \text { Jan-16 } \\ & \text { Forecast } \end{aligned}$ | Feb-16 Forecast | Mar-16 <br> Forecast | $\begin{aligned} & \text { Apr-16 } \\ & \text { Forecast } \end{aligned}$ | May-16 | $\begin{aligned} & \begin{array}{l} \text { Jun-16 } \\ \text { Forecast } \end{array} \end{aligned}$ | Jul-16Forecast | Aug-16 Forecast | Sep-16 Forecast | $\begin{aligned} & \text { Oct-16 } \\ & \text { Forecast } \end{aligned}$ | Nov-16 Forecast | Dec-16 <br> Forecast |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Monthly Inputs |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement n/incl true-up | 5,617,465 | 5,812,210 | 5,341,155 | 5,618,452 | 6,295,547 | 6,531,045 | 5,909,485 | 5,704,298 | 6,086,280 | 5,785,738 | 5,540,563 | 6,207,869 |
| Remaining true-up in current calendar year | 8,149,430 | 7,470,311 | 6,791,192 | 6,112,073 | 5,432,953 | 4,753,834 | 4,074,715 | 3,395,596 | 2,716,477 | 2,037,358 | 1,358,238 | 679,119 |
| Revenue Carried-forward balance | -481,401 | -253,933 | -617,631 | -96,105 | 892,590 | 1,351,701 | 250,325 | -774,759 | -454,306 | -239,599 | -163,337 | 169,451 |
| Sales by Customer Group (Billed by total Usage) |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential | 807,636,762 | 701,074,012 | 678,893,755 | 561,682,716 | 583,958,976 | 753,243,534 | 936,045,985 | 837,172,224 | 658,977,000 | 613,017,713 | 651,864,163 | 775,027,427 |
| Commercial Non-Demand | 87,923,255 | 80,910,206 | 86,261,320 | 76,007,505 | 75,593,279 | 75,211,743 | 79,325,235 | 81,938,338 | 72,706,285 | 68,549,565 | 69,063,422 | 77,480,096 |
| Demand | 1,729, 144,295 | 1,597,818,414 | 1,729,638,405 | 1,609,649,718 | 1,686,321,060 | 1,782,521,220 | 1,944,074,409 | 1,970,932,744 | 1,821,601,708 | 1,770,447,846 | 1,669,243,817 | 1,702,171,772 |
| Street Lighting | 19,917,994 | 16,03,652 | 17,079,809 | 13,821,384 | 12,290,214 | 11,646,443 | 11,426,006 | 11,386,564 | 13,122,083 | 15,102,478 | 16,848,195 | 18,949,539 |
| Total kWh Sales in Month | 2,644,622,306 | 2,395,833,284 | 2,511,873,289 | 2,261,161,322 | 2,358,163,529 | 2,622,622,940 | 2,970,871,635 | 2,901,429,870 | 2,566,407,076 | 2,467,117,601 | 2,407,019,599 | 2,573,628,834 |
| Flags |  |  |  |  |  |  |  |  |  |  |  |  |
| Rate Change | x |  |  |  |  |  |  |  |  |  |  |  |
| Rate Periods | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Rate Period Calculations |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement for Rate Period | 70,450,107 |  |  |  |  |  |  |  |  |  |  |  |
| Remaining true-up in current calendar year | 8,149,430 |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Neeeds Durining Remaining Rate Period |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 78,599,537 |  |  |  |  |  |  |  |  |  |  |  |
| Total kWh Sales in Rate Period | 30,680,751,285 |  |  |  |  |  |  |  |  |  |  |  |
| RR/kWh Sales | 0.002562 | \$ 0.002562 | \$ 0.002562 | 0.002562 | 0.002562 | 0.002562 | \$ 0.002562 | 0.002562 | \$ 0.002562 | 0.002562 | 0.002562 | 0.002562 |
| Weighting |  |  |  |  |  |  |  |  |  |  |  |  |
| Transmission Demand Allocator |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% |
| Commercial Non-Demand | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% |
| Demand | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% |
| Street Lighting | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |
| Total | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| Sales Allocator |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% |
| Commercial Non-Demand | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% |
| Demand | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% |
| Street Lighting | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% |
| Total | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| Group Weighting (ratio of "\% of total demand"/\%\% of total saleResidential |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 |
| Commercial Non-Demand | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 |
| Demand | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 |
| Street Lighting | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Sales - Demand Group |  |  |  |  |  |  |  |  |  |  |  |  |
| Annual kWh Sales | 0.002562 | 0.002562 | 0.002562 | 0.002562 | 0.002562 | 0.002562 | 0.002562 | 0.002562 | 0.002562 | 0.002562 | 0.002562 | 0.002562 |
| Group Weighting Demand | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 |
| C\&l Demand cost/kWh | 0.002320 | 0.002320 | 0.002320 | 0.002320 | 0.002320 | 0.002320 | 0.002320 | 0.002320 | 0.002320 | 0.002320 | 0.002320 | 0.002320 |
| Applicable Months: C\&l Demand in kWh Sales | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 | 21,013,565,407 |
| Monthly Demand: C\&I kW Demand | 4,375,179 | 4,200,848 | 4,391,705 | 4,161,749 | 4,317,171 | 4,575,723 | 4,963,865 | 4,986,818 | 4,572,751 | 4,530,977 | 4,277,745 | 4,276,396 |
| Applicable Months: C\&I kW Demand | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 |
| Conversion Factor: kWh to Kw | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 |
| Weighted Cost/mit |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential kWh | 0.003138 | 0.003138 | 0.003138 | 0.003138 | 0.003138 | 0.003138 | 0.003138 | 0.003138 | 0.003138 | 0.003138 | 0.003138 | 0.003138 |
| Commercial Non-Demand kWh | 0.003032 | 0.003032 | 0.003032 | 0.003032 | 0.003032 | 0.003032 | 0.003032 | 0.003032 | 0.003032 | 0.003032 | 0.003032 | 0.003032 |
| Demand kW | 0.909000 | 0.909000 | 0.909000 | 0.909000 | 0.909000 | 0.909000 | 0.909000 | 0.909000 | 0.909000 | 0.909000 | 0.909000 | 0.909000 |
| Street Lighting kWh | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Revenues $\begin{array}{r}\text { Residential } \\ \\ \end{array} \begin{array}{r}\text { Commercial } \\ \text { Non-Demand } \\ \text { Demand } \\ \text { Street Lighting }\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2,534,364 | 2,199,970 | 2,130,369 | 1,762,560 | 1,832,463 | 2,363,678 | 2,937,312 | 2,627,046 | 2,067,870 | 1,923,650 | 2,045,550 | 2,432,036 |
|  | 266,583 | 245,320 | 261,544 | 230,455 | 229,199 | 228,042 | 240,514 | 248,437 | 220,445 | 207,842 | 209,400 | 234,920 |
|  | 3,977,037 | 3,818,571 | 3,992,060 | 3,783,030 | 3,924,309 | 4,159,332 | 4,512,154 | 4,533,018 | 4,156,631 | 4,118,658 | 3,888,470 | 3,887,244 |
|  | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 |  |
| Monthly Forecast Totals Actual Revenues | 6,777,985 | 6,263,861 | 6,383,973 | 5,776,045 | 5,985,971 | 6,751,053 | 7,689,980 | 7,408,501 | 6,444,946 | 6,250,150 | 6,143,420 | 6,554,200 |
| Combined Actual \& ForecastAnnual Total | 6,777,985 | 6,263,861 | 6,383,973 | 5,776,045 | 5,985,971 | 6,751,053 | 7,689,980 | 7,408,501 | 6,444,946 | 6,250,150 | 6,143,420 | 6,554,200 |
|  |  |  |  |  |  |  |  |  |  |  |  | 78,430,086 |


| Revenues | $\begin{gathered} \text { Jan-17 } \\ \text { Forecast } \end{gathered}$ | Feb-17 Forecast | Mar-17 Forecast | $\begin{aligned} & \text { Apr-17 } \\ & \text { Coner } \end{aligned}$Forecast | $\begin{aligned} & \text { May-17 } \\ & \text { Forecast } \end{aligned}$ | $\begin{aligned} & \text { Jun-17 } \\ & \text { Forecast } \end{aligned}$ | $\begin{gathered} \begin{array}{c} \text { Jul-17 } \\ \text { Forecast } \end{array} \end{gathered}$ | Aug-17 Forecast | Sep-17 Forecast | Oct-17 <br> Forecast | Nov-17 <br> Forecast | Dec-17Forecast |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Monthly Inputs |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement n/incl true-up | 7,257,420 | 7,353,141 | 6,924,275 | 7,093,477 | 7,864,657 | 8,155,054 | 7,717,274 | 7,420,349 | 7,569,275 | 7,184,749 | 6,947,968 | 7,604,742 |
| Remaining true-up in current calendar year | 169,451 | 155,330 | 141,209 | 127,089 | 112,968 | 98,847 | 84,726 | 70,605 | 56,484 | 42,363 | 28,242 | 14,121 |
| Revenue Carried-forward balance | 0 | 0 | , | , | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sales by Customer Group (Billed by total Usage) |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential | 798,882,404 | 677,188,596 | 670,812,682 | 553,959,446 | 578,439,563 | 747,863,472 | 931,099,733 | 832,791,676 | 654,621,768 | 609,876,473 | 648,405,558 | 771,462,411 |
| Commercial Non-Demand | 88,417,735 | 78,806,683 | 86,791,029 | 77,339,507 | 76,919,650 | 75,699,895 | 79,859,231 | 82,366,211 | 72,958,611 | 69,237,105 | 69,611,207 | 77,924,735 |
| Demand | 1,749,682,947 | 1,564,460,595 | 1,734,589,114 | 1,625,415,189 | 1,703,041,185 | 1,788,725,995 | 1,951,554,122 | 1,976,730,945 | 1,825,229,266 | 1,781,157,082 | 1,682,503,784 | 1,713,352,604 |
| Street Lighting | 19,985,435 | 16,491,381 | 16,657,458 | 13,967,378 | 12,533,750 | 11,732,068 | 11,555,885 | 11,513,805 | 13,199,336 | 15,269,966 | 17,002,570 | 19,027,367 |
| Total kWh Sales in Month | 2,656,968,522 | 2,336,947,256 | 2,508,850,283 | 2,270,681,520 | 2,370,934,147 | 2,624,021,431 | 2,974,068,972 | 2,903,402,637 | 2,566,008,980 | 2,475,540,627 | 2,417,523,118 | 2,581,767,118 |
| Flags |  |  |  |  |  |  |  |  |  |  |  |  |
| Rate Change | x |  |  |  |  |  |  |  |  |  |  |  |
| Rate Periods | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Rate Period Calculations |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement for Rate Period | 89,092,381 |  |  |  |  |  |  |  |  |  |  |  |
| Remaining true-up in current calendar year | 169,451 |  |  |  |  |  |  |  |  |  |  |  |
| $\frac{\text { Revenue Needs During Remaining Rate Period }}{\text { Total } k W h \text { Sales in Rate Period }}$ | 89,261,833 |  |  |  |  |  |  |  |  |  |  |  |
|  | 30,686,714,611 |  |  |  |  |  |  |  |  |  |  |  |
| RR/kWh Sales | \$ 0.002909 | \$ 0.002909 | \$ 0.002909 | S 0.002909 | 0.002909 | 0.002909 | 0.002909 | 0.002909 | \$ 0.002909 | 0.002909 | 0.002909 | 0.002909 |
| Weighting |  |  |  |  |  |  |  |  |  |  |  |  |
| Transmission Demand Allocator |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% | 35\% |
| Commercial Non-Demand | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% | 4\% |
| Demand | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% | 61\% |
| Street Lighting | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |
| Total | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| Sales Allocator |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% | 28\% |
| Commercial Non-Demand | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% | 3\% |
| Demand | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% | 68\% |
| Street Lighting | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% |
| Total | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| Group Weighting (ratio of "\% of total demand"/\% of total saleResidential |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 | 1.2249 |
| Commercial Non-Demand | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 | 1.1834 |
| Demand | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 |
| Street Lighting | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Sales - Demand Group |  |  |  |  |  |  |  |  |  |  |  |  |
| Annual kWh Sales | 0.002909 | 0.002909 | 0.002909 | 0.002909 | 0.002909 | 0.002909 | 0.002909 | 0.002909 | 0.002909 | 0.002909 | 0.002909 | 0.002909 |
| Group Weighting Demand | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 | 0.9055 |
| C\&l Demand cost/kWh | 0.002634 | 0.002634 | 0.002634 | 0.002634 | 0.002634 | 0.002634 | 0.002634 | 0.002634 | 0.002634 | 0.002634 | 0.002634 | 0.002634 |
| Applicable Months: C\&I Demand in kWh Sales | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 | 21,096,442,828 |
| Monthly Demand: C\&I kW Demand | 4,375,179 | 4,200,848 | 4,391,705 | 4,161,749 | 4,317,171 | 4,575,723 | 4,963,865 | 4,986,818 | 4,572,751 | 4,530,977 | 4,277,745 | 4,276,396 |
| Applicable Months: C\&I kW Demand | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 | 53,630,930 |
| Conversion Factor: kWh to Kw | 393 | 393 | 393 | 393 | 393 | 393 | 393 | 393 | 393 | 393 | 393 | 393 |
| Weighted Cost/mit |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential kWh | 0.003563 | 0.003563 | 0.003563 | 0.003563 | 0.003563 | 0.003563 | 0.003563 | 0.003563 | 0.003563 | 0.003563 | 0.003563 | 0.003563 |
| Commercial Non-Demand kWh | 0.003442 | 0.003442 | 0.003442 | 0.003442 | 0.003442 | 0.003442 | 0.003442 | 0.003442 | 0.003442 | 0.003442 | 0.003442 | 0.003442 |
| Demand kW | 1.036000 | 1.036000 | 1.036000 | 1.036000 | 1.036000 | 1.036000 | 1.036000 | 1.036000 | 1.036000 | 1.036000 | 1.036000 | 1.036000 |
| Street Lighting kWh | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Revenues $\begin{array}{r}\text { Residential } \\ \\ \end{array}$ <br>   <br>  $\begin{array}{r}\text { Commercial } \\ \text { Non-Demand } \\ \text { Demand } \\ \text { Stret Lighting }\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2,846,418 | 2,412,823 | 2,390,106 | 1,973,758 | 2,060,980 | 2,664,638 | 3,317,508 | 2,967,237 | 2,332,417 | 2,172,990 | 2,310,269 | 2,748,721 |
|  | 304,334 | 271,253 | 298,735 | 266,203 | 264,757 | 260,559 | 274,875 | 283,504 | 251,124 | 238,314 | 239,602 | 268,217 |
|  | 4,532,685 | 4,352,079 | 4,549,807 | 4,311,572 | 4,472,590 | 4,740,449 | 5,142,565 | 5,166,344 | 4,737,370 | 4,694,093 | 4,431,744 | 4,430,346 |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| Monthly Forecast Totals Actual Revenues | 7,683,437 | 7,036,154 | 7,238,647 | 6,551,532 | 6,798,327 | 7,665,646 | 8,734,948 | $8,417,085$ | 7,320,911 | 7,105,396 | 6,981,615 | 7,447,284 |
| Combined Actual \& Forecast | 7,683,437 | 7,036,154 | 7,238,647 | 6,551,532 | 6,798,327 | 7,665,646 | 8,734,948 | 8,417,085 | 7,320,911 | 7,105,396 | 6,981,615 | 7,447,284 |


| Universal Inputs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dates |  |  |  |  |  | Jan-14 | Jan-15 | Jan-16 | Jan-17 |
|  |  |  |  |  |  | Actual | Forecast | Forecast | Forecast |
| DepreciationCurrent Land Line Sub |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 2007 | Book Depreciaion Life (yrs) |  | 0.00 | 41.24 | 38.27 |  |  |  |  |
| ${ }_{2008}^{2007}$ | Net Salvage \% Book Depreciaion Life (yrs) |  | ${ }^{0.000 \%}$ | ${ }_{\text {- }}^{\text {-19.66\% }}$ | ${ }^{0.000 \%} 40$ |  |  |  |  |
| 2008 | Net Savage \% |  | 0.00\% | -18.12\% | -0.00\% |  |  |  |  |
| 2009 | Book Depreciation Life (ys) |  | 0.00 | 44.46 | 38.24 |  |  |  |  |
| 2009 | Net Savage \% |  | 0.00\% | -17.91\% | 0.00\% |  |  |  |  |
| 2010 | Book Depreciation Life (yrs) |  | ${ }^{0.00}$ | 44.49 | ${ }^{38.22}$ |  |  |  |  |
| 2010 | Net Savage \% |  | 0.00\% | -17.76\% | 0.00\% |  |  |  |  |
| 2011 | Book Depreciation Life (yrs) |  | 0.00 | ${ }^{58.36}$ | 38.25 |  |  |  |  |
| 2011 | Net Salvage \% |  | 0.00\% | -17.28\% | 0.00\% |  |  |  |  |
| 2012 | Book Depreciaion Life (yrs) |  | 0.00 | 58.36 | 38.25 |  |  |  |  |
| ${ }_{2013}^{2012}$ | Net Savage \% \% Book Deprecition Life (yrs) |  | 0.00\% | - $\begin{gathered}\text {-17.28\% } \\ 63.01\end{gathered}$ | ${ }_{\substack{0}}^{0.000 \%}$ |  |  |  |  |
| ${ }_{2013}^{2013}$ |  |  | ${ }^{0.000}$ | ${ }_{-32.42 \%}^{63.01}$ | ${ }_{-9.519}$ |  |  |  |  |
| 2014 | Book Depreciation Life (yrs) |  | 0.00 | ${ }^{63.01}$ | 56.45 |  |  |  |  |
| 2014 | Net Salvage \% |  | 0.00\% | -32.42\% | $-9.51 \%$ |  |  |  |  |
| 2015 | Book Depreciation Life (yrs) |  | 0.00 | -62.72 | ${ }^{56.56}$ |  |  |  |  |
| 2015 | Net Salvage \% |  | 0.00\% | -32.51\% | $-9.54 \%$ |  |  |  |  |
| ${ }_{2016}^{2016}$ | Book Depreciation Life (ris) |  | 0.00 | ${ }^{62.72}$ | ${ }_{56.56}$ |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | Line |  |  |  |  | -32.42\% | ${ }^{\text {-32.51\% }}$ | -32.51\% | ${ }^{32.51 \%}$ |
|  | Sub |  |  |  |  | -9.51\% | $-9.54 \%$ | $-9.54 \%$ | -9.54\% |
| Book Depreciation Lives |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Line |  |  |  |  |  | ${ }^{63.01}$ | ${ }^{62.72}$ | ${ }^{62.72}$ | 析 |
|  |  |  |  |  |  | 56.45 | 56.56 | 56.56 | 56 |
| Book Depreciation Rates (Composite)Land |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| LineSub |  |  |  |  |  | 2.1015\% | 2.1126\% | 2.1126\% | 2.1126\% |
|  |  |  |  |  |  | 1.9399\% | 1.9366\% | 1.9366\% | 1.9366\% |
| Book Depreciation Rate: Final Period Land |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Sub |  |  | 100\% |  |  |  |  |  |  |
|  |  |  | 100\% |  |  |  |  |  |  |
| $\begin{aligned} & \text { Tax Rates } \\ & \text { Income Tax Rates } \end{aligned}$ |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| State Income Tax Rate <br> Federal Income Tax Rate |  |  |  |  |  | 9.8000\% | 9.8000\% | 9.8000\% | 9.8000\% |
|  |  |  |  |  |  | 35.0000\% | 35.0000\% | 35.0000\% | 35.0000\% |
| Composite Income TaX Rate |  |  |  |  |  |  |  |  |  |
| State Composite Income Tax Rate Company Composite Income Tax Rate |  |  |  |  |  | 41.3700\% | 41.3700\% | 41.3700\% | 41.3700\% |
|  |  |  |  |  |  | 40.8144\% | 40.8097\% | 40.8097\% | 40.8097\% |
| Tax Depreciaition Schedule: MACRS |  |  |  |  |  |  |  |  |  |
| Annual |  |  | 0.00\% |  |  |  |  |  |  |
|  | 1 |  | 5.00\% |  |  |  |  |  |  |
|  | ${ }_{3}^{2}$ |  | ${ }^{9.550 \%}$ |  |  |  |  |  |  |
|  | 4 |  | ${ }^{\text {7.70\% }}$ |  |  |  |  |  |  |
|  | 5 |  | ${ }_{\text {c }}^{6.9 .93 \%} 6$ |  |  |  |  |  |  |
|  | 7 |  | 5.90\% |  |  |  |  |  |  |
|  | 8 |  | 5.90\% |  |  |  |  |  |  |
|  | 10 |  | 5.91\% |  |  |  |  |  |  |
|  | ${ }_{11}^{10}$ |  | 5.91\% |  |  |  |  |  |  |
|  | 12 |  | 5.90\% |  |  |  |  |  |  |
|  | ${ }_{14}^{13}$ |  | 5.91\% |  |  |  |  |  |  |
|  | 14 15 |  | 5.9.90\% |  |  |  |  |  |  |
|  | 16 |  | 2.95\% |  |  |  |  |  |  |
| Tax Depreciaition Schedule: MACRS |  |  |  |  |  |  |  |  |  |
| Mid-Ouarer | Q2 | 2010 |  |  |  |  |  |  |  |
| ${ }_{\text {Year }}{ }_{1}{ }_{8}^{\text {Q1.75\% }}$ | Q2 |  | ${ }_{3.75 \%}$ | ${ }_{1}^{\text {Q }}$ 4 $25 \%$ |  |  |  |  |  |
| $2 \quad 9.13 \%$ |  | 9.38\% | 9.63\% | 9.88\% |  |  |  |  |  |
| ${ }^{8.21 \%}$ |  | 8.459\% | ${ }^{8.66 \%}$ | ${ }^{8.89 \%}$ |  |  |  |  |  |
| 7.39\% |  | 7.59\% | 7.80\% | 8.00\% |  |  |  |  |  |
| 5 6.65\% <br> 6 $5.99 \%$ |  | ${ }_{6.15 \%}^{6.83 \%}$ | ${ }_{\text {c }}^{7.02 \%}$ |  |  |  |  |  |  |
| $7 \quad 5.90 \%$ |  | 5.91\% | 5.90\% | 5.90\% |  |  |  |  |  |
| $8{ }^{5} 5$ |  | 5.90\% | 5.90\% | 5.90\% |  |  |  |  |  |
| $\begin{array}{rl}9 \\ 10 & 5.900 \\ 5.91 \%\end{array}$ |  | ${ }_{5.90 \%}^{5.91 \%}$ | ${ }_{5}^{5.91 \%}$ | 5.90\% $5.91 \%$ |  |  |  |  |  |
| 11 5.90\% |  | ${ }_{5}^{5.91 \%}$ | ${ }_{\text {5.91\% }}^{5}$ | 5.90\% |  |  |  |  |  |
| 12 5.91\% |  | 5.90\% | 5.90\% | 5.91\% |  |  |  |  |  |
| $\begin{array}{ll}13 & 5.90 \% \\ 14 & 5.91 \%\end{array}$ |  | $5.91 \%$ $5.90 \%$ | ${ }_{5}^{5.91 \%}$ | ${ }_{5}^{5.90 \%}$ |  |  |  |  |  |
| 15 5.90\% |  | 5.91\% | 5.91\% | 5.90\% |  |  |  |  |  |
| 16 0.74\% |  | 2.21\% | 3.69\% | 5.17\% |  |  |  |  |  |
| Bonus Depreciation Rate |  |  |  |  |  |  |  |  |  |
|  |  | 2009 | 50.00\% $50.00 \%$ |  |  |  |  |  |  |
|  |  | 2011 | 550.00\% |  |  |  |  |  |  |
|  |  | 2012 | 50.00\% |  |  |  |  |  |  |
|  |  | ${ }_{2013}^{2013}$ | 50.00\% $50.00 \%$ |  |  |  |  |  |  |
|  |  | 2015 | 50.00\% |  |  |  |  |  |  |
| Cap Structure (Last Authorized) ${ }_{\text {lom }}$ |  |  |  |  |  |  |  |  |  |
|  | Long Term Debt \% Long Term Debt Cost (\$s as a | \% of tota) |  |  |  | 45.600\% $4.9000 \%$ | 45.6100\% $4.9400 \%$ | 45.6100\% $4.9400 \%$ | 45.6100\% $4.9400 \%$ |
|  | Short Term Debt\% | ofota) |  |  |  | 1.9000\% | 1.8900\% | 1.8900\% | 1.8900\% |
|  | Short Term Debt Cost (\$s as a | \% of total) |  |  |  | 0.6200\% | 1.1200\% | 1.1200\% | 1.1200\% |
|  | Weighted Cost of Debt |  |  |  |  | 2.24\% | 2.27\% | 2.27\% | 2.27\% |
|  | Common Stock\% Common Stock Cost (ss as a |  |  |  |  | 52.5000\% | 52.5000\% | 52.5000\% | 52.5000\% |
|  | ${ }_{\text {Common Stock }}^{\text {Cost (Ss as a }}$ | of tota) |  |  |  | 9.7200\% | 9,7200\% | 9.7200\% | 9.7200\% |
|  | Preferred Stock Cost (\$s as a | \% of tota) |  |  |  | 0.0000\% | 0.0000\% | 0.0000\% | 0.0000\% |
|  | Weighted Cost of Equity |  |  |  |  | 5.10\% | 5.10\% | 5.10\% | 5.10\% |
|  |  |  |  |  |  | 7.34\% | 7.37\% | 7.37\% | 7.37\% |
| Property Tax Rates Percent Taxable |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Asset Rate <br> Property Tax Rate |  |  |  |  |  | 1.811\% | 1.714\% | 1.714\% | 1.714\% |
| OATT |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Total Cost of Capital Equity Gross-Up Rate |  |  |  |  |  | $7.3000 \%$ $70.5611 \%$ | 7.3700\% | 7.3700\% | $7.3700 \%$ <br> $70.5611 \%$ |
|  |  |  |  |  |  | 3.5986\% | 3.5986\% | 3.5986\% | ${ }^{3.5986 \%}$ |
|  |  |  |  |  |  | 10.9386\% | 10.9688\% | 10.9688\% | 10.9686\% |
|  |  |  |  |  |  | 19.900\% | 18.69\% | 20.99\% | 20.99\% |
| (erser |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |


| Regional Expansion Criteria |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| and Benefits | Jan-14 Actual | Feb-14 Actual | Mar-14 Actual | $\begin{aligned} & \text { Apr-14 } \\ & \text { Actual } \\ & \hline \end{aligned}$ | May-14 <br> Actual | Jun-14 Actual | Jul-14 Actual | Aug-14 Actual | Sep-14 Actual | $\begin{aligned} & \hline \text { Oct-14 } \\ & \text { Actual } \\ & \hline \end{aligned}$ | Nov-14 <br> Actual | Dec-14 Actual | $2014$ Actual |
| Revenue |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Schedule 26 | 5,545,835 | 4,889,369 | 5,120,435 | 4,514,251 | 4,754,659 | 6,141,202 | 6,387,845 | 6,087,120 | 5,682,181 | 4,655,480 | 6,132,663 | 5,216,379 | 65,127,417 |
| Schedule 26(a) | 4,435,941 | 3,908,064 | 4,152,363 | 3,719,190 | 3,899,844 | 4,095,728 | 4,635,458 | 4,596,442 | 4,045,562 | 3,965,102 | 3,954,306 | 3,525,516 | 48,933,517 |
| Total Revenue | 9,981,776 | 8,797,433 | 9,272,798 | 8,233,441 | 8,654,503 | 10,236,929 | 11,023,303 | 10,683,562 | 9,727,743 | 8,620,583 | 10,086,969 | 8,741,894 | 114,060,934 |
| Expense |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Schedule 26 | 4,966,410 | 4,255,830 | 4,440,339 | 3,932,451 | 5,113,258 | 5,066,056 | 6,235,165 | 5,556,824 | 5,088,687 | 3,995,908 | 4,396,895 | 4,683,086 | 57,730,909 |
| Schedule 26(a) | 1,531,859 | 1,351,839 | 1,466,063 | 1,375,206 | 1,408,286 | 1,482,978 | 1,717.319 | 1,746,555 | 1,451.547 | 1,398,959 | 1.375 .544 | 1.226.535 | 17.532.690 |
| Total Expense | 6,498,269 | 5,607,670 | 5,906,402 | 5,307,656 | 6,521,544 | 6,549,034 | 7,952,484 | 7,303,380 | 6,540,234 | 5,394,867 | 5,772,439 | 5,909,621 | 75,263,599 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | (3,483,507) | (3,189,763) | (3,366,396) | (2,925,785) | (2,132,959) | (3,687,896) | (3,070,819) | (3,380,182) | (3,187,509) | (3,225,716) | (4,314,530) | (2,832,274) | (38,797,335) |
| Demand Allocator | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% |
| RECB Revenue Requirement | $(2,589,634)$ | $(2,371,266)$ | $(2,502,575)$ | (2,175,024) | $(1,585,639)$ | (2,741,577) | $(2,282,843)$ | $(2,512,823)$ | (2,369,590) | $(2,397,993)$ | $(3,207,416)$ | $(2,105,509)$ | $(28,841,888)$ |
| RECB in Base Rates Net RECB Revenue Requirements | $(2,589,634)$ | $(2,371,266)$ | $(2,502,575)$ | (2,175,024) | $(1,585,639)$ | $(2,741,577)$ | $(2,282,843)$ | $(2,512,823)$ | $(2,369,590)$ | $(2,397,993)$ | $(3,207,416)$ | $(2,105,509)$ | $(28,841,888)$ |


| Regional Expansion Criteria |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| and Benefits | Jan-15 Actual | Feb-15 Actual | Mar-15 Actual | Apr-15 Actual | May-15 Actual | Jun-15 Actual | Jul-15 Actual | Aug-15 Actual | Sep-15 Forecast | Oct-15 Forecast | Nov-15 Forecast | Dec-15 <br> Forecast | $\begin{gathered} 2015 \\ \text { Forecast } \end{gathered}$ |
| Revenue |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Schedule 26 | 6,211,131 | 5,551,066 | 5,039,524 | 5,431,295 | 5,443,990 | 6,118,289 | 7,124,823 | 7,112,583 | 6,361,555 | 5,243,117 | 5,075,478 | 5,398,769 | 70,111,619 |
| Schedule 26(a) | 5,229,225 | 4,641,332 | 4,716,403 | 4,046,105 | 4,336,571 | 4,760,734 | 4,849,856 | 5,051,676 | 4,197,975 | 4,076,900 | 4,098,811 | 4,216,489 | 54,222,077 |
| Total Revenue | 11,440,356 | 10,192,398 | 9,755,926 | 9,477,401 | 9,780,561 | 10,879,023 | 11,974,679 | 12,164,258 | 10,559,531 | 9,320,017 | 9,174,289 | 9,615,259 | 124,333,696 |
| Expense |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Schedule 26 | 5,623,119 | 4,956,186 | 5,255,382 | 4,536,449 | 5,434,777 | 6,344,545 | 7,062,587 | 7,253,183 | 5,996,206 | 4,394,862 | 4,572,853 | 4,857,265 | 66,287,417 |
| Schedule 26(a) | 2,596,867 | 2,266,781 | 2,382,129 | 2,179,773 | 2,305,908 | 2,599,651 | 2,815,933 | 2,759,707 | 1,827,198 | 1,776,571 | 1,795,593 | 1,810,179 | 27,116,288 |
| Total Expense | 8,219,986 | 7,222,967 | 7,637,511 | 6,716,222 | 7,740,685 | 8,944,196 | 9,878,520 | 10,012,890 | 7,823,405 | 6,171,434 | 6,368,446 | 6,667,443 | 93,403,705 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | (3,220,370) | (2,969,431) | (2,118,415) | (2,761,179) | (2,039,876) | (1,934,827) | (2,096,159) | (2,151,369) | (2,736,126) | (3,148,583) | (2,805,843) | (2,947,815) | (30,929,991) |
| Demand Allocator | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% |
| RECB Revenue Requirement | $(2,383,390)$ | $(2,197,671)$ | $(1,567,835)$ | $(2,043,544)$ | $(1,509,709)$ | $(1,431,962)$ | $(1,551,364)$ | $(1,592,224)$ | $(2,025,002)$ | $(2,330,261)$ | $(2,076,600)$ | ( $2,181,673$ ) | (22,891,236) |
| RECB in ase ${ }^{\text {a }}$ Rates Net RECB Revenue Requirements | $(2,383,390)$ | $(2,197,671)$ | $(1,567,835)$ | $(2,043,544)$ | $(1,509,709)$ | $(1,431,962)$ | ( $1,551,364$ ) | $(1,592,224)$ | $(2,025,002)$ | $(2,330,261)$ | $(2,076,600)$ | $(2,181,673)$ | (22,891,236) |


| Regional Expansion Criteria <br> and Benefits | $\begin{gathered} \begin{array}{c} \text { Jan-16 } \\ \text { Forecast } \end{array} \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Feb-16 } \\ & \text { Forecast } \end{aligned}$ | $\begin{gathered} \text { Mar-16 } \\ \text { Forecast } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Apr-16 } \\ & \text { Forecast } \end{aligned}$ | May-16 <br> Forecast | $\begin{gathered} \begin{array}{c} \text { Jun-16 } \\ \text { Forecast } \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} \begin{array}{c} \text { Jul- } 16 \\ \text { Forecast } \end{array} \\ \hline \end{gathered}$ | Aug-16 Forecast | Sep-16 Forecast | $\begin{gathered} \begin{array}{c} \text { Oct-16 } \\ \text { Forecast } \end{array} \\ \hline \end{gathered}$ | Nov-16 <br> Forecas | Dec-16 Forecast | $\begin{gathered} 2016 \\ \text { Forecast } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Schedule 26 | 6,621,692 | 6,526,403 | 6,972,059 | 6,354,350 | 7,075,701 | 8,063,367 | 9,500,792 | 9,370,587 | 8,397,502 | 6,848,973 | 7,279,516 | 7,274,374 | 90,285,317 |
| Schedule 26(a) | 5,309,971 | 4,687,590 | 4,791,963 | 4,255,947 | 4,588,654 | 5,019,943 | 5,783,275 | 5,492,678 | 4,611,824 | 4,486,467 | 4,599,849 | 4,403,226 | 58,031,388 |
| Total Revenue | 11,931,663 | 11,213,993 | 11,764,022 | 10,610,297 | 11,664,355 | 13,083,310 | 15,284,067 | 14,863,265 | 13,009,327 | 11,335,441 | 11,879,365 | 11,677,600 | 148,316,706 |
| Expense |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Schedule 26 | 6,602,711 | 6,450,896 | 6,254,108 | 5,687,931 | 7,414,155 | 8,850,357 | 9,590,027 | 9,071,196 | 8,119,270 | 5,993,213 | 6,101,639 | 6,713,537 | 86,849,041 |
| Schedule 26(a) | 3,071,332 | 2,733,432 | 2,798,848 | 2,539,400 | 2,732,652 | 2,966,192 | 3,504,633 | 3,245,826 | ${ }_{2,745,153}$ | 2,668,039 | 2,697,013 | 2,719,229 | 34,421,748 |
| Total Expense | 9,674,043 | 9,184,328 | 9,052,956 | 8,227,331 | 10,146,807 | 11,816,548 | 13,094,660 | 12,317,023 | 10,864,424 | 8,661,253 | 8,798,652 | 9,432,766 | 121,270,789 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | (2,257,620) | (2,029,665) | (2,711,066) | (2,382,966) | (1,517,548) | (1,266,762) | (2,189,407) | (2,546,243) | (2,144,903) | (2,674,188) | (3,080,713) | (2,244,835) | (27,045,917) |
| Demand Allocator | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% |
| RECB Revenue Requirement | $(1,662,090)$ | $(1,494,266)$ | $(1,995,923)$ | $(1,754,371)$ | $(1,117,239)$ | $(932,607)$ | (1,611,871) | $(1,874,577)$ | $(1,579,106)$ | $(1,968,772)$ | $(2,268,062)$ | $(1,652,677)$ | (19,911,560) |
| RECB in Base Rates Net RECB Revenue Requirements |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net RECB Revenue Requirements | $(1,662,090)$ | $(1,494,266)$ | $(1,995,923)$ | $(1,754,371)$ | $(1,117,239)$ | $(932,607)$ | $(1,611,871)$ | $(1,874,577)$ | $(1,579,106)$ | $(1,968,772)$ | $(2,268,062)$ | $(1,652,677)$ | (19,911,560) |


| Regional Expansion Criteria |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| and Benefits | Jan-17 Forecast | Feb-17 Forecast | Mar-17 <br> Forecast | Apr-17 Forecast | May-17 <br> Forecast | Jun-17 <br> Forecast | Jul-17 <br> Forecast | Aug-17 <br> Forecast | Sep-17 <br> Forecast | Oct-17 <br> Forecast | Nov-17 <br> Forecast | Dec-17 <br> Forecast | $2017$ <br> Forecast |
| Revenue |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Schedule 26 | 6,555,629 | 6,462,432 | 6,898,306 | 6,294,155 | 6,999,672 | 7,965,659 | 9,371,532 | 9,244,185 | 8,292,460 | 6,777,922 | 7,199,014 | 7,193,985 | 89,254,952 |
| Schedule 26(a) | 5,364,350 | 4,779,171 | 4,877,305 | 4,373,330 | 4,686,149 | 5,091,658 | 5,809,362 | 5,536,136 | 4,707,935 | 4,590,071 | 4,696,675 | 4,511,805 | 59,023,947 |
| Total Revenue | 11,919,979 | 11,241,603 | 11,775,611 | 10,667,485 | 11,685,822 | 13,057,317 | 15,180,894 | 14,780,321 | 13,000,395 | 11,367,992 | 11,895,689 | 11,705,790 | 148,278,899 |
| Expense |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Schedule 26 | 6,597,750 | 6,453,938 | 6,242,106 | 5,678,534 | 7,417,284 | 8,798,355 | 9,509,094 | 9,010,222 | 8,071,967 | 5,960,006 | 6,072,041 | 6,671,888 | 86,483,187 |
| Schedule 26(a) | 4,399,512 | 3,921,404 | 4,013,963 | 3.646.859 | 3,920,299 | 4,250,745 | 5.012.608 | 4.646 .411 | 3,937,989 | 3,828.877 | 3.869 .873 | 3901307 | 49,349,847 |
| Total Expense | 10,997,262 | 10,375,342 | 10,256,069 | 9,325,394 | 11,337,584 | 13,049,100 | 14,521,702 | 13,656,633 | 12,009,956 | 9,788,883 | 9,941,914 | 10,573,196 | 135,833,034 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | (922,717) | (866,261) | (1,519,542) | (1,342,092) | (348,238) | $(8,217)$ | (659,192) | (1,123,687) | (990,439) | (1,579,109) | (1,953,775) | (1,132,594) | (12,445,865) |
| Demand Allocator | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% |
| RECB Revenue Requirement | $(679,316)$ | $(637,753)$ | $(1,118,707)$ | $(988,066)$ | $(256,377)$ | $(6,050)$ | $(485,306)$ | $(827,273)$ | $(729,174)$ | $(1,162,561)$ | $(1,438,395)$ | $(833,831)$ | $(9,162,810)$ |
| RECB in Base Rates Net RECB Revenue Requirements | $(679,316)$ | $(637,753)$ | $(1,118,707)$ | $(988,066)$ | $(256,377)$ | $(6,050)$ | $(485,306)$ | $(827,273)$ | $(729,174)$ | $(1,162,561)$ | $(1,438,395)$ | $(833,831)$ | $(9,162,810)$ |

CAPX2020 - Brookings
Northern States Pow
State of Minnesota
Transmission Cost Recovery Rider (TCR)

| Transmission Cost Recovery Rider (TCR) |  |  |  |  |  |  |  |  |  |  |  | CAPX | 0 - Brookings Page 1 of 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CAPX2020-Brookings Land, Line \& Sub | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-1 | ct-1 | Nov-14 | Dec- | Total |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {PWant }}^{\text {CW-Service }}$ | ${ }^{290,509,263}$ | 307,523,940 | 303,495,245 | 100,916,460 | ${ }_{\text {1 }}^{\text {107,288,137 }}$ | ${ }^{101,793,021}$ | ${ }^{103,822,630} 2$ | 104,815,322 | ${ }_{\text {111,165,881 }}$ | ${ }_{\text {111,505,693 }}$ | ${ }^{110,3955,775}$ | $100,697,919$ $333,514,800$ | 100,697,919 <br> 333,514,800 |
| Plant 1 In-Service Less Accumuled Book Depreciation Reserve | 39,471,716 141,153 | 36,612,430 | 56,890,303 | $269,072,442$ <br> 424,115 | 273,604,612 | 290,286,535 | $298,855,669$ $1,755,330$ | $305,922,095$ $2,233,148$ | $\begin{array}{r} 306,791,484 \\ 2,717,512 \end{array}$ | $310,975,927$ $3,206,175$ | $317,248,667$ $3,998,530$ | 333,514,800 ${ }_{4}$ | 333,514,800 4, |
| Less Accumulated Deferred Taxes | (2,190,722) | (2,247,270) | (2,047,299) | 1,384,059 | 7,620,675 | 14,120,263 | 20,937,911 | 27,975,629 | 35,10,975 | 42,309,499 | 49,570,108 | 57,044,199 | 57,044,199 |
| End Of Month Rate Base | 332,030,547 | 346,226,531 | 362,243,319 | 368,180,728 | 372,423,702 | 376,668,396 | 379,985,058 | 380,528,640 | 380,129,878 | 376,965,947 | 374,375,813 | 372,966,837 | 372,966,837 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on Rate Base Debt Return |  | 20 | 661,239 | 81,729 | 691,231 | 699,153 | 706,210 | 709,813 | 709,948 |  | 701,252 |  |  |
| Equity Return | 1,384,753 | 1,441,296 | 1,505,498 | 1,552,151 | 1,573,784 | 1,591,821 | 1,607,889 | 1,616,092 | 1,616,399 | 1,608,829 | 1,596,601 | 1,588,103 | 18,683,216 |
| Total Return on Rate Base | 1,992,958 | 2,074,336 | 2,166,737 | 2,233,880 | 2,265,015 | 2,290,973 | 2,314,098 | 2,325,904 | 2,326,347 | 2,315,451 | 2,297,854 | 2,285,623 | 26,889,178 |
| Income Statement tiems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eliqible | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | $\checkmark$ |  | - | $\checkmark$ | - | . | $\checkmark$ | - |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 59,915 | 59,915 | 59,915 | 59,915 | 59,915 | 59,915 | 59,915 | 57,915 | 59,915 | 59,915 | 59,915 | 59,915 | 718.982 |
| Book Depreciation | 15,941 | 15,955 | 32,419 | 234,587 | 424,256 | 442,526 | 464,432 | 477,818 | 484,364 | 488,663 | 492,355 | 503,153 | 4,076,471 |
| Deferred Taxes | $(46,686)$ | (56,548) | 199,970 | 3,431,358 | 6,236,617 | 6,499,588 | 6,817,648 | 7,037,718 | 7,134,346 | 7,199,524 | 7,260,610 | 7,474,0911 | 59,188,235 |
| Gross Up for Income | 1,024,885 | 1,074,874 | 857,710 | (2,415,062) | (5,269,457) | (5,525,737) | (5,839,768) | (6,059,133) | $(6,157,780)$ | (6,229,801) | (6,300,925) | $(6,525,357)$ | $(47,365,551)$ |
| Less OATT Credit |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 1,054,055 | 1,094,196 | 1,150,015 | 1,310,798 | 1,451,331 | 1,476,292 | 1,502,228 | 1,516,318 | 1,520,846 | 1,518,301 | 1,511,955 | 1,511,803 | 16,618,137 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 3,047,013 | 3,168,533 | 3,316,752 | 3,544,679 | 3,716,346 | 3,767,265 | 3,816,326 | 3,842,222 | 3,847,193 | 3,833,752 | 3,809,808 | 3,797,426 | 43,507,315 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisidictional Allocator Are costs eligibl for recovery in the Rider? | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% |
| Are costs eligible for recovery in the Rider? |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {Ridider Eligibibe }}$ Revenenue Requirementit Annual Totals | 2,265,146 | 2,355,43 |  |  |  |  |  |  |  |  |  | 32,343,281 | $32,343,281$ $32,343,281$ |

CAPX2020 - Brookings
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Transmission Cost Recovery Rider (TCR)


CAPX2020 - Brookings
Northern States Pow
State of Minnesota
Transmission Cost Recovery Rider (TCR)

| Transmission Cost Recovery Rider (TCR)CAPX2020 - BrookingsLand, Line \& Sub |  |  |  |  |  |  |  |  |  |  |  | CAPX | 0 - Brookings Page 3 of 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Total |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {CWIP }}$ | 175,282 | 146,166 | ${ }^{85,073}$ | (179,262) | 690,254 | 341,975 | ${ }^{216,137}$ | 209,398 | 206,251 | 189,731 | 188,491 | ${ }^{188,263}$ | 188,263 |
| Plant In-Service | 451,168,496 | 451,433,680 | 451,730,838 | 452,245,550 | 451,626,410 | 452,218,247 | 452,406,222 | 452,466,455 | 452,523,097 | 452,537,888 | 452,532,117 | 452,523,510 | 452,523,510 |
| Less Accumulated Book Depreciation Reserve | ${ }^{13,024,037}$ | 13,737,784 | 14,451,532 | 15,165,280 | 15,879,027 | 16,592,775 | $17,306,523$ <br> 81745958 | 18,020,271 | $18,734,018$ <br> 82538287 | ${ }^{19,4477,766}$ | 20,161,514 | $\begin{array}{r}20,875,261 \\ 83 \\ \hline 825280 \\ \hline\end{array}$ | $\begin{array}{r}20,875,261 \\ 83,725,280 \\ \hline\end{array}$ |
| End Of Month Rate Base | 358,946,770 | 358,073,425 | 357,200,079 | 356,341,043 | 355,482,007 | 354,616,153 | 353,568,879 | 352,512,961 | 351,457,043 | 350,345,902 | 349,229,479 | 348,111,231 | 348,111,231 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 678,182 | 676,530 | 674,891 | 673,266 | 671,635 | 669,825 | 667,836 | 665,838 | 663,789 | 661,682 | 659,568 | 8,042,861 |
| Equity Return | 1,527,351 | 1,523,668 | 1,519,956 | 1,516,275 | 1,512,624 | 1,508,959 | 1,504,893 | 1,500,424 | 1,495,936 | 1,491,331 | 1,486,598 | 1,481,849 | 18,069,864 |
| Total Return on Rate Base | 2,207,171 | 2,201,850 | 2,196,486 | 2,191,166 | 2,185,890 | 2,180,593 | 2,174,718 | 2,168,260 | 2,161,775 | 2,155,120 | 2,148,279 | 2,141,417 | 26,112,724 |
| ome Statement tems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eliqible | - |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 644,239 | 644,239 | 644,239 | 644,239 | 644,239 | 644,239 | 644,239 | 644,239 | 644,239 | 644,239 | 644,239 | 644,239 | 7,730,870 |
| Book Depreciation | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 8,564,973 |
| Deferred Taxes | 395,664 | 395,664 | 395,664 | 395,664 | 395,664 | 395,664 | 395,664 | 395,664 | 395,664 | 395,664 | 395,664 | 395,664 | 4,747,972 |
| Gross Up for Income Tax Less OATT Credit | 675,240 | 672,641 | 670,022 | 667,425 | 664,849 | 662,262 | 659,394 | 656,240 | 653,074 | 649,824 | 646,484 | 643,133 | 7,920,588 |
| Total Income Statement Expense | 2,428,891 | 2,426,292 | 2,423,673 | 2,421,076 | 2,418,500 | 2,415,913 | 2,413,045 | 2,409,891 | 2,406,725 | 2,403,475 | 2,400,135 | 2,396,785 | 28,964,402 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement Total <br> Total |  | 4,628.142 | 4,620,159 | 4,612,242 | 4,604,390 | 4,596,507 | 4,587,763 | 4.578,151 | 4.568.499 | 4,558.595 | 4.548,415 | 4,538,202 | 55,077,126 |
| Miso Determined Cost Alocations | 1000.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 55,077.00\% |
| Juristicitional Allocator | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% |
| Are costs eligible for recovery in the Rider? |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rider Elicible Revenue Requirement ${ }_{\text {R }}$ | 3,413,130 | 3,407,299 | 3,401,422 | 3,395,593 | 3,389,812 | 3,384,009 | 3,377,572 | 3,370,495 | 3,363,389 | 3,356,098 | 3,348,603 | 3,341,084 | 40,548,507 |
|  |  |  |  |  |  |  |  |  |  |  |  | 40,588,507 | 40,548,507 |

CAPX2020 - Brookings
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State of Minnesota
Transmission Cost Recovery Rider (TCR)

| Transmission Cost Recovery Rider (TCR) |  |  |  |  |  |  |  |  |  |  |  | CAPX | 20 - Brookings |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CAPX2020-Brookings | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Total |
| Land, Line \& Sub |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rate Base CWIP | 162318 | 160.568 | 156.407 | 161,267 |  | 53.950 | 1 | 1 | 1 | 1 | 1 |  |  |
| Plant In-Service | 452,436,511 | 452,325,318 | 452,216,537 | 452,126,393 | 452,028,480 | 451,950,007 | 451,954,401 | 451,954,401 | 451,954,401 | 451,954,401 | 451,954,401 | 451,954,401 | 451,954,401 |
| Less Accumulated Book Depreciation Reserve | 21,589,009 | 22,302,757 | 23,016,505 | 23,730,252 | 24,444,000 | 25,157,748 | 25,871,496 | 26,585,243 | 27,298,991 | 28,012,739 | 28,726,486 | 29,440,234 | 29,440,234 |
| Less Accumulated Deferred Taxes | 84,052,653 | 84,380,027 | 84,707,401 | 85,034,775 | 85,362,149 | 85,689,523 | 86,016,896 | 86,344,270 | 86,671,644 | 86,999,018 | 87,326,392 | 87,653,766 | 87,653,766 |
| End Of Month Rate Base | 346,957,167 | 345,803,102 | 344,649,038 | 343,522,633 | 342,341,485 | 341,156,687 | 340,066,009 | 339,024,888 | 337,983,766 | 336,942,645 | 335,901,523 | 334,860,402 | 334,860,402 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on Rate Base Debt Return |  |  | 653,053 |  |  | 646.475 |  |  |  |  |  |  |  |
| Equity Return | 1,477,020 | 1,472,116 | 1,467,211 | 1,462,365 | 1,457,461 | 1,452,434 | 1,447,598 | 1,443,068 | 1,438,643 | 1,434,219 | 1,429,794 | 1,425,369 | $7,747,954$ $17,407,298$ |
| Total Return on Rate Base | 2,134,439 | 2,127,351 | 2,120,263 | 2,113,261 | 2,106,174 | 2,098,909 | 2,091,921 | 2,085,375 | 2,078,981 | 2,072,587 | 2,066,192 | 2,059,798 | 25,155,252 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| come Statement Items |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible |  | - |  | $\checkmark$ | $\checkmark$ |  |  |  |  |  |  |  |  |
| Property Taxes | 646,387 | 646,387 | 646,387 | 646,387 | 646,387 | 646,387 | 646,387 | 646,387 | 646,387 | 646,387 | 646,387 | 646,387 | 7,756,650 |
| Book Depreciation | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 713,748 | 8,564,973 |
| Deferred Taxes | 327,374 | 327,374 | 327,374 | 327,374 | 327,374 | 327,374 | 327,374 | 327,374 | 327,374 | 327,374 | 327,374 | 327,374 | 3,928,486 |
| Gross U U for Income Tax | 709,616 | 706,155 | 702,694 | 699,275 | 695,815 | 692,267 | 688,855 | 685,659 | 682,537 | 679,415 | 676,292 | 673,170 | 8,291,750 |
| Less OATT Credit |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 2,397,125 | 2,393,664 | 2,390,203 | 2,386,784 | 2,383,324 | 2,379,776 | 2,376,364 | 2,373,168 | 2,370,046 | 2,366,924 | 2,363,801 | 2,360,679 | 28,541,858 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 4,531,564 | 4,521,015 | 4,510,467 | 4,500,044 | 4,489,498 | 4,478,685 | 4,468,286 | 4,458,543 | 4,449,026 | 4,439,510 | 4,429,994 | 4,420,477 | 53,697,110 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisictional Allocator Are costs eligible for recovery in the Rider? | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% |
| Are costs eligibe for recovery in the Rider? Rider Eliaible Revenue Reauirement | 3,336,197 | 3.328,431 ${ }^{1}$ | 3,320,665 | 3,312.992 | 3,305,228 | 3,297,267 | 3,289,611 | 3,282,438 | 3,275,432 | 3,268,426 | 3,261.420 | .254.414 | 39,532,521 |
| Rider Eligible Revenue Requirement: Annual Totals |  |  |  |  |  |  |  |  |  |  |  | 39,532,521 | $39,532,521$ $39,532,521$ |

CAPX2020 - Fargo
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)


CAPX2020 - Fargo
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)

| CAPX2020 - FargoLand, Line \& Sub |  |  |  |  |  |  |  |  |  |  |  |  | Page 2 of 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Total |
| Rate Base |  |  | 89.312119 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {clant }}$ In-Service | - ${ }^{86,746,294}$ |  | - ${ }^{89,312,292,179}$ | 207, 395,125 | [ $\begin{array}{r}462,239 \\ \text { 207,391,412 }\end{array}$ | 1,223,446 | 205,529,241 | - $\begin{array}{r}9020,189 \\ 206856,238\end{array}$ | $(160,833)$ 208,508,367 | 124,052 208,610,800 | 72,873 $208,849,862$ | 208,989,344 ${ }^{(0)}$ | 208,989,344 ${ }^{(0)}$ |
| Less Accumulated Book Depreciation Reserve | 2,997,357 | 3,166,031 | 3,335,216 | 3,583,825 | 3,911,664 | 4,238,611 | 4,564,517 | 4,890,874 | 5,218,918 | 5,547,820 | 5,876,438 | 6,205,057 | 6,205,057 |
| Less Accumulated Deferred Taxes | 17,990,246 | 18,786,575 | 19,577,926 | 20,965,684 | 22,971,432 | 24,969,931 | 26,961,516 | 28,956,203 | 30,961,993 | 32,975,818 | 34,989,477 | 37,003,137 | 37,003,137 |
| End Of Month Rate Base | 181,407,716 | 182,957,803 | 182,691,696 | 183,038,775 | 180,970,555 | 177,433,089 | 174,781,729 | 173,758,351 | 172,166,623 | 170,211,215 | 168,056,819 | 165,781,151 | 165,781,151 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 342,670 | 344,629 | 345,843 | 345,920 | 344,292 | 338,990 | 333,137 | 329,661 | 327,187 | 323,832 | 319,945 | 315,755 | 4,011,862 |
| Equity Return | 769,875 | 774,277 | 777,005 | 777,177 | 773,520 | 761,608 | 748,456 | 740,648 | 735,091 | 727,553 | 718,820 | 709,406 | 9,013,435 |
| Total Return on Rate Base | 1,112,545 | 1,118,906 | 1,122,849 | 1,123,097 | 1,117,812 | 1,100,598 | 1,081,593 | 1,070,308 | 1,062,278 | 1,051,385 | 1,038,765 | 1,025,161 | 13,025,297 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income Statement tiems AFUDC Pre-ligible |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {O }}$ Apurating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 164,988 | 164,988 | 164,988 | 164,988 | 164,988 | 164,988 | 164,988 | 164,988 | 164,988 | 164,988 | 164,988 | 164,988 | 1,979,851 |
| Book Depreciation | 168,287 | 168,674 | 169,185 | 248,609 | 327,839 | 326,946 | 325,906 | 326,357 | 328,044 | 328,903 | 328,618 | 328,618 | 3,375,987 |
| Deferred Taxes | 764,685 | 796,329 | 791,351 | 1,387,758 | 2,005,748 | 1,998,499 | 1,991,585 | 1,994,687 | 2,005,791 | 2,013,824 | 2,013,660 | 2,013,660 | 19,777,576 |
| Gross Up for Income Tax | (239,302) | (268,581) | (261,562) | (871,775) | (1,506,779) | $(1,507,766)$ | (1,509,971) | $(1,518,655)$ | (1,533,939) | (1,547,479) | (1,553,473) | (1,560,115) | $(13,879,395)$ |
| Total Income Statement Expense |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 858,657 | 861,410 | 863,962 | 929,580 | 991,796 | 982,667 | 972,508 | 967,377 | 964,883 | 960,236 | 953,793 | 947,150 | 11,254,018 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 1,971,202 | 1,980,316 | 1,986,811 | 2,052,677 | 2,109,608 | 2,083,264 | 2,054,101 | 2,037,686 | 2,027,161 | 2,011,621 | 1,992,558 | 1,972,311 | 24,279,315 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% |  | 100.00\% |  | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisidictional Allocator Are costs eligible for recovery in the Rider? | 74.01\% | ${ }^{74.01 \%}$ | 74.01\% | 74.01\% | 74.01\% | 74.01\% | ${ }^{74.01 \%}$ | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% |
| Are costs eligibe for recovery in the Rider? Rider Elicible Revenue Reauirement |  |  |  | ${ }_{1.519183}{ }^{1}$ | ${ }_{1.561 .317}^{17}$ | 1.541 .821 | 1.520.237 | 1.508,088 | - ${ }_{1.500,298}^{1}$ | ${ }_{1.488 .797}{ }^{1}$ | 1.474,689 |  |  |
| Rider Eligible Revenue Requirement: Annual Totals |  |  |  |  |  |  |  |  |  |  |  | 17,969,081 | 17,969,081 |

Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)


Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)


CAPX2020 - La Crosse Local
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)

Docket No. E002/M-15-891 Reply Comments
tachment 14-Update Attachment 14-Updated
CAPX2020-La Crosse Local CAPX2020 - La Crosse Loc

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& \text { Crosse Local } \\
& \text { Page } 1 \text { of }
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$$

| CAPX2020 - La Crosse Local Land, Line \& Sub | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Plant }}^{\text {CWIPService }}$ | 11,013,859 | 11,762,022 | 13,095,052 | 13,529,531 | $14,636,726$ 148,803 | $15,008,993$ 148,803 | 10,277,413 | $\begin{array}{r} 11,272,029 \\ 5,247,175 \end{array}$ | 11,792,806 | 12,745,444 | $9,076,164$ | 9,484,057 | 9,484,057 |
| Less Accumulated Book Depreciation Reserve |  |  |  | 14,50 | 0 |  |  | 12,575 | 20,985 | 29,398 | 37,823 | 46,279 | 46,279 |
| Less Accumulated Deferred Taxes | (411,631) | $(425,604)$ | (440,549) | $(456,248)$ | (469,700) | (485,517) | (385,964) | $(196,886)$ | (7,828) | 180,738 | 370,057 | 559,115 | 559,115 |
| End Of Month Rate Base | 11,572,806 | 12,335,037 | 13,683,012 | 14,133,281 | 15,255,229 | 15,643,313 | 15,890,714 | 16,703,516 | 17,040,610 | 17,786,181 | 18,289,860 | 20,828,516 | 20,828,516 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 21,157 | 22,314 | 24,284 | 25,962 | 27,429 | 28,839 | 29,432 | 30,421 | 31,495 | 32,505 | 33,671 | 36,510 | 344,018 |
| Equity Return | 48,170 | 50,804 | 55,288 | 59,110 | 62,451 | 65,659 | 67,010 | 69,263 | 71,706 | 74,007 | 76,662 | 83,127 | 783,256 |
| Total Return on Rate Base | 69,326 | 73,118 | 79,572 | 85,071 | 89,880 | 94,498 | 96,442 | 99,684 | 103,201 | 106,512 | 110,333 | 119,637 | 1,127,274 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income Statement tiems AFUDC Pre-Eligible | - | - |  |  |  | - |  |  |  | - |  |  |  |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 668 |
| Book Depreciation |  |  |  | 0 | 0 | 0 | 4,187 | 8,387 | 8,411 | 8,412 | 8,425 | 8,456 | 46,279 |
| Deferred Taxes | (12,776) | (13,974) | (14,944) | (15,699) | $(13,452)$ | (15,818) | 99,553 | 189,078 | 189,058 | 188,567 | 189,319 | 189,058 | 957,970 |
| Gross Up for Income Tax | 47,062 | 50,146 | 54,303 | 57,772 | 57,830 | 62,515 | (54,582) | (144,599) | (142,850) | (140,725) | (139,621) | (134,793) | ${ }^{(427,538}$ |
| Less OATT Credit | 20,663 | 21,793 | 23,712 | 25,346 | 26,762 | 28,142 | 29,019 | 30,402 | 31,450 | 32,435 | 33,567 | 36,334 | 339,624 |
| Total Income Statement Expense | 13,845 | 14,602 | 15,870 | 16,949 | 17,839 | 18,778 | 20,362 | 22,690 | 23,390 | 24,042 | 24,778 | 26,610 | 239,755 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 83,171 | 87,720 | 95,442 | 102,021 | 107,719 | ${ }^{113,276}$ | 116,804 | 122,374 | 126,591 | 130,554 | 135,111 | 146,247 | 1,367,029 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.000 |
| Jurisdictional Allocator Are costs eligibl for recovery in the Rider? | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% |
| Are costs eligibe for recovery in the Rider? Rider Elicible Revenue Requirement |  |  |  |  |  |  | $\stackrel{1}{1}$ |  | 94.107 | 97,054 ${ }^{1}$ | ${ }_{100,441}$ | 108,720 |  |
| Rider Eligible Revenue Requirement: Annual Totals |  |  |  |  |  |  |  |  |  |  |  | 1,016,247 | 1,016,247 |


| CAPX2020 - La Crosse Local Land, Line \& Sub |  |  |  |  |  |  |  |  |  |  |  |  | Page 2 of 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Total |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CWIP | 9,495,770 | 10,673,992 | 12,311,336 | 13,723,089 | 17,394,374 | 21,138,333 | 25,558,006 | 31,520,623 | 37,288,244 | 44,193,914 | 48,893,475 | ${ }^{41,339,166}$ | 41,339,166 |
| Plant In-Service | 12,459,656 | 12,372,600 | 12,143,847 | 12,129,693 | 12,081,761 | 12,170,461 | 12,254,630 | 12,839,013 | 14,008,227 | 14,202,877 | 15,127,389 | 26,704,257 | 26,704,257 |
| Less Accumulated Book Depreciation Reserve | 54,756 | 63,268 | 71,800 | 80,263 | 88,694 | 97,158 | 105,623 | 114,088 | 122,552 | 131,017 | 139,482 | 157,879 | 157,879 |
| Less Accumulated Deferred Taxes | 614,453 | 672,293 | 727,359 | 778,857 | 824,425 | 867,584 | 900,833 | 937,288 | 960,067 | 974,941 | 982,542 | 1,290,598 | 1,290,598 |
| End Of Month Rate Base | 21,286,218 | 22,311,030 | 23,686,024 | 24,993,662 | 28,563,016 | 32,344,051 | 36,798,180 | 43,308,260 | 50,213,851 | 57,290,833 | 62,898,840 | 66,594,947 | 66,594,947 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 39,834 | 41,236 | 43,506 | 46,043 | 50,656 | 57,608 | 65,397 | 75,767 | 88,456 | 101,682 | 113,679 | 122,480 | 846,342 |
| Equity Return | 89,494 | 92,644 | 97,744 | 103,444 | 113,808 | 129,428 | 146,927 | 170,226 | 198,734 | 228,447 | 255,403 | 275,174 | 1,901,474 |
| Total Return on Rate Base | 129,327 | 133,880 | 141,249 | 149,487 | 164,464 | 187,035 | 212,324 | 245,994 | 287,191 | 330,129 | 369,082 | 397,654 | 2,747,817 |
| Income Statement Items |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible | $\checkmark$ | . | $\checkmark$ | - | . | - | - | - | - |  | - |  |  |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 17,069 | 17,069 | 17,069 | 17,069 | 17,069 | 17,069 | 17,069 | 17,069 | 17,069 | 17,069 | 17,069 | 17,069 | 204,831 |
| Book Depreciation | 8,477 | 8,513 | 8,532 | 8,463 | 8,431 | 8,465 | 8,465 | 8,465 | 8,465 | 8,465 | 8,465 | 18,397 | 111,600 |
| Deferred Taxes | 55,337 | 57,841 | 55,065 | 51,498 | 45,568 | 43,160 | 41,249 | 28,455 | 22,779 | 14,874 | 7,601 | 308,056 | 731,483 |
| Gross Up for Income Tax | ${ }^{6,515}$ | 6,176 | 12,614 | 20,287 | 33,669 | 47,155 | 61,459 | 90,992 | 116,917 | 145,972 | 172,437 | (121,104) | 593,090 |
| Less OATT Creait | 40,506 | 41,768 | 43,834 | 46,128 | 50,314 | 56,609 | 63,652 | 73,073 | 84,557 | 96,536 | 107,403 | 115,892 | 820,270 |
| Total Income Statement Expense | 46,892 | 47,830 | 49,447 | 51,190 | 54,423 | 59,240 | 64,590 | 71,908 | 80,672 | 89,845 | 98,168 | 106,527 | 820,733 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 176,219 | 181,710 | 190,697 | 200,677 | 218,887 | 246,275 | 276,914 | 317,901 | 367,863 | 419,974 | 467,251 | 504,181 | 3,568,550 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisictional Allocator Are costs eligibl tor reovery in the Rider? | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% |
| Are costs eligible for recovery in the Rider? |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rider Eliaible Revenue Reauirement Rider Eligibl Revenue Requirement: Annual Totals | 130,420 | 134,483 |  | 148,521 |  |  |  |  |  |  |  | 373,143 | 2,641,078 2,641,078 |

CAPX2020 - La Crosse Local
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)

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| CAPX2020 - La Crosse Local Land, Line \& Sub | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }_{\text {Rate Base }}^{\text {CWIP }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {CWIant }}^{\text {CW-Service }}$ | 44,934,758 | 47,459,717 |  |  | 53,490,356 | 54,267,553 |  | 55,477,507 |  |  |  | ${ }_{\text {88,08.596 }}{ }^{(0)}$ | 88,008,596 |
| Less Accumulated Book Depreciation Reserve | 186,509 | 215,634 | 245,123 | 274,888 | 304,888 | 335,292 | 366,809 | 399,163 | 481,239 | 613,736 | 746,436 | 878,899 | 878,899 |
| Less Accumulated Deferred Taxes | 1,282,612 | 1,271,392 | 1,257,739 | 1,241,669 | 1,223,307 | 1,203,798 | 1,185,659 | 1,168,262 | 1,297,599 | 1,576,860 | 1,856,566 | 2,135,754 | 2,135,754 |
| End Of Month Rate Base | 71,041,265 | 73,930,947 | 77,035,774 | 79,700,345 | 81,854,826 | 83,373,686 | 85,008,545 | 85,481,849 | 86,324,352 | 86,689,417 | 84,965,109 | 84,993,943 | 84,993,943 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 130,181 | 137,120 | 142,789 | 148,246 | 152,804 | 156,279 | 159,262 | 161,255 | 162,500 | 163,642 | 162,357 | 160,753 | 1,837,188 |
| Equity Return | 292,477 | 308,066 | 320,804 | 333,064 | 343,305 | 351,111 | 357,812 | 362,292 | 365,088 | 367,654 | 364,766 | 361,163 | 4,127,602 |
| Total Return on Rate Base | 422,658 | 445,186 | 463,594 | 481,310 | 496,109 | 507,389 | 517,074 | 523,548 | 527,588 | 531,296 | 527,122 | 521,916 | 5,964,790 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income Statement Items AFUDC Pre-Elicible |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {A }}$ Apurating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 38,145 | 38,145 | 38,145 | 38,145 | 38,145 | 38,145 | 38,145 | 38,145 | 38,145 | 38,145 | 38,145 | 38,145 | 457,734 |
| Book Depreciation | 28,630 | 29,125 | 29,489 | 29,766 | 30,000 | 30,404 | 31,518 | 32,354 | 82,076 | 132,496 | 132,700 | 132,463 | 721,020 |
| Deferred Taxes | $(7,986)$ | (11,220) | (13,653) | $(16,070)$ | (18,362) | (19,508) | $(18,139)$ | (17,397) | 129,337 | 279,261 | 279,706 | 279,188 | 845,156 |
| Gross Up for Income Tax | 214,548 | 228,858 | 240,336 | 251,460 | 261,032 | 267,713 | 271,040 | 273,442 | 125,244 | (26,379) | (28,873) | $(3,885)$ | 2,047,536 |
| Less OATT Credit | 146,089 | 153,246 | 159,085 | 164,690 | 169,373 | 172,987 | 176,240 | 178,434 | 189,412 | 200,416 | 199,153 | 197,480 | 2,106,606 |
| Total Income Statement Expense | 127,248 | 131,661 | 135,231 | 138,611 | 141,441 | 143,765 | 146,323 | 148,109 | 185,390 | 223,106 | 222,524 | 221,431 | 1,964,841 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 549,905 | 576,846 | 598,825 | 619,921 | 637,550 | 651,155 | 663,397 | 671,657 | 712,979 | 754,402 | 749,647 | 743,347 | 7,929,631 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisdictional Allocator Are costs eligibl for recovery in the Rider? | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | ${ }^{73.62 \%}$ | 73.62\% | 73.62\% | 73.62\% | 73.62\% |
| Are costs eligible for recovery in the Rider? Rider Elicible Revenue Requirement |  |  | 863 | 456394 | 469372 |  | 488.402 |  |  | 555.401 | 55 | 1 |  |
| Rider Eligible Revenue Requirement: Annual Totals |  |  |  |  |  |  |  |  |  |  |  | 5,837,899 | 5,837,899 |

CAPX2020 - La Crosse Local
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)

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| CAPX2020 - La Crosse Local Land, Line \& Sub | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }_{\text {Rate Base }}^{\text {CWIP }}$ |  |  | 0 | 0 | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 |  |
| $\underset{\text { CWIant }}{\text { CW-Service }}$ | 88,008,596 | 88,008,596 | 88,008,596 | 88,008,596 | 88,008,596 | 88,008,596 | 88,008,596 | 88,008,596 | 88,008,596 | 88,008.596 | 88,008,596 | 88,008,596 | 88,008,596 |
| Less Accumulated Book Depreciation Reserve | 1,011,619 | 1,144,340 | 1,277,060 | 1,409,781 | 1,542,501 | 1,675,222 | 1,807,942 | 1,940,663 | 2,073,383 | 2,206,104 | 2,338,824 | 2,471,545 | 2,471,545 |
| Less Accumulated Deferred Taxes | 2,318,310 | 2,500,866 | 2,683,422 | 2,865,978 | 3,048,533 | 3,231,089 | 3,413,645 | 3,596,201 | 3,778,757 | 3,961,313 | 4,143,868 | 4,326,424 | 4,326,424 |
| End Of Month Rate Base | 84,678,667 | 84,363,390 | 84,048,114 | 83,732,838 | 83,417,561 | 83,102,285 | 82,787,009 | 82,471,732 | 82,156,456 | 81,841,180 | 81,525,903 | 81,210,627 | 81,210,627 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 160,482 | 159,886 | 159,289 | 158,693 | 158,096 | 157,500 | 156,904 | 156,307 | 155,711 | 155,114 | 154,518 | 153,922 | 1,886,422 |
| Equity Return | 360,554 | 359,214 | 357,874 | 356,535 | 355,195 | 353,855 | 352,515 | 351,175 | 349,835 | 348,495 | 347,155 | 345,815 | 4,238,217 |
| Total Return on Rate Base | 521,036 | 519,100 | 517,164 | 515,227 | 513,291 | 511,355 | 509,418 | 507,482 | 505,546 | 503,609 | 501,673 | 499,737 | 6,124,638 |
| S |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income Statement Items AFUDC Pre-Elicible |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 125,712 | 125,712 | 125,712 | 125,712 | 125,712 | 125,712 | 125,712 | 125,712 | 125,712 | 125,712 | 125,712 | 125,712 | 1,508,545 |
| Book Depreciation | 132,720 | 132,720 | 132,720 | 132,720 | 132,720 | 132,720 | 132,720 | 132,720 | 132,720 | 132,720 | 132,720 | 132,720 | 1,592,646 |
| Deferred Taxes | 182,556 | 182,556 | 182,556 | 182,556 | 182,556 | 182,556 | 182,556 | 182,556 | 182,556 | 182,556 | 182,556 | 182,556 | 2,190,670 |
| Gross Up for Income Tax | 67,580 | 66,635 | 65,690 | 64,744 | 63,799 | ${ }^{62,853}$ | ${ }^{61,908}$ | 60,962 | 60,017 | 59,071 | 58,126 | 57,180 | 748,564 |
| Less OATT Credit | 216,114 | 215,509 | 214,904 | 214,299 | 213,695 | 213,090 | 212,485 | 211,880 | 211,275 | 210,670 | 210,065 | 209,460 | 2,553,447 |
| Total Income Statement Expense | 292,455 | 292,114 | 291,774 | 291,433 | 291,092 | 290,752 | 290,411 | 290,071 | 289,730 | 289,389 | 289,049 | 288,708 | 3,486,978 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 813,491 | 811,214 | 808,937 | 806,660 | ${ }^{804,383}$ | 802,107 | 799,830 | 797,553 | 795,276 | 792,999 | 790,722 | 788,445 | 9,611,617 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisidictional Allocator Are costs eligibl for recovery in the | ${ }^{73.62 \%}$ | ${ }^{73.62 \%}$ | ${ }^{73.62 \%}$ | ${ }^{73.62 \%}$ | 73.62\% | ${ }^{73.62 \%}$ | ${ }^{73.62 \%}$ | ${ }^{73.62 \%}$ | 73.62\% | ${ }^{73.62 \%}$ | 73.62\% | 73.62\% | ${ }^{73.62 \%}$ |
| Are costs eligible for recovery in the Rider? |  |  |  |  | ${ }_{50219}^{1}$ | ${ }_{500}{ }^{1}$ | ${ }^{1}$ | ${ }_{5} 1$ | ${ }_{5054}^{1}$ | ${ }_{593}{ }^{1}$ | 1 | ${ }^{1}$ |  |
| Rider Eligible Revenue Requirement: Annual Totals |  |  |  |  |  |  |  |  |  |  |  | 7,076,199 | 7,076,199 |


| ransmission Cost Recovery Rider (TCR) |  |  |  |  |  |  |  |  |  |  |  | APX2020 | rosse MISO Page 1 of 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CAPX2020 - La Crosse MISO Land, Line \& Sub | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | Total |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CWIP | 56,571,645 | 59,440,471 | 58,414,288 | 60,107,626 | 40,114,657 | 41,018,178 | 44,276,038 | 46,771,266 | 48,392,557 | 48,657,483 | 48,939,023 | 49,527,420 | 49,527,420 |
| Plant In-Service | 4,170,249 | 3,934,744 | 5,081,269 | 5,081,435 | 26,962,759 | 26,777,452 | 26,812,007 | 26,859,875 | 26,914,351 | 26,984,747 | 27,678,259 | 27,661,424 | 27,661,424 |
| Less Accumulated Book Depreciation Reserve | 6,725 | 7,365 | 9,009 | 11,658 | 32,528 | 71,469 | 110,286 | 149,170 | 188,142 | 227,220 | 266,399 | 305,534 | 305,534 |
| Less Accumulated Deferred Taxes | $(699,495)$ | (751,616) | (591,039) | $(614,117)$ | (319,496) | 278,242 | 865,608 | 1,453,225 | 2,038,686 | 2,623,836 | 3,217,059 | 3,803,415 | 3,803,415 |
| End Of Month Rate Base | 61,434,664 | 64,119,466 | 64,077,587 | 65,791,520 | 67,364,384 | 67,445,920 | 70,112,151 | 72,028,746 | 73,080,081 | 72,791,174 | 73,133,824 | 73,079,895 | 73,079,895 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return Equity Return | 111,059 252858 | 117,184 266.803 | ${ }_{\text {12, }}^{119,651}$ | ${ }_{2751,211}^{121}$ | 124,279 282956 | ${ }_{2864.823}^{125}$ | 128,388 292311 | 132,665 302049 | 135,435 308356 | ${ }^{136,147}$ | 136,197 | 136,466 | $1,524,503$ <br> 474097 |
| Total Return on Rate Base | 363,917 | 383,986 | 392,069 | 397,183 | 407,235 | 412,295 | 420,698 | 434,714 | 443,791 | 446,123 | 446,287 | 447,170 | 4,995,470 |
| Income Statement tems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible | - | - |  | - |  |  |  |  |  |  |  |  | - |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 6,967 | 6,967 | ${ }^{6,967}$ | ${ }^{6,967}$ | 6,967 | ${ }^{6,967}$ | ${ }^{6,967}$ | ${ }^{6,967}$ | 6,967 | ${ }^{6,967}$ | 6,967 | 6,967 | ${ }^{83,604}$ |
| Book Depreciation | 640 | 640 | 1,644 | 2,648 | 20,871 | 38,940 | 38,817 | 38,885 | 38,971 | 39,078 | 39,179 | 39,135 | 2999450 4.449512 |
| Deferred Taxes Gross Uu for l | $(53,398)$ | (52,122) | 160,577 | $(23,078)$ | 294,621 | 597,737 | 587,367 | 587,617 | 585,461 | 585,150 | 593,223 | 586,356 | $4,449,512$ <br> $(2,103403$ |
| Gross Up for Income Tax Less OATT Credit | 233,059 | 241,592 | 27,920 | 218,348 | (101,785) | (409,445) | (394,713) | $(388,097)$ | (381,441) | (379,980) | $(388,160)$ | (380,700) | $(2,103,403)$ |
| Total Income Statement Expense | 187,268 | 197,078 | 197,108 | 204,886 | 220,674 | 234,200 | 238,437 | 245,371 | 249,958 | 251,215 | 251,210 | 251,758 | 2,729,163 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement Total |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {MISO }}$ Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | -100.00\% |
| Jurisdictional Allocator | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% |
| Are costs eligible for recovery in the Rider? |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rider Elicible Revenue Reauirement ${ }_{\text {R }}$ Rider Eligible Revenue Requirement: Anual Totals | 409,751 | 431,962 | 437,994 |  | 466,787 | 480,604 | 490,001 | 505,574 | 515,732 | 518,400 | 518,518 | 519,583 5,742.482 | $5,742,482$ $5,742,482$ |

State of Minnesota
Transmission Cost Recovery Rider (TCR)

| ransmission Cost Recovery Rider (TCR) |  |  |  |  |  |  |  |  |  |  |  | PX2020 | rosse MIISO <br> Page 2 of 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CAPX2020 - La Crosse MISO Land, Line \& Sub | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | total |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CWIP | 49,908,215 | 50,137,700 | 50,193,220 | 50,175,412 | 50,359,071 | 50,420,273 | 50,609,310 | 29,893 | 44,274 | 44,193 | 33,131 | 1 | ${ }^{77,387.509}$ |
| Plant In-Service | 27,682,538 | 27,829,980 | 27,843,751 | 27,635,726 | 27,677,797 | 27,792, 205 | 27,828,548 | 76,582,965 | 76,813,607 | 77,017,246 | 77,204,537 | 77,387,509 | 77,387,509 |
| Less Accumulated Book Depreciation Reserve | 344,625 | 383,738 | 422,874 | 462,036 | 501,224 | 540,428 | 579,649 | 661,188 | 785,133 | 909,298 | 1,033,691 | 1,158,199 | 1,158,199 |
| Less Accumulated Deferred Taxes | 4,058,645 | 4,336,376 | 4,617,783 | 4,838,466 | 5,086,709 | 5,354,802 | 5,621,185 | 6,673,098 | 8,529,071 | 10,388,503 | 12,251,843 | 14,117,252 | 14,117,25 |
| End Of Month Rate Base | 73,187,482 | 73,247,566 | 72,996,313 | 72,510,636 | 72,448,935 | 72,317,248 | 72,237,023 | 69,278,571 | 67,543,678 | 65,763,639 | 63,952,134 | 62,112,058 | 62,112,058 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return Equity Return | 138,345 310818 | 138,503 311174 | 138,322 310768 | 137,625 309202 | $\begin{array}{r}137,108 \\ 3080 \\ \hline\end{array}$ | 136,925 307628 | 136,724 307178 | 133,850 300721 | 129,411 290747 | 126,087 | 122,690 | 119,236 | 1,594,825 |
| Total Return on Rate Base | 449,163 | 449,678 | 449,091 | 446,828 | 445,147 | 444,553 | 443,902 | 434,571 | 420,158 | 409,365 | 398,336 | 387,122 | 5,177,911 |
| Income Statement tems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible | - |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating Expenses | - |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 39,512 | 39,512 | 39,512 | ${ }^{39,512}$ | 39,512 | 39,512 | 39,512 | 39,512 | 39,512 | 39,512 | 39,512 | 39,512 | 474,141 |
| Book Depreciation | 39,091 | 39,112 | 39,136 | 39,162 | 39,189 | 39,203 | 39,222 | 81,539 | 123,945 | 124,165 | 124,394 | 124,508 | 852,665 |
| Deferred $T$ axes | 255,230 | 277,731 | 281,407 | 220,683 | 248,243 | 268,094 | 266,382 | 1,051,913 | 1,855,973 | 1,859,433 |  | 1,865,410 | 10,313,837 |
| Gross Un for Income Tax | $(41,856)$ | $(64,632)$ | $(68,681)$ | $(7,640)$ | $(36,666)$ | (57,272) | (55,838) | (864,235) | $(1,694,076)$ | (1,702,887) | $(1,712,269)$ | (1,719,863) | (8,025,916) |
| Less OATT Credit |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 291,977 | 291,723 | 291,374 | 291,716 | , 27 | 289,537 | 289,278 | 308,728 | 325,354 | 320,223 | 314,975 | 309,566 | 3,614,727 |
| enue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 741,140 | 741,400 | 740,464 | 738,544 | 735,424 | 734,090 | 733,180 | 743,299 | 745,512 | 729,587 | 713,311 | 696,688 | 8,792,639 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisdicitional Allocator | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% |
| Are costs eligible for recovery in the Rider? |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rider Eliaibe Revenue Reauirement Rider Eligibl Revenue Requirement: Annual | 548,516 | 548,709 |  | 546,595 | 544,286 | 543,299 | 542,625 | 550,115 | 551,752 | 539,966 | 527,920 | -515,618 | $6,507,417$ $6,507,417$ |

State of Minnesota
Transmission Cost Recovery Rider (TCR) APXtachment 14-Updated Page 3 of 4

| CAPX2020 - La Crosse MISO Land, Line \& Sub | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Clant In-Service }}$ | 77,387,509 ${ }^{1}$ | 77,387,509 | 77,387,509 ${ }^{1}$ | 77,387,509 ${ }^{1}$ | 77,387,509 ${ }^{1}$ | 77,387,509 ${ }^{1}$ | 77,387,509 | 77,387,509 ${ }^{1}$ | 77,387,509 | 77,387,509 ${ }^{1}$ | 77,387,509 | 77,387,509 | 77,387,509 |
| Less Accumulated Book Depreciation Reserve | 1,282,707 | 1,407,215 | 1,531,723 | 1,656,231 | 1,780,738 | 1,905,246 | 2,029,754 | 2,154,262 | 2,278,770 | 2,403, 278 | 2,527,786 | 2,652,293 | 2,652,293 |
| Less Accumulated Deferred Taxes | 14,188,702 | 14,260,151 | 14,331,601 | 14,403,050 | 14,474,500 | 14,545,949 | 14,617,399 | 14,688,848 | 14,760,298 | 14,831,747 | 14,903,197 | 14,974,646 | 14,974,646 |
| End Of Month Rate Base | 61,916,101 | 61,720,144 | 61,524,186 | 61,328,229 | 61,132,272 | 60,936,314 | 60,740,357 | 60,544,400 | 60,348,442 | 60,152,485 | 59,956,528 | 59,760,570 | 59,760,570 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 117,310 | 116,939 | 116,569 | 116,198 | 115,827 | 115,457 | 115,086 | 114,715 | 114,344 | 113,974 | 113,603 | 113,232 | 1,383,254 |
| Equity Return | 263,560 | 262,727 | 261,894 | 261,061 | 260,229 | 259,396 | 258,563 | 257,730 | 256,897 | 256,064 | 255,232 | 254,399 | 3,107,752 |
| Total Return on Rate Base | 380,870 | 379,666 | 378,463 | 377,259 | 376,056 | 374,852 | 373,649 | 372,445 | 371,242 | 370,038 | 368,835 | 367,631 | 4,491,006 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income Statement titems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 110,541 | 110,541 | ${ }^{110,541}$ | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 1,326,490 |
| Book Depreciation | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 1,494,094 |
| Deferred Taxes | 71,449 | 71,449 | 71,449 | 71,449 | 71,449 | 71,449 | 71,449 | 71,449 | 71,449 | 71,449 | 71,449 | 71,449 | 857,394 |
| Gross Up for Income Tax | 113,054 | 112,466 | 111,878 | 111,291 | 110,703 | 110,115 | 109,528 | 108,940 | 108,353 | 107,765 | 107,177 | 106,590 | 1,317,860 |
|  |  |  |  | 417.789 |  |  | 026 | 438 |  |  |  |  | 4,995,837 |
| Torna |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 800,422 | 798,630 | 796,839 | 795,048 | 793,257 | 791,466 | ${ }^{789,675}$ | 787,884 | 786,092 | ${ }^{784,301}$ | 782,510 | 780,719 | 9,486,844 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisdictional Allocator Are costs eligibl for recovery in the Rider? | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% |
| Are costs eligible for recovery in the Rider? |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rider Eliaible Revenue Reauirement Rider Eligible Revenue Requirement: | 589,281 | 587,962 | 586,644 | 585,325 | 584,006 | 582,688 | 581,369 | 580,050 | 578,732 | 577,413 | 576,094 | 574,776 $6,984,340$ | $6,984,340$ $6,984,340$ |

CAPX2020 - La Crosse MISO
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)

| State of Minnesota <br> Transmission Cost Recovery Rider (TCR) |  |  |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Attach } \\ \text { CAPX2020 } \end{array}$ | $\begin{aligned} & \text { t 14-Updated } \\ & \text { Crosse MISO } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CAPX2020-La Crosse MISo | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Ju-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Total |
| Land, Line \& Sub |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Plant }}^{\text {CWIS-Service }}$ | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 | 77,387,509 |
| Less Accumulated Book Depreciation Reserve | 2,776,801 | 2,901,309 | 3,025,817 | 3,150,325 | 3,274,833 | 3,399,340 | 3,523,848 | 3,648,356 | 3,772,864 | 3,897,372 | 4,021,880 | 4,146,388 | 4,146,388 |
| Less Accumulated Deferred Taxes | 15,033,902 | 15,093,157 | 15,152,413 | 15,211,669 | 15,270,924 | 15,330,180 | 15,389,436 | 15,448,691 | 15,507,947 | 15,567,203 | 15,626,458 | 15,685,714 | 15,685,714 |
| End Of Month Rate Base | 59,576,807 | 59,393,043 | 59,209,280 | 59,025,517 | 58,841,753 | 58,657,990 | 58,474,226 | 58,290,463 | 58,106,699 | 57,922,936 | 57,739,172 | 57,555,409 | 57,555,409 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 112,873 | 112,526 | 112,178 | 111,830 | 111,483 | 111,135 | 110,788 | 110,440 | 110,092 | 109,745 | 109,397 | 109,049 | 536 |
| Equity Return | 253,592 | 252,811 | 252,030 | 251,249 | 250,468 | 249,687 | 248,906 | 248,125 | 247,344 | 246,563 | 245,782 | 245,001 | 2,991,557 |
| Total Return on Rate Base | 366,465 | 365,337 | 364,208 | 363,079 | 361,951 | 360,822 | 359,694 | 358,565 | 357,436 | 356,308 | 355,179 | 354,050 | 4,323,094 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income Statement tiems AFUDC Pre-Eligible | - | - |  | - |  |  |  | - |  |  |  |  |  |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 110,541 | 1,326,490 |
| Book Depreciation | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 124,508 | 1,494,094 |
| Deferred Taxes | 59,256 | 59,256 | 59,256 | 59,256 | 59,256 | 59,256 | 59,256 | 59,256 | 59,256 | 59,256 | 59,256 | 59,256 | 711,068 |
| Gross Up tor Income Tax Less OATT Credit | 118,500 | 117,949 | 117,397 | 116,846 | 116,295 | 115,744 | 115,193 | 114,642 | 114,091 | 113,540 | 112,989 | 112,438 | 1,385,624 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 412,804 | 412,253 | 411,702 | 411,151 | 410,600 | 410,049 | 409,497 | 408,946 | 408,395 | 407,844 | 407,293 | 406,742 | 4,917,276 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 779,269 | 777,589 | 775,910 | 774,230 | 772,550 | 770,871 | 769,191 | 767,511 | 765,832 | 764,152 | 762,472 | 760,792 | 9,240,370 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | ${ }^{100.00 \%} 7$ | 100.00\% |  |
| Jurisdictional Allocator Are costs eligible for recovery in the Rider? | 73.62\% | ${ }_{1}^{73.62 \%}$ | ${ }^{73.62 \%}$ | ${ }_{1}^{73.62 \%}$ | ${ }_{1}^{73.62 \%}$ | ${ }^{73.62 \%}$ | ${ }_{1}^{73.62 \%}$ | ${ }_{1}^{73.62 \%}$ | ${ }_{1}^{73.62 \%}$ | ${ }_{1}^{73.62 \%}$ | ${ }_{1}^{73.62 \%}$ | ${ }_{1}^{73.62 \%}$ | 73.62\% |
| Rider Eliaible Revenue Requirement <br> Rider Eligible Revenue Requirement: Annual Totals | 573,708 | 572,472 | 571,235 | 569,998 | 568,762 | 567,525 | 566,289 | 565,052 | 563,815 | 562,579 | 561,342 | 560,105 $6.802,882$ | $6,802,882$ $6,802,882$ |

State of Minnesota
Transmission Cost Recovery Rider (TCR)
Docket No. E002/M-15-891 Reply Comments
Stachment 14-Updated
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| CAPX2020 - La Crosse MISO - WI Land, Line \& Sub | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Base |  |  |  |  |  |  |  | 60,96:391 | 69765407 |  | 86794578 | 96125094 | 96125094 |
| $\underset{\text { Plant }}{\text { CW-Service }}$ | $\begin{array}{r} 27,600,696 \\ 3,515,175 \end{array}$ | $28,574,992$ $3,516,561$ | $\underset{\substack{33,173,468 \\ 3,517,125}}{ }$ | $34,016,644$ $3,519,498$ | $37,030,785$ $3,520,571$ | ${ }_{3}^{42,979,064} 3$ | $51,576,228$ $3,521,482$ | ${ }_{3,522,725}^{60,96,81}$ | ${ }_{3,515,636}^{69,6507}$ | ${ }_{3,515,636}$ | $\underset{\substack{86,348,328}}{8,9,58}$ | 9,607,701 | $\underset{\substack{96,120,094 \\ 6,607,701}}{ }$ |
| Less Accumulated Book Depreciation Reserve |  |  |  |  |  |  |  |  |  |  |  | 186 | 186 |
| Less Accumulated Deferred Taxes | (319,070) | (351,777) | (390,905) | (429,466) | (458,420) | (495,525) | (540,833) | (605,372) | (681,171) | (765,180) | (867,159) | (972,920) | (972,920) |
| End Of Month Rate Base | 31,434,941 | 32,443,330 | 37,081,497 | 37,965,608 | 41,009,776 | 46,995,759 | 55,638,543 | 65,124,987 | 73,962,214 | 83,231,791 | 94,010,066 | 103,705,529 | 103,705,529 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 58,165 | 59,620 | 64,890 | 70,044 | 73,710 | 82,138 | 95,792 | 112,713 | 129,815 | 146,714 | 165,426 | 184,535 | 1,243,561 |
| Equity Return | 132,428 | 135,741 | 147,740 | 159,475 | 167,823 | 187,012 | 218,098 | 256,623 | 295,560 | 334,037 | 376,639 | 420,146 | 2,831,322 |
| Total Return on Rate Base | 190,593 | 195,361 | 212,630 | 229,519 | 241,533 | 269,150 | 313,890 | 369,335 | 425,375 | 480,752 | 542,065 | 604,680 | 4,074,883 |
| Income Statement Items |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 5,304 | 5,304 | 5,304 | 5,304 | 5,304 | 5,304 | 5,304 | 5,304 | 5,304 | 5,304 | 5,304 | 5,304 | 3,648 |
| Book Depreciation |  |  |  |  |  |  |  |  |  |  |  | 186 | 186 |
| Deferred Taxes | (30,561) | $(32,708)$ | (39,128) | (38,561) | $(28,954)$ | $(37,105)$ | $(45,308)$ | (64,539) | $(75,799)$ | $(84,010)$ | (101,979) | ${ }^{(105,761)}$ | (684,412) |
| Gross Up for Income Tax Less OATT Credit | 124,713 | 129,248 | 144,283 | 151,984 | 148,044 | 169,925 | 200,252 | 247,113 | 286,110 | 321,661 | 370,107 | 404,676 | 2,698,116 |
| Total Income Statement Expense | 99,456 | 101,844 | 110,460 | 118,727 | 124,394 | 138,123 | 160,248 | 187,878 | 215,615 | 242,955 | 273,433 | 304,405 | 2,077,538 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 290,049 | 297,205 | 323,090 | 348,246 | 365,927 | 407,273 | 474,138 | 557,213 | 640,990 | 723,707 | 815,497 | 909,085 | 6,152,421 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisictional Allocator Are costs eligible for recovery in the Rider? | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% |
| Are costs eligibe for recovery in the Rider? Rider Elioible Revenue Reauirement | 215,622 | 220,942 | 240,185 | 258,886 | 272,030 ${ }^{1}$ | 302, ${ }^{167}$ | 352,474 | 414, 232 | 476,511 ${ }^{1}$ | 538,003 | 606,240 ${ }^{1}$ | 675,813 ${ }^{1}$ |  |
| Rider Eligible Revenue Requirement: Annual Totals |  |  |  |  |  |  |  |  |  |  |  | 4,573,701 | $4,573,701$ |

State of Minnesota
Transmission Cost Recovery Rider (TCR)
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| CAPX2020 - La Crosse MISO - WI Land, Line \& Sub | Jan-15 | -15 | ar-15 | Apr-15 | May-15 | -15 | Jul-15 | Aug-15 | Sep-15 | ct-15 | Nov-15 | c-15 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {CWIP }}$ | 100,049,540 | 104,362,921 | 108,132,890 | 112,120,897 | 117,142,686 | 120,604,203 | 121,364,844 | 123,243,957 | 17,982, 272 | (211,173) | (477,122) | ${ }^{26,448}$ | 26,448 |
| Plant In-Service | 6,67,113 | 6,942, 93 | 7,386,839 | , 720 | 8,410,459 | , 773 |  | 9,051,831 | 116,419,327 | 137,054,901 | 139,279,171 | 141,681,701 | $141,681,701$ <br> 7655 |
| Less Accumulated Deferred Taxes | $\begin{array}{r} 559 \\ (1,064,021) \end{array}$ | $\begin{array}{r} 932 \\ (1,115,112) \end{array}$ | $\begin{array}{r} 1,305 \\ (1,185,698) \end{array}$ | $\begin{array}{r} 1,789 \\ (1,257,970) \end{array}$ | $\begin{array}{r} 2,643 \\ (1,319,791) \end{array}$ | 3,773 $(1,377.896)$ | $\begin{gathered} 5,288 \\ (1,401,830) \end{gathered}$ | $\begin{array}{r} 7,024 \\ (1,445,219) \end{array}$ | 103,276 | $\begin{array}{r} 310,430 \\ 6,440,260 \end{array}$ | $\begin{array}{r} 535,964 \\ 12,831,943 \end{array}$ | $19,326,548$ | $\begin{array}{r}7965,260 \\ 19,326,548 \\ \hline\end{array}$ |
| End Of Month Rate Base | 107,791,117 | 112,419,812 | 116,704,121 | 121,437,498 | 126,870,293 | 130,427,608 | 131,690,791 | 133,733,983 | 133,396,664 | 130,093,038 | 125,864,142 | 121,616,340 | 121,616,340 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 200,041 | 208,283 | 216,713 | 225,242 | 234,858 | 243,361 | 247,920 | 251,048 | 252,661 | 249,217 | 242,093 | 234,075 | 2,805,512 |
| Equity Return | 449,430 | 467,948 | 486,888 | 506,051 | 527,654 | 546,758 | 557,002 | 564,028 | 567,653 | 559,916 | 543,909 | 525,896 | 6,303,133 |
| Total Return on Rate Base | 649,471 | 676,231 | 703,601 | 731,293 | 762,512 | 790,119 | 804,922 | 815,075 | 820,314 | 809,133 | 786,002 | 759,971 | 9,108,64 |
| ome Statement tems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible | - | - | - | - |  | - |  |  |  |  |  |  |  |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 9,438 | 9,438 | 9,438 | 9,438 | 9,438 | 9,438 | 9,438 | 9,438 | 9,438 | 9,438 | 9,438 | 9,438 | 113,262 |
| Book Depreciation | 373 | 373 | 373 | 484 | 854 | 1,129 | 1,455 | 1,796 | 96,252 | 207,154 | 225,534 | 229,296 | 765,075 |
| Deferred Taxes | $(91,101)$ | $(51,091)$ | (70,585) | (72,273) | (61,821) | (58,105) | (23,935) | (43,389) | 2,346,867 | 5,538,612 | 6,391,683 | 6,494,605 | 20,299,468 |
| Gross Up for Income Tax | 410,358 | 382,477 | 415,792 | 431,041 | 435,587 | 445,264 | 417,522 | 442,389 | (2,001,282) | (5,273,229) | $(6,157,570)$ | (6,275,613) | $(16,327,265)$ |
| Less ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 329,068 | 341,198 | 355,018 | 368,691 | 384,059 | 397,727 | 404,481 | 410,235 | 451,275 | 481,976 | 469,084 | 457,727 | 4,850,540 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 978,539 | 1,017,429 | 1,058,620 | 1,099,984 | 1,146,571 | 1,187,846 | 1,209,403 | 1,225,310 | 1,271,589 | 1,291,109 | 1,255,086 | 1,217,698 | 13,959,184 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisdictional Allocator Are costs eligibe for recovery in the Rider? | 7.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% |
| Rider Eliaible Revenue Requirement |  |  | 783,483 |  |  |  | 895,077 | 906,850 |  | 955,548 | 928,887 | 901,216 | 10,331,169 |
| Rider Eligible Revenue Requirement: Annual Totals |  |  |  |  |  |  |  |  |  |  |  | 10,331,169 | 10,331,169 |

CAPX2020 - La Crosse MISO - WI
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)


State of Minnesota
Transmission Cost Recovery Rider (TCR)

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline Transmission Cost Recovery Rider (TCR) \& \& \& \& \& \& \& \& \& \& \& \& PX2020-La \& $$
\begin{array}{r}
\text { se MISO - WI } \\
\text { Page } 4 \text { of } 4
\end{array}
$$ <br>
\hline CAPx2020-La Crosse MISO-WI \& Jan-17 \& Feb-17 \& Mar-17 \& Apr-17 \& May-17 \& Jun-17 \& Jul-17 \& Aug-17 \& Sep-17 \& Oct-17 \& Nov-17 \& Dec-17 \& Total <br>
\hline Rate Base \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline CWIP \& ${ }^{0}$ \& - 0 \& - ${ }^{0}$ \& - \& 0 \& - \& 0 \& 0 \& $\bigcirc$ \& 0 \& $\bigcirc$ \& 0 \& $\bigcirc$ <br>
\hline Plant In-Service \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 \& 143,708,148 <br>
\hline Less Accumulated Book Depreciation Reserve \& 3,796,230 \& 4,029,761 \& 4,263,291 \& 4,496,821 \& 4,730,351 \& 4,963,881 \& 5,197,412 \& 5,430,942 \& 5,664,472 \& 5,898,002 \& 6,131,532 \& 6,365,063 \& 6,365,063 <br>
\hline Less Accumulated Deferred Taxes \& 21,843,863 \& 22,012,672 \& 22,181,480 \& 22,350,289 \& 22,519,097 \& 22,687,906 \& 22,856,714 \& 23,025,523 \& 23,194,332 \& 23,363,140 \& 23,531,949 \& 23,700,757 \& 23,700,757 <br>
\hline End Of Month Rate Base \& 118,068,055 \& 117,665,716 \& 117,263,377 \& 116,861,039 \& 116,458,700 \& 116,056,361 \& 115,654,022 \& 115,251,684 \& 114,849,345 \& 114,447,006 \& 114,044,667 \& 113,642,32 \& 113,6 <br>
\hline Return on Rate Base \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Debt Return \& 223,726 \& 222,965 \& 222,204 \& 221,443 \& 220,682 \& 219,920 \& 219,159 \& 218,398 \& 217,637 \& 216,876 \& 216,115 \& 215,354 \& 2,634,479 <br>
\hline Equity Return \& 502,644 \& 500,934 \& 499,224 \& 497,514 \& 495,804 \& 494,095 \& 492,385 \& 490,675 \& 488,965 \& 487,255 \& 485,545 \& 483,835 \& 5,918,874 <br>
\hline Total Return on Rate Base \& 726,370 \& 723,899 \& 721,428 \& 718,957 \& 716,486 \& 714,015 \& 711,544 \& 709,073 \& 706,602 \& 704,131 \& 701,660 \& 699,189 \& 8,553,354 <br>
\hline Income Statement tiems \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline AFUDC Pre-Eligible \& - \& - \& $\checkmark$ \& $\checkmark$ \& - \& - \& - \& - \& - \& - \& $\checkmark$ \& $\checkmark$ \& - <br>
\hline Operating Expenses \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Property Taxes \& 205,274 \& 205,274 \& 205,274 \& 205,274 \& 205,274

232530 \& 205,274

23,530 \& 205,274

232530 \& 205,274
23,530 \& ${ }^{205,274}$ \& ${ }^{205,274}$ \& ${ }^{205,274}$ \& 205,274 \& 2,463,284 <br>
\hline Book Depreciation \& 233,530 \& 233,530 \& 233,530 \& 233,530 \& 233,530 \& 233,530 \& 233,530 \& 233,530 \& 233,530 \& 233,530 \& 233,530 \& 233,530 \& 2,802,362 <br>
\hline Deferred Taxes \& 168,809 \& 168,809 \& 168,809 \& 168,809 \& 168,809 \& 168,809 \& 168,809 \& 168,809 \& 168,809 \& 168,809 \& 168,809 \& 168,809 \& 2,025,703 <br>
\hline Gross Up for Income Tax Less OATT Credit \& 181,910 \& 180,703 \& 179,497 \& 178,290 \& 177,084 \& 175,877 \& 174,671 \& 173,464 \& 172,257 \& 171,051 \& 169,844 \& 168,638 \& 2,103,287 <br>
\hline Total Income Statement Expense \& 789,522 \& 788,316 \& 787,109 \& 785,903 \& 784,696 \& 783,490 \& 782,283 \& 781,076 \& 779,870 \& 778,663 \& 777,457 \& 776,250 \& 9,394,635 <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Revenue Requirement
Total \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline MISO Determined Cost Allocations \& ${ }^{1,515,892}{ }_{10000}$ \& ${ }_{\text {10, }}^{10.512 .2100 \%}$ \& ${ }^{1,508,537} 100.00 \%$ \& 1,504,860 \& 1,501,182 \& 1,497,500 \& ${ }^{1,4933,827}{ }^{100} \mathbf{0}$ \& 1,490,149 \& $1,486,472$

$100.00 \%$ \& ${ }^{1,482,794}{ }_{100.00 \%}$ \& ${ }^{1,479,117}{ }_{100.00 \%}$ \& ${ }^{1,475,439}{ }_{100.00 \%}$ \& | $17,947,989$ |
| :---: |
| $100.00 \%$ | <br>

\hline Juriscictional Allocator \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% \& 73.62\% <br>
\hline Are costs eligible for recovery in the Rider? \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline  \& 1,116,020 \& 1,113,313 \& 1,110,605 \& 1,107,898 \& 1,105,190 \& 1,102,483 \& 1,099,775 \& 1,097,068 \& 1,094,360 \& 1,091,653 \& \& $1,086,238$
$13,213,546$ \& $13,213,546$
$13,213,546$ <br>
\hline
\end{tabular}

Big Stone-Brookings
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)

## Big Stone-Brookings



Reply Comments
tachment 14-Updated
Attachment 14-Updated
Big Stone-Brookings

Big Stone-Brookings
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)

## Big Stone-Brookings Land. Line \& Sub

| Big Stone-Brookings Land, Line \& Sub | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {CWIP }}$ | 2,329,123 | 2,354,857 | 2,384,456 | 2,518,602 | 2,686,304 | 2,731,442 | 2,845,883 | 3,140,892 | 3,830,859 | 4,706,461 | 5,772,769 | 7,033,934 | 7,033,934 |
| Plant In-Service | 30,812 | 40,548 | 101,516 | 106,254 | 111,886 | 124,089 | 122,390 | 122,390 | 169,177 | 169,177 | 169,177 | 215,963 | 215,963 |
| Less Accumulated Book Depreciation Reserve | 561 | 599 | 638 | 676 | 715 | 754 | 792 | 831 | 869 | 908 | 947 | 985 | 985 |
| Less Accumulated Deferred Taxes | (33,740) | (33,690) | (33,643) | (33,571) | (33,533) | (33,463) | (33,391) | (35,358) | (37,306) | (39,643) | (42,463) | (45,861) | (45,861) |
| End Of Month Rate Base | 2,393,115 | 2,428,495 | 2,518,978 | 2,657,751 | 2,831,008 | 2,888,240 | 3,000,872 | 3,297,809 | 4,036,472 | 4,914,372 | 5,983,461 | 7,294,773 | 7,294,773 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 4,511 | 4,560 | 4,679 | 4,896 | 5,191 | 5,409 | 5,570 | 5,958 | ${ }_{6}^{6,937}$ | 8,466 | 10,308 | 12,559 | 79,046 |
| Equity Return | 10,136 | 10,246 | 10,513 | 11,001 | 11,664 | 12,153 | 12,514 | 13,385 | 15,585 | 19,021 | 23,158 | 28,216 |  |
| Total Return on Rate Base | 14,647 | 14,806 | 15,193 | 15,897 | 16,855 | 17,563 | 18,084 | 19,342 | 22,522 | 27,487 | 33,465 | 40,775 | 256,637 |
| Income Statement tems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible | (172) | (192) | (195) | (192) | (199) | (210) | (218) | (18,508) | (21,100) | (25,292) | $(30,493)$ | (36,725) | (133,498) |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 410 |
| Book Depreciation | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 463 |
| Deferred Taxes | 70 | 51 | 46 | 72 | 38 | 71 | 72 | ${ }^{(1,967)}$ | $(1,948)$ | $(2,337)$ | $(2,820)$ | $(3,398)$ | (12,051) |
| Gross Up oro Income Tax Less OATT Credit | 6,999 | 7,086 | 7,278 | 7,597 | 8,096 | 8,403 | 8,653 | 2,632 | 2,929 | 3,752 | 4,685 | 5,875 | 73,986 |
| Total Income Statement Expense | 6,969 | 7,018 | 7,203 | 7,549 | 8,008 | 8,337 | 8,579 | (17,771) | $(20,047)$ | (23,805) | (28,555) | (34,176) | (70,690) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| venue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  | 21,824 | 22,396 | 23,446 | 24,863 | 25,900 | 26,663 | 1,571 | 2,475 | 3,682 | 4,911 | 6,599 | 185,947 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisdictional Allocator Are costs eligibl for recovery in the Rider? | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% |
| Are costs eligible for recovery in the Rider? |  |  |  |  |  |  |  |  |  |  |  | - |  |
| Rider Elicible Revenue Reauirement ${ }_{\text {R }}^{\text {Rider Eligibe Revenue Requirement: Annual }}$ |  | . | . |  | . | . | - |  |  |  |  | . |  |

tachment 14 -Updated
Big Stone-Brooking
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Big Stone-Brookings
Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)

| Big Stone-Brookings Land, Line \& Sub | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\underset{\text { Plant }}{\text { CW-Service }}$ | 8,276,4649 | $\begin{array}{r} 9,701,302 \\ 581,178 \end{array}$ | $11,801,369$ 581,178 | $14,542,558$ 581,178 | $17,688,439$ 581,178 | $21,210,755$ 581,178 | ${ }_{\text {2 }}^{25165,1,788}$ | 29,497,649 | $33,765,393$ 581,178 | $37,513,347$ 581,178 | $41,261,300$ 581,178 | 44,161,770 581,178 | $\begin{array}{r}44,161,770 \\ 581,178 \\ \hline\end{array}$ |
| Less Accumulated Book Depreciation Reserve | 1,024 | 1,063 | 1,101 | 1,140 |  | 1,217 | 1,256 | 1,294 | 1,333 | 1,371 | 1,410 | 1,449 | 1,449 |
| Less Accumulated Deferred Taxes | (56,610) | (69,180) | (84,171) | (102,461) | (124,760) | (151,610) | (183,577) | (221,215) | (264,752) | (313.816) | (368,075) | (426,979) | (426,979) |
| End Of Month Rate Base | 8,590,929 | 10,350,598 | 12,465,616 | 15,225,058 | 18,383,199 | 21,942,327 | 25,929,372 | 30,298,747 | 34,609,990 | 38,406,969 | 42,209, 144 | 45,168,478 | 45,168,478 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 15,025 | 17,916 | 21,580 | 26,191 | 31,788 | 38,141 | 45,279 | 53,182 | 61,393 | 69,062 | 76,249 | 82,645 | 538,451 |
| Equity Return | 33,757 | 40,251 | 48,484 | 58,843 | 71,418 | 85,692 | 101,727 | 119,485 | 137,931 | 155,161 | 171,309 | 185,677 | 1,209,735 |
| Total Return on Rate Base | 48,782 | 58,166 | 70,065 | 85,033 | 103,205 | 123,833 | 147,006 | 172,667 | 199,324 | 224,223 | 247,559 | 268,322 | 1,748,186 |
| Income Statement ltems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes Book Depreciation | 308 | 308 | 308 | 308 | 308 39 | 308 | 308 | 308 | ${ }^{308}$ | 308 | 308 | 308 | $\begin{array}{r}3,702 \\ 463 \\ \hline\end{array}$ |
| Deferred Taxes | (10,749) | (12,571) | (14,999) | (18,291) | (22,298) | (26,850) | (31,967) | (37,638) | (43,537) | (49,064) | (54,260) | (58,903) | (381,117) |
| Gross Up for Income Tax | 34,820 | 41,266 | 49,552 | 60,239 | 73,213 | 87,944 | 104,496 | 122,829 | 141,882 | 159,696 | 176,408 | 191,299 | 1,243,645 |
| Less OATT Credit |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 24,418 | 29,043 | 34,909 | 42,295 | 51,262 | 61,441 | 72, | 85,53 | 98,692 | 110,97 | 122,495 | 132,743 | 866,693 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 73,201 | 87,209 | 104,974 | 127,329 | 154,468 | 185,274 | ${ }^{219,882}$ | 258,205 | 298,016 | 335,202 | 370,054 | 401,065 | 2,614,879 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 10.00\% | 100.00\% | 100.00\% | 10.00\% |
| Jurisdictional Allocator Are costs eligible for recovery in the Rider? |  |  |  |  |  |  |  |  |  |  |  | ${ }^{73.62 \%}$ |  |
| Rider Eliqible Revenue Requirement | 53,891 | 64,205 | 77,283 | 93,741 | 113,721 | 136,401 | 161,880 | 190,094 | 219,404 | 246,780 | 272,439 | 295,269 | 1,925,108 |

Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)

|  |  |  |  |  |  |  |  |  |  |  |  |  | $\text { Page } 4 \text { of } 4$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Big Stone-Brookings Land, Line $\&$ Sub | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Total |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CWIP | 47,438,899 | 54, 200, 131 | 56,535,610 | 58,871,090 | 61,206,569 | 63,532,632 | 65,670,365 | 67,676,267 | 63,592,137 | 65,004,150 | 66,228,197 | ${ }^{(2,537)}$ | ${ }^{(2,537)}$ |
| Plant In-Service |  |  |  | 581,178 | 581,178 | 581,178 | 581,178 | 581,178 | 6,633,545 | 6,716,117 | 6,744,653 | 73,757,145 | 73,757,145 |
| Less Accumulated Book Depreciation Reserve | 1,487 | 1,526 | 1,564 | 1,603 | 1,642 | 1,680 | 1,719 | 1,757 | 6,680 | 16,553 | 26,515 | 95,486 | 95,486 |
| Less Accumulated Deferred Taxes | (489,587) | (559,078) | (634,851) | (713,982) | (796,480) | (882,350) | (971,472) | (1,063,644) | $(1,138,537)$ | $(1,195,400)$ | (1,254,014) | 133,625 | 133,625 |
| End Of Month Rate Base | 48,508,177 | 55,338,862 | 57,750,076 | 60,164,647 | 62,582,586 | 64,994,480 | 67,221,297 | 69,319,332 | 71,357,539 | 72,899,115 | 74,200,349 | 73,525,496 | 73,525,496 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 88,603 | 98,222 | 106,963 | ${ }^{111,528}$ | 116,098 | 120,667 | 125,054 | 129,145 | 133,057 | 136,443 | 139,132 | ${ }^{139,724}$ | 1,444,635 |
| Equity Return | 199,063 | 220,675 | 240,314 | 250,569 | 260,838 | 271,101 | 280,959 | 290,149 | 298,938 | 306,545 | 312,586 | 313,917 | 3,245,655 |
| Total Return on Rate Base | 287,665 | 318,897 | 347,277 | 362,096 | 376,936 | 391,768 | 406,013 | 419,294 | 431,995 | 442,988 | 451,718 | 453,641 | 4,690,289 |
| Income Statement tiems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible | - | - | - | $\cdot$ | - | - | - | - | - | - |  | - | - |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 830 | 830 | ${ }^{830}$ | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 9,962 |
| Book Depreciation | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 4,922 | 9,873 | 9,962 | 68.971 | 94,037 |
| Deferred Taxes | $(62,605)$ | $(69,491)$ | $(75,773)$ | (79,130) | $(82,498)$ | (85,870) | (89,122) | (92,172) | $(74,893)$ | (56,863) | $(58,614)$ | 1,387,640 | 560,607 |
| Gross U0 for Income Tax | 204,532 | 226,829 | 247,116 | 257,787 | 268,480 | 279,173 | 289,457 | 299,062 | 287,583 | 274,500 | 280,554 | $(1,198,456)$ | 1,716,618 |
| Less OATT Credit |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 142,796 | 158,207 | 172,211 | 179,526 | 186,851 | 194,172 | 201,203 | 207,760 | 218,442 | 228,339 | 232,733 | 258,985 | 2,381,224 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 430,461 | 477,104 | 519,489 | 541,622 | 563,787 | 585,940 | 607,216 | 627,053 | 650,437 | 671,327 | 684,450 | 712,626 | 7,071,513 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisdictional Allocator Are costs eligible tor reovery in the Rider? | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% |
| Are costs eligible for recovery in the Rider? |  |  |  |  |  |  |  |  | ${ }_{478.861}{ }^{1}$ |  |  |  |  |
| Rider Elicible Revenue Requirement Rider Eligible Revenue Requirement: Annual |  |  |  |  |  |  |  |  |  |  |  | 5,206,141 | $5,206,141$ $5,206,141$ |

Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)
Docket No. E002/M-15-89 Reply Comments
Attachment 14-Updated
LaCrosse - Madison
Pagac 1 of 4
LaCrosse - Madison
Land Line \& Sub

| LaCrosse - Madison Land, Line \& Sub | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | ec-14 | otal |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CWIP | 5,163,150 | 5,080,186 | 5,132,718 | 6,203,099 | 6,428,873 | 7,035,808 | 7,435,448 | 7,830,854 | 8,185,254 | 8,559,227 | 8,903,911 | 9,401,558 | 9,401,558 |
| Plant 1 n-Service Less Accumulated Book Depreciation Reserve |  |  |  |  |  |  |  |  |  |  |  |  | : |
| Less Accumulated Deferred Taxes | (4,127) | $(4,653)$ | (5,173) | (7,435) | (9,500) | (11,354) | (13,797) | (18,295) | (23,174) | (27,443) | (32,992) | (37,848) | (37,848) |
| End Of Month Rate Base | 5,167,277 | 5,084,839 | 5,137,891 | 6,210,534 | 6,438,374 | 7,047,162 | 7,449,245 | 7,849,149 | 8,208,428 | 8,586,670 | 8,936,903 | 9,439,406 | 9,439,406 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 9,648 | 9,569 | 9,541 | 10,592 | 11,806 | 12,586 | 13,530 | 14,279 | 14,987 | 15,675 | 16,355 | 17,151 | 155,719 |
| Equity Return | 21,965 | 21,786 | 21,723 | 24,115 | 26,879 | 28,657 | 30,805 | 32,509 | 34,122 | 35,690 | 37,238 | 39,050 |  |
| Total Return on Rate Base | 31,613 | 31,354 | 31,265 | 34,707 | 38,685 | 41,243 | 44,335 | 46,788 | 49,109 | 51,365 | 53,593 | 56,201 | 510,258 |
| Income Statement Items |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible | $(5,311)$ | $(4,647)$ | $(3,857)$ | $(17,334)$ | (30,762) | (33,024) | $(34,618)$ | (37, 128) | $(39,017)$ | (47,847) | (44,632) | (46,823) | (344,820) |
| Operating Expenses |  |  |  |  |  |  |  |  |  | - |  |  |  |
| (eronerty Taxes |  |  |  | - |  | - |  | - |  | - |  |  | - |
| Deferred Taxes | (592) | (527) | (520) | (2,262) | $(2,066)$ | $(1,853)$ | $(2,444)$ | $(4,497)$ | $(4,879)$ | $(4,269)$ | $(5,549)$ | $(4,856)$ | (34,313) |
| Gross Up for Income Tax | 13,628 | 13,667 | 13,991 | 10,976 | 6,260 | 6,202 | 7,568 | 9,653 | 10,272 | 6,299 | 10,394 | 9,905 | 118,813 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 7,904 | 8,494 | 9,614 | (8,620) | (26,568) | (28,675) | (29,944) | (31,972) | (33,624) | (45,818) | (39,787) | (41,774) | $320)$ |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 39,517 | 39,848 | 40,879 | 26,087 | 12,117 | 12,568 | 14,841 | 14,816 | 15,485 | 5,547 | 13,806 | 14,427 | 249,938 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisdictional Allocator Are costs eligible tor reovery in the Rider? | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% | 74.34\% |
| Are costs eligibe for recovery in the Rider? Rider Elicible Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rider Eligible Revenue Requirement: Annual Totals |  |  |  |  |  |  |  |  |  |  |  |  |  |

Northern States Power Company
State of Minnesota
Recovery Rider (TCR)
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LaCrosse - Madison
LaCrosse - Madison
LaCrosse - Madison

| LaCrosse - Madison Land, Line \& Sub | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | c-15 | otal |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CWIP | 9,655,088 | 10,269,580 | 10,784,396 | 11,195,193 | 11,588,349 | 12,268,358 | 12,882,201 | 13,475,665 | 13,702,010 | (467,468) | (229,230) | 13,609,517 | 13,609,517 |
| Plant l -Service Less Accumulated Book Depreciation Reserve |  |  |  |  |  |  |  |  | 122,414 | 14,802,049 | 15,037,462 | 1,973,055 | $\begin{array}{r}1,973,055 \\ 47446 \\ \hline\end{array}$ |
| Less Accumulated Book Depreciaiton Reserve | (40,905) | (39,177) | (40,069) | (41,550) | $(41,665)$ | $(42,357)$ | $(4,237)$ | (44,455) | $(45,042)$ | $\begin{gathered} 11,655 \\ (47,848) \end{gathered}$ | $\begin{aligned} & (5,2,272) \\ & \hline \end{aligned}$ | (55,059) | $\begin{array}{r}47,46 \\ (56,59) \\ \hline\end{array}$ |
| End Of Month Rate Base | 9,695,993 | 10,308,757 | 10,824,466 | 11,236,743 | 11,630,014 | 12,310,715 | 12,925,438 | 13,520,119 | 13,869,467 | 14,370,774 | 14,825,538 | 15,590,185 | 15,590,185 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debt Return | 18,099 | 18,921 | 19,989 | 20,866 | 21,628 | 22,644 | 23,869 | 25,013 | 25,906 | 26,711 | 27,615 | 28,768 | 280,029 |
| Equity Return | 40,663 | 42,510 | 44,908 | 46,880 | 48,592 | 50,874 | 53,627 | 56,197 | 58,203 | 60,011 | 62,042 |  |  |
| Total Return on Rate Base | 58,762 | 61,431 | 64,897 | 67,746 | 70,220 | 73,518 | 77,496 | 81,210 | 84,109 | 86,721 | 89,657 | 93,402 | 909,168 |
| Income Statement titems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AFUDC Pre-Eligible | (54,422) | $(61,683)$ | $(60,875)$ | (58,430) | $(63,624)$ | (66,592) | $(70,141)$ | $(73,464)$ | $(75,682)$ | (39,332) | $(2,826)$ | (39,855) | (666,926) |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Book Depreciation |  |  |  |  |  |  |  |  |  | 11,655 | 23,311 | 12,480 | 47,446 |
| Deferred Taxes | $(3,057)$ | 1,728 | (892) | $(1,481)$ | (115) | (692) | (880) | $(1,217)$ | (588) | $(2,806)$ | (4,424) | (2,787) | (17,211) |
| Gross Up for Income Tax Less OATT Credit | 5,480 | $(1,878)$ | 3,074 | 6,379 | 3,593 | 4,357 | 4,773 | 5,291 | 4,987 | 26,744 | 48,121 | 29,775 | 140,694 |
| Total Income Statement Expense | (52,000) | (61,834) | (58,693) | (53,531) | (60,146) | (62,927) | (66,249) | (69,391) | (71,282) | (3,739) | 64,182 | (387) | (495,997) |
| ue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reventetal ${ }_{\text {Total }}$ |  |  | 6,203 |  |  |  | 11,247 | 11,819 | 12,826 | 82,982 | 153,839 | 93,015 | 413,171 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisdicitional Allocator Are costs eligible tor recovery in the Rider? | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% | 74.01\% |
| Are costs ligigle for recovery in the Rider? |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rider Eliqible Revenue Requirement <br> Rider Eligible Revenue Requirement: Annual Totals |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| LaCrosse - Madison | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CWIP | 14,127,425 | 14,833,662 | 15,775,312 | 17,187,786 | 19,777,322 | 24,485,570 | 28,840,700 | 33,643,113 | 38,869,268 | 44,707,496 | 49,933,651 | 56,148,539 | 56,148,539 |
| Plant In-Service | 2,443,880 | 2,924,121 | 3,442,028 | 3,969,352 | 4,496,676 | 5,024,000 | 5,551,323 | 6,078,647 | 6,605,971 | 7,133,295 | 7,651,202 | 8,169,109 | 8,169,109 |
| Less Accumulated Book Depreciation Reserve | 49,095 | 50,744 | 52,394 | 54,043 | 55,692 | 57,342 | 58,991 | 60,640 | 62,290 | 63,939 | 65,588 | 67,238 | 67,238 |
| Less Accumulated Deferred Taxes | (61,665) | $(68,613)$ | (76,019) | (84,075) | (93,229) | (104,377) | (118,002) | (134,132) | (153,007) | (174,911) | (199,850) | (227,928) | (227,928) |
| End Of Month Rate Base | 16,583,874 | 17,775,651 | 19,240,965 | 21,187,170 | 24,311,535 | 29,556,606 | 34,451,034 | 39,795,252 | 45,565,956 | 51,951,763 | 57,719,115 | 64,478,338 | 64,478,338 |
| Return on Rate Base |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reurn on Rete Ease Debt Return | 30,431 | 32,498 | 35,012 | 38,238 | 43,034 | 50,950 | 60,541 | 70,225 | 80,737 | 92,236 | 103,730 | 115,578 | 753,211 |
| Equity Return | 68,370 | 73,014 | 78,660 | 85,910 | 96,685 | 114,470 | 136,016 | 157,773 | 181,393 | 207,225 | 233,051 | 259,670 | 1,692,236 |
| Total Return on Rate Base | 98,801 | 105,512 | 113,672 | 124,148 | 139,719 | 165,420 | 196,557 | 227,998 | 262,130 | 299,461 | 336,781 | 375,248 | 2,445,447 |
| Income Statement tiems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income AFUCO C Pre-Eligigible | $\checkmark$ | - |  | - | - |  |  | - | - |  |  |  |  |
| Operating Expenses |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property Taxes | 2,818 | 2,818 | 2,818 | 2,818 | 2,818 | 2,818 | 2,818 | 2,818 | 2,818 | 2,818 | 2,818 | 2,818 | 33,820 |
| Book Depreciation | 1,649 | 1,649 | 1,649 | 1,649 | 1,649 | 1,649 | 1,649 | 1,649 | 1,649 | 1,649 | 1,649 | 1,649 | 19,792 |
| Deferred Taxes | $(6,606)$ | (6,948) | $(7,406)$ | $(8,056)$ | (9,154) | (11,148) | (13,625) | $(16,130)$ | (18,875) | (21,905) | (24,938) | $(28,079)$ | (172,869) |
| Gross U U for Income Tax | 55,087 | 58,714 | 63,167 | 68,947 | 77,674 | 92,265 | 110,002 | 127,918 | 147,393 | 168,722 | 190,049 | 212,046 | 1,371,985 |
| Less OATT Credit |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Income Statement Expense | 52,949 | 56,234 | 60,229 | 65,359 | 72,988 | 85,584 | 100,845 | 116,256 | 132,986 | 151,285 | 169,579 | 188,435 | 1,252,727 |
| Revenue Requirement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  | 161,746 | 173,900 | 189,507 | 212,707 | 251,004 | 297,402 | 344,254 | 395,116 | 450,746 | 506,360 | 563,683 | 3,698,174 |
| MISO Determined Cost Allocations | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Jurisdictional Allocator Are costs eligible for recovery in the Rider? | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% | 73.62\% |  |
| Rider Eliaible Revenue Reauirement | 111,720 | 119,080 | 128,028 | 139,518 | 156,597 | 184,792 | 218,951 | 253,444 | 290,890 | 331,845 | 372,789 | 414,991 | 2,722,645 |

Northern States Power Company
State of Minnesota
Recovery Rider (TCR)


Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)
ADIT Adjustment - Pro-Rate Method

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|  | Annual | Monthly |
| ---: | ---: | ---: |
| Debt Return \% | $2.2700 \%$ | $0.1892 \%$ |
| Equity Return \% | $5.1000 \%$ | $0.4250 \%$ |
| Tax RR on Equity Return @ 41.37 CTR | $\underline{3.5986 \%}$ | $\underline{0.2999 \%}$ |
| Rate Base Revenue Requirement Factor | $10.9686 \%$ | $0.9141 \%$ |



## Certificate of Service

I, Jim Erickson, hereby certify that I have this day served copies of the foregoing document on the attached list of persons.
xx by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota xx electronic filing

Docket No. E002/M-15-891
Dated this $3^{\text {rd }}$ day of June 2016
/s/
Jim Erickson

| 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 | OFF_SL_15-891_M-15-891 |
| Julia | Anderson | Julia.Anderson@ag.state.m n.us | Office of the Attorney General-DOC | 1800 BRM Tower 445 Minnesota St St. Paul, MN 551012134 | Electronic Service | Yes | OFF_SL_15-891_M-15-891 |
| Alison C | Archer | alison.c.archer@xcelenerg y.com | Xcel Energy | 414 Nicollet Mall FL 5 <br> Minneapolis, <br> MN <br> 55401 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| James J. | Bertrand | james.bertrand@stinson.co <br> m | Stinson Leonard Street LLP | 150 South Fifth Street, Suite 2300 <br> Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Jeffrey A. | Daugherty | jeffrey.daugherty@centerp ointenergy.com | CenterPoint Energy | 800 LaSalle Ave <br> Minneapolis, MN <br> 55402 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Ian | Dobson | $\begin{aligned} & \text { ian.dobson@ag.state.mn.u } \\ & \mathrm{s} \end{aligned}$ | Office of the Attorney General-RUD | Antitrust and Utilities Division 445 Minnesota Street, 1400 BRM Tower St. Paul, MN 55101 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Sharon | Ferguson | sharon.ferguson@state.mn us | Department of Commerce | 85 7th Place E Ste 500 Saint Paul, MN 551012198 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Michael | Hoppe | il23@mtn.org | Local Union 23, I.B.E.W. | 932 Payne Avenue St. Paul, MN 55130 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Alan | Jenkins | aj@jenkinsatlaw.com | Jenkins at Law | 2265 Roswell Road Suite 100 Marietta, GA 30062 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Richard | Johnson | Rick.Johnson@lawmoss.co m | Moss \& Barnett | 150 S. 5th Street Suite 1200 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_15-891_M-15-891 |


| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mark J. | Kaufman | mkaufman@ibewloca1949.o rg | IBEW Local Union 949 | 12908 Nicollet Avenue South <br> Burnsville, <br> MN <br> 55337 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Thomas | Koehler | TGK@IBEW160.org | Local Union \#160, IBEW | 2909 Anthony Ln <br> St Anthony Village, MN <br> 55418-3238 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Michael | Krikava | mkrikava@briggs.com | Briggs And Morgan, P.A. | 2200 IDS Center 80 S 8th St Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Douglas | Larson | dlarson@dakotaelectric.co m | Dakota Electric Association | 4300 220th St W <br> Farmington, MN 55024 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| John | Lindell | agorud.ect@ag.state.mn.us | Office of the Attorney General-RUD | 1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130 | Electronic Service | Yes | OFF_SL_15-891_M-15-891 |
| Pam | Marshall | pam@energycents.org | Energy CENTS Coalition | $\begin{aligned} & 823 \text { 7th St E } \\ & \text { St. Paul, } \\ & \text { MN } \\ & 55106 \end{aligned}$ | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Andrew | Moratzka | andrew.moratzka@stoel.co m | Stoel Rives LLP | 33 South Sixth St Ste 4200 <br> Minneapolis, <br> MN <br> 55402 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| David W. | Niles | david.niles@avantenergy.c om | Minnesota Municipal Power Agency | Suite 300 <br> 200 South Sixth Street <br> Minneapolis, <br> MN <br> 55402 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Richard | Savelkoul | rsavelkoul@martinsquires.c om | Martin \& Squires, P.A. | 332 Minnesota Street Ste W2750 <br> St. Paul, <br> MN <br> 55101 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Ken | Smith | ken.smith@districtenergy.c om | District Energy St. Paul Inc. | 76 W Kellogg Blvd <br> St. Paul, <br> MN <br> 55102 | Electronic Service | No | OFF_SL_15-891_M-15-891 |


| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
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| Ron | Spangler, Jr. | rlspangler@otpco.com | Otter Tail Power Company | 215 So. Cascade St. <br> PO Box 496 <br> Fergus Falls, <br> MN <br> 565380496 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Byron E. | Starns | byron.starns@stinson.com | Stinson Leonard Street LLP | 150 South 5th Street Suite 2300 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| James M. | Strommen | jstrommen@kennedygraven.com | Kennedy \& Graven, Chartered | 470 U.S. Bank Plaza 200 South Sixth Street Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Eric | Swanson | eswanson@winthrop.com | Winthrop Weinstine | 225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| SaGonna | Thompson | Regulatory.records@xcele nergy.com | Xcel Energy | 414 Nicollet Mall FL 7 <br> Minneapolis, MN <br> 554011993 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Lisa | Veith | lisa.veith@ci.stpaul.mn.us | City of St. Paul | 400 City Hall and Courthouse 15 West Kellogg Blvd. St. Paul, MN 55102 | Electronic Service | No | OFF_SL_15-891_M-15-891 |
| Daniel P | Wolf | dan.wolf@state.mn.us | Public Utilities Commission | 121 7th Place East Suite 350 St. Paul, MN 551012147 | Electronic Service | Yes | OFF_SL_15-891_M-15-891 |


[^0]:    ${ }^{1}$ Docket No. CN-06-1115
    ${ }^{2}$ After the CapX2020 CON proceeding in this docket, Xcel Energy generally began using escalated cost estimates in its regulatory applications.

[^1]:    ${ }^{3}$ Page 11 of the DOC's Comments
    4 See the Commission's treatment of the CapX2020 Bemidji project in a previous TCR proceeding, Docket No. E002/M-12-50.

[^2]:    ${ }^{5}$ Minn. Stat. § 216E.12, subd. 4
    ${ }^{6}$ SDPUC Docket No. EL12-063
    ${ }^{7}$ SDPUC Docket No. EL06-002

[^3]:    ${ }^{8}$ Of these three project segments, Xcel Energy has shared permit rights with OTP for only the 345 kV portion.
    ${ }^{9}$ SDPUC Docket No. EL13-020

