



414 Nicollet Mall  
Minneapolis, MN 55401

July 31, 2012

—Via Electronic Filing—

Burl W. Haar  
Executive Secretary  
Minnesota Public Utilities Commission  
121 7<sup>th</sup> Place East, Suite 350  
St. Paul, MN 55101

RE: PETITION  
FIVE-YEAR TRANSMISSION, DISTRIBUTION,  
AND GENERAL DEPRECIATION STUDY  
DOCKET NO. E,G002/D-12-\_\_\_\_\_

Dear Dr. Haar:

Enclosed for filing is the Petition of Northern States Power Company for approval of our 2012 Transmission, Distribution, and General Depreciation Study.

We have electronically filed this document with the Minnesota Public Utilities Commission, and summaries have been served on the parties on the attached service lists.

Please contact Lisa Perkett at [lisa.h.perkett@xcelenergy.com](mailto:lisa.h.perkett@xcelenergy.com) or (612)330-6950 if you have any questions regarding this filing.

Sincerely,

/s/

JEFFREY S. SAVAGE  
VICE PRESIDENT AND CONTROLLER

Enclosures  
c: Service Lists

STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger	Chair
Phyllis A. Reha	Commissioner
David C. Boyd	Commissioner
J. Dennis O'Brien	Commissioner
Betsy Wergin	Commissioner

IN THE MATTER OF THE PETITION OF  
NORTHERN STATES POWER COMPANY  
FOR CERTIFICATION OF ITS FIVE-YEAR  
TRANSMISSION, DISTRIBUTION, AND  
GENERAL DEPRECIATION STUDY

DOCKET NO. E,G002/D-12-\_\_\_

**PETITION**

**OVERVIEW**

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission this Petition for certification of our 2012 *Transmission, Distribution, and General Depreciation Study*. Specifically, we request Commission approval of:

- The depreciation lives and rates in our 2012 Study;
- Implementation of the new depreciation lives and rates effective January 1, 2013; and
- A change from an Average Service Life to an Average Remaining Life depreciation method.

This filing is the five-year review of depreciation statistics for transmission, distribution, and general plant for the Company's electric, gas, and common utilities. The Study is based on long-standing capital asset accounting principles, Commission Orders, Minn. Stat. § 216B.10 and 216B.11, and Minn. R. 7825.0500 through 7825.0900 governing depreciation. We respectfully requests approval of our new depreciation lives and rates because:

- They better reflect the expected useful lives of our assets, which on average, are longer than previously determined;

- They better reflect the expected cost of removal, which on average, are higher than previously determined reflecting, in part, higher environmental requirements; and
- The change from Average Service Lives (ASL) to Average Remaining Lives (ARL) will allow an automatic true-up of differences between the theoretical and actual reserves over the remaining lives of the assets.

Our Study also supports the reasonableness of the test year depreciation adjustment included in the Settlement Agreement and the Commission’s Order approving the Settlement Agreement in the Company’s 2010 electric general rate case.<sup>1</sup>

In the aggregate, these changes reduce the present depreciation rates by \$1,500,813 based on beginning 2012 plant data. As used in this Petition, “present rates” include the depreciation rates approved by the Commission in the Company’s 2007 five-year study petition<sup>2</sup> as adjusted by the Company for accounting purposes and consistent with the Commission’s May 2012 Order in Docket No. E002/GR-10-971.

The overall reduction in depreciation costs from those resulting from the present rates is broken down by utility as follows:

	Estimated Change to Depreciation
Electric Utility	\$1,623,140
Gas Utility	(3,790,556)
Common Utility	666,603
Total Estimated Impact	<u><u>\$(1,500,813)</u></u>

## I. SUMMARY OF FILING

A one-paragraph summary is attached to this filing pursuant to Minn. R. 7829.1300, subp. 1.

## II. SERVICE ON OTHER PARTIES

Pursuant to Minn. R. 7829.1300, subp. 2, the Company has served a copy of this filing on the Office of the Attorney General – Antitrust and Utilities Division. A summary of the filing has been served on all parties on the enclosed service lists.

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<sup>1</sup> Docket No. E002/GR-10-971, *Application for Authority to Increase Electric Rates in Minnesota*, FINDINGS OF FACT, CONCLUSIONS OF LAW, AND ORDER, May 14, 2012 (the “May 2012 Order”).

<sup>2</sup> Docket No. E,G002/D-07-1528 (effective January 1, 2008).

### **III. GENERAL FILING INFORMATION**

Pursuant to Minn. R. 7829.1300, subp. 3, the Company provides the following information.

**A. Name, Address, and Telephone Number of Utility**

Northern States Power Company  
414 Nicollet Mall  
Minneapolis, MN 55401  
(612) 330-5500

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

James P. Johnson  
Assistant General Counsel  
Xcel Energy  
414 Nicollet Mall, 5<sup>th</sup> Floor  
Minneapolis, MN 55401  
(612) 215-4592

**C. Date of Filing and Date Proposed Rates Will Take Effect**

This petition is being filed July 31, 2012 consistent with the Company's commitment to accelerate its five-year depreciation filing made in the Settlement Agreement accepted by the Commission's May 2012 Order in Docket No. E002/GR-10-971. Xcel Energy requests the changes be effective January 1, 2013.

**D. Statute Controlling Schedule for Processing the Filing**

This request for approval of depreciation lives and rates is considered a miscellaneous filing under Minn. R. 7829.0100, subp. 11, since no determination of Xcel Energy's general revenue requirement is necessary. Comments on a miscellaneous filing are due within 30 days of filing, with replies due 10 days thereafter.

**E. Utility Employee Responsible for the Filing**

Lisa H. Perkett  
Director, Capital Asset Accounting  
Xcel Energy  
414 Nicollet Mall, 4<sup>th</sup> Floor  
Minneapolis, MN 55401  
(612) 330-6950

### **IV. MISCELLANEOUS INFORMATION**

Pursuant to Minn. R. 7829.0700, the Company requests that the following persons be placed on the Commission's official service list for this proceeding:

James P. Johnson  
Assistant General Counsel  
Xcel Energy  
414 Nicollet Mall, 5<sup>th</sup> floor  
Minneapolis, MN 55401  
james.p.johnson@xcelenergy.com

SaGonna Thompson  
Records Analyst  
Xcel Energy  
414 Nicollet Mall, 7<sup>th</sup> Floor  
Minneapolis, MN 55401  
regulatory.records@xcelenergy.com

Any information requests in this proceeding should be submitted to Ms. Thompson at the above Regulatory Records email address.

## **V. DESCRIPTION AND PURPOSE OF FILING**

This filing provides information on the following:

- Background Information
- Present Rates Used in the Study
- Major Future Additions and Retirements
- Summary of the Study
- Theoretical Reserve Analysis
- Reallocation of Reserves Within Functional Class
- Asset Retirement Obligation
- Reasonableness of New Rates
- Proposal for Future ARL Filings
- Attached Schedules
- Effect of Change Upon Xcel Energy Revenue

### **A. Background Information**

This filing presents life and depreciation rate information for both the electric and gas utilities' transmission, distribution and general plant, including common property related to each utility group. Common property does not have distinctions outside of general property. The utilities and functional groups can further be broken down based on their treatment for depreciation purposes.

Depreciation accounting is the system of accounting to distribute the cost of capital assets, less salvage (which may be negative), over the estimated useful life of the unit in a systematic and rational manner. Depreciation is a process of allocation, not valuation. The depreciation method chosen varies depending on the type of asset whether the asset is a homogeneous group of assets (like poles and conductor) versus an individual asset (such as a generating unit). In the past, the Company used two basic depreciation methods: the remaining service life method for generation facilities; and the average service life method for transmission, distribution, and general property.

This Petition proposes to replace the average service life method with an average life group, remaining-life depreciation system to calculate annual and accrued depreciation for transmission, distribution and general property. In the complete Alliance Consulting Group depreciation study (Study) that serves as the foundation for this Petition (provided in Schedule D), the depreciation consultant first determined the appropriate present average service lives of the asset groups. Then the depreciation rates were adjusted to true-up the difference between the accumulated actual reserves and the theoretical reserves over the remaining lives of the assets.

Actual reserves are based on historical rates and lives, whereas the theoretical reserve is based on the current assumptions applied as if they had been in place from the beginning of an asset's useful life. Where the actual reserve is greater than the theoretical reserve, this is often called a "surplus" in reserve. A "deficit" in reserve is the opposite where the theoretical reserve is greater than the actual reserve. Each plant account was evaluated and is in either a surplus or deficit position, with the overall position being a surplus. The surplus or deficit is amortized over the average remaining life for each account.<sup>3</sup>

The general plant accounts, except for Structures & Improvements, are depreciated by vintage within an account rather than at total account level as is done for the transmission and most of the distribution assets. The small dollar, high volume assets in both electric and gas distribution also are included in this vintage depreciation. These assets are often referred to as "Vintage Group" assets and the depreciation is thought of more as an amortization.

The current depreciable lives and net salvage rates for these electric, gas, and common assets have been reviewed by Company personnel. The analysis included interviews

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<sup>3</sup> This approach was used by the Company in calculating the \$25.5 million Transmission and Distribution depreciation expense adjustment included in the Settlement Agreement approved by the Commission in the May 2012 Order.

with operating personnel responsible for purchase, maintenance, and utilization of the equipment. For this study, the lives were adjusted if factors such as market forces, manufacturer expected life, technological obsolescence, business planning, known causes of retirement, and changes in expected future utilization affected the useful life of the asset.

## B. Present Rates Used in the Study

The present depreciation rates used for a comparison to the proposed depreciation rates are the rates the Commission approved in our prior five year depreciation filing, Docket No. E,G002/D-07-1528, consistent with Minn. Stat. 216B.11 and Minn. Rule 7825.0600. Some of the transmission and distribution accounts have been changed by the Company to reflect the settled test year depreciation expense in our recent electric rate case proceeding, Docket No. E002/GR-10-971. Changing depreciation rates to reflect the Settlement Agreement was necessary so that monthly depreciation could be calculated by our accounting system.

The calculation of this conversion from Docket No. E002/D-07-1528 rates to post Settlement Agreement is shown in Schedule B.1 and B.2 and summarized in the table below by Federal Energy Regulatory Commission (FERC) account:

FERC Account	Plant Balance 1/1/2011	Present Depreciation	Depreciation Adjustment From Settlement	Adjusted Depreciation	Rates per Settlement
<b><u>Transmission Lines</u></b>					
354 Towers & Fixtures	\$113,870,223	\$2,846,756	\$(715,146)	\$2,131,610	1.8720
355 Poles & Fixtures	510,947,000	12,489,588	(3,208,930)	9,280,658	1.8164
356 OH Conductors	292,003,191	9,036,915	(1,833,885)	7,203,030	2.4668
357 UG Conduit	8,364,073	152,059	(52,529)	9,529	1.1900
358 UG Conductors	14,114,024	352,794	(88,641)	264,153	1.8716
	939,298,510	24,878,112	(5,899,132)	18,978,980	2.0205
<b><u>Distribution Lines &amp; Other</u></b>					
364 Poles & Fixtures	264,701,652	12,572,270	(2,846,508)	9,725,761	3.6742
365 OH Conductors	300,243,500	11,151,944	(3,228,713)	7,923,231	2.6389
366 UG Conduit	181,776,629	3,635,533	(1,954,762)	1,680,771	0.9246
367 UG Conductor	767,317,227	17,538,570	(8,251,459)	9,287,111	1.2103
368 Line Transformers	327,548,346	9,212,297	(2,773,326)	6,438,971	1.9658
368 Capacitors	17,407,757	696,241	(147,390)	548,851	3.1529
369 OH Service	67,769,456	2,287,219	(573,799)	1,713,420	2.5283
369 UG Service	167,943,280	5,668,086	(1,421,963)	4,246,123	2.5283

370 Meters	88,067,573	5,871,201	(745,661)	5,125,540	5.8200
370 Meters - Old	14,879,820	743,991	(125,986)	618,005	4.1533
	<u>\$683,616,232</u>	<u>\$69,377,351</u>	<u>\$(22,069,568)</u>	<u>\$47,307,783</u>	<u>2.7341</u>

Total Transmission & Distribution \$94,255,463 \$(27,968,699) \$66,286,763

Note: The total settlement depreciation change is not jurisdictionalized as it was in the Settlement Agreement.

The depreciation expense change in the Settlement Agreement was subtracted from the current depreciation expense to arrive at an adjusted depreciation expense. This adjusted depreciation expense was divided by the plant balance to determine the depreciation rates that resulted from the Settlement Agreement. The Settlement Agreement expense reduction was determined at a fairly high level, not based on specific life or net salvage rate changes. The Settlement Agreement depreciation expense reduction also assumed that the actual to theoretical reserve surplus was spread over the average remaining life method of the transmission and distribution line assets.

### C. Major Future Additions and Retirements

Minn. R. 7825.0700, subp. 2B states that each utility shall provide, with the petition for certification, a list of major future additions or retirements to the plant accounts the utility believes may have a material impact on the current certification results. The Company does not anticipate at this time any major future addition or retirement in the Electric, Gas, or Common Utility plant accounts that would materially affect the depreciation rates recommended in this study. While there are large additions planned (for example, transmission for the CapX2020 investments), the assets being installed should follow the lives established for the current assets, as the type and nature does not differ between the existing and the new assets.

The absence of clearly identifiable major future additions or retirements means ongoing future additions and retirements influence life and salvage estimates, but usually do not result in dramatic changes. Rather, these additions and retirements indicate gradual changes in the life characteristics of the equipment in the account. In those cases, where ongoing additions and retirements are believed to influence the life and salvage estimates, these effects have been discussed in the individual account analyses.

### D. Summary of the Study

The Study that supports this petition was done by Alliance Consulting Group and is attached as Schedule D. Overall depreciation lives are lengthening and net salvage



rates are becoming more negative due to increasing removal costs and decreasing gross salvage. Many of the schedules directly attached to this petition are also included in more detail as part of the depreciation Study, but were extracted and summarized for easier reference. Specifically:

- Schedule A shows, by FERC account, the proposed average service life, net salvage rate, Iowa curve (where applicable), and depreciation rate.
- Schedule B compares the current approved lives (Docket E,G002/D-07-1528) and rates resulting from the Settlement Agreement (for electric utility only) to the proposed lives and rates. This schedule for the proposed rates also compares the difference in depreciation rates between proposed ASL rate (which is the annual rate based on life and net salvage only) and proposed ARL rate (which adjusts the annual rate to eliminate the actual to theoretical reserve difference over the remaining lives of the asset group). Although the Company shows both proposed rates, we are requesting approval of only the average remaining life rates. The difference between the two proposed rates is important as it represents the change in depreciation rate to eliminate the reserve surplus (over the remaining life of the property group).
- Schedule C shows the comparison in expected depreciation expense from current to proposed rates as well as the expense comparison for the difference between the proposed ASL rate and the proposed ARL rate. The schedule also shows the calculation of the actual to theoretical reserve surplus (or deficit for some individual accounts) and the amortization of this reserve difference over the average remaining life for each FERC account. The amortization of the reserve difference equals the difference in expense between the proposed ASL and proposed ARL which demonstrates the inclusion of the amortization of the actual to theoretical reserve difference in the proposed ARL rate.

For life and net salvage analysis, the Study used total Company results. After selecting life and net salvage parameters, those depreciation parameters were applied to the total Company plant and reserve balances based on Commission-approved depreciation rates for transmission and general plant. Plant located within the State of Minnesota and corresponding reserve balances based on Commission-approved depreciation rates were used for electric and gas distribution plant. All annual accrual rates were determined using the straight line, broad group, remaining life depreciation system.

1. *Net Changes in Depreciation Rates*

Depending on the historical records for the different asset groups the analysis involved actuarial, semi-actuarial, and judgment methods. In addition, the switch from ASL to ARL allows the actual to theoretical reserve differences to be amortized over the ARL. Thus, the proposed depreciation rates, when compared to the present depreciation rates (as defined earlier) translate into an annual depreciation expense reduction of \$1,500,813, based on beginning 2012 plant levels. This overall reduction is broken down by utility as follows:

	<u>Estimated Change to Depreciation</u>
Electric Utility	\$1,623,140
Gas Utility	(3,790,556)
Common Utility	<u>666,603</u>
Total Estimated Impact	<u><u>\$(1,500,813)</u></u>

## 2. *Proposed Changes in Service Lives*

The Study provides detailed information on the proposed changes in lives and the justification for those changes. In summary, for electric transmission, distribution and general plant depreciable accounts, the lives of all but one account would be longer. There are 17 accounts, 16 that have increasing lives and one account was unchanged. The account with the greatest change in life is FERC Account 352 Transmission Structures & Improvements for transmission, for which the Study recommends a 23 year longer life.

For electric vintage group plant, there are 20 accounts. Most amortization periods remain the same, with amortization lives increased for FERC Account 391 General Office Furniture & Equipment, FERC Account 392 General Transportation Equipment (various subaccounts), and FERC Account 396 General Power Operated Equipment.

For gas transmission, distribution and general plant depreciable accounts, the Study recommends the lives of all but one account moved longer. There are 11 accounts, seven that have increasing lives, one account has a shorter life and three accounts were unchanged. The account with the greatest change in life is FERC Account 367 Transmission Mains, for which the Study recommends a 30 year longer life.

For gas vintage group plant, there are 18 accounts. Most amortization periods remain the same, with amortization lives increased for FERC Account 391 General Office Furniture and Equipment, FERC Account 392 Transportation Equipment (all subaccounts), and FERC Account 396 General Power Operated Equipment.

For common plant, there are 19 accounts, including two depreciable accounts and 17 amortized accounts of which there are four intangible accounts and 13 general plant accounts. The Study recommends the life for FERC Account 390 Structures & Improvements be longer and the vintage group accounts reflect the same changes in life used for gas and electric plant.

### 3. *Changes in Net Salvage Rate*

The Study provides detailed information on the proposed changes in net salvage rates and the justification for those changes. In summary, for electric transmission, distribution and general plant depreciable accounts, there is a trend toward higher negative net salvage, with 10 accounts increasing their negative net salvage (i.e., more negative), and five accounts remaining unchanged. The account with the largest increase in negative net salvage is FERC Account 369 Distribution Services - Overhead for electric distribution where the net salvage moved from negative 35 percent to a negative 70 percent.

For electric vintage group plant, there are 20 accounts. Net salvage became negative for two accounts: FERC Account 368 Distribution Line Transformers and FERC Account 368 Distribution Line Capacitors for electric distribution. For FERC Accounts 392 Transportation Equipment (various subaccounts) and FERC Account 396 Power Operated Equipment, net salvage moved to zero percent.

For the 11 gas transmission, distribution and general plant depreciable accounts, the proposed changes in salvage rates are more varied, with four accounts increasing their negative net salvage (i.e., more negative), three accounts decreasing their negative net salvage (i.e., less negative), and four accounts remaining unchanged. The account with the greatest change in net salvage is FERC Account 379 Measure & Regulating Station Equipment for gas distribution, where the net salvage moved from negative 25 percent to a negative 2 percent.

For gas vintage group plant, there are 18 accounts. Net salvage became less negative for one account; FERC Account 381 Distribution Meters for gas distribution. For FERC Account 392 Transportation Equipment (all subaccounts), FERC Account 396 Power Operated Equipment and FERC Account 383 House Regulators for gas distribution, net salvage moved to zero percent.

For common plant, the net salvage for FERC Account 390 Structures & Improvements moved from zero to negative 20 percent. The common plant vintage group accounts reflect the same changes in net salvage used for gas and electric plant.

## E. Theoretical Reserve Analysis

A comparison of actual reserve to theoretical reserve is a gauge the Company and Commission use to review whether the accumulated depreciation is reasonable given all that has occurred in the past and all that is expected to occur in the future. As stated, actual reserves are based on historical rates and lives, whereas the theoretical reserve is based on the current assumptions applied as if they had been in place from the beginning of an asset's useful life. A difference in the reserve amounts does not, by itself, infer an issue that needs correcting. A future change – such as an increase in removal or negative salvage costs – could cause the difference between the actual and theoretical reserves to narrow in the future, or even go negative. Under the average service life methodology approved in prior dockets for use with transmission, distribution and general assets, differences between the actual and theoretical reserves have existed. Regardless of whether an account had a surplus or deficit, only 100% of the original cost plus net salvage can be depreciated. The current difference between the actual and theoretical reserve is approximately \$358 million across the utilities (electric, gas, and common).

During the Company's last rate case, concern was raised by certain parties over the size of the depreciation reserve surplus. In the test year depreciation adjustment proposed in the Settlement Agreement and approved by the Commission, the Company included an assumption that a portion of the reduction was due to the amortization of the reserve difference over the remaining lives of the functional group of assets. Furthermore, amortization rates were updated to reflect any imbalance between actual and theoretical reserves. Similarly, depreciation rates were adjusted to allow those imbalances to be eliminated over the remaining lives of the asset groups. This five year depreciation certification filing is the first time the Company is proposing this methodology for the gas and common utility assets.

The following table shows the estimated reserve difference by utility, the average remaining life, and the resulting annual amortization of the difference.

	Theoretical to Actual Reserve Difference	Average Remaining Life	Annual Reserve Difference over Remaining Life
Electric Utility	\$316,973,655	33.47	\$(9,470,972)
Gas Utility	46,921,590	22.15	(2,118,484)

Common	<u>(5,663,658)</u>	5.85	<u>967,940</u>
Total Estimated Impact	<u>\$358,231,588</u>		<u>\$(10,621,516)</u>

The Company recommends that this process be applied to all transmission, distribution and common assets in this filing. The overall change to depreciation based on changing lives and net salvage rates is an increase of \$9,120,703, offset by the amortization of an overall reserve surplus of a negative \$10,621,516. The two changes together total the decrease in expense of \$1,500,813.

	Change in Life and Net Salvage Rate	Actual to Theoretical Difference Amortization	Proposed Change in Accrual
Electric Utility	\$11,094,112	\$(9,470,972)	\$1,623,140
Gas Utility	(1,672,072)	(2,118,484)	(3,790,556)
Common Utility	(301,337)	967,940	666,603
Total Estimated Impact	<u>\$9,120,703</u>	<u>\$(10,621,516)</u>	<u>\$(1,500,813)</u>

Amortizing the reserve margins in this manner is consistent with Commission rules requiring any change in depreciation costs be reflected using straight-line depreciation over the remaining useful lives of the assets. More specifically, Minn. R. 7825.0900 establishes straight line depreciation as the appropriate depreciation methodology:

The commission prescribes the straight-line method for calculating depreciation ... Any exceptions to these methods will require specific justification and certification by the commission.

Minn. R. 7825.0500, subp. 14 defines straight-line depreciation as follows:

“Straight-line method” means the plan under which the original cost of an asset adjusted for net salvage is charged to operating expenses and/or to clearing accounts and credited to the accumulated provision for depreciation *through equal annual charges over its probable service life.* (Emphasis added.)

Consistent with this rule, the Company proposes that any changes in depreciation, including amortization of reserves, be reflected in equal annual charges over the useful lives of the assets.

## **F. Reallocation of Reserves Within Functional Class**

In addition to the inclusion of the amortization of reserve differences over the remaining life factored into the change from an ASL rate to an ARL rate, the Company recommends a reallocation of the depreciation reserve within each functional class. Based on the theoretical reserve by FERC account within a functional class, the Company directed Alliance Consulting to reallocate the actual reserve total for each functional class. Basically, a factor was created by dividing the actual reserve as of January 1, 2012 for a functional class by the total theoretical reserve for that functional class. This factor was then applied to theoretical reserve by FERC account to realign the actual reserve within the functional class. Since the depreciation reserve was originally maintained at functional class but was allocated to FERC account sometime in the distant past, a reallocation rebalances the actual reserve where one account is in surplus and another is in deficit. The reallocation does not change the overall actual to theoretical reserve difference for a functional class; it just redistributes it more equitably among the FERC accounts within a functional class. The reallocation of the actual reserve is shown in Schedule E.

## **G. Asset Retirement Obligation**

The implementation of *ASC 410 - Accounting for Asset Retirement and Environmental Obligations* (ARO) in January 2003 brought changes to the accrual accounting for decommissioning; however no AROs were recognized for the assets presented in this Study. The updates to *ASC 410* in March 2005 changed the interpretation of the conditionality of an ARO. This has resulted in some additional accounting analysis for many of the fixed assets at Xcel Energy.

Transmission, distribution, and general property are areas where investigation is done annually to determine if potential AROs exist with associated legal obligations resulting from contracts, law, and statutes or by legal construction of a contract under the doctrine of promissory estoppel. An inventory of operation managers was taken, and no AROs were identified that were created through the doctrine of promissory estoppel.

The Company has determined the necessity of recording AROs associated with electric and gas transmission, distribution, and general property that are components of the system. Within the distribution property analysis there were numerous small obligations and in the general structures area the Company recorded an ARO associated with asbestos mainly in the General Office at 414 Nicollet Mall, Minneapolis. This obligation has decreased since initial recognition due to the decision to retire and remove the asbestos from the General Office. The Company

continues to investigate and record AROs as necessary for assets included in this filing. Schedule I, *ARO Account Balance* has been included for informational purposes.

## **H. Reasonableness of New Rates**

Based on the above, the Company respectfully requests the Commission to approve: (1) the 2012 Transmission, Distribution and General Depreciation Five Year Study; (2) a change from Average Service Lives to Average Remaining Lives method, which allows an automatic true-up of differences between the theoretical and actual reserve margins over the remaining lives of the assets.; and (3) implementation of the new depreciation rates and lives effective January 1, 2013. The Study results are reasonable and merit Commission approval because: (1) they better reflect the useful lives of our assets; (2) they better reflect the expected costs of removal; and (3) the change to Average Remaining Lives will establish rates which more accurately reflect depreciation expenses over the remaining lives of the assets.

### *1. The extended useful lives of Company assets are reasonable and warranted*

As more fully explained in the Study,<sup>4</sup> based on extensive data collection and verification processes, combined with the actuarial analysis and evaluation, it was determined that all but a few of the existing approved lives were less than currently projected. A fundamental purpose of depreciation is to recover investment in an asset over the useful life of the asset. Therefore, it is appropriate to change the current approved lives to reflect the change in lives supported by the Study. The Commission approved Settlement Agreement adjusted depreciation expense in part based on the Company's belief that the then approved lives were, in the aggregate, shorter than appropriate. The Study verifies that belief.

### *2. The increased expected costs of removal are reflective of new requirements*

At the time an asset is retired, it is generally necessary to remove the asset. The cost of removal is treated as a part of the depreciation expense. Over time, the cost of removal has increased beyond just the effect of inflation because environmental requirements require special treatment for many assets during retirement. This includes protecting the environment during deconstruction and removal, and proper disposal of the materials. The negative salvage rates recommended in the Study appropriately reflect the projected higher costs of future removal.

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<sup>4</sup> See Depreciation Study Process at Pg. 20-21.

3. *The Average Remaining Lives and true-up depreciation method will result in more accurate rates*

As noted, during the Company's last electric rate case, concern was raised by certain parties over the size of the depreciation reserve surplus. The \$25.5 million depreciation adjustment in the Settlement Agreement addressed that concern by amortizing the reserve surplus over the remaining lives of the electrical assets. Consistent with that approach, the Study applies that same methodology to all of our utility assets. The elimination of the reserve surplus or deficit over the remaining lives of the assets is essentially the same method we have been using for production plant and is consistent with Commission rules requiring use of straight line depreciation.

**I. Proposal for Future ARL Filings**

This filing is being submitted under Minn. R. 7825.0700, which requires the Company to file a petition for depreciation certification every five years. Historically, the Commission's five year depreciation certification order would be effective as of January 1 immediately following the certification petition filing. For example, the depreciation rates certified in the Company's 2007 five year certification docket (filed in October 2007) were made effective January 1, 2008. Similarly, the Company is proposing that the revised depreciation rates and net salvage rates and the change to an ARL method (with amortization of the reserve balance) be effective January 1, 2013.

In contrast, pursuant to Minn. R. 7825.0600, the Company submits an annual remaining lives filing (usually in February to be effective the prior January 1). The purpose of these annual reviews is to reflect any changes in remaining lives that occur between the five year studies.

By changing to an ARL method for electric and gas transmission, distribution and common plant, the Company anticipates the need for a separate annual remaining lives petition to adjust as necessary the remaining lives for these non-production assets. The Company proposes that these studies be submitted annually on approximately July 31 (with the first filing being made on July 31, 2014 with rates effective January 1, 2014). The Company would continue to file a comprehensive depreciation certification study at least every five years, as required by Minn. R. 7825.0700. For example, the next five-year study would be filed by July 31, 2017.

Since the depreciation methods proposed in this five year certification are proposed to be effective January 1, 2013, the Company would not submit a remaining lives analysis for electric and natural gas transmission, distribution and common assets until July



2014 with new rates from that filing taking effect January 1, 2014. (The Company would, however, submit a remaining lives analysis for production plant in February 2013.)

The Company believes this proposed process would be consistent with the Commission's requirements for five-year certification petitions and annual remaining lives petitions.

## **VI. ATTACHED SCHEDULES**

The following schedules have been included for satisfaction of filing requirements and for additional support to the recommended changes:

<u>Schedule</u>	
A	Proposed Depreciation Lives, and Rates
B	Comparison of Present and Proposed Depreciation Lives and Rates
C	Comparison of Present and Proposed Depreciation Expense
D	Depreciation Study by Alliance Consulting Group
E	Plant In-service
F	Accumulated Depreciation
G	Annual Depreciation Accrual Determination
H	Reserve Reallocation
I	ARO Account Balance

## **VII. EFFECT OF CHANGE UPON XCEL ENERGY REVENUE**

Approval of this petition will have no effect on Xcel Energy's 2012 revenue, since the changes are proposed to be effective January 1, 2013. The net impact on annual depreciation expense for the new proposed rates in 2013 will be an approximate decrease in depreciation expense of \$1.5 million.

### **CONCLUSION**

The depreciation study proposes changes in the service lives and net salvage that better reflect actual operating expectations and environmental requirements. The Petition also requests a modification in the average service life methodology to incorporate use of the average remaining life methodology, allowing an automatic true-up of differences between the theoretical and actual reserve margins over the remaining lives of the

assets. Each of these changes is reasonable, and consistent with the public interest. The Company requests the effective date for this change to be January 1, 2013.

Dated: July 31, 2012

Northern States Power Company

Respectfully submitted by:

/s/

LISA PERKETT  
DIRECTOR  
CAPITAL ASSET ACCOUNTING

STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger	Chair
Phyllis A. Reha	Commissioner
David C. Boyd	Commissioner
J. Dennis O'Brien	Commissioner
Betsy Wergin	Commissioner

IN THE MATTER OF THE PETITION OF  
NORTHERN STATES POWER COMPANY  
FOR CERTIFICATION OF ITS FIVE-YEAR  
TRANSMISSION, DISTRIBUTION, AND  
GENERAL DEPRECIATION STUDY

DOCKET NO. E,G002/D-12-\_\_\_

**PETITION**

**SUMMARY OF FILING**

Please take notice that on July 31, 2012, Northern States Power Company, doing business as Xcel Energy, filed with the Minnesota Public Utilities Commission a Petition requesting approval of its proposed changes to depreciation lives and rates for Transmission, Distribution, and General Plant. The proposed changes include life extensions and higher removal costs for several assets. The Petition also requests a change from the use of an average service life methodology to an average remaining life methodology, with amortization of depreciation reserves. In the aggregate, these changes reduce the Company's present depreciation costs by approximately \$1.5 million. The changes are proposed to be effective January 1, 2013.

FERC Account	Account Description	(Note)	Proposed					
			Average Service Life	Average Remaining Life	Curve	Net Salvage	Annual Rate (ASL)	Annual Rate (ARL)
			(a)	(b)	(c)	(d)	(e=(100-d)/a)	(f)
<b>Intangible</b>								
303	Computer Software - 5 year	(1)	5	2.72	n/a	0	20.00	18.99
<b>Transmission</b>								
352	Structures & Improvements		68	52.67	R5	0	1.47	1.28
353	Station Equipment		56	44.73	R2	-10	1.96	1.73
354	Towers & Fixtures		70	41.30	R4	-35	1.93	1.32
355	Poles & Fixtures		62	54.12	R2	-35	2.18	2.03
356	Overhead Conductor & Devices		63	52.23	R1	-30	2.06	1.86
357	Underground Conduit		73	57.58	R4	0	1.37	1.20
358	Underground Conductor & Devices		55	45.84	R2	0	1.82	1.65
<b>Distribution</b>								
361	Structures & Improvements		60	40.91	R3	-30	2.17	2.06
362	Station Equipment		55	41.94	R1.5	-20	2.18	2.11
364	Poles, Towers & Fixtures		44	32.14	R1	-100	4.55	4.37
365	Overhead Conductor & Devices		39	30.63	L0	-20	3.08	2.99
366	Underground Conduit		52	38.55	R3	-10	2.12	2.04
367	Underground Conductor & Devices		45	32.09	R2.5	0	2.22	2.13
368	Line Transformers	(1)	32	18.76	(3)	-5	3.28	2.94
368	Line Capacitors	(1)	25	10.76	(3)	-10	4.40	3.96
369	Services - Overhead		40	24.74	R1.5	-70	4.25	3.97
369	Services - Underground		41	24.68	R4	-5	2.56	2.38
370	Meters	(1)	15	5.65	(3)	0	6.67	5.86
370	Meters - Old	(2)	20	0.00	(3)	0	5.00	0.00
373	Street Light & Signal Systems		29	22.15	L0	-35	4.66	4.50
<b>General</b>								
390	Structures & Improvements		57	37.84	R1.5	-20	2.11	1.97
391	Office Furniture & Equipment	(1)	20	12.75	(3)	0	5.00	4.83
391	Network Equipment	(1)	4	1.86	(3)	0	25.00	23.28
392	Transportation Equipment - Automobiles	(1)	10	7.72	(3)	0	10.00	9.82
392	Transportation Equipment - Light Trucks	(1)	12	8.46	(3)	0	8.33	8.12
392	Transportation Equipment - Trailers	(1)	15	12.72	(3)	0	6.67	6.59
392	Transportation Equipment - Heavy Trucks	(1)	14	10.83	(3)	0	7.14	7.02
393	Stores Equipment	(1)	20	13.02	(3)	0	5.00	4.84
394	Tools, Shop & Garage Equipment	(1)	15	9.92	(3)	0	6.67	6.46
395	Laboratory Equipment	(1)	10	4.86	(3)	0	10.00	9.36
396	Power Operated Equipment	(1)	12	9.83	(3)	0	8.33	8.22
397	Communication Equipment	(1)	9	5.88	(3)	0	11.11	10.76
397	Communication Equipment - Two Way	(1)	9	5.59	(3)	0	11.11	10.70
397	Communication Equipment - EMS	(1)	15	10.87	(3)	0	6.67	6.51
397	Communication Equipment - AMR	(1)	15	10.32	(3)	0	6.67	6.49
398	Miscellaneous Equipment	(1)	15	7.62	(3)	0	6.67	6.28

(1): Plant Balance for vintage group (amortized) assets is for the vintages as of 1/1/2012 that are not fully depreciated.  
(2): This account is fully depreciated at in 2012  
(3): Vintage Group accounts do not have an Iowa Curve assigned.

FERC Account	Account Description	(Note)	Proposed					
			Average Life	Average Remaining Life	Curve	Net Salvage	Annual Rate (ASL)	Annual Rate (ARL)
			(a)	(b)	(c)	(d)	(e)=(100-d)/a	(f)
<b>Intangible</b>								
303	Computer Software - 5 year	(1)	5	3.78	(3)	0	20.00	19.39
<b>Transmission</b>								
366	Structures & Improvements		52	33.83	R3	-5	2.02	1.25
367	Mains		75	61.52	R2.5	-15	1.53	1.24
369	Measure & Regulating Station Equipment		33	25.03	R1.5	-30	3.94	2.89
<b>Distribution</b>								
375	Structures & Improvements		41	18.19	R5	0	2.44	2.18
376	Mains - Metallic		51	32.54	R1.5	-20	2.35	2.20
376	Mains - Plastic		45	33.03	R2.5	-15	2.56	2.45
378	Measure & Regulating Station Equipment - General		38	25.90	R0.5	-25	3.29	3.12
379	Measure & Regulating Station Equipment - City Gate		38	33.73	R0.5	-2	2.68	2.65
380	Services - Metallic		40	12.00	S3	-40	3.50	2.58
380	Services - Plastic		39	25.95	R2.5	-30	3.33	3.15
381	Meters	(1)	20	8.77	(3)	-3	5.15	4.60
381	Meters - Telemetry	(2)	8	(2)	(3)	0	12.50	0.00
383	House Regulators	(1)	20	1.72	(3)	0	5.00	1.53
<b>General</b>								
390	Structures & Improvements		55	48.03	R1.5	-20	2.18	2.14
391	Office Furniture & Equipment	(1)	20	15.23	(3)	0	5.00	4.85
391	Network Equipment	(1)	4	2.84	(3)	0	25.00	24.04
392	Transportation Equipment - Automobiles	(1)	10	2.56	(3)	0	10.00	7.26
392	Transportation Equipment - Light Trucks	(1)	12	8.54	(3)	0	8.33	8.02
392	Transportation Equipment - Trailers	(1)	15	10.74	(3)	0	6.67	6.42
392	Transportation Equipment - Heavy Trucks	(1)	14	10.10	(3)	0	7.14	6.88
393	Stores Equipment	(1)	20	19.50	(3)	0	5.00	4.99
394	Tools, Shop & Garage Equipment	(1)	15	7.05	(3)	0	6.67	5.96
395	Laboratory Equipment	(4)	10	(4)	(3)	0	10.00	10.00
396	Power Operated Equipment	(1)	12	8.30	(3)	0	8.33	7.98
397	Communication Equipment	(1)	9	5.56	(3)	0	11.11	10.46
397	Communication Equipment - EMS	(1)	15	11.71	(3)	0	6.67	6.49
397	Communication Equipment - AMR	(1)	15	9.40	(3)	0	6.67	6.29
398	Miscellaneous Equipment	(1)	15	5.62	(3)	0	6.67	5.62

- (1): Plant Balance for vintage group (amortized) assets is for the vintages as of 1/1/2012 that are not fully depreciated.  
(2): This account is fully depreciated at in 2012  
(3): Vintage Group accounts do not have an Iowa Curve assigned.  
(4): As of 1/1/2012 there was zero plant balance in this FERC Account.

FERC Account	Account Description	(Note)	Proposed					
			Average Life	Average Remaining Life	Curve	Net Salvage	Annual Rate (ASL)	Annual Rate (ARL)
			(a)	(b)	(c)	(d)	(e=(100-d)/a)	(f)
<b>Intangible</b>								
303	Computer Software - 3 year	(1)	3	0.00	(3)	0	33.33	33.33
303	Computer Software - 5 year	(1)	5	2.94	(3)	0	20.00	20.75
303	Computer Software - 7 year	(1)	7	0.50	(3)	0	14.29	14.29
303	Computer Software - 10 year	(1)	10	3.50	(3)	0	10.00	10.99
<b>General</b>								
390	Structures & Improvements	(1)	55	44.19	R1.5	-20	2.18	2.23
390	Structures & Improvements - Leased	(1)	10	5.50	SQ	0	10.00	10.73
391	Office Furniture & Equipment	(1)	20	9.14	(3)	0	5.00	5.32
391	Network Equipment	(1)	4	2.32	(3)	0	25.00	25.97
392	Transportation Equipment - Automobiles	(1)	10	6.89	(3)	0	10.00	10.24
392	Transportation Equipment - Light Trucks	(1)	12	5.93	(3)	0	8.33	8.79
392	Transportation Equipment - Trailers	(1)	15	10.46	(3)	0	6.67	6.82
392	Transportation Equipment - Heavy Trucks	(1)	14	8.54	(3)	0	7.14	7.39
393	Stores Equipment	(1)	20	18.15	(3)	0	5.00	5.03
394	Tools, Shop & Garage Equipment	(1)	15	10.13	(3)	0	6.67	6.84
395	Laboratory Equipment	(1)	10	2.50	(3)	0	10.00	11.61
396	Power Operated Equipment	(1)	12	8.08	(3)	0	8.33	8.55
397	Communication Equipment	(1)	9	3.87	(3)	0	11.11	11.90
397	Communication Equipment - Two Way	(1)	9	3.47	(3)	0	11.11	12.06
398	Miscellaneous Equipment	(1)	15	6.01	(3)	0	6.67	7.20

(1): Plant Balance for vintage group (amortized) assets is for the vintages as of 1/1/2012 that are not fully depreciated.  
(2): This account is fully depreciated at in 2012  
(3): Vintage Group accounts do not have an Iowa Curve assigned.

Northern States Power Company  
Proposed Lives, Net Salvage Rates, and Depreciation Rates

Electric Utility

FERC Account	Account Description	As approved in Docket No. E,G002/D-07-1528				As Settled in Docket No. E002/GR-10-971	Proposed					Proposed to Approved Comparison			
		Average Service Life	Curve	Net Salvage	Annual Rate (ASL)	Annual Rate	Average Service Life	Average Remaining Life	Curve	Net Salvage	Annual Rate (ASL)	Annual Rate (ARL)	Average Service Life	Net Salvage	Annual Rate
		(a)	(b)	(c)	(d) = (100 - (c))/(a)	(d)	(e)	(f)	(g)	(h)	(i) = (100 - (h))/(e)	(j)	(k) = (e) - (a)	(l) = (h) - (c)	(m) = (j) - (d)
Intangible															
303	Computer Software - 5 year	5	n/a	0	20.00		5	2.72	n/a	0	20.00	18.99	0	0	-1.01
Transmission															
352	Structures & Improvements	45	S1	0	2.22		68	52.67	R5	0	1.47	1.28	23	0	-0.94
353	Station Equipment	38	SC	0	2.63		56	44.73	R2	-10	1.96	1.73	18	-10	-0.90
354	Towers & Fixtures	50	R4	-25	2.50	1.87	70	41.30	R4	-35	1.93	1.32	20	-10	-0.55
355	Poles & Fixtures	45	R1.5	-10	2.44	1.82	62	54.12	R2	-35	2.18	2.03	17	-25	0.21
356	Overhead Conductor & Devices	42	L1	-30	3.10	2.47	63	52.23	R1	-30	2.06	1.86	21	0	-0.60
357	Underground Conduit	55	L1.5	0	1.82	1.19	73	57.58	R4	0	1.37	1.20	18	0	0.01
358	Underground Conductor & Devices	40	L1	0	2.50	1.87	55	45.84	R2	0	1.82	1.65	15	0	-0.22
Distribution - Minnesota Only															
361	Structures & Improvements	45	R1	-30	2.89		60	40.91	R3	-30	2.17	2.06	15	0	-0.83
362	Station Equipment	38	R1	-10	2.89		55	41.94	R1.5	-20	2.18	2.11	17	-10	-0.78
364	Poles, Towers & Fixtures	40	R1.5	-90	4.75	3.67	44	32.14	R1	-100	4.55	4.37	4	-10	0.69
365	Overhead Conductor & Devices	35	R1	-30	3.71	2.64	39	30.63	L0	-20	3.08	2.99	4	10	0.35
366	Underground Conduit	50	R3	0	2.00	0.92	52	38.55	R3	-10	2.12	2.04	2	-10	1.11
367	Underground Conductor & Devices	35	R2	20	2.29	1.21	45	32.09	R2.5	0	2.22	2.13	10	-20	0.92
368	Line Transformers	32	n/a	10	2.81	1.97	32	18.76	n/a	-5	3.28	2.94	0	-15	0.98
368	Line Capacitors	25	n/a	0	4.00	3.15	25	10.76	n/a	-10	4.40	3.96	0	-10	0.81
369	Services - Overhead	40	R2.5	-35	3.38	2.53	40	24.74	R1.5	-70	4.25	3.97	0	-35	1.44
369	Services - Underground	40	R2.5	-35	3.38	2.53	41	24.68	R4	-5	2.56	2.38	1	30	-0.15
370	Meters	15	n/a	0	6.67	5.82	15	5.65	n/a	0	6.67	5.86	0	0	0.04
370	Meters - Old	20	n/a	0	5.00	4.15	20	0.00	n/a	0	5.00	0.00	0	0	-4.15
373	Street Light & Signal Systems	25	L5	-20	4.80		29	22.15	L0	-35	4.66	4.50	4	-15	-0.30

Electric Utility

FERC Account	Account Description	As approved in Docket No. E,G002/D-07-1528				As Settled in Docket No. E002/GR-10-971	Proposed					Proposed to Approved Comparison			
		Average Service Life	Curve	Net Salvage	Annual Rate (ASL)	Annual Rate	Average Service Life	Average Remaining Life	Curve	Net Salvage	Annual Rate (ASL)	Annual Rate (ARL)	Average Service Life	Net Salvage	Annual Rate
		(a)	(b)	(c)	(d) = (100 - (c))/(a)	(d)	(e)	(f)	(g)	(h)	(i) = (100 - (h))/(e)	(j)	(k) = (e) - (a)	(l) = (h) - (c)	(m) = (j) - (d)
General															
390	Structures & Improvements	45	R1	0	2.22		57	37.84	R1.5	-20	2.11	1.97	12	-20	-0.25
391	Office Furniture & Equipment	18	n/a	0	5.56		20	12.75	n/a	0	5.00	4.83	2	0	-0.73
391	Network Equipment	4	n/a	0	25.00		4	1.86	n/a	0	25.00	23.28	0	0	-1.72
392	Transportation Equipment - Automobiles	5	n/a	10	18.00		10	7.72	n/a	0	10.00	9.82	5	-10	-8.18
392	Transportation Equipment - Light Trucks	10	n/a	10	9.00		12	8.46	n/a	0	8.33	8.12	2	-10	-0.88
392	Transportation Equipment - Trailers	10	n/a	10	9.00		15	12.72	n/a	0	6.67	6.59	5	-10	-2.41
392	Transportation Equipment - Heavy Trucks	12	n/a	5	7.92		14	10.83	n/a	0	7.14	7.02	2	-5	-0.90
393	Stores Equipment	20	n/a	0	5.00		20	13.02	n/a	0	5.00	4.84	0	0	-0.16
394	Tools, Shop & Garage Equipment	15	n/a	0	6.67		15	9.92	n/a	0	6.67	6.46	0	0	-0.21
395	Laboratory Equipment	10	n/a	0	10.00		10	4.86	n/a	0	10.00	9.36	0	0	-0.64
396	Power Operated Equipment	10	n/a	10	9.00		12	9.83	n/a	0	8.33	8.22	2	-10	-0.78
397	Communication Equipment	9	n/a	0	11.11		9	5.88	n/a	0	11.11	10.76	0	0	-0.35
397	Communication Equipment - Two Way	9	n/a	0	11.11		9	5.59	n/a	0	11.11	10.70	0	0	-0.41
397	Communication Equipment - EMS	15	n/a	0	6.67		15	10.87	n/a	0	6.67	6.51	0	0	-0.16
397	Communication Equipment - AMR	15	n/a	0	6.67		15	10.32	n/a	0	6.67	6.49	0	0	-0.18
398	Miscellaneous Equipment	15	n/a	0	6.67		15	7.62	n/a	0	6.67	6.28	0	0	-0.39

Note: Vintage Group accounts do not have an Iowa Curve assigned.



Northern States Power Company  
Proposed Lives, Net Salvage Rates, and Depreciation Rates  
2010 Rate Case Settlement Depreciation Adjustments

Electric Utility

	Rem. Life (Yrs)	Net Salv %	Present Depreciation Expense	Rem. Life (Yrs)	Net Salv %	Proposed Depreciation Expense	Proposed Less Present Expense	
Other Production (+10 years)								
High Bridge	27.4	-3.1	13,685,139	37.4	-3.1	10,026,011	(3,659,128)	
Riverside	28.2	-5.0	10,104,144	38.2	-5.0	7,459,080	(2,645,064)	
Total			\$ 23,789,283			\$ 17,485,091	\$ (6,304,192)	
			<u>Functional Total</u>					
	Jurisdictional %		74.16%			(2,713,547.20)		
Jurisdictional Change to Other Prod Depreciation Expense			(4,675,082)			(1,961,534.42)		
	Depr. Rate (%)		Present Depreciation Expense	Depr. Rate (%)		Proposed Depreciation Expense	Proposed Less Present Expense	
Transmission - Lines	2.6471		24,814,224	2.0178		18,915,093	(5,899,132)	
Distribution - Lines (MN only)	2.9618		44,958,192	1.8892		28,676,749	(16,281,442)	
Distribution - Other (MN only)	3.5764		24,174,531	2.7201		18,386,406	(5,788,125)	
Total			\$ 69,132,723			\$ 47,063,155	\$ (22,069,568)	
			<u>Functional Total</u>					
	Jurisdictional %		74.16%					
Transmission Depreciation Expense			(4,374,696)					
Distribution Depreciation Expense			(22,069,568)					
Jurisdictional Change to T&D Depreciation Expense			\$ (26,444,263)					
			<u>2011 Total</u>			<u>Other Prod</u>	<u>Transmission</u>	<u>Distribution</u>
Total Jurisdictional Change to Depreciation Expense			\$ (31,119,345)			\$ (4,675,082)	\$ (4,374,696)	\$ (22,069,568)
Average Depreciation Reserve			(15,559,673)			(2,337,541)	(2,187,348)	(11,034,784)
Average Accumulated Deferred Taxes			6,358,756			955,280	893,901	4,509,574
Average Rate Base			9,200,917			1,382,260	1,293,447	6,525,210
Weighted Debt Cost			2.8700%			2.8700%	2.8700%	2.8700%
Debt Return			264,066			39,671	37,122	187,274
Weighted Equity Req			5.4500%			5.4500%	5.4500%	5.4500%
Equity Return			501,450			75,333	70,493	355,624
(t/(1-t))			0.705611			0.705611	0.705611	0.705611
Tax on Eq Return RR			353,829			53,156	49,741	250,932
Rate Base Revenue Requirement			1,119,345			168,160	157,355	793,830
Book Depreciation Expense			(31,119,345)			(4,675,082)	(4,374,696)	(22,069,568)
Total Revenue			(30,000,000)			(4,506,922)	(4,217,340)	(21,275,738)

Capital Structure	Rate	Ratio	Weighted Cost
Long Term Debt	6.0936%	46.8780%	2.8600%
Short Term Debt	2.4326%	0.5604%	0.0100%
Preferred Stock	0.0000%	0.0000%	0.0000%
Common Equity	10.3700%	52.5616%	5.4500%
<b>Required Rate of Return</b>			<b>8.3200%</b>
<b>Composite Income Tax Rates</b>			
State of Minnesota Tax rate			9.80%
Federal Statutory Tax rate		35.00%	
Federal Effective Tax Rate (1-State Rate*Fed Rate)			31.57%
<b>Total Minnesota Composite Tax Rate</b>			<b>41.37%</b>
<b>Total Corporate Composite Tax Rate</b>			<b>40.87%</b>
<b>MN Jurisdiction Demand</b>		<b>88.49%</b>	
<b>MN/WS Interchange Demand</b>		<b>83.80%</b>	
<b>Composit Demand Allocation Factor</b>		<b>74.16%</b>	

Northern States Power Company  
Proposed Lives, Net Salvage Rates, and Depreciation Rates  
2010 Rate Case Settlement Depreciation Rates

Electric Utility

Group	Plant Balance 1/1/2011	Rates Approved D-07-1528	Present Depreciation	Depreciation Adjustment From Settlement	Adjusted Depreciation	Settlement Approved Rates
	(a)	(b)	( c ) = (a)*(b)/100	(d)	(e) = ( c ) + (d)	(f) = (e)/(a)*100
Distribution Lines						
MN03-364000-Poles & Fixtures - MN	264,701,652	4.7496	12,572,270	(2,846,508)	9,725,761	3.6742
MN03-365000-OH Conductors - MN	300,243,500	3.7143	11,151,944	(3,228,713)	7,923,231	2.6389
MN03-366000-UG Conduit-MN	181,776,629	2.0000	3,635,533	(1,954,762)	1,680,771	0.9246
MN-367000-UG Conductor-MN	767,317,227	2.2857	17,538,570	(8,251,459)	9,287,111	1.2103
Total	1,514,039,008	2.9655	44,898,316	(16,281,442)	28,616,874	1.8901
			Settlement approved Depreciation Adjustment	(16,281,442)		
Distribution Other						
MN03-368000-Line Transformers-MN	327,548,346	2.8125	9,212,297	(2,773,326)	6,438,971	1.9658
MN03-368010-Capacitors-MN	17,407,757	3.9996	696,241	(147,390)	548,851	3.1529
MN03-369010-OH Service-MN	67,769,456	3.3750	2,287,219	(573,799)	1,713,420	2.5283
MN03-369020-UG Service-MN	167,943,280	3.3750	5,668,086	(1,421,963)	4,246,123	2.5283
MN03-370000-Meters-MN	88,067,573	6.6667	5,871,201	(745,661)	5,125,540	5.8200
MN03-370010-Meters-Old-MN	14,879,820	5.0000	743,991	(125,986)	618,005	4.1533
Total	683,616,232	3.5808	24,479,035	(5,788,125)	18,690,909	2.7341
			Settlement approved Depreciation Adjustment	(5,788,125)		
Transmission Lines						
MN02-354000-Towers & Fixtures	113,870,223	2.5000	2,846,756	(715,146)	2,131,610	1.8720
MN02-355000-Poles & Fixtures	510,947,000	2.4444	12,489,588	(3,208,930)	9,280,658	1.8164
MN02-356000-OH Conductors	292,003,191	3.0948	9,036,915	(1,833,885)	7,203,030	2.4668
MN02-357000-UG Conduit	8,364,073	1.8180	152,059	(52,529)	99,529	1.1900
MN02-358000-UG Conductors	14,114,024	2.4996	352,794	(88,641)	264,153	1.8716
Total	939,298,510	2.6486	24,878,112	(5,899,132)	18,978,980	2.0205
			Settlement approved Depreciation Adjustment	(5,899,132)		

Northern States Power Company  
Proposed Lives, Net Salvage Rates, and Depreciation Rates

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Gas Utility

FERC Account	Account Description	As approved in Docket No. E,G002/D-07-1528				Proposed						Proposed to Approved Comparison		
		Average Service Life	Curve	Net Salvage	Annual Rate (ASL)	Average Service Life	Average Remaining Life	Curve	Net Salvage	Annual Rate (ASI)	Annual Rate (ARI)	Annual Service Life	Net Salvage	Annual Rate
		(a)	(b)	(c)	(d) = (100 - (c))/(a)	(e)	(f)	(g)	(h)	(i) = (100 - (h))/(e)	(j)	(k) = (e) - (a)	(l) = (h) - (c)	(m) = (j) - (d)
<b>Intangible</b>														
303	Computer Software - 5 year	5	n/a	0	20.00	5	3.78	n/a	0	20.00	19.39	0	0	-0.61
<b>Transmission</b>														
366	Structures & Improvements	41	R5	0	2.44	52	33.83	R3	-5	2.02	1.25	11	-5	-1.19
367	Mains	45	R1.5	-30	2.89	75	61.52	R2.5	-15	1.53	1.24	30	15	-1.65
369	Measure & Regulating Station Equipment	31	S0.5	-25	4.03	33	25.03	R1.5	-30	3.94	2.89	2	-5	-1.14
<b>Distribution - Minnesota Only</b>														
375	Structures & Improvements	41	R5	0	2.44	41	18.19	R5	0	2.44	2.18	0	0	-0.26
376	Mains - Metallic	45	R1.5	-30	2.89	51	32.54	R1.5	-20	2.35	2.20	6	10	-0.69
376	Mains - Plastic	45	R3	-15	2.56	45	33.03	R2.5	-15	2.56	2.45	0	0	-0.11
378	Measure & Regulating Station Equipment - General	31	S0.5	-25	4.03	38	25.90	R0.5	-25	3.29	3.12	7	0	-0.91
379	Measure & Regulating Station Equipment - City Gate	31	S0.5	-25	4.03	38	33.73	R0.5	-2	2.68	2.65	7	23	-1.38
380	Services - Metallic	40	S3	-30	3.25	40	12.00	S3	-40	3.50	2.58	0	-10	-0.67
380	Services - Plastic	40	R3	-30	3.25	39	25.95	R25	-30	3.33	3.15	-1	0	-0.10
381	Meters	20	n/a	-15	5.75	20	8.77	n/a	-3	5.15	4.60	0	12	-1.15
381	Meters - Telemetering	8	n/a	0	12.50	8	0.00	n/a	0	12.50	0.00	0	0	-12.50
383	House Regulators	20	n/a	-10	5.50	20	1.72	n/a	0	5.00	1.53	0	10	-3.97

Northern States Power Company  
Proposed Lives, Net Salvage Rates, and Depreciation Rates

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Gas Utility

FERC Account	Account Description	As approved in Docket No. E,G002/D-07-1528				Proposed						Proposed to Approved Comparison		
		Average Service Life	Curve	Net Salvage	Annual Rate (ASL)	Average Service Life	Average Remaining Life	Curve	Net Salvage	Annual Rate (ASL)	Annual Rate (ARI)	Annual Service Life	Net Salvage	Annual Rate
		(a)	(b)	(c)	(d) = (100 - (c))/(a)	(e)	(f)	(g)	(h)	(i) = (100 - (h))/(e)	(j)	(k) = (e) - (a)	(l) = (h) - (c)	(m) = (j) - (d)
General														
390	Structures & Improvements	45	R1	0	2.22	55	48.03	R1.5	-20	2.18	2.14	10	-20	-0.08
391	Office Furniture & Equipment	18	n/a	0	5.56	20	12.53	n/a	0	5.00	4.85	2	0	-0.71
391	Network Equipment	4	n/a	0	25.00	4	2.84	n/a	0	25.00	24.04	0	0	-0.96
392	Transportation Equipment - Automobiles	5	n/a	10	18.00	10	2.56	n/a	0	10.00	7.26	5	-10	-10.74
392	Transportation Equipment - Light Trucks	10	n/a	10	9.00	12	8.54	n/a	0	8.33	8.02	2	-10	-0.98
392	Transportation Equipment - Trailers	10	n/a	10	9.00	15	10.74	n/a	0	6.67	6.42	5	-10	-2.58
392	Transportation Equipment - Heavy Trucks	12	n/a	5	7.92	14	10.10	n/a	0	7.14	6.88	2	-5	-1.04
393	Stores Equipment	20	n/a	0	5.00	20	19.50	n/a	0	5.00	4.99	0	0	-0.01
394	Tools, Shop & Garage Equipment	15	n/a	0	6.67	15	7.05	n/a	0	6.67	5.96	0	0	-0.71
395	Laboratory Equipment	10	n/a	0	10.00	10	(1)	n/a	0	10.00	10.00	0	0	0.00
396	Power Operated Equipment	10	n/a	10	9.00	12	8.30	n/a	0	8.33	7.98	2	-10	-1.02
397	Communication Equipment	9	n/a	0	11.11	9	5.56	n/a	0	11.11	10.46	0	0	-0.65
397	Communication Equipment - EMS	15	n/a	0	6.67	15	11.71	n/a	0	6.67	6.49	0	0	-0.18
397	Communication Equipment - AMR	15	n/a	0	6.67	15	9.40	n/a	0	6.67	6.29	0	0	-0.38
398	Miscellaneous Equipment	15	n/a	0	6.67	15	5.62	n/a	0	6.67	5.62	0	0	-1.05

Note: Vintage Group accounts do not have an Iowa Curve assigned.

(1) As of 1/1/2012 there was no plant balance in this FERC Account.

Northern States Power Company  
Proposed Lives, Net Salvage Rates, and Depreciation Rates

Common Utility

FERC Account	Account Description	As approved in Docket No. E,G002/D-07-1528				Proposed						Proposed to Approved Comparison		
		Average Service Life	Curve	Net Salvage	Annual Rate (ASL)	Average Service Life	Average Remaining Life	Curve	Net Salvage	Annual Rate (ASL)	Annual Rate (ARL)	Average Service Life	Net Salvage	Annual Rate
		(a)	(b)	(c)	(d) = (100 - (c))/(a)	(e)	(f)	(g)	(h)	(i) = (100 - (h))/(e)	(j)	(k) = (e) - (a)	(l) = (h) - (c)	(m) = (j) - (d)
<b>Intangible</b>														
303	Computer Software - 3 year	3	n/a	0	33.33	3	0.00	n/a	0	33.33	33.33	0	0	0.00
303	Computer Software - 5 year	5	n/a	0	20.00	5	2.94	n/a	0	20.00	20.75	0	0	0.75
303	Computer Software - 7 year	7	n/a	0	14.29	7	0.50	n/a	0	14.29	14.29	0	0	0.00
303	Computer Software - 10 year	10	n/a	0	10.00	10	3.50	n/a	0	10.00	10.99	0	0	0.99
<b>General</b>														
390	Structures & Improvements	45	R1	0	2.22	55	44.19	R1.5	-20	2.18	2.23	10	-20	0.01
390	Structures & Improvements - Leasehold Improvements	9.5	-	0	10.53	10	5.50	SQ	0	10.00	10.73	0.5	0	0.20
391	Office Furniture & Equipment	18	n/a	0	5.56	20	9.14	n/a	0	5.00	5.32	2	0	-0.24
391	Network Equipment	4	n/a	0	25.00	4	2.32	n/a	0	25.00	25.97	0	0	0.97
392	Transportation Equipment - Automobiles	5	n/a	10	18.00	10	6.89	n/a	0	10.00	10.24	5	-10	-7.76
392	Transportation Equipment - Light Trucks	10	n/a	10	9.00	12	5.93	n/a	0	8.33	8.79	2	-10	-0.21
392	Transportation Equipment - Trailers	10	n/a	10	9.00	15	10.46	n/a	0	6.67	6.82	5	-10	-2.18
392	Transportation Equipment - Heavy Trucks	12	n/a	5	7.92	14	8.54	n/a	0	7.14	7.39	2	-5	-0.53
393	Stores Equipment	20	n/a	0	5.00	20	18.15	n/a	0	5.00	5.03	0	0	0.03
394	Tools, Shop & Garage Equipment	15	n/a	0	6.67	15	10.13	n/a	0	6.67	6.84	0	0	0.17
395	Laboratory Equipment	10	n/a	0	10.00	10	2.50	n/a	0	10.00	11.61	0	0	1.61
396	Power Operated Equipment	10	n/a	10	9.00	12	8.08	n/a	0	8.33	8.55	2	-10	-0.45
397	Communication Equipment	9	n/a	0	11.11	9	3.87	n/a	0	11.11	11.90	0	0	0.79
397	Communication Equipment - Two Way	9	n/a	0	11.11	9	3.47	n/a	0	11.11	12.06	0	0	0.95
398	Miscellaneous Equipment	15	n/a	0	6.67	15	6.01	n/a	0	6.67	7.20	0	0	0.53

Note: Vintage Group accounts do not have an Iowa Curve assigned.

**Northern States Power Company  
Depreciation Comparison Summary**

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**All Utilities**

Utility/ Functional Class	Plant Balance 1/1/2012	Present Annual Accrual	Proposed Annual Accrual	Proposed less Present Change	Theoretical to Actual Reserve Difference	Average Remaining Life	Reserve Difference over Remaining Life	Proposed less Present Change in ASL	Proposed Change in Accrual
Electric Utility									
Intangible	15,217,558	3,043,512	2,889,976	(153,535)	417,044	2.72	(153,535)	-	(153,535)
Transmission	1,911,832,463	43,856,740	34,431,635	(9,425,106)	200,466,880	47.31	(4,237,553)	(5,187,552)	(9,425,106)
Distribution - Minnesota Only	2,762,631,816	63,776,968	76,517,033	12,740,065	109,362,353	24.08	(4,541,220)	17,281,285	12,740,065
General	263,842,485	17,963,470	16,425,187	(1,538,284)	6,727,378	12.49	(538,663)	(999,621)	(1,538,284)
<b>Total Electric Utility</b>	<b>4,953,524,321</b>	<b>128,640,690</b>	<b>130,263,830</b>	<b>1,623,140</b>	<b>316,973,655</b>	<b>33.47</b>	<b>(9,470,972)</b>	<b>11,094,112</b>	<b>1,623,140</b>
Gas Utility									
Intangible	3,662,300	732,460	710,197	(22,263)	84,177	3.78	(22,263)	-	(22,263)
Transmission	65,679,681	2,018,813	997,579	(1,021,234)	12,731,083	45.66	(278,796)	(742,437)	(1,021,234)
Distribution - Minnesota Only	751,813,988	24,416,645	21,932,966	(2,483,679)	32,849,618	19.94	(1,647,040)	(836,638)	(2,483,679)
General	39,316,533	3,272,832	3,009,452	(263,380)	1,256,712	7.38	(170,384)	(92,996)	(263,380)
<b>Total Gas Utility</b>	<b>860,472,502</b>	<b>30,440,749</b>	<b>26,650,194</b>	<b>(3,790,556)</b>	<b>46,921,590</b>	<b>22.15</b>	<b>(2,118,484)</b>	<b>(1,672,072)</b>	<b>(3,790,556)</b>
Common Utility									
Intangible	72,000,048	13,895,648	14,372,387	476,739	(1,405,183)	2.95	476,739	-	476,739
General	186,663,417	12,550,224	12,740,087	189,863	(4,258,476)	8.67	491,201	(301,337)	189,863
<b>Total Common Utility</b>	<b>258,663,465</b>	<b>26,445,872</b>	<b>27,112,474</b>	<b>666,603</b>	<b>(5,663,659)</b>	<b>5.85</b>	<b>967,940</b>	<b>(301,337)</b>	<b>666,603</b>
<b>Total All Utilities</b>	<b>6,072,660,288</b>	<b>185,527,311</b>	<b>184,026,498</b>	<b>(1,500,813)</b>	<b>358,231,586</b>		<b>(10,621,515)</b>	<b>9,120,703</b>	<b>(1,500,813)</b>

Northern States Power Company  
Comparison of Present to Proposed Depreciation

Electric Utility

FERC Account	Account Description	Plant Balance 1/1/2012	(Note)	As Approved in E,G002/D-07-1528		As Settled in E002/GR-10-971		Proposed					Proposed less Present Change
				Annual Rate (%)	Annual Accrual	Annual Rate (%)	Annual Accrual	Annual Rate (ASL)	Annual Accrual (ASL)	Annual Rate (ARL)	Annual Accrual (ARL)	Annual Accrual (ARL less ASL)	
		(a)		(b)	(c) = (a)*(b)/100	(d)	(e) = (a)*(d)/100	(f)	(g) = (a)*(f)/100	(h)	(i) = (a)*(h)/100	(j) = (i) - (g)	(k) = (i) - (e)
<b>Intangible</b>													
303	Computer Software - 5 year	15,217,558	(1)	20.00	3,043,512	20.00	3,043,512	20.00	3,043,512	18.99	2,889,976	(153,536)	(153,536)
<b>Total Intangible</b>		15,217,558			3,043,512		3,043,512		3,043,512		2,889,976	(153,536)	(153,536)
<b>Transmission</b>													
352	Structures & Improvements	46,878,153		2.22	1,040,695	2.22	1,040,695	1.47	689,385	1.28	598,651	(90,734)	(442,044)
353	Station Equipment	856,268,539		2.63	22,519,863	2.63	22,519,863	1.96	16,819,561	1.73	14,852,857	(1,966,704)	(7,667,006)
354	Towers & Fixtures	113,933,667		2.50	2,848,342	1.87	2,132,838	1.93	2,197,292	1.32	1,502,944	(694,348)	(629,894)
355	Poles & Fixtures	557,866,574		2.44	13,611,944	1.82	10,133,088	2.18	12,147,095	2.03	11,322,193	(824,901)	1,189,105
356	Overhead Conductor & Devices	303,746,575		3.10	9,416,144	2.47	7,492,821	2.06	6,267,786	1.86	5,663,053	(604,733)	(1,829,767)
357	Underground Conduit	12,146,888		1.82	221,073	1.19	144,548	1.37	166,396	1.20	145,963	(20,433)	1,415
358	Underground Conductor & Devices	20,992,067		2.50	524,802	1.87	392,888	1.82	381,674	1.65	345,974	(35,700)	(46,914)
<b>Total Transmission</b>		1,911,832,463			50,182,863		43,856,740		38,669,188		34,431,635	(4,237,553)	(9,425,106)
<b>Distribution - Minnesota Only</b>													
361	Structures & Improvements	33,530,827		2.89	969,041	2.89	969,041	2.17	726,501	2.06	690,161	(36,340)	(278,880)
362	Station Equipment	432,935,359		2.89	12,511,832	2.89	12,511,832	2.18	9,445,862	2.11	9,130,628	(315,235)	(3,381,204)
364	Poles, Towers & Fixtures	276,983,831		4.75	13,156,732	3.67	10,176,940	4.55	12,590,174	4.37	12,091,974	(498,200)	1,915,034
365	Overhead Conductor & Devices	305,257,633		3.71	11,325,058	2.64	8,055,444	3.08	9,392,543	2.99	9,117,265	(275,278)	1,061,821
366	Underground Conduit	195,485,167		2.00	3,909,703	0.92	1,807,456	2.12	4,135,263	2.04	3,980,625	(154,638)	2,173,169
367	Underground Conductor & Devices	796,388,991		2.29	18,237,308	1.21	9,638,696	2.22	17,697,533	2.13	16,933,820	(763,713)	7,295,124
368	Line Transformers	327,056,337	(1)	2.81	9,190,283	1.97	6,429,273	3.28	10,731,536	2.94	9,620,434	(1,111,102)	3,191,161
368	Line Capacitors	18,030,013	(1)	4.00	721,201	3.15	568,468	4.40	793,321	3.96	714,180	(79,140)	145,712
369	Services - Overhead	67,976,679		3.38	2,297,612	2.53	1,718,654	4.25	2,889,009	3.97	2,697,884	(191,125)	979,229
369	Services - Underground	166,419,623		3.38	5,624,983	2.53	4,207,587	2.56	4,261,966	2.38	3,959,904	(302,062)	(247,683)
370	Meters	91,277,436	(1)	6.67	6,088,205	5.82	5,312,347	6.67	6,085,162	5.86	5,347,336	(737,827)	34,989
370	Meters - Old	1,680,974	(2)	5.00	-	4.15	-	5.00	-	0.00	-	-	-
373	Street Light & Signal Systems	49,608,946		4.80	2,381,229	4.80	2,381,229	4.66	2,309,382	4.50	2,232,822	(76,560)	(148,407)
<b>Total Distribution - Minnesota Only</b>		2,762,631,816			86,413,187		63,776,968		81,058,252		76,517,033	(4,541,220)	12,740,065

Northern States Power Company  
Comparison of Present to Proposed Depreciation

Electric Utility

FERC Account	Account Description	Plant Balance 1/1/2012	(Note)	As Approved in E,G002/D-07-1528		As Settled in E002/GR-10-971		Proposed					Proposed less Present Change
				Annual Rate (%)	Annual Accrual	Annual Rate (%)	Annual Accrual	Annual Rate (ASL)	Annual Accrual (ASL)	Annual Rate (ARL)	Annual Accrual (ARL)	Annual Accrual (ARL less ASL)	
		(a)		(b)	(c) = (a)*(b)/100	(d)	(e) = (a)*(d)/100	(f)	(g) = (a)*(f)/100	(h)	(i) = (a)*(h)/100	(j) = (i) - (g)	(k) = (i) - (e)
General													
390	Structures & Improvements	59,179,857		2.22	1,313,793	2.22	1,313,793	2.11	1,245,892	1.97	1,165,128	(80,764)	(148,665)
391	Office Furniture & Equipment	22,857,009	(1)	5.56	1,270,850	5.56	1,270,850	5.00	1,142,850	4.83	1,103,888	(38,962)	(166,962)
391	Network Equipment	4,884,082	(1)	25.00	1,221,021	25.00	1,221,021	25.00	1,221,021	23.28	1,137,085	(83,935)	(83,935)
392	Transportation Equipment - Automobiles	390,265	(1)	18.00	70,248	18.00	70,248	10.00	39,027	9.82	38,334	(693)	(31,914)
392	Transportation Equipment - Light Trucks	21,025,679	(1)	9.00	1,892,311	9.00	1,892,311	8.33	1,752,140	8.12	1,708,102	(44,038)	(184,210)
392	Transportation Equipment - Trailers	7,211,534	(1)	9.00	649,038	9.00	649,038	6.67	480,769	6.59	475,590	(5,179)	(173,449)
392	Transportation Equipment - Heavy Trucks	41,657,907	(1)	7.92	3,299,306	7.92	3,299,306	7.14	2,975,565	7.02	2,923,293	(52,271)	(376,013)
393	Stores Equipment	1,230,683	(1)	5.00	61,534	5.00	61,534	5.00	61,534	4.84	59,556	(1,979)	(1,979)
394	Tools, Shop & Garage Equipment	51,145,841	(1)	6.67	3,411,428	6.67	3,411,428	6.67	3,409,723	6.46	3,304,861	(104,862)	(106,566)
395	Laboratory Equipment	3,622,186	(1)	10.00	362,219	10.00	362,219	10.00	362,219	9.36	339,202	(23,017)	(23,017)
396	Power Operated Equipment	20,725,068	(1)	9.00	1,865,256	9.00	1,865,256	8.33	1,727,089	8.22	1,704,245	(22,844)	(161,011)
397	Communication Equipment	12,184,390	(1)	11.11	1,353,686	11.11	1,353,686	11.11	1,353,821	10.76	1,310,693	(43,129)	(42,993)
397	Communication Equipment - Two Way	232,557	(1)	11.11	25,837	11.11	25,837	11.11	25,840	10.70	24,895	(945)	(942)
397	Communication Equipment - AES	4,962,953	(1)	6.67	331,029	6.67	331,029	6.67	330,864	6.51	323,320	(7,543)	(7,709)
397	Communication Equipment - EMS	9,748,526	(1)	6.67	650,227	6.67	650,227	6.67	649,902	6.49	632,198	(17,704)	(18,029)
398	Miscellaneous Equipment	2,783,945	(1)	6.67	185,689	6.67	185,689	6.67	185,596	6.28	174,798	(10,799)	(10,891)
Total General		263,842,485			17,963,470		17,963,470		16,963,850		16,425,187	(538,663)	(1,538,284)
Total Electric Utility		4,953,524,321			157,603,032		128,640,690		139,734,802		130,263,830	(9,470,972)	1,623,140

(1): Plant Balance for vintage group (amortized) assets is for the vintages as of 1/1/2012 that are not fully depreciated.

(2): This account is fully depreciated at in 2012



Northern States Power Company  
Comparison of Present Reserve to Theoretical Reserve

Electric Utility

FERC Account	Account Description	Plant Balance 1/1/2012	(Note)	Depreciation Reserve 1/1/2012	Estimated Net Salvage Rate (%)	Average Remaining Life	Average Service Life	Theoretical Reserve	Actual to Theoretical Reserve Difference	Difference Divided by Average Remaining Life	Annual Accrual (ARL less ASL)
		(a)		(b)	(c)	(d)	(e)	(f)	(g) = (b) - (f)	(h) = (g)/(d)	(i)
Intangible											
303	Computer Software - 5 year	15,217,558	(1)	7,367,597	0	2.72	5	6,950,553	417,044	(153,535)	(153,536)
Total Intangible		15,217,558		7,367,597				6,950,553	417,044	(153,535)	(153,536)
Transmission											
352	Structures & Improvements	46,878,153		15,348,271	0	52.67	68	10,569,494	4,778,777	(90,734)	(90,734)
353	Station Equipment	856,268,539		277,554,258	-10	44.73	56	189,587,203	87,967,055	(1,966,704)	(1,966,704)
354	Towers & Fixtures	113,933,667		91,740,102	-35	41.30	70	63,064,084	28,676,018	(694,348)	(694,348)
355	Poles & Fixtures	557,866,574		140,344,077	-35	54.12	62	95,699,052	44,645,025	(824,901)	(824,901)
356	Overhead Conductor & Devices	303,746,575		99,071,932	-30	52.23	63	67,484,864	31,587,068	(604,733)	(604,733)
357	Underground Conduit	12,146,888		3,742,982	0	57.58	73	2,566,531	1,176,452	(20,433)	(20,433)
358	Underground Conductor & Devices	20,992,067		5,132,759	0	45.84	55	3,496,274	1,636,485	(35,700)	(35,700)
Total Transmission		1,911,832,463		632,934,381				432,467,501	200,466,880	(4,237,553)	(4,237,553)
Distribution - Minnesota Only											
361	Structures & Improvements	33,530,827		15,353,500	-30	40.91	60	13,866,716	1,486,783	(36,340)	(36,340)
362	Station Equipment	432,935,359		136,541,124	-20	41.94	55	123,318,699	13,222,426	(315,235)	(315,235)
364	Poles, Towers & Fixtures	276,983,831		165,343,920	-100	32.14	44	149,332,277	16,011,643	(498,200)	(498,200)
365	Overhead Conductor & Devices	305,257,633		87,064,868	-20	30.63	39	78,633,644	8,431,224	(275,278)	(275,278)
366	Underground Conduit	195,485,167		61,565,297	-10	38.55	52	55,603,411	5,961,886	(154,638)	(154,638)
367	Underground Conductor & Devices	796,388,991		253,046,916	0	32.09	45	228,542,255	24,504,662	(763,713)	(763,713)
368	Line Transformers	327,056,337	(1)	162,954,214	-5	18.76	32	142,112,762	20,841,453	(1,111,102)	(1,111,102)
368	Line Capacitors	18,030,013	(1)	12,151,454	-10	10.76	25	11,300,240	851,214	(79,140)	(79,140)
369	Services - Overhead	67,976,679		48,822,436	-70	24.74	40	44,094,549	4,727,887	(191,125)	(191,125)
369	Services - Underground	166,419,623		76,994,920	-5	24.68	41	69,538,868	7,456,052	(302,062)	(302,062)
370	Meters	91,277,436	(1)	61,046,782	0	5.65	15	56,875,549	4,171,233	(737,827)	(737,827)
370	Meters - Old	1,680,974	(2)	1,680,974	0	0.00	20	1,680,974	-	-	-
373	Street Light & Signal Systems	49,608,946		17,512,581	-35	22.15	29	15,816,691	1,695,891	(76,560)	(76,560)
Total Distribution		2,762,631,816		1,100,078,987				990,716,634	109,362,353	(4,541,220)	(4,541,220)

Northern States Power Company  
Comparison of Present Reserve to Theoretical Reserve

Electric Utility

FERC Account	Account Description	Plant Balance 1/1/2012	(Note)	Depreciation Reserve 1/1/2012	Estimated Net Salvage Rate (%)	Average Remaining Life	Average Service Life	Theoretical Reserve	Actual to Theoretical Reserve Difference	Difference Divided by Average Remaining Life	Annual Accrual (ARL less ASL)
		(a)		(b)	(c)	(d)	(e)	(f)	(g) = (b) - (f)	(h) = (g)/(d)	(i)
General											
390	Structures & Improvements	59,179,857		26,921,569	-20	37.84	57	23,865,074	3,056,495	(80,764)	(80,764)
391	Office Furniture & Equipment	22,857,009	(1)	8,778,503	0	12.75	20	8,281,594	496,909	(38,962)	(38,962)
391	Network Equipment	4,884,082	(1)	2,764,304	0	1.86	4	2,607,830	156,474	(83,935)	(83,935)
392	Transportation Equipment - Automobiles	390,265	(1)	94,451	0	7.72	10	89,105	5,346	(693)	(693)
392	Transportation Equipment - Light Trucks	21,025,679	(1)	6,579,723	0	8.46	12	6,207,276	372,447	(44,038)	(44,038)
392	Transportation Equipment - Trailers	7,211,534	(1)	1,163,591	0	12.72	15	1,097,725	65,866	(5,179)	(5,179)
392	Transportation Equipment - Heavy Trucks	41,657,907	(1)	10,000,297	0	10.83	14	9,434,228	566,069	(52,271)	(52,271)
393	Stores Equipment	1,230,683	(1)	455,176	0	13.02	20	429,411	25,765	(1,979)	(1,979)
394	Tools, Shop & Garage Equipment	51,145,841	(1)	18,371,395	0	9.92	15	17,331,479	1,039,916	(104,862)	(104,862)
395	Laboratory Equipment	3,622,186	(1)	1,974,806	0	4.86	10	1,863,022	111,784	(23,017)	(23,017)
396	Power Operated Equipment	20,725,068	(1)	3,968,021	0	9.83	12	3,743,411	224,610	(22,844)	(22,844)
397	Communication Equipment	12,184,390	(1)	4,479,135	0	5.88	9	4,225,592	253,543	(43,129)	(43,129)
397	Communication Equipment - Two Way	232,557	(1)	93,346	0	5.59	9	88,062	5,284	(945)	(945)
397	Communication Equipment - EMS	4,962,953	(1)	1,448,553	0	10.87	15	1,366,558	81,996	(7,543)	(7,543)
397	Communication Equipment - AMR	9,748,526	(1)	3,226,532	0	10.32	15	3,043,893	182,639	(17,704)	(17,704)
398	Miscellaneous Equipment	2,783,945	(1)	1,452,786	0	7.62	15	1,370,550	82,236	(10,799)	(10,799)
Total General		263,842,485		91,772,188				85,044,810	6,727,378	(538,663)	(538,663)
Total Electric Utility		4,953,524,321		1,832,153,153				1,515,179,498	316,973,655	(9,470,972)	(9,470,972)

(1): Plant Balance for vintage group (amortized) assets is for the vintages as of 1/1/2012 that are not fully depreciated.

(2): This account is fully depreciated at in 2012

Northern States Power Company  
Comparison of Present to Proposed Depreciation

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Gas Utility

FERC Account	Account Description	Plant Balance 1/1/2012 (a)	(Note)	As Approved in E,G002/D-07-1528		Proposed					Proposed less Present Change (i) = (g) - (c)
				Annual Rate (%) (b)	Annual Accrual (c) = (a)*(b)/100	Annual Rate (ASL) (d)	Annual Accrual (ASL) (e) = (a)*(d)/100	Annual Rate (ARL) (f)	Annual Accrual (ARL) (g) = (a)*(f)/100	Annual Accrual (ARL less ASL) (h) = (g) - (e)	
<b>Intangible</b>											
303	Computer Software - 5 year	3,662,300	(1)	20.00	732,460	20.00	732,460	19.39	710,197	(22,263)	(22,263)
<b>Total Intangible</b>		<b>3,662,300</b>			<b>732,460</b>		<b>732,460</b>		<b>710,197</b>	<b>(22,263)</b>	<b>(22,263)</b>
<b>Transmission</b>											
366	Structures & Improvements	1,017,205		2.44	24,820	2.02	20,540	1.25	12,683	(7,857)	(12,137)
367	Mains	53,675,877		2.89	1,551,233	1.53	823,030	1.24	667,234	(155,796)	(883,999)
369	Measure & Regulating Station Equipment	10,986,598		4.03	442,760	3.94	432,805	2.89	317,662	(115,143)	(125,098)
<b>Total Transmission</b>		<b>65,679,681</b>			<b>2,018,813</b>		<b>1,276,375</b>		<b>997,579</b>	<b>(278,796)</b>	<b>(1,021,234)</b>
<b>Distribution - Minnesota Only</b>											
375	Structures & Improvements	55,163		2.44	1,346	2.44	1,345	2.18	1,202	(143)	(144)
376	Mains - Metallic	80,789,038		2.89	2,334,803	2.35	1,900,919	2.20	1,779,982	(120,937)	(554,821)
376	Mains - Plastic	307,169,652		2.56	7,863,543	2.56	7,849,891	2.45	7,530,941	(318,951)	(332,602)
378	Measure & Regulating Station Equipment - General	6,005,195		4.03	242,009	3.29	197,539	3.12	187,195	(10,344)	(54,814)
379	Measure & Regulating Station Equipment - City Gate	1,773,490		4.03	71,472	2.68	47,604	2.65	46,928	(676)	(24,544)
380	Services - Metallic	11,675,526		3.25	379,455	3.50	408,643	2.58	301,791	(106,852)	(77,663)
380	Services - Plastic	250,603,763		3.25	8,144,622	3.33	8,353,459	3.15	7,882,425	(471,033)	(262,197)
381	Meters	90,268,507	(1)	5.75	5,190,439	5.15	4,648,828	4.60	4,149,793	(499,035)	(1,040,646)
381	Meters - Telemetering	38,103	(2)	12.50	-	12.50	-	0.00	-	-	-
383	House Regulators	3,435,550	(1)	5.50	188,955	5.00	171,778	1.53	52,709	(119,069)	(136,247)
<b>Total Distribution - Minnesota Only</b>		<b>751,813,988</b>			<b>24,416,645</b>		<b>23,580,006</b>		<b>21,932,966</b>	<b>(1,647,040)</b>	<b>(2,483,679)</b>

Northern States Power Company  
Comparison of Present to Proposed Depreciation

Gas Utility

FERC Account	Account Description	Plant Balance 1/1/2012 (a)	(Note)	As Approved in E,G002/D-07-1528		Proposed					Proposed less Present Change (i) = (g) - (c)
				Annual Rate (%) (b)	Annual Accrual (c) = (a)*(b)/100	Annual Rate (ASL) (d)	Annual Accrual (ASL) (e) = (a)*(d)/100	Annual Rate (ARL) (f)	Annual Accrual (ARL) (g) = (a)*(f)/100	Annual Accrual (ARL less ASL) (h) = (g) - (e)	
General											
390	Structures & Improvements	1,945,425		2.22	43,188	2.18	42,446	2.14	41,659	(786)	(1,529)
391	Office Furniture & Equipment	877,862	(1)	5.56	48,809	5.00	43,893	4.85	42,613	(1,281)	(6,197)
391	Network Equipment	37,566	(1)	25.00	9,391	25.00	9,391	24.04	9,029	(362)	(362)
392	Transportation Equipment - Automobiles	83,716	(1)	18.00	15,069	10.00	8,372	7.26	6,074	(2,298)	(8,995)
392	Transportation Equipment - Light Trucks	3,556,524	(1)	9.00	320,087	8.33	296,377	8.02	285,062	(11,315)	(35,026)
392	Transportation Equipment - Trailers	661,434	(1)	9.00	59,529	6.67	44,096	6.42	42,448	(1,648)	(17,082)
392	Transportation Equipment - Heavy Trucks	4,827,305	(1)	7.92	382,323	7.14	344,808	6.88	332,255	(12,552)	(50,067)
393	Stores Equipment	10,091	(1)	5.00	505	5.00	505	4.99	503	(1)	(1)
394	Tools, Shop & Garage Equipment	4,305,799	(1)	6.67	287,197	6.67	287,053	5.96	256,547	(30,507)	(30,650)
396	Power Operated Equipment	547,294	(1)	9.00	49,256	8.33	45,608	7.98	43,695	(1,913)	(5,562)
397	Communication Equipment	12,593,714	(1)	11.11	1,399,162	11.11	1,399,302	10.46	1,317,844	(81,458)	(81,318)
397	Communication Equipment - EMS	5,634,650	(1)	6.67	375,831	6.67	375,643	6.49	365,698	(9,945)	(10,133)
397	Communication Equipment - AMR	4,166,157	(1)	6.67	277,883	6.67	277,744	6.29	262,151	(15,593)	(15,732)
398	Miscellaneous Equipment	68,994	(1)	6.67	4,602	6.67	4,600	5.62	3,875	(724)	(726)
Total General		39,316,533			3,272,832		3,179,836		3,009,452	(170,384)	(263,380)
Total Gas Utility		860,472,502			30,440,749		28,768,678		26,650,194	(2,118,484)	(3,790,556)

(1): Plant Balance for vintage group (amortized) assets is for the vintages as of 1/1/2012 that are not fully depreciated.

(2): This account is fully depreciated at in 2012

Gas Utility

FERC Account	Account Description	Plant Balance 1/1/2012	(Note)	Depreciation Reserve 1/1/2012	Estimated Net Salvage Rate (%)	Average Remaining Life	Average Service Life	Theoretical Reserve	Actual to Theoretical Reserve Difference	Difference Divided by Average Remaining Life	Annual Accrual (ARL less ASL)
		(a)		(b)	(c)	(d)	(e)	(f)	(g) = (b) - (f)	(h) = (g)/(d)	(i)
Intangible											
303	Computer Software - 5 year	3,662,300	(1)	977,047	0	3.78	5	892,870	84,177	(22,263)	(22,263)
Total Intangible		3,662,300		977,047				892,870	84,177	(22,263)	(22,263)
Transmission											
366	Structures & Improvements	1,017,205		639,031	-5	33.83	52	373,255	265,777	(7,857)	(7,857)
367	Mains	53,675,877		20,682,288	-15	61.52	75	11,098,447	9,583,841	(155,796)	(155,796)
369	Measure & Regulating Station Equipment	10,986,598		6,333,058	-30	25.03	33	3,451,593	2,881,465	(115,143)	(115,143)
Total Transmission		65,679,681		27,654,378				14,923,295	12,731,083	(278,796)	(278,796)
Distribution - Minnesota Only											
375	Structures & Improvements	55,163		33,294	0	18.19	41	30,688	2,605	(143)	(143)
376	Mains - Metallic	80,789,038		39,025,533	-20	32.54	51	35,090,207	3,935,326	(120,937)	(120,937)
376	Mains - Plastic	307,169,652		104,479,744	-15	33.03	45	93,944,030	10,535,714	(318,951)	(318,951)
378	Measure & Regulating Station Equipment - General	6,005,195		2,657,298	-25	25.90	38	2,389,337	267,961	(10,344)	(10,344)
379	Measure & Regulating Station Equipment - City Gate	1,773,490		226,166	-2	33.73	38	203,359	22,806	(676)	(676)
380	Services - Metallic	11,675,526		12,725,546	-40	12.00	40	11,443,780	1,281,766	(106,852)	(106,852)
380	Services - Plastic	250,603,763		121,222,944	-30	25.95	39	108,998,849	12,224,095	(471,033)	(471,033)
381	Meters	90,268,507	(1)	56,598,615	-3	8.77	20	52,223,970	4,374,645	(499,035)	(499,035)
381	Meters - Telemetering	38,103	(2)	-	0	NA	8	-	-	-	-
383	House Regulators	3,435,550	(1)	3,344,936	0	1.72	20	3,140,237	204,699	(119,069)	(119,069)
Total Distribution - Minnesota Only		751,813,988		340,314,074				307,464,456	32,849,618	(1,647,040)	(1,647,040)

Gas Utility

FERC Account	Account Description	Plant Balance 1/1/2012	(Note)	Depreciation Reserve 1/1/2012	Estimated Net Salvage Rate (%)	Average Remaining Life	Average Service Life	Theoretical Reserve	Actual to Theoretical Reserve Difference	Difference Divided by Average Remaining Life	Annual Accrual (ARL less ASL)
		(a)		(b)	(c)	(d)	(e)	(f)	(g) = (b) - (f)	(h) = (g)/(d)	(i)
General											
390	Structures & Improvements	1,945,425		333,436	-20	48.03	55	295,667	37,770	(786)	(786)
391	Office Furniture & Equipment	877,862	(1)	228,998	0	15.23	20	209,498	19,500	(1,281)	(1,281)
391	Network Equipment	37,566	(1)	11,935	0	2.84	4	10,907	1,028	(362)	(362)
392	Transportation Equipment - Automobiles	83,716	(1)	68,189	0	2.56	10	62,314	5,875	(2,298)	(2,298)
392	Transportation Equipment - Light Trucks	3,556,524	(1)	1,121,778	0	8.54	12	1,025,131	96,647	(11,315)	(11,315)
392	Transportation Equipment - Trailers	661,434	(1)	205,482	0	10.74	15	187,779	17,703	(1,648)	(1,648)
392	Transportation Equipment - Heavy Trucks	4,827,305	(1)	1,471,517	0	10.10	14	1,344,738	126,779	(12,552)	(12,552)
393	Stores Equipment	10,091	(1)	276	0	19.50	20	252	24	(1)	(1)
394	Tools, Shop & Garage Equipment	4,305,799	(1)	2,496,801	0	7.05	15	2,281,689	215,112	(30,507)	(30,507)
396	Power Operated Equipment	547,294	(1)	184,431	0	8.30	12	168,542	15,889	(1,913)	(1,913)
397	Communication Equipment	12,593,714	(1)	5,260,893	0	5.56	9	4,807,641	453,252	(81,458)	(81,458)
397	Communication Equipment - AES	5,634,650	(1)	1,351,840	0	11.71	15	1,235,372	116,468	(9,945)	(9,945)
397	Communication Equipment - EMS	4,166,157	(1)	1,701,543	0	9.40	15	1,554,946	146,597	(15,593)	(15,593)
398	Miscellaneous Equipment	68,994	(1)	47,221	0	5.62	15	43,152	4,069	(724)	(724)
Total General		39,316,533		14,484,340				13,227,628	1,256,712	(170,384)	(170,384)
Total Gas Utility		860,472,502		383,429,839				336,508,249	46,921,590	(2,118,484)	(2,118,484)

(1): Plant Balance for vintage group (amortized) assets is for the vintages as of 1/1/2012 that are not fully depreciated.

(2): This account is fully depreciated at in 2012

Northern States Power Company  
Comparison of Present to Proposed Depreciation

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Common Utility

FERC Account	Account Description	Plant Balance 1/1/2012	(Note)	As Approved in E,G002/D-07-1528		Proposed					Proposed less Present Change
				Annual Rate (%)	Annual Accrual	Annual Rate (ASL)	Annual Accrual (ASL)	Annual Rate (ARL)	Annual Accrual (ARL)	Annual Accrual (ARL less ASL)	
		(a)		(b)	(c) = (a)*(b)/100	(d)	(e) = (a)*(d)/100	(f)	(g) = (a)*(f)/100	(h) = (g) - (e)	(i) = (g) - (c)
<b>Intangible</b>											
303	Computer Software - 3 year	-	(2)	33.33	-	33.33	-	33.33	-	-	-
303	Computer Software - 5 year	63,386,881	(2)	20.00	12,677,376	20.00	12,677,376	20.75	13,151,290	473,914	473,914
303	Computer Software - 7 year	8,328,954	(2)	14.29	1,189,851	14.29	1,189,851	14.29	1,189,851	-	-
303	Computer Software - 10 year	284,213	(2)	10.00	28,421	10.00	28,421	10.99	31,247	2,826	2,826
Total Intangible		72,000,048			13,895,648		13,895,648		14,372,387	476,739	476,739
<b>General</b>											
390	Structures & Improvements	115,747,921		2.22	2,569,604	2.18	2,525,409	2.23	2,580,693	55,283	11,089
390	Structures & Improvements - Leasehold Improvements	1,163,412		10.53	122,507	10.00	116,341	10.73	124,861	8,520	2,354
391	Office Furniture & Equipment	23,397,579	(2)	5.56	1,300,905	5.00	1,169,879	5.32	1,244,325	74,446	(56,581)
391	Network Equipment	27,288,817	(2)	25.00	6,822,204	25.00	6,822,204	25.97	7,085,625	263,421	263,421
392	Transportation Equipment - Automobiles	319,097	(2)	18.00	57,437	10.00	31,910	10.24	32,682	772	(24,756)
392	Transportation Equipment - Light Trucks	4,350,598	(2)	9.00	391,554	8.33	362,550	8.79	382,408	19,858	(9,146)
392	Transportation Equipment - Trailers	1,125,686	(2)	9.00	101,312	6.67	75,046	6.82	76,789	1,743	(24,523)
392	Transportation Equipment - Heavy Trucks	4,425,984	(2)	7.92	350,538	7.14	316,142	7.39	326,956	10,815	(23,582)
393	Stores Equipment	9,136	(2)	5.00	457	5.00	457	5.03	459	2	2
394	Tools, Shop & Garage Equipment	2,173,877	(2)	6.67	144,998	6.67	144,925	6.84	148,655	3,730	3,658
395	Laboratory Equipment	36,686	(2)	10.00	3,669	10.00	3,669	11.61	4,258	589	589
396	Power Operated Equipment	707,031	(2)	9.00	63,633	8.33	58,919	8.55	60,449	1,530	(3,184)
397	Communication Equipment	1,367,560	(2)	11.11	151,936	11.11	151,951	11.90	162,746	10,795	10,810
397	Communication Equipment - Two Way	3,738,356	(2)	11.11	415,331	11.11	415,373	12.06	450,739	35,366	35,408
398	Miscellaneous Equipment	811,679	(2)	6.67	54,139	6.67	54,112	7.20	58,442	4,330	4,303
Total General		186,663,417			12,550,224		12,248,886		12,740,087	491,201	189,863
Total Common Utility		258,663,465			26,445,872		26,144,534		27,112,474	967,940	666,603

(1): Plant Balance as of 1/1/2012 has been adjusted for known retirements that occurred in the first six months of 2012.

(2): Plant Balance for vintage group (amortized) assets is for the vintages as of 1/1/2012 that are not fully depreciated.

Common Utility

FERC Account	Account Description	Plant Balance 1/1/2012	(Note)	Depreciation Reserve 1/1/2012	Estimated Net Salvage Rate (%)	Average Remaining Life	Average Service Life	Theoretical Reserve	Actual to Theoretical Reserve Difference	Difference Divided by Average Remaining Life	Annual Accrual (ARL less ASL)
		(a)		(b)	(c)	(d)	(e)	(f)	(g) = (b) - (f)	(h) = (g)/(d)	(i)
Intangible											
303	Computer Software - 3 year	-	(2)	-	0	0.00	3	-	-	-	-
303	Computer Software - 5 year	63,386,881	(2)	24,666,948	0	2.94	5	26,062,241	(1,395,293)	473,914	473,914
303	Computer Software - 7 year	8,328,954	(2)	7,734,029	0	0.50	7	7,734,029	-	-	-
303	Computer Software - 10 year	284,213	(2)	174,848	0	3.50	10	184,738	(9,890)	2,826	2,826
Total Intangible		72,000,048		32,575,825				33,981,008	(1,405,183)	476,739	476,739
General											
390	Structures & Improvements	115,747,921		24,851,017	-20	44.19	55	27,294,114	(2,443,097)	55,283	55,283
390	Structures & Improvements - Leasehold Improvements	1,163,412		476,674	0	5.50	10	523,535	(46,862)	8,520	8,520
391	Office Furniture & Equipment	23,397,579	(2)	12,026,756	0	9.14	20	12,707,053	(680,297)	74,446	74,446
391	Network Equipment	27,288,817	(2)	10,822,362	0	2.32	4	11,434,532	(612,170)	263,421	263,421
392	Transportation Equipment - Automobiles	319,097	(2)	93,990	0	6.89	10	99,307	(5,317)	772	772
392	Transportation Equipment - Light Trucks	4,350,598	(2)	2,082,324	0	5.93	12	2,200,111	(117,787)	19,858	19,858
392	Transportation Equipment - Trailers	1,125,686	(2)	322,385	0	10.46	15	340,621	(18,236)	1,743	1,743
392	Transportation Equipment - Heavy Trucks	4,425,984	(2)	1,633,134	0	8.54	14	1,725,513	(92,379)	10,815	10,815
393	Stores Equipment	9,136	(2)	801	0	18.15	20	846	(45)	2	2
394	Tools, Shop & Garage Equipment	2,173,877	(2)	668,007	0	10.13	15	705,793	(37,786)	3,730	3,730
395	Laboratory Equipment	36,686	(2)	26,042	0	2.50	10	27,515	(1,473)	589	589
396	Power Operated Equipment	707,031	(2)	218,544	0	8.08	12	230,906	(12,362)	1,530	1,530
397	Communication Equipment	1,367,560	(2)	738,108	0	3.87	9	779,859	(41,751)	10,795	10,795
397	Communication Equipment - Two Way	3,738,356	(2)	2,172,302	0	3.47	9	2,295,179	(122,877)	35,366	35,366
398	Miscellaneous Equipment	811,679	(2)	460,285	0	6.01	15	486,322	(26,037)	4,330	4,330
Total General		186,663,417		56,592,731				60,851,207	(4,258,476)	491,201	491,201
Total Common Utility		258,663,465		89,168,556				94,832,215	(5,663,659)	967,940	967,940

(1): Plant Balance as of 1/1/2012 has been adjusted for known retirements that occurred in the first six months of 2012.

(2): Plant Balance for vintage group (amortized) assets is for the vintages as of 1/1/2012 that are not fully depreciated.



**NORTHERN STATES POWER COMPANY**  
**A MINNESOTA CORPORATION**  
**TRANSMISSION, DISTRIBUTION AND GENERAL**  
**ELECTRIC, GAS AND COMMON**  
**DEPRECIATION RATE STUDY**  
**July 2012**



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**NORTHERN STATES POWER COMPANY  
A MINNESOTA CORPORATION  
TRANSMISSION, DISTRIBUTION AND GENERAL  
ELECTRIC, GAS AND COMMON  
DEPRECIATION RATE STUDY  
EXECUTIVE SUMMARY**

Northern States Power Company, a Minnesota corporation (“NSP” or “Company”), engaged Alliance Consulting Group to conduct a depreciation study of the Company’s Electric, Gas, and Common transmission, distribution, and general utility plant depreciable assets as of January 1, 2012. This analysis recommends a number of changes in the lives of various types of assets, by account number under the FERC Uniform System of Accounts. The changes in lives discussed in this Executive Summary are discussed in more detail in the study.

For Electric Transmission, Distribution and General Plant depreciable accounts, the lives of all but one account moved longer. There are 17 accounts, 16 that have increasing lives and one account that was unchanged. The account with the greatest change in life is account 352 Transmission Structures and Improvements which moved 23 years longer in life. There is also a trend toward higher negative net salvage with 10 accounts increasing (i.e. more negative) their negative net salvage, two accounts decreasing (i.e. less negative) their negative net salvage, and the remaining 5 accounts remaining unchanged. The account with the largest increase in negative net salvage is Account 369 Distribution Services – Overhead, where the net salvage moved from negative 35 percent to a negative 70 percent, which equates to a change of 35 percent.

For Electric Amortized Plant, there are 20 accounts including 1 intangible account, 15 general plant accounts, and 4 distribution accounts. Most amortization periods are remaining the same, with amortization lives increasing for Account 391 General Office Furniture & Equipment, Account 392 General Transportation Equipment (various subaccounts), and Account 396 General Power Operated

Equipment. Net salvage became negative for two accounts: Account 368 Distribution Line Transformers and Account 368 Distribution Line Capacitors. For Accounts 392 and 396, net salvage became zero percent.

For Gas Transmission, Distribution and General Plant depreciable accounts, the lives of all but one account moved longer. There are 11 accounts, 7 that have increasing lives, 1 account has a shorter life, and 3 accounts that were unchanged. The account with the greatest change in life is account 367 Transmission Mains which moved 30 years longer in life. There are changes in net salvage with 4 accounts increasing (i.e. more negative) their negative net salvage, 3 accounts decreasing (i.e. less negative) their negative net salvage, and the remaining 4 accounts remaining unchanged. The account with the greatest change in net salvage is Account 379 Distribution Measure & Regulating Station Equipment where the net salvage moved from negative 25 percent to a negative 2 percent, which equates to a change of 23 percent.

For Gas Amortized Plant, there are 18 accounts including 1 intangible account, 14 general plant accounts, and 3 distribution accounts. Most amortization periods remain the same, and amortization periods increase for Account 391 General Office Furniture and Equipment, Account 392 (all subaccounts), and Account 396 General Power Operated Equipment. Net salvage became less negative for one account: Account 381 Distribution Meters. For Accounts 392 (all subaccounts), 396 and 383, net salvage became zero percent.

For Common Plant, there are 19 accounts including 2 depreciable accounts and 17 amortized accounts of which there are 4 intangible accounts and 13 general plant accounts. The life for Account 390 became longer and amortized accounts reflected the same changes in life and net salvage used for gas and electric amortized plant. Amortization rates were updated to reflect any imbalance between book and theoretical reserves.

For life and net salvage analysis, the study used total Company results. After selecting life and net salvage parameters, those depreciation parameters were applied to the total Company plant using the Minnesota approved depreciation rates

to provide the reserve balances for transmission and general plant. Plant balances for Minnesota state-specific assets and their reserve balances using the Minnesota approved depreciation rates were used for Electric and Gas Distribution plant.

All annual accrual rates were determined using the straight line, broad group, remaining life depreciation system. Depreciation and amortization rates reflect any imbalance between actual and theoretical reserves. Use of the remaining life depreciation system adds a self-correcting mechanism, which accounts for any differences between theoretical and book depreciation reserve over the remaining life of each depreciable group.

Given the many changes in life and net salvage in this study, this study recommends a reallocation of book reserve by plant account within each function. This reallocation does not change the total reserve within each function. Rather, reallocating the reserve within a function realigns the depreciation reserve balances within each function using the proposed life and net salvage parameters.

This study recommends an overall decrease of approximately \$1.5 million in annual depreciation expense. This consists of an increase of \$1.6 million in annual depreciation expense for Electric facilities compared to the depreciation rates currently in effect after implementing the Minnesota Public Utilities Commission approved Settlement in Docket No. E002/GR-10-971, a decrease of \$3.8 million in annual depreciation expense for Gas facilities compared to the depreciation rates currently in effect, and an increase of approximately \$666 thousand for Common plant in annual depreciation expense compared to the depreciation rates currently in effect. The overall increase in depreciation expense is driven by changes in life and net salvage as well as treatment of any book and theoretical reserve imbalance. Appendix B demonstrates the change in depreciation expense for the various accounts. If approved by the Commission, the changes recommended in the study would be used by the Company effective January 1, 2013.

**NORTHERN STATES POWER COMPANY**  
**A MINNESOTA CORPORATION**  
**TRANSMISSION, DISTRIBUTION, AND GENERAL PLANT**  
**ELECTRIC, GAS AND COMMON**  
**DEPRECIATION RATE STUDY**  
**July 2012**  
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## **PURPOSE**

The purpose of this study is to develop depreciation rates for the period beginning January 1, 2013 for the depreciable property as recorded on the books of Northern States Power Company, a Minnesota corporation (“NSP” or “Company”), at January 1, 2012. The account based depreciation rates were designed to recover the total remaining undepreciated investment, adjusted for net salvage, over the remaining life of NSP’s property on a straight-line basis. Non-depreciable property and production plant were excluded from this study.

## STUDY RESULTS

Overall depreciation rates for all NSP depreciable property are shown in Appendix A. These rates translate into an annual depreciation accrual of \$184.0 million based on NSP depreciable investment at January 1, 2012. The annual equivalent depreciation expense calculated by the same method using the approved rates was \$185.5 million. These rates translate into an annual depreciation accrual for Electric of \$130.3 million, Gas of \$26.6 million, and Common of \$27.1 million. Appendix A demonstrates the development of the annual depreciation rates and accruals by account. Appendix B presents a comparison of approved rates versus proposed rates by account. Appendix C presents a summary of mortality and net salvage estimates by account. Appendix D presents a comparison between theoretical and book accumulated depreciation reserves for each account. Appendix E presents the net salvage analysis for all accounts. The overall increase in depreciation expense is driven by changes in life and net salvage as well as treatment of any book and theoretical reserve imbalance. Shown below is a summary of the results for each group and function:

Type of Plant	Accrual at Existing Rates \$ x million	Accrual at Proposed Rates \$ x million	Difference \$ x million
Electric Transmission Depreciable	\$43.9	\$34.4	(\$9.5)
Electric Distribution Depreciable	\$51.4	\$60.8	\$9.4
Electric General Depreciable	\$1.3	\$1.2	(\$0.1)
Electric Distribution Amortized	\$12.3	\$15.7	\$3.4
Electric General & Intangible Amortized	\$19.7	\$18.2	(\$1.5)

Type of Plant	Accrual at Existing Rates \$ x million	Accrual at Proposed Rates \$ x million	Difference \$ x million
Gas Transmission	\$2.0	\$1.0	(\$1.0)
Gas Distribution Depreciated	\$19.0	\$17.7	(\$1.3)
Gas Distribution Amortized	\$5.4	\$4.2	(\$1.2)
Gas General Depreciated	\$0.04	\$0.04	(\$0.0)
Gas General & Intangible Amortized	\$4.0	\$3.7	(\$0.3)
Common Depreciated	\$2.7	\$2.7	\$0.0
Common Amortized	\$23.8	\$24.4	\$0.6
<b>Total</b>	<b>\$185.5</b>	<b>\$184.0</b>	<b>(\$1.5)</b>



## GENERAL DISCUSSION

### **Definition**

The term "depreciation" as used in this study is considered in the accounting sense, that is, a system of accounting that distributes the cost of assets, less net salvage (if any), over the estimated useful life of the assets in a systematic and rational manner. It is a process of allocation, not valuation. This expense is systematically allocated to accounting periods over the life of the properties. The amount allocated to any one accounting period does not necessarily represent the loss or decrease in value that will occur during that particular period. The Company accrues depreciation on the basis of the original cost of all depreciable property included in each functional property group. On retirement, the full cost of depreciable property, less the net salvage value (which may be negative), is charged to the depreciation reserve.

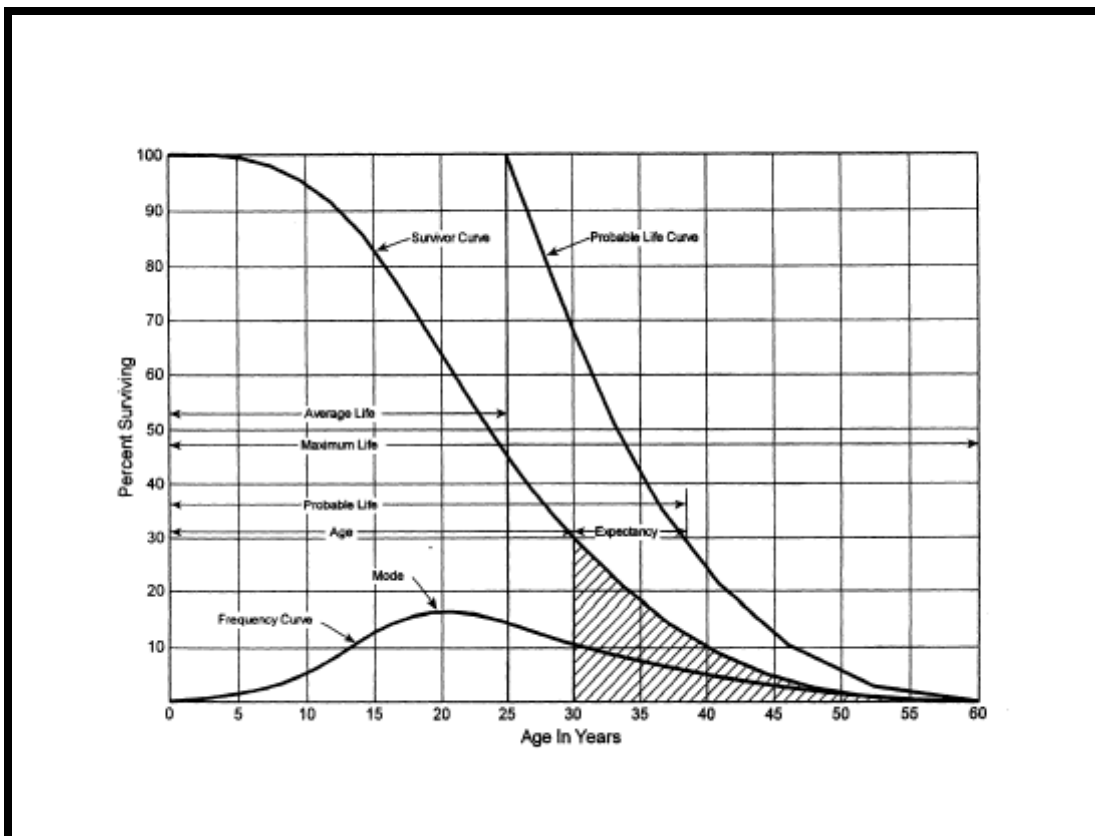
### **Basis of Depreciation Estimates**

The straight-line, broad (average) life group, remaining-life depreciation system was employed to calculate annual and accrued depreciation in this study. In this system, the annual depreciation expense for each group is computed by dividing the original cost of the asset less allocated depreciation reserve less estimated net salvage by its respective average life group remaining life. The resulting annual accrual amounts of all depreciable property within a function were accumulated, and the total was divided by the original cost of all functional depreciable property to determine the depreciation rate. The calculated remaining lives and annual depreciation accrual rates were based on attained ages of plant in service and the estimated service life and salvage characteristics of each depreciable group. The computations of the annual functional depreciation rates are shown in Appendix A.

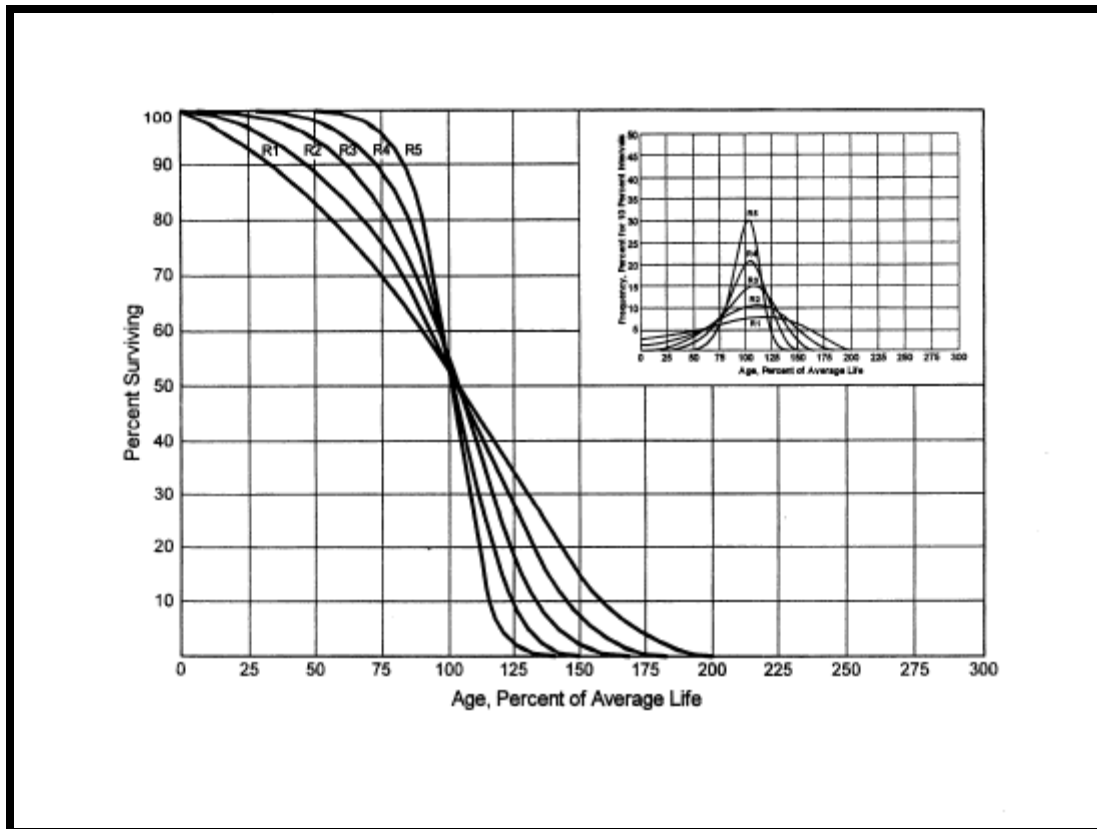
Actuarial analysis was used with each account within a function where sufficient data was available, and judgment was used to some degree on all accounts.

**Survivor Curves**

To fully understand depreciation projections in a regulated utility setting, there must be a basic understanding of survivor curves. Individual property units within a group (for example, wood distribution poles) do not normally have identical lives or investment amounts. The average life of a group can be determined by first constructing a survivor curve which is plotted as a percentage of the units surviving at each age. A survivor curve represents the percentage of property remaining in service at various age intervals. The Iowa Survivor Curves (“Iowa Curves”) are the result of an extensive investigation of life characteristics of physical property made at Iowa State College Engineering Experiment Station in the first half of the prior century. Through common usage, revalidation and regulatory acceptance, these curves have become a descriptive standard for the life characteristics of industrial property. An example of an Iowa Curve is shown below.



There are four families in the Iowa Curves that are distinguished by the relation of the age at the retirement mode (largest annual retirement frequency) and the average life. For distributions with the mode age greater than the average life, an "R" designation (i.e., Right modal) is used. The family of "R" moded curves is shown below.



Similarly, an "S" designation (i.e., Symmetric modal) is used for the family whose mode age is symmetric about the average life. An "L" designation (i.e., Left modal) is used for the curve family whose mode age is less than the average life. A special case of left modal dispersion is the "O" or origin modal curve family. Within each curve family, numerical designations are used to describe the relative magnitude of the retirement frequencies at the mode. A "6" indicates that the retirements are not greatly dispersed from the mode (i.e., high mode frequency) while a "1" indicates a large dispersion about the mode (i.e., low mode frequency). For example, a curve with an

average life of 30 years and an "L3" dispersion is a moderately dispersed, left modal curve that can be designated as a 30 L3 Curve. A SQ, or square, survivor curve occurs where no dispersion is present (i.e., units of common age retire simultaneously).

Most property groups can be closely fitted to one Iowa Curve with a unique average service life. The blending of judgment concerning current conditions and future trends along with the matching of historical data permits the depreciation analyst to make an informed selection of an account's average life and retirement dispersion pattern.

### **Actuarial Analysis**

Actuarial analysis (retirement rate method) was used in evaluating historical asset retirement experience where vintage data were available and sufficient retirement activity was present. In actuarial analysis, interval exposures (total property subject to retirement at the beginning of the age interval, regardless of vintage) and age interval retirements are calculated. The complement of the ratio of interval retirements to interval exposures establishes a survivor ratio. The survivor ratio is the fraction of property surviving to the end of the selected age interval, given that it has survived to the beginning of that age interval. Survivor ratios for all of the available age intervals were chained by successive multiplications to establish a series of survivor factors, collectively known as an observed life table. The observed life table shows the experienced mortality characteristic of the account and may be compared to standard mortality curves such as the Iowa Curves. Where data was available, accounts were analyzed using this method. Placement bands were used to illustrate the composite history over a specific era, and experience bands were used to focus on retirement history for all vintages during a set period. The results from these analyses for those accounts which had data sufficient to be analyzed using this method are shown in the Life Analysis section of this report.

**Simulated Plant Record Procedure**

The Simulated Plant Record Procedure - Balances approach (“SPR”) is one of the commonly accepted approaches to analyze mortality characteristics of utility property. SPR was applied to some of the Electric and Gas Distribution accounts due to the unavailability of vintaged transactional data. In this method, an Iowa Curve and average service life are selected as a starting point of the analysis and its survivor factors are applied to the actual annual additions to give a sequence of annual balance totals. These simulated balances are compared with the actual balances by using both graphical and statistical analysis. Through multiple comparisons, the mortality characteristics (as defined by an average life and Iowa Curve) that are the best match to the property in the account can be found.

The Conformance Index (“CI”) is one measure used to evaluate various SPR analyses. CIs are also used to evaluate the "goodness of fit" between the actual data and the Iowa Curve being referenced. The sum of squares difference (“SSD”) is a summation of the difference between the calculated balances and the actual balances for the band or test year being analyzed. This difference is squared and then summed to arrive at the SSD, where n is the number of years in the test band as follows:

$$SSD = \sum_i^n (Calculated\ Balance_i - Observed\ Balance_i)^2$$

This calculation can then be used to develop other calculations, which the analyst feels might give a better indication for the “goodness of fit” for the representative curve under consideration. The residual measure (“RM”) is the square root of the average squared differences as developed above. The residual measure is calculated as follows:

$$RM = \sqrt{\left( \frac{SSD}{n} \right)}$$

The CI is developed from the residual measure and the average observed plant balances for the band or test year being analyzed. The calculation of conformance index is shown below:

$$CI = \frac{\sum_i^n Balances_i / n}{RM}$$

The Retirement Experience Index (“REI”) gives an indication of the maturity of the account and is the percent of the property retired from the oldest vintage in the band at the end of the test year. Retirement indices range from 0 percent to 100 percent and a REI of 100 percent indicates that a complete curve was used. A REI less than 100 percent indicates that the survivor curve was truncated at that point. The originator of the SPR method, Alex Bauhan, suggests ranges of value for the CI and REI. The relationship for CI proposed by Bauhan is shown below<sup>1</sup>:

CI	Value
Over 75	Excellent
50 to 75	Good
25 to 50	Fair
Under 25	Poor

---

<sup>1</sup> Public Utility Depreciation Practices, p. 96.

The relationship for REI proposed by Bauhan<sup>2</sup> is shown below:

REI	Value
Over 75	Excellent
50 to 75	Good
33 to 50	Fair
17 to 33	Poor
17 and below	Valueless

Depreciation analysts have used these measures in analyzing SPR results for nearly 60 years, since the SPR method was developed. Both the CI and REI statistics provide the analyst with important information with which to make a comparison between a band of simulated or calculated balances and the observed or actual balances in the account being studied.

Statistics are useful in analyzing mortality characteristics of accounts, as well as determining a range of service lives to be analyzed using the detailed graphical method. However, these statistics boil all the information down to one, or at most, a few numbers for comparison. Visual matching through comparison between actual and calculated balances expands the analysis by permitting the analyst to view many points of data at a time. The goodness of fit should be visually compared to plots of other Iowa Curve dispersions and average lives for the selection of the appropriate curve and life. Detailed information for each account is shown later in this study and in workpapers.

### **Judgment**

Any depreciation study requires informed judgment by the analyst conducting the study. A knowledge of the property being studied, company policies and procedures, general trends in technology and industry practice, and a sound basis of understanding depreciation theory are needed to apply this informed judgment. Judgment was used in areas such as survivor curve modeling and selection, depreciation method selection, simulated plant record method analysis, and actuarial analysis.

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<sup>2</sup> Public Utility Depreciation Practices, p. 97.

Judgment is not defined as being used in cases where there are specific, significant pieces of information that influence the choice of a life or curve. Those cases would simply be a reflection of specific facts into the analysis. Where there are multiple factors, activities, actions, property characteristics, statistical inconsistencies, implications of applying certain curves, property mix in accounts or a multitude of other considerations that impact the analysis (potentially in various directions), judgment is used to take all of these factors and synthesize them into a general direction or understanding of the characteristics of the property. Individually, no one factor in these cases may have a substantial impact on the analysis, but overall, may shed light on the utilization and characteristics of assets. Judgment may also be defined as deduction, inference, wisdom, common sense, or the ability to make sensible decisions. There is no single correct result from statistical analysis; hence, there is no answer absent judgment. At the very least for example, any analysis requires choosing the bands on which to place more emphasis.

The establishment of appropriate average service lives and retirement dispersions for the Transmission, Distribution, and General Plant accounts for the Electric, Gas, and Common utilities requires judgment to incorporate the understanding of the operation of the system with the available accounting information analyzed using the Retirement Rate actuarial methods. The appropriateness of lives and curves depends not only on statistical analyses, but also on how well future retirement patterns will match past retirements.

Current applications and trends in use of the equipment also need to be factored into life and survivor curve choices in order for appropriate mortality characteristics to be chosen.

#### **Average Life Group Depreciation**

NSP was authorized to use the average life group (“ALG”) depreciation procedure in MPUC Docket Numbers E, G-002/D-07-1528 (5-year depreciation study) and E002/GR-10-971 (general rate case for electric). At the request of the Company, this study continues to use the ALG depreciation procedure to group the assets within each account. After an average service life and dispersion curve were



selected for each account, those parameters were used to estimate what portion of the surviving investment of each vintage was expected to retire. The depreciation of the group continues until all investment in the vintage group is retired. ALG is defined by their respective account dispersion curve, life, and salvage estimates. A straight-line rate for each ALG is calculated by computing a composite remaining life for each group across all vintages within the group, dividing the remaining investment to be recovered by the remaining life to find the annual depreciation expense and dividing the annual depreciation expense by the surviving investment. The resultant rate for each ALG group is designed to recover all retirements less net salvage when the last unit retires. The ALG procedure recovers net book cost over the life of each account by averaging many components.

### **Theoretical Depreciation Reserve**

The book depreciation reserve was derived from Company records and was reallocated from a functional level to individual accounts. This study used a reserve model that relied on a prospective concept relating future retirement and accrual patterns for property, given current life and salvage estimates. The theoretical reserve of a group is developed from the estimated remaining life, total life of the property group, and estimated net salvage. The theoretical reserve represents the portion of the group cost that would have been accrued if current forecasts were used throughout the life of the group for future depreciation accruals. The computation involves multiplying the vintage balances within the group by the theoretical reserve ratio for each vintage. The average life group method requires an estimate of dispersion and service life to establish how much of each vintage is expected to be retired in each year until all property within the group is retired. Estimated average service lives and dispersion determine the amount within each average life group. The straight-line remaining-life theoretical reserve ratio ("RR") at any given age is calculated as:

$$RR = 1 - \frac{(\text{Average Remaining Life})}{(\text{Average Service Life})} * (1 - \text{Net Salvage Ratio})$$

The use of the remaining life method effectively spreads any actual to theoretical reserve variance over the expected remaining life of the account.

### **Change to Average Life Group Remaining life Depreciation System**

In the Company's 2010 electric rate case (Docket No. E002/GR-10-971) there was significant attention given to the difference in the theoretical and actual reserves. To address that concern, the Company recommended that the net book value be recovered over the remaining life of each Electric account. The 2010 rate case was resolved by settlement, so the MPUC did not expressly address the issue. This study recommends implementation of a remaining life depreciation system.

Use of the remaining life depreciation system adds a self-correcting mechanism, which accounts for any differences between theoretical and book depreciation reserve over the remaining life of each depreciable group. Use of remaining life ensures that the difference between book and theoretical reserve will be amortized ratably over the remaining life of the group.

## DETAILED DISCUSSION

### Depreciation Study Process

This depreciation study encompassed four distinct phases. The first phase involved data collection and field interviews. The second phase was where the initial data analysis occurred. The third phase was where the information and analysis was evaluated. Once the first three stages were complete, the fourth phase began. This phase involved the calculation of depreciation rates and documenting the corresponding recommendations.

During the Phase I data collection process, historical data was compiled from continuing property records and general ledger systems. Data was validated for accuracy by extracting and comparing to multiple financial system sources. Audit of this data was validated against historical data from prior periods, historical general ledger sources, and field personnel discussions. This data was reviewed extensively to put in the proper format for a depreciation study. Further discussion on data review and adjustment is found in the Salvage Considerations Section of this study. Also as part of the Phase I data collection process, numerous discussions were conducted with engineers and field operations personnel to obtain information that would assist in formulating life and salvage recommendations in this study. One of the most important elements of performing a proper depreciation study is to understand how the Company utilizes assets and the environment of those assets. Interviews with engineering and operations personnel are important ways to allow the analyst to obtain information that is beneficial when evaluating the output from the life and net salvage programs in relation to the Company's actual asset utilization and environment. Information that was gleaned in these discussions is found both in the Detailed Discussion of this study in the life analysis and salvage analysis sections and also in workpapers.

Phase 2 is where the actuarial analysis is performed. Phase 2 and 3 overlap to a significant degree. The detailed property records information is used in phase 2 to develop observed life tables for life analysis. These tables are visually compared to industry standard tables to determine historical life characteristics. It is possible

that the analyst would cycle back to this phase based on the evaluation process performed in Phase 3. Net salvage analysis consists of compiling historical salvage and removal data by functional group to determine values and trends in gross salvage and removal cost. This information was then carried forward into Phase 3 for the evaluation process.

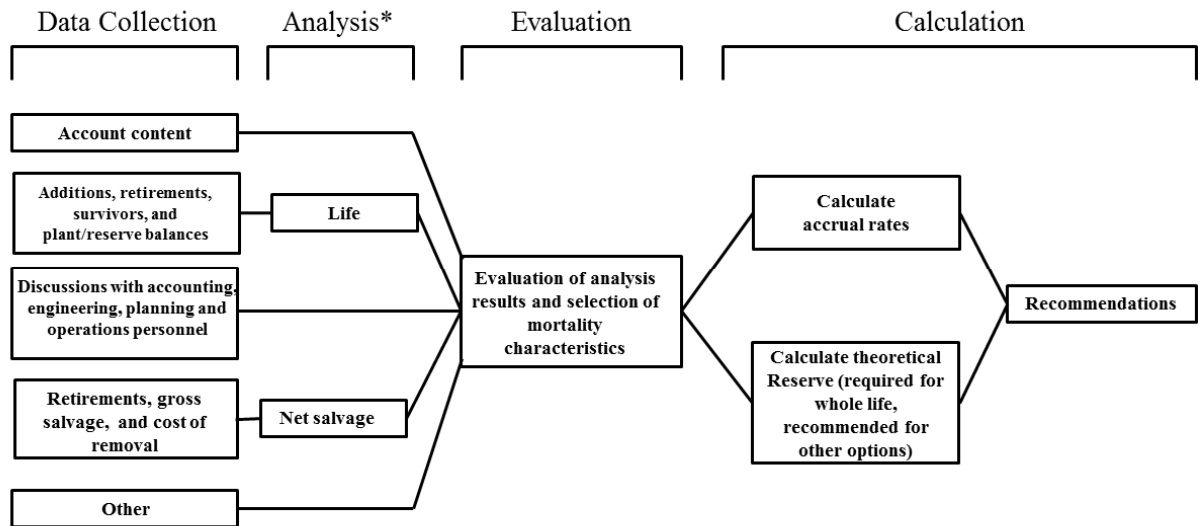
Phase 3 is the evaluation process which synthesizes analysis, interviews, and operational characteristics into a final selection of asset lives and net salvage parameters. The historical analysis from Phase 2 is further enhanced by the incorporation of recent or future changes in the characteristics or operations of assets that were revealed in Phase 1. Phases 2 and 3 allow the depreciation analyst to validate the asset characteristics as seen in the accounting transactions with actual Company operational experience.

Finally, Phase 4 involved the calculation of accrual rates, making recommendations and documenting the conclusions in a final report. The calculation of accrual rates is found in Appendix A. Recommendations for the various accounts are contained within the Detailed Discussion of this report. The depreciation study flow diagram shown as Figure 1<sup>3</sup> documents the steps used in conducting this study. Depreciation Systems, page 289 documents the same basic processes in performing a depreciation study which are: Statistical analysis, evaluation of statistical analysis, discussions with management, forecast assumptions, and document recommendations.

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<sup>3</sup> Public Utility Finance & Accounting, A Reader

### Book Depreciation Study Flow Diagram



Source: Public Utility Finance & Accounting: A Reader (Modified)

\*Although not specifically noted, the mathematical analysis may need some level of input from other sources (for example, to determine analysis bands for life and adjustments to data used in all analysis).

Figure 1

## **NORTHERN STATES POWER COMPANY - MINNESOTA DEPRECIATION STUDY PROCESS**

### **Depreciation Rate Calculation**

Annual depreciation expense amounts for the depreciable accounts of Northern States Power Company - Minnesota were calculated by the straight-line method, average life group procedure, and remaining-life technique. With this approach, remaining lives were calculated according to standard ALG expectancy techniques, using the Iowa Curves noted in the calculation. For each plant account under the FERC Uniform System of Accounts, the difference between the surviving investment, adjusted for estimated net salvage, and the allocated book depreciation reserve, was divided by the average remaining life to yield the annual depreciation expense. These calculations are shown in Appendix A.

In the Company's last electric rate case (Docket No. E002/GR-10-971), there was significant attention given to the difference in the theoretical and actual reserve margins. The rate case was resolved by settlement. To address that concern, however, the Company directed that the net book cost be recovered over the remaining life of each account. Use of the remaining life depreciation system adds a self-correcting mechanism, which accounts for any differences between theoretical and book depreciation reserve over the remaining life of the group.

### **Remaining Life Calculation**

The establishment of appropriate average service lives and retirement dispersions for each account within a functional group was based on engineering judgment that incorporated available accounting information analyzed using the Retirement Rate actuarial methods. After establishing the appropriate average service lives and retirement dispersion, the remaining life was computed for each account. The theoretical depreciation reserve with zero net salvage was calculated using theoretical reserve ratios as defined in the theoretical reserve portion of the General Discussion section. The difference between book depreciation reserve and theoretical reserve was then spread over the remaining life by ALG group. Remaining life computations are found for each account in workpapers.

**Calculation Process**

Annual depreciation expense amounts for all accounts was calculated by the straight line, remaining life procedure.

In a whole life representation, the annual accrual rate is computed by the following equation,

$$\text{Annual Accrual Rate} = \frac{(100\% - \text{Net Salvage Percent})}{\text{Average Service Life}}$$

Use of the remaining life depreciation system adds a self-correcting mechanism, which accounts for any differences between theoretical and book depreciation reserve over the remaining life of the group. With the straight line, remaining life, average life group system using Iowa Curves, composite remaining lives were calculated according to standard broad group expectancy techniques, noted in the formula below:

$$\text{Composite Remaining Life} = \frac{\sum \text{Original Cost} - \text{Theoretical Reserve}}{\sum \text{Whole Life Annual Accrual}}$$

For each plant account, the difference between the surviving investment, adjusted for estimated net salvage, and the allocated book depreciation reserve, was divided by the composite remaining life to yield the annual depreciation expense as noted in this equation where the Net Salvage% represents future net salvage.

$$\text{Annual Depreciation Expense} = \frac{\text{Original Cost} - \text{Book Reserve} - (\text{Original Cost}) * (1 - \text{Net Salvage \%})}{\text{Composite Remaining Life}}$$

Within a group, the sum of the group annual depreciation expense amounts, as a percentage of the depreciable original cost investment summed, gives the annual depreciation rate as shown below:

$$\text{Annual Depreciation Rate} = \frac{\sum \text{Annual Depreciation Expense}}{\sum \text{Original Cost}}$$



These calculations are shown in Appendix A. The calculations of the theoretical depreciation reserve values and the corresponding remaining life calculations are shown in workpapers. Book depreciation reserves were allocated from a functional level to individual accounts and the theoretical reserve computation was used to compute a composite remaining life for each account. A comparison between theoretical reserve and the reallocated book reserve is shown in Appendix D for all accounts.

### **Life Analysis**

The retirement rate actuarial analysis method was applied to accounts which had sufficient aged data for Northern States Power Company - Minnesota. Some of the mass distribution accounts only had aged retirement data from transaction year 2001 forward. Those accounts were analyzed with the SPR balances method. The distribution accounts analyzed with SPR were: Electric 364 Poles, Towers & Fixtures, 365 Overhead Conductor & Devices, 369 Services - Overhead, 369 Services - Underground, 373 Street Lighting & Signal Systems, and Gas: 376 Mains - Metallic, 376 Mains - Plastic, 380 Services - Metallic, and 380 Services - Plastic. For each account with sufficient data, an actuarial retirement rate analysis was made with placement and experience bands of varying width. The historical observed life table was plotted and compared with various Iowa Curves to obtain the most appropriate match. A selected curve for each account is shown in the Life Analysis Section of this report. The observed life tables for all analyzed placement and experience bands are provided in workpapers.

For each account on the overall band (i.e. placement from earliest vintage year which varied for each account through 2011), approved survivor curves from MPUC Docket Nos. E,G-002/D-07-1528 and E002/GR-10-971, if applicable modified by subsequent orders, were used as a starting point. Then using the same average life, various dispersion curves were plotted. Frequently, visual matching would confirm one specific dispersion pattern (i.e. L, S. or R) as an obviously better match than others. The next step would be to determine the most appropriate life using that dispersion pattern. Then, after looking at the overall experience band, different

experience bands were plotted and analyzed: in increments of approximately 20 years, for instance 1962-2011, 1982-2011, etc. Next placement bands of varying width were plotted with each experience band discussed above. Repeated matching usually pointed to a focus on one dispersion family and small range of service lives. The goal of visual matching was to minimize the differential between the observed life table and lowa curve in top and mid range of the plots. These results are used in conjunction with all other factors that may influence asset lives.

For account(s) which had insufficient data for actuarial analysis, a simulated plant record method analysis was performed at intervals for the overall band and at 5 year intervals within the overall balance period. In addition to reviewing the SPR analysis for each band and account, a graphical comparison between actual and simulated balances was performed.

These results are used in conjunction with all other factors that may influence asset lives.

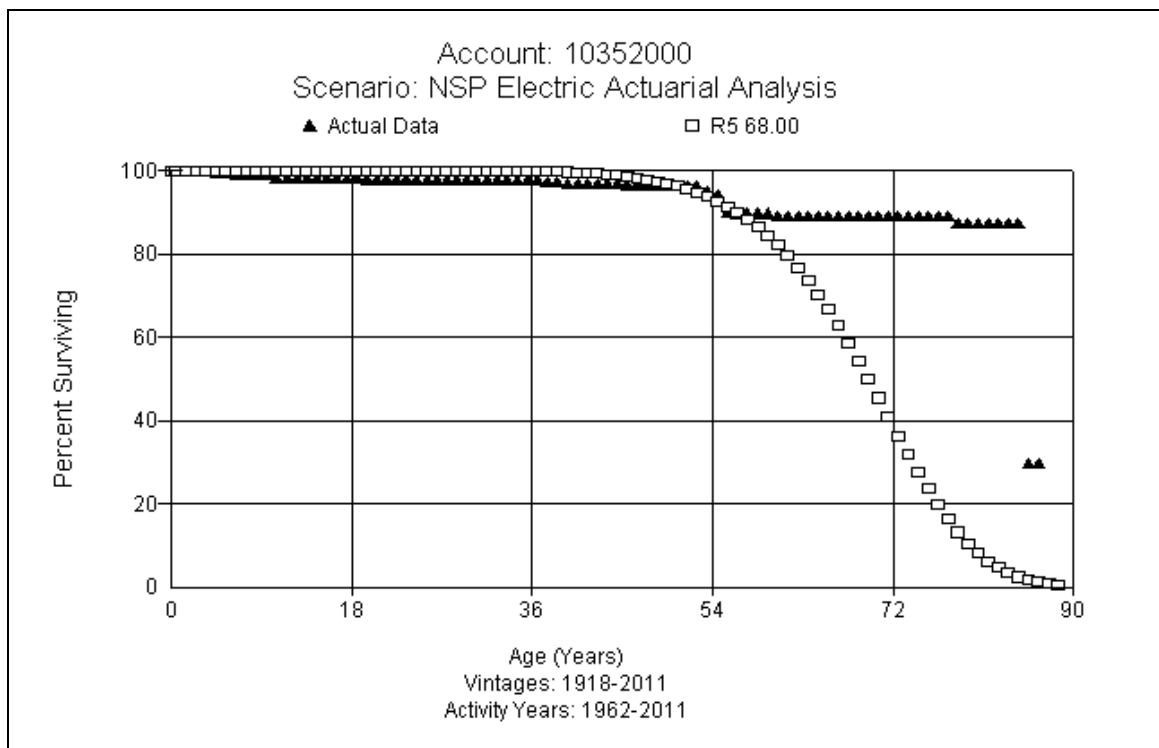
**ELECTRIC PLANT**

**TRANSMISSION**

**Transmission Accounts, FERC Accounts 352-358**

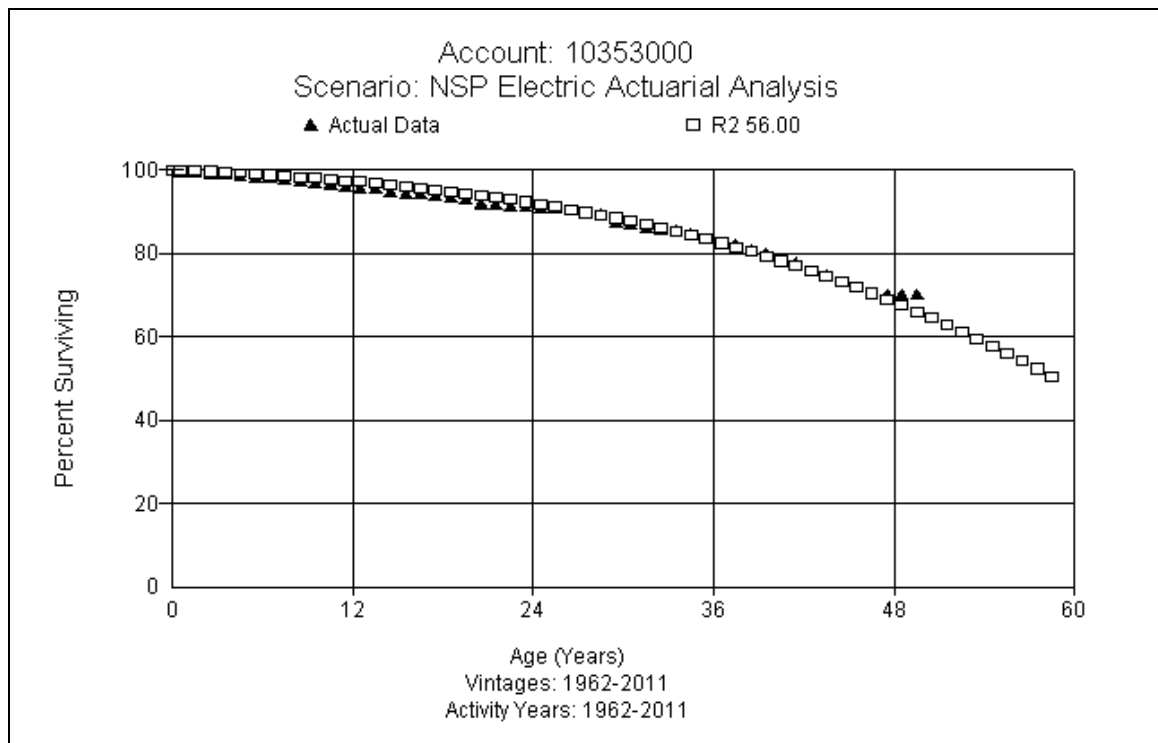
**FERC Account 352 Transmission Structures & Improvements (proposed 68 year life with a R5 dispersion curve)**

This account includes buildings, fencing and other structures found in a transmission substation. The current investment balance is \$46.9 million. The approved life and curve is 45 years with a S1 dispersion curve. There is a limited amount of data for actuarial analysis. Narrow bands do not have sufficient data with curves that stop a 97 percent are higher. For the overall band, a longer life greatly in excess of the current 45 year life is indicated. Company personnel anticipate a longer life than approved, in the range of 65 to 70 years. Frost and severe winter conditions are factors that can contribute to retirements in Minnesota. Based on judgment and Company experience, a 68 year life is proposed for this account with a move from a S1 dispersion curve to a R5 dispersion curve.



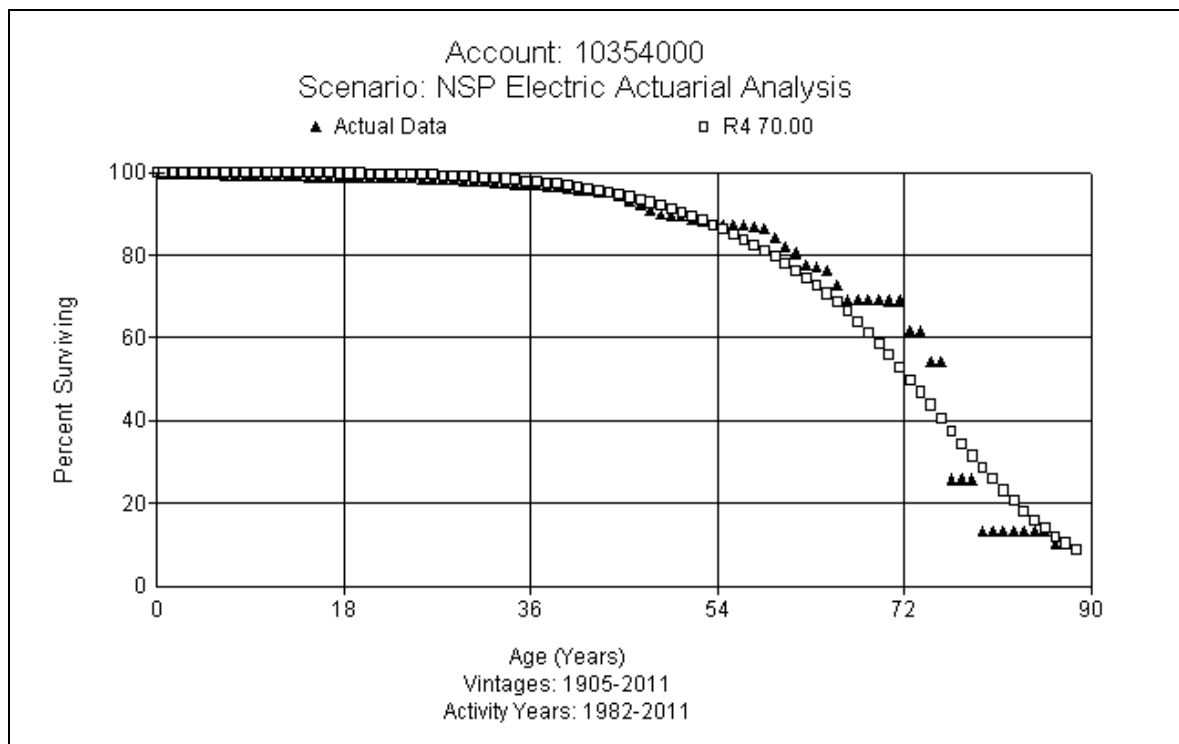
**FERC Account 353 Transmission Station Equipment (proposed 56 year life with a R2 dispersion curve)**

This account contains a wide variety of transmission substation equipment, from circuit breakers to switchgear. The current investment balance is \$856.3 million. The current approved life is 38 years with a SC dispersion curve. The Company maintains a table of low, normal, and long expectations for the various assets types in this account. Company personnel believe the middle or normal estimate is the most reflective of the Company assets. Relays are transitioning from electromechanical and solid state to microprocessor relays with an estimated life of 30 years. Company personnel expect to replace all older relays in the next 8-10 years. Life analysis across a variety of bands shows a longer life, in the 50 year and over range. Based on actuarial experience and judgment regarding the asset groups in this account, this study recommends moving to a 56-year life with a R2 dispersion curve for this account.



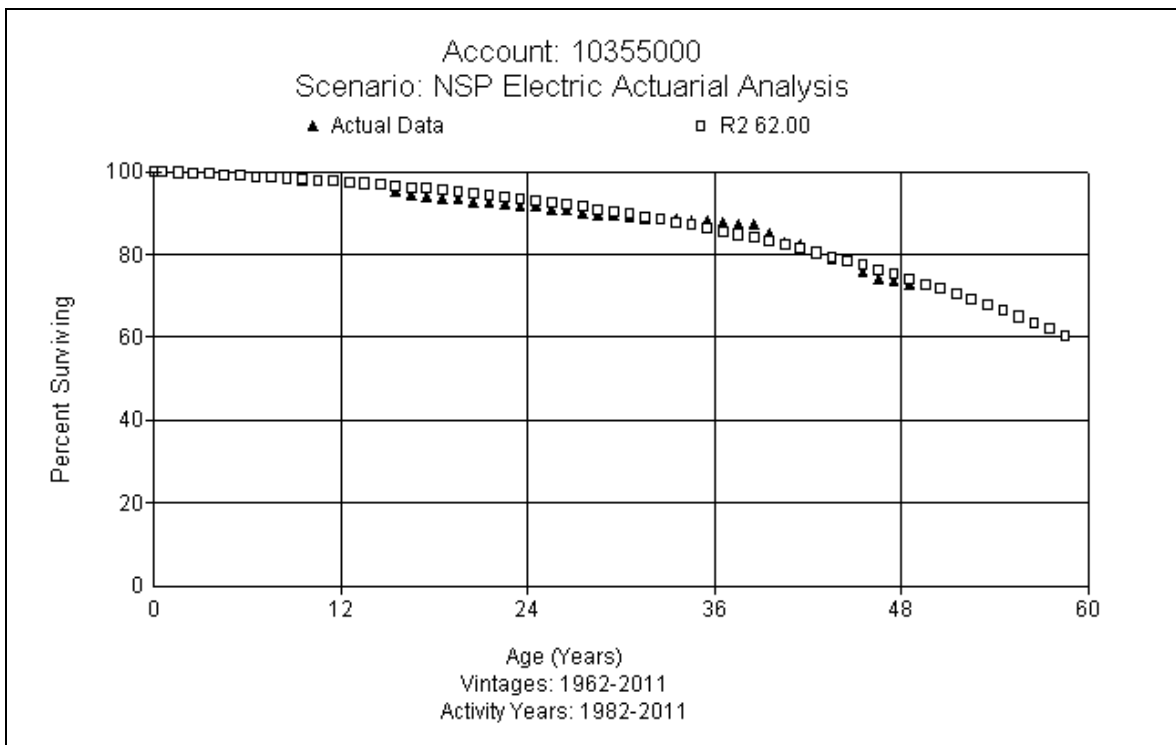
**FERC Account 354 Transmission Towers & Fixtures (proposed 70 year life with a R4 dispersion curve)**

This account consists of Transmission towers and fixtures, which are used to transmit electricity at a voltage of 69 kV and above. The current investment balance is \$113.9 million. The current approved life is the 50 years with a R4 dispersion curve. There has been a smaller amount of retirements occurring for towers versus other transmission accounts. Some towers are beginning to exhibit corrosion, and the structures will likely not be relocated. Company personnel anticipate a significantly longer life than the existing 50 years, on the order of 70 years or longer. Based on Company experience and judgment, this study recommends moving to a 70 year life with a R4 dispersion curve for this account.



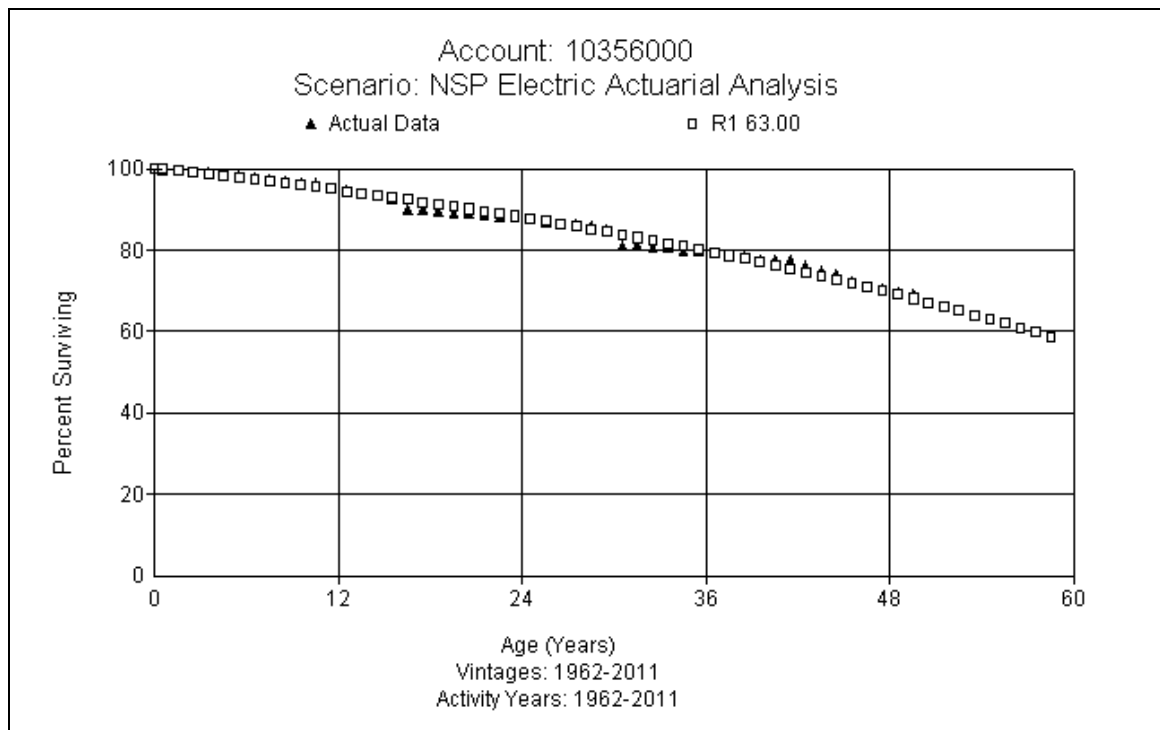
**FERC Account 355 Transmission Poles & Fixtures (proposed 62 year life with a R2 dispersion curve)**

This account consists of Transmission poles and fixtures, which are used to transmit electricity at a voltage of 69 kV and above. The current investment balance is \$557.9 million. The current approved life is 45 years with a R1.5 dispersion curve. Company personnel expect that 100 percent of all structures will have been retired by the age of 75 years, and perhaps 80 percent will last past 50 years. A small percentage will retire in the first 25 years. By 75 years, structures will have degraded to the point that they will all have to be replaced. Rot, obsolescence, change in energy flow, and new capacity are all potential causes of retirement. Their opinion is that the current 45 year life is shorter than expected. Based on the best fitting curves for the majority of the placement and experience band combinations, a life of 62 years with a R2 dispersion curve is recommended for this account.



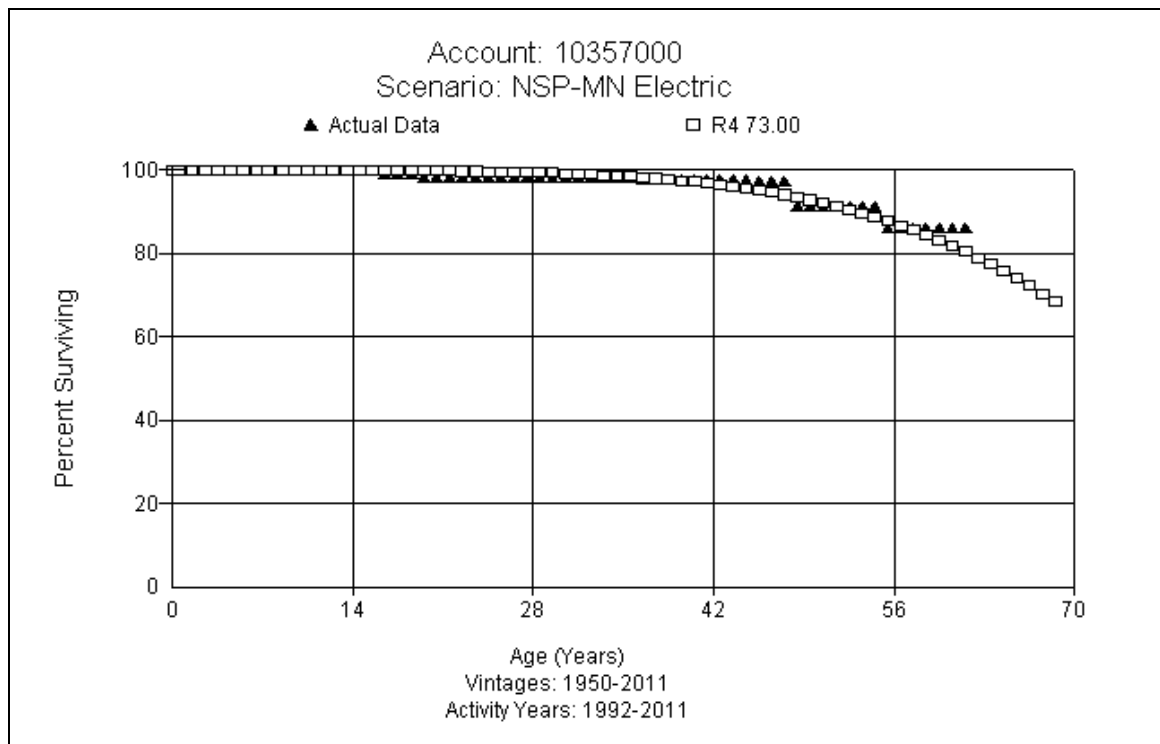
**FERC Account 356 Transmission Overhead Conductor & Devices (proposed 63 life with a R1 dispersion curve)**

This account consists of Transmission overhead conductors, which are used to transmit electricity at voltages of 69 kV and above. The current investment balance is \$303.7 million. The current approved life is 42 years with a L1 dispersion curve. Company personnel anticipate that conductor will have a life similar to poles in Account 355. Conductor may be replaced when it is too small or exhibits problems such as corrosion, falling splices, storms, or sag issues. Glass insulators are being replaced on dead ends and polymer on tangents. Polymer insulators are expected to last 30 years and be replaced once over the life of the line for polymer or life of life for glass. Based on the actuarial analysis, life indications are moving to a longer life, as noted by Company personnel. This study recommends a life of 63 years with a R1 dispersion curve for this account.



**FERC Account 357 Transmission Underground Conduit (proposed 73 year life with a R4 dispersion curve)**

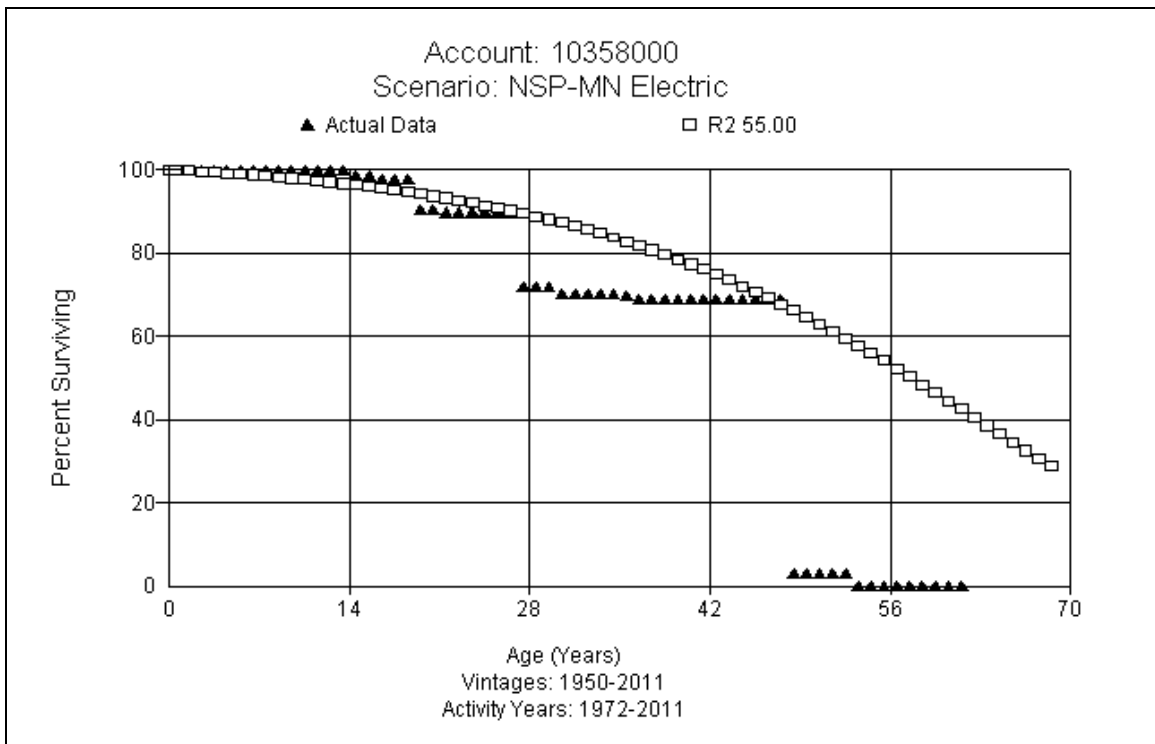
This account consists of underground conduit. The current investment balance is \$12.1 million. The current approved life is 55 years with a L1.5 dispersion curve. Retirement data is limited for this account. Company personnel believe the current life for conduit is too short and recommend a life around 70 years. Based on actuarial analysis and input from Company personnel, this study recommends moving to a life of 73 years with a R4 dispersion curve for this account.





**FERC Account 358 Transmission Underground Conductor & Devices  
 (proposed 55 year with a R2 dispersion curve)**

This account consists of underground conductor. The lines are low pressure oil filled; paper wrapped 500 MCM copper cable. The current investment balance is \$21.0 million. The current approved life is 40 years with a L1 dispersion curve. Company personnel indicate overall a life of 55 years for underground conductor is a reasonable expectation. Based on input from Company personnel and actuarial analysis, this study recommends moving to a life of 55 years with a R2 dispersion curve for this account

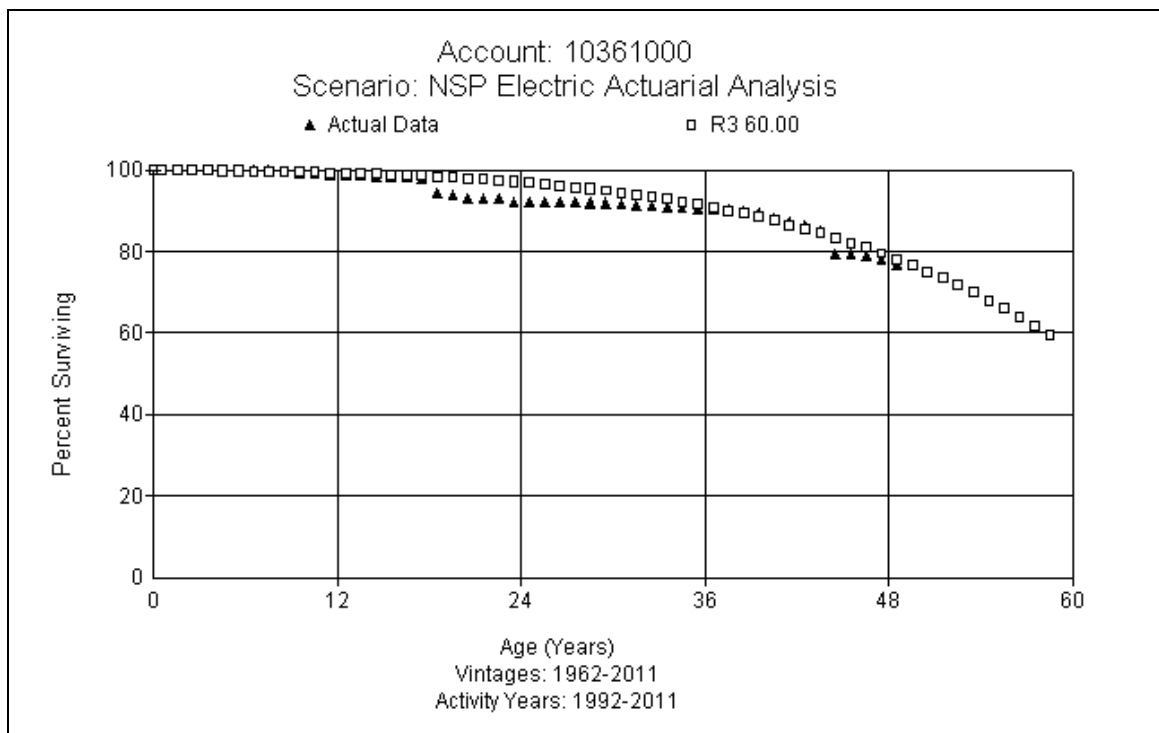


**DISTRIBUTION**

**Distribution Accounts, FERC Accounts 361 - 373**

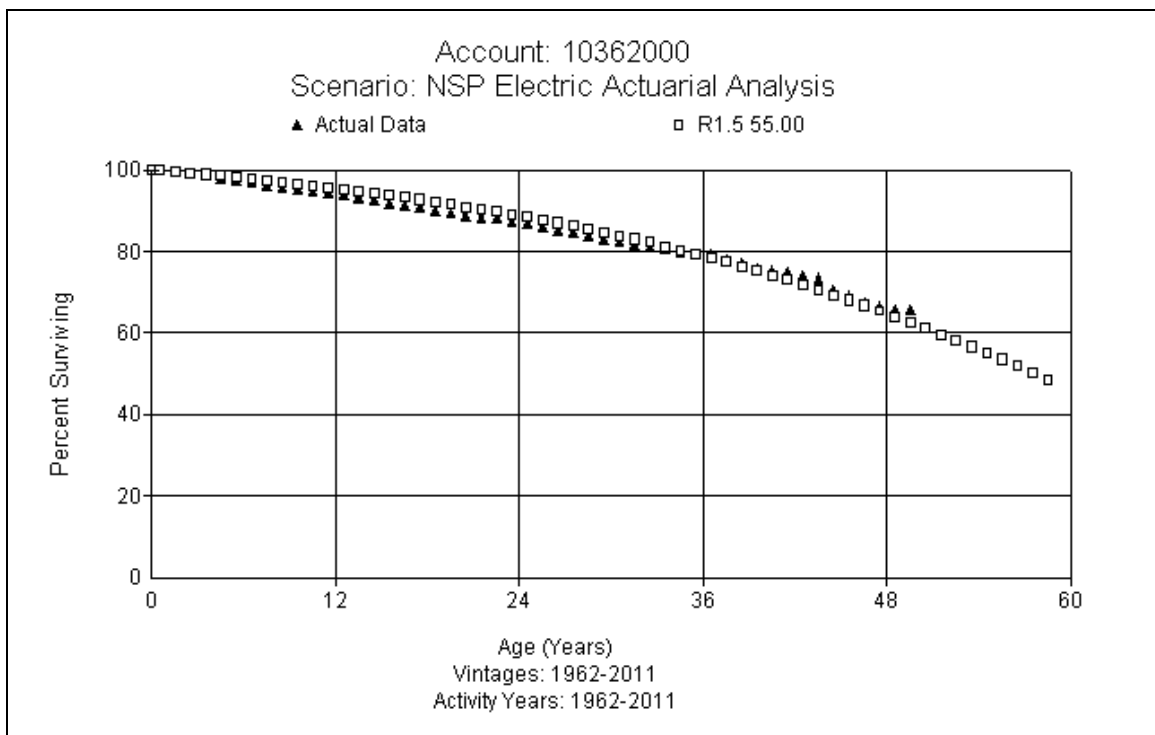
**FERC Account 361 Distribution Structures & Improvements (proposed 60 year life with a R3 dispersion curve)**

This grouping contains facilities ranging from fencing to other structures found in distribution substations. The current investment balance for Minnesota is \$33.5 million for this account. The current approved life is a 45 years with a R1 dispersion curve. Life analysis results are based on a total Company data. Company personnel anticipate a longer life than currently approved with the expectation that it will be less than Account 352, Transmission Structures and Improvements. After analyzing actuarial analysis results, a life of 60 years with a R3 dispersion curve is recommended for this account.



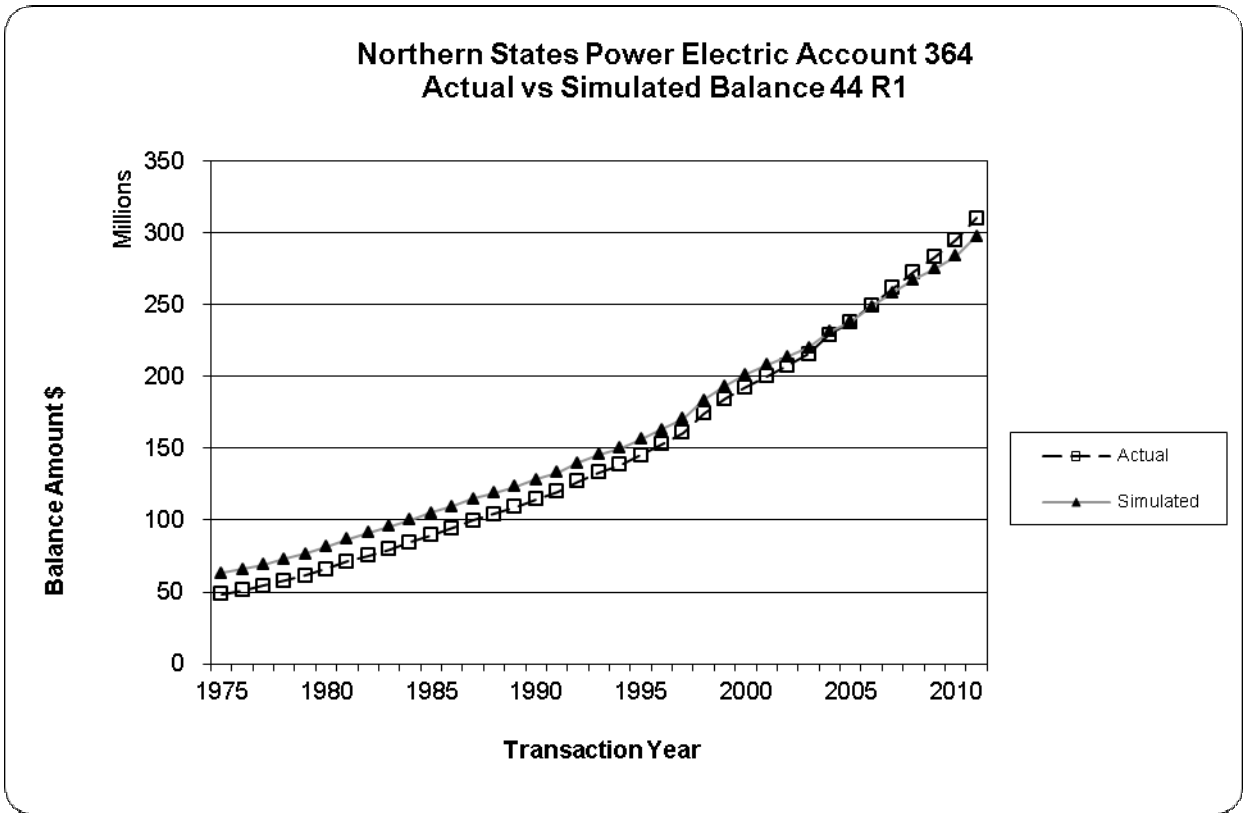
**FERC Account 362 Distribution Station Equipment (proposed 55 year life with a R1.5 dispersion curve)**

This grouping contains a wide variety of distribution substation equipment, from circuit breakers to switchgear. The current investment balance for Minnesota is \$432.9 million. The current approved life is a 38 years with a R1 dispersion curve. Life analysis results are based on total Company data. Company personnel expect the life of this account will be similar to Account 353, Transmission Substation Equipment, thus longer than the existing life. Multiple placement and experience bands show that a 55 year with a R1.5 dispersion curve is a good fit for many bands. Based on Company history and judgment, this study recommends a life of 55 years with a R1.5 dispersion curve for this account.



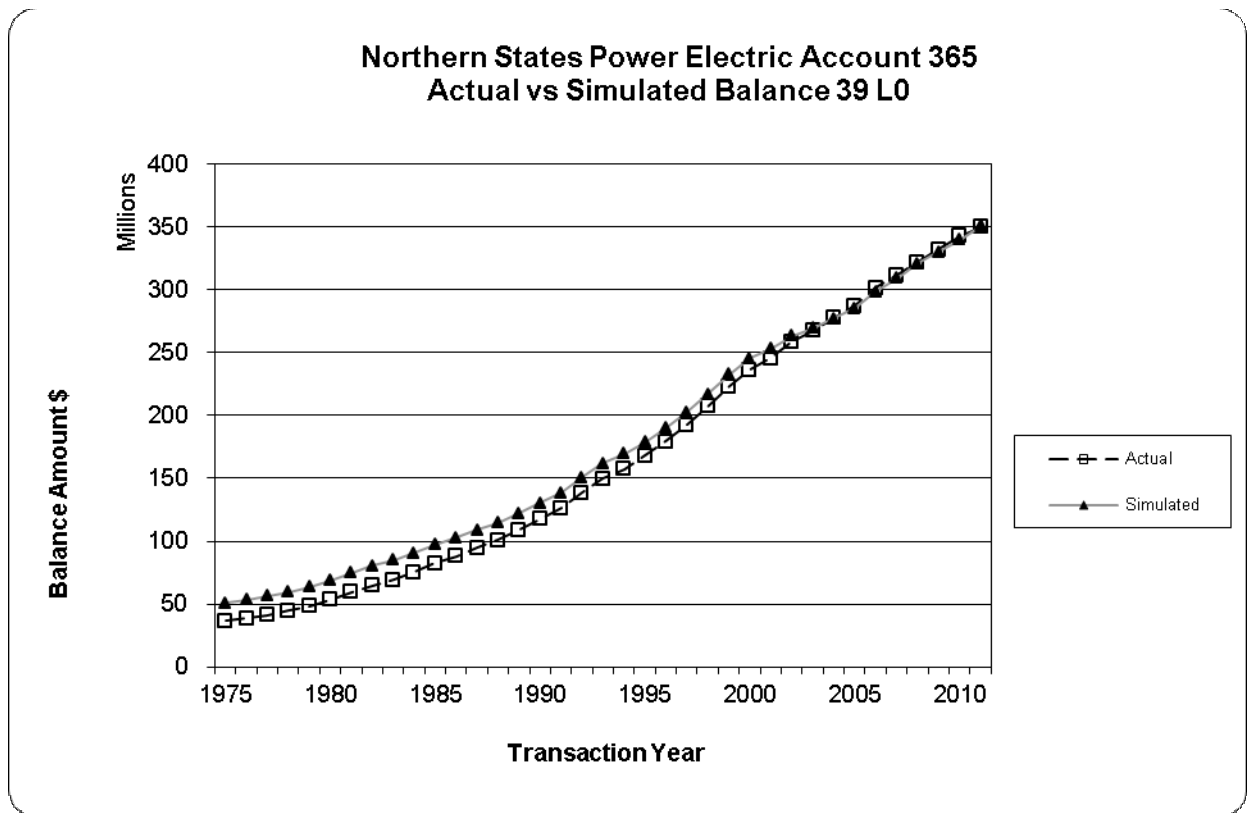
**FERC Account 364 Distribution Poles, Towers & Fixtures (proposed 44 year life with a R1 dispersion curve)**

This account contains poles and towers of various material types: wood and steel. Most of the poles across the system are made of wood. The height of these assets can range from 35 feet to 70 feet with the prevalent sizes being 45 feet and up. The current investment balance for Minnesota is \$277.0 million for this account. The current approved life is 40 years with a R1.5 dispersion curve. Life analysis results are based on total Company data. SPR analysis was used since actuarial results are available from 2001 forward only. Company personnel report that western red cedar poles were used up to 10 years ago and poles are now treated pine. Company experts believe the life of cedar would probably be 40-45 years and treated pine would be less than 40 years. The two biggest issues are rot and relocations. A pole testing program is producing proactive replacement activity. Steel is only used when building near a transmission structure. Based on life analysis results and input from Company personnel a 44 year life with a R1 dispersion curve is recommended for this account. A comparison of actual versus simulated balances is shown below.



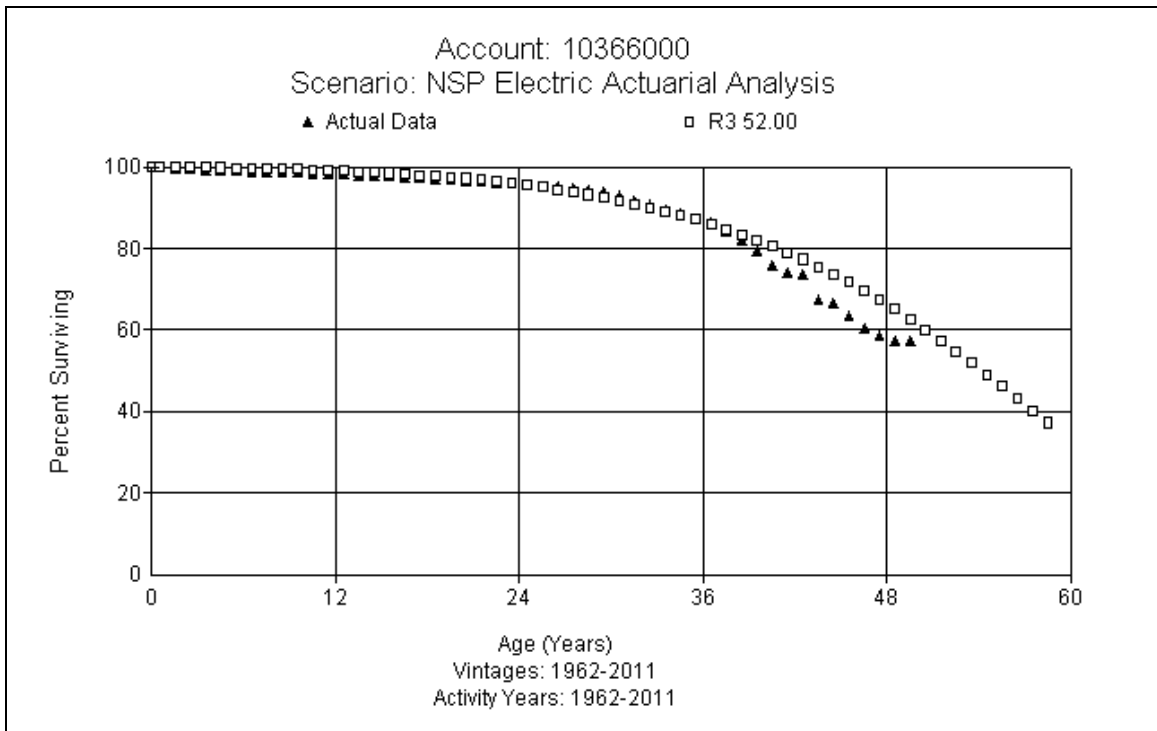
**FERC Account 365 Distribution Overhead Conductor & Devices (proposed 39 year life with a L0 dispersion curve)**

This account consists of overhead conductor of various thickness, as well as various switches and reclosers. The current investment balance for Minnesota is \$305.3 million for this account. The current approved life is a 35 years with a R1 dispersion curve. Life analysis results are based on total Company data. Company personnel report that insulators are made of porcelain and polymer. Polymer has only been used for the past 8-12 years, so there is limited experience. The primary reasons for retirements are overloads, tree issues, more than 2 splices in a span, and capacity issues. Life analysis shows a shorter life than poles with life increasing in the narrowest bands. Based on life analysis and judgment, a 39 year life with a L0 dispersion curve is recommended for this account. A comparison of actual versus simulated balances is shown below.



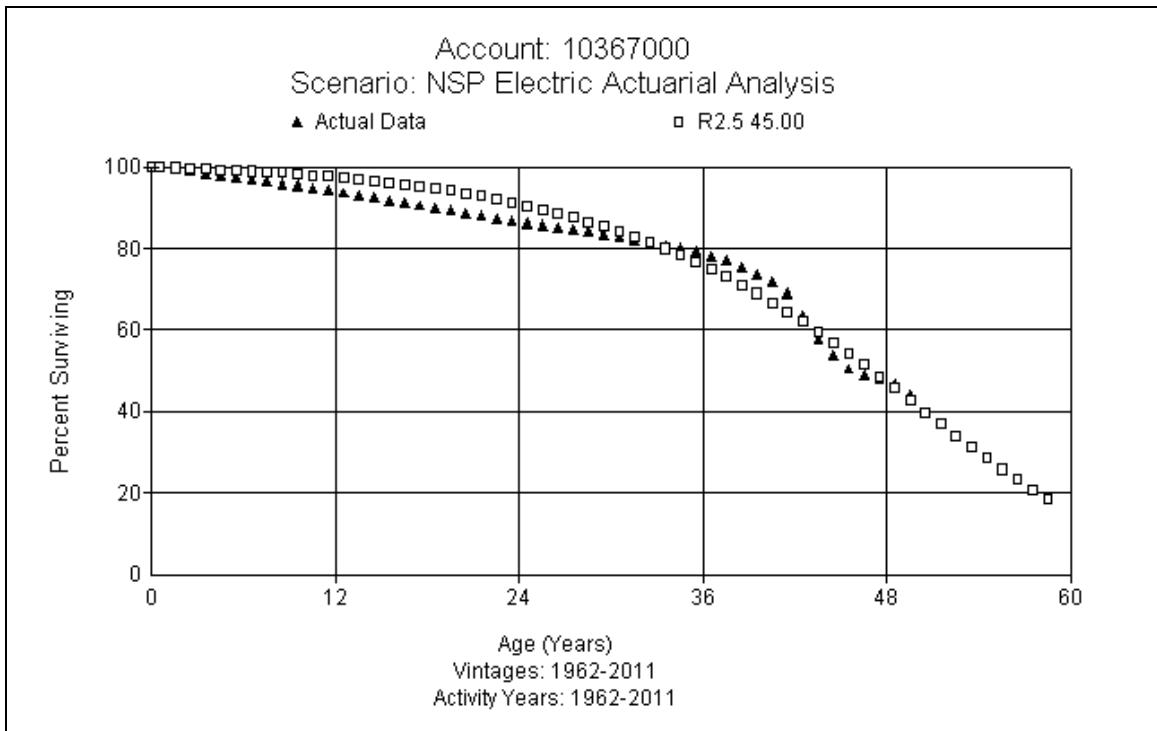
**FERC Account 366 Distribution Underground Conduit (proposed 52 year life with a R3 dispersion curve)**

This account consists of conduit, duct banks, vaults, manholes, and ventilating system equipment. The current investment balance for Minnesota is \$195.5 million for this account. The current approved life is 50 years with a R3 dispersion curve. Life analysis results are based on total Company data. Sufficient actuarial data exists for this account, so that methodology was used to analyze life. Across multiple placement and experience bands a 52 year life with a R3 dispersion curve provides a good fit. Based on Company experience, the current depreciation study recommendation is a 52 year life with a R3 dispersion curve.



**FERC Account 367 Distribution Underground Conductor & Devices (proposed 45 life with a R2.5 dispersion curve)**

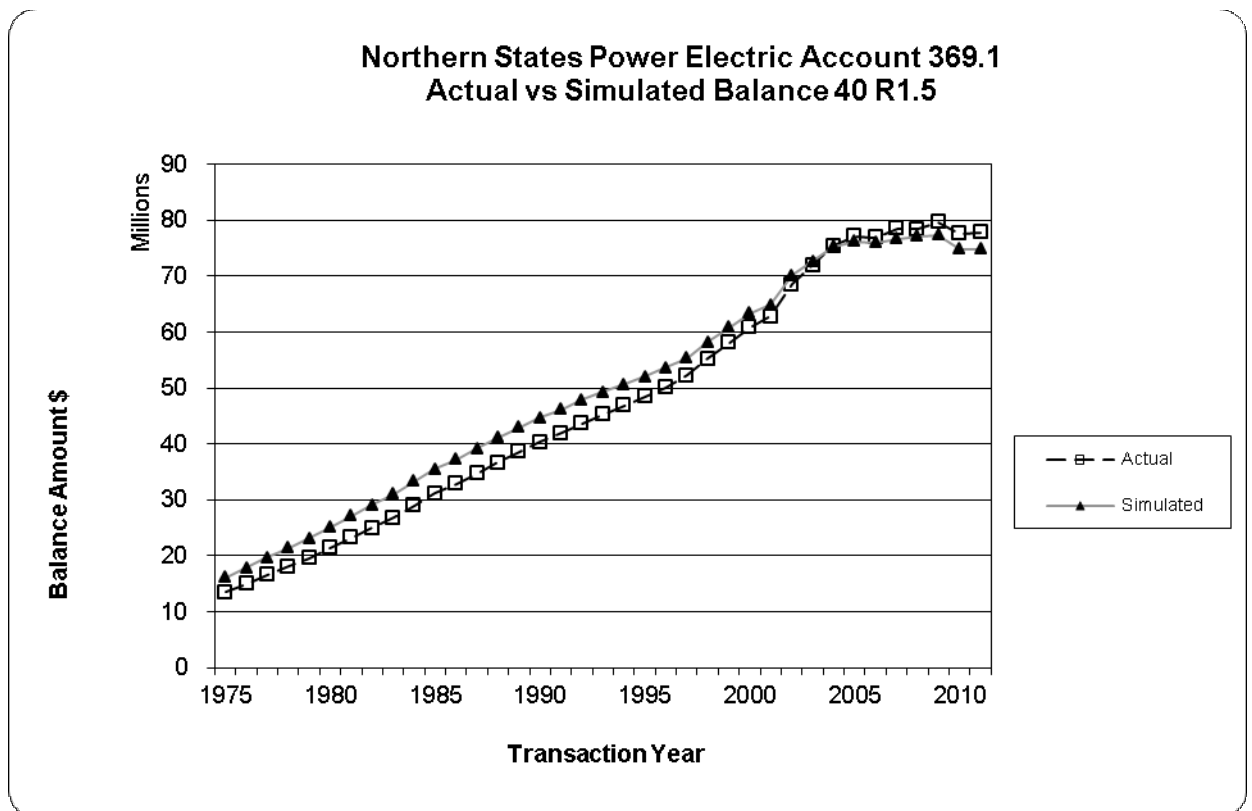
This account consists of underground distribution conductor, switches, and switchgear. The current investment balance for Minnesota is \$796.4 million for this account. The currently approved life is a 35 years with a R2 dispersion curve. Life analysis results are based on total Company data. Sufficient actuarial data exists for this account, so that methodology was used to analyze life. Across multiple placement and experience bands a 45 year life and a R2.5 dispersion curve provides a good fit. Based on Company experience, this depreciation study recommends a 45 year life with a R2.5 dispersion curve.





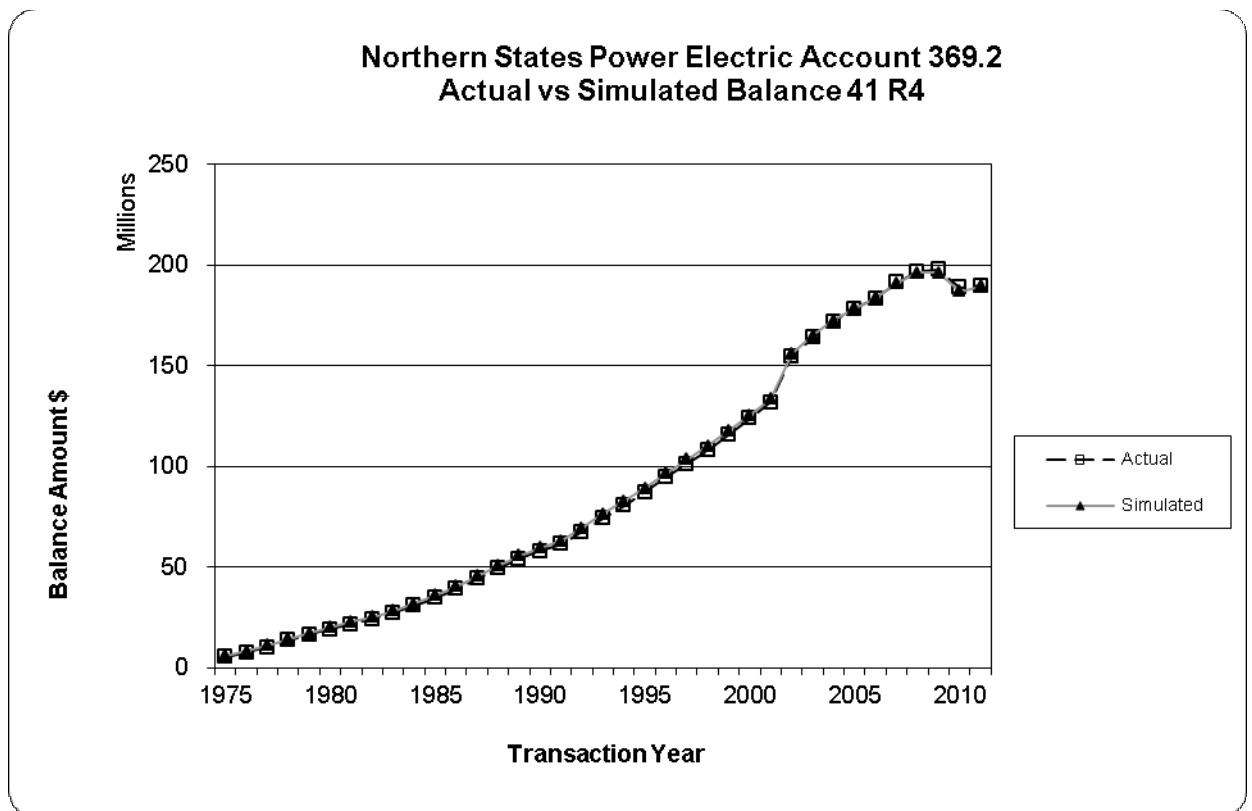
**FERC Account 369 Distribution Services – Overhead (proposed 40 life with a R1.5 dispersion curve)**

This account includes overhead services with a current investment balance in Minnesota of \$68.0 million. The current approved life is 40 years with a R2.5 dispersion. Life analysis results are based on total Company data. Company experts expect the life for services, both underground and overhead to be approximately 40 years. Many overhead services have been replaced for aesthetic reasons. After viewing SPR results and comparing actual versus simulated balances, a 40 year life with a R1.5 dispersion curve is recommended for this account.



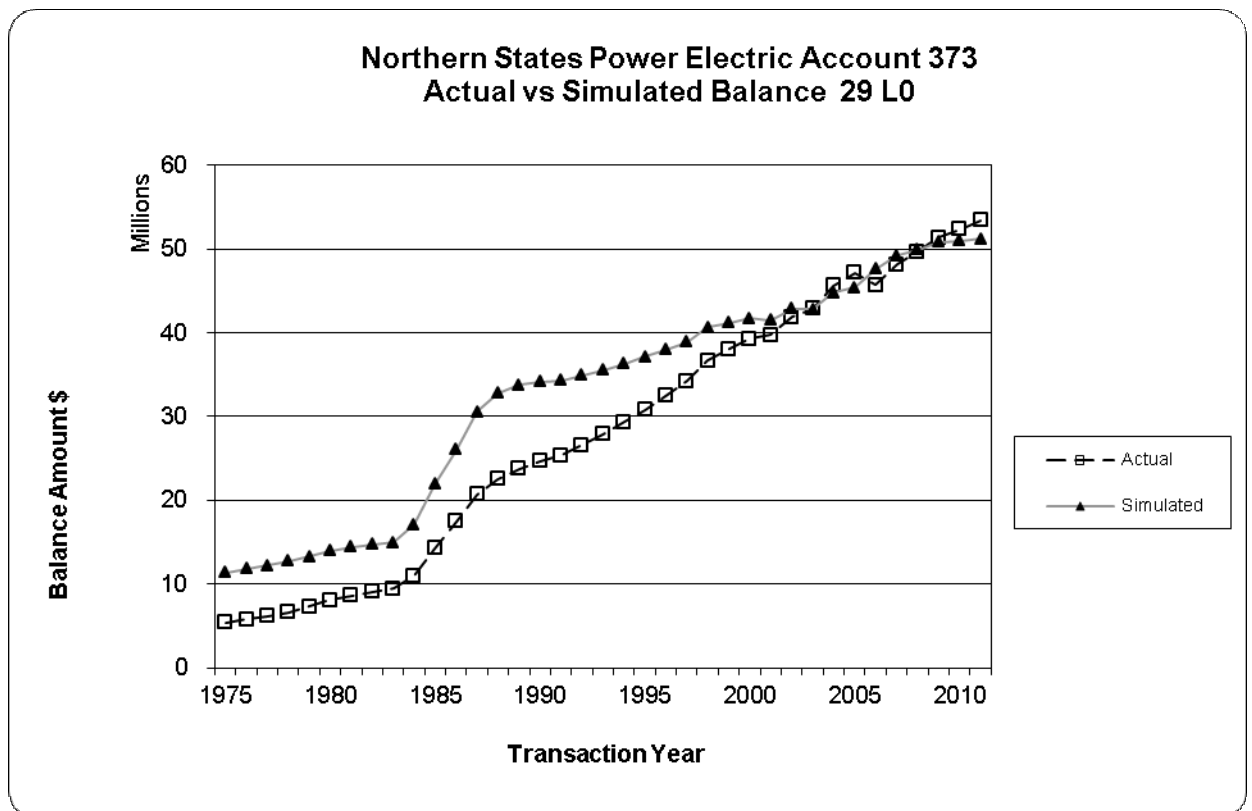
**FERC Account 369 Distribution Services – Underground (proposed 41 year life with a R4 dispersion curve)**

This account includes underground services and has a current investment balance in Minnesota of \$166.4 million. The currently approved life is 40 years with a R2.5 dispersion curve. Life analysis results are based on total Company data. Company experts expect the life for services, both underground and overhead to be approximately 40 years. Better materials have been used for underground services since the 1970s. After viewing SPR results and comparing actual versus simulated balances, a 41 year life with a R4 dispersion curve is recommended for this account.



**FERC Account 373 Distribution Street Lighting & Signal Systems (proposed 29 year life with a L0 dispersion curve)**

This account includes all distribution streetlights, conductor, conduit, luminaire, and standards. The current investment balance for Minnesota is \$49.6 million. The current approved life is 25 years with a L5 dispersion curve. Life analysis results are based on total Company data. SPR was used on this account, since actuarial results are only available from 2001 forward. The L0 is the top curve for many bands. As the band becomes narrower, the life increases. A comparison of the proposed curve vs. actual data is shown below. Based on judgment and Company experience, a 29 year life with a L0 dispersion curve is recommended for this account.



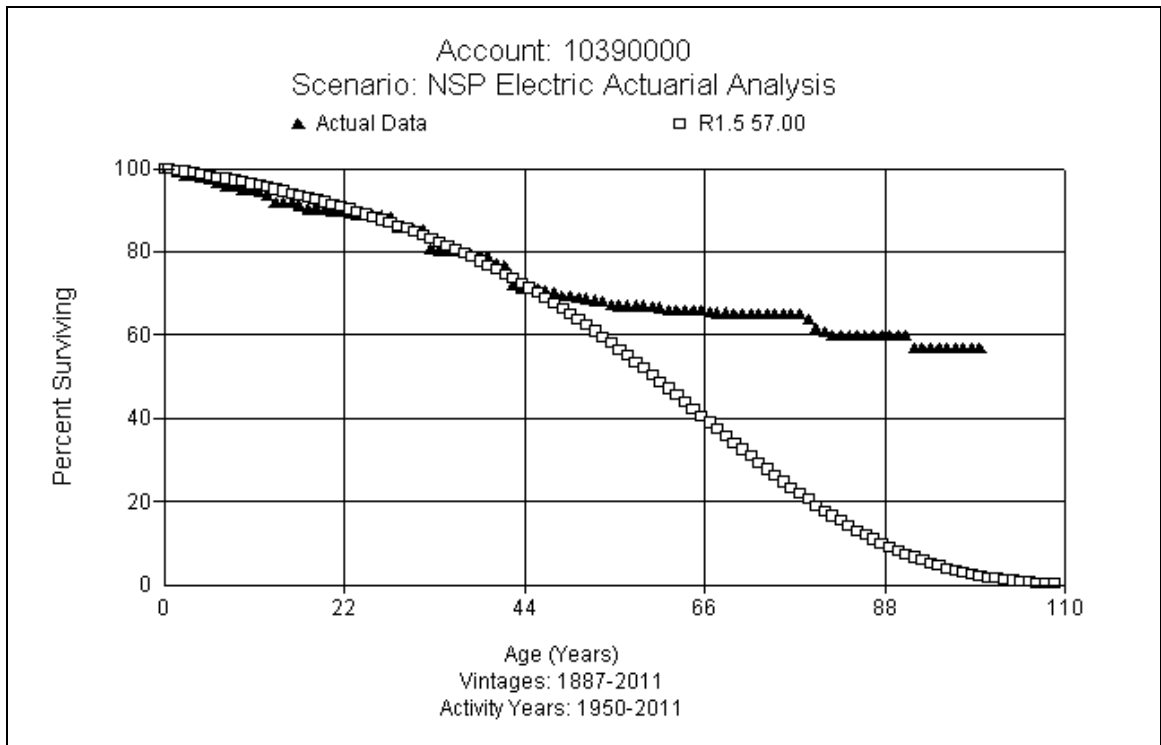
## **GENERAL**

### **General Accounts, FERC Accounts 390**

#### **FERC Account 390 General Structures & Improvements (proposed 57 year life with a R1.5 dispersion curve)**

This account includes the cost of general structures and improvements used for utility service. The current investment balance is \$59.2 million. The current approved life is 45 years with a R1 dispersion curve. Many components such as heating, ventilation, and air conditioning (“HVAC”) systems, lighting, controls, finishes, and roofing in buildings will have a much shorter life than the structure itself. Some consolidation of buildings occurs, but the Company redeploys buildings for other use when possible. Going forward, Company personnel expect to replace roofs at 20 years (currently have some that have only lasted 10 years and some that have lasted 25 years or longer) and anticipate the same time frame for HVAC (which would include boilers, cooling towers, chillers, etc.). Depending on the location (heat or heavy trucks can shorten life); parking lots would be expected to last 15-20 years.

At that point, the Company would tear up the old lot, retire and replace it with a new one. Removal cost is charged for replacing lots – a fixed percentage that can change based on specific facts of the project. The average age of buildings is over 40 years. Actuarial data shows a longer life than is currently approved. Based on the analysis and mix of assets, this study recommends moving to a 57 year life with a R1.5 dispersion curve.



## **ELECTRIC VINTAGE GROUP (AMORTIZED) ACCOUNTS**

### **DISTRIBUTION**

#### **FERC Account 368 Distribution Line Transformers (proposed 32 year life with a SQ dispersion curve)**

This account consists of line transformers and regulators. The current investment is \$344.4 million for Minnesota in this account. However, \$17.4 million is considered fully depreciated, so the adjusted balance is \$327.0 million. The current approved life of 32 years with a SQ dispersion curve should be retained.

#### **FERC Account 368 Distribution Line Capacitors (proposed 25 year life with a SQ dispersion curve)**

This account consists of line capacitors. The current investment is \$18.1 million for Minnesota in this account. However, \$19 thousand is considered fully depreciated, so the adjusted balance is \$18.0 million. The current approved life of 25 years with a SQ dispersion curve should be retained.

#### **FERC Account 370 Distribution Meters (proposed 15 year life with a SQ dispersion curve)**

This account includes new distribution meters. The current investment is \$91.3 million for Minnesota. The current approved life of 15 years with a SQ dispersion curve should be retained.

#### **FERC Account 370 Distribution Meters – Old (proposed 20 year life with a SQ dispersion curve)**

This account includes all old distribution meters, which are meters not equipped with automated meter reading equipment. The current investment is \$14.9 million for Minnesota. However, \$13.2 million is considered fully depreciated, so the adjusted balance is \$1.7 million. The current approved life of 20 years with a SQ dispersion curve should be retained.

## **GENERAL PLANT VINTAGE GROUP (AMORTIZED) ACCOUNTS**

### **FERC Account 303 Intangible Computer Software – 5 year (proposed 5 year life with a SQ dispersion curve)**

This account consists of miscellaneous computer software. The current investment is \$38.0 million. However, \$22.8 million is considered fully accrued so the adjusted balance is \$15.2 million. The current approved life of 5 years with a SQ dispersion curve should be retained.

### **FERC Account 391 General Office Furniture & Equipment (proposed 20 year life with a SQ dispersion curve)**

This account consists of miscellaneous office furniture such as desks, chairs, filing cabinets, and tables used for general utility service. The current investment is \$22.9 million. The current approved life is 18 years with a SQ dispersion curve. Company personnel recommend moving the amortization to 20 years for this account, since that is the review cycle for office equipment. Thus a 20 year life with a SQ dispersion curve is recommended for this account.

### **FERC Account 391 General Network Equipment (proposed 4 year life with a SQ dispersion curve)**

This account consists of computer equipment used for general utility service. The current investment is \$12.2 million. However, \$7.3 million is considered fully accrued so the adjusted balance is \$4.9 million. The current approved life of 4 years with a SQ dispersion curve should be retained.

### **FERC Account 392 General Transportation Equipment - Automobiles (proposed 10 year life with a SQ dispersion curve)**

This account consists of automobiles used for general utility service. The current investment is \$390 thousand. The current approved life is 5 years with a SQ

dispersion. Interviews with Company personnel show this equipment is lasting longer, and this study recommends moving to a 10 year life with a SQ dispersion curve for this account.

**FERC Account 392 General Transportation Equipment - Light Trucks  
(proposed 12 year life with a SQ dispersion curve)**

This account consists of light trucks used for general utility service. The current investment is \$21.1 million. However, \$99 thousand is considered fully accrued so the adjusted balance is \$21.0 million. The current approved life is 10 years with a SQ dispersion curve. Interviews with Company personnel show this equipment is lasting longer, and this study recommends moving to a 12 year life with a SQ dispersion curve for this account.

**FERC Account 392 General Transportation Equipment - Trailers (proposed 15  
year life with a SQ dispersion curve)**

This account consists of trailers used for general utility service. The current investment is \$7.2 million. The current approved life is 10 years with a SQ dispersion curve. Interviews with Company personnel show this equipment is lasting longer, and this study recommends moving to a 15 year life with a SQ dispersion curve for this account.

**FERC Account 392 General Transportation Equipment - Heavy Trucks  
(proposed 14 year life with a SQ dispersion curve)**

This account consists of heavy trucks used for general utility service. The current investment is \$41.8 million. However, \$134 thousand is considered fully accrued so the adjusted balance is \$41.7 million. The current approved life is 12 years with a SQ dispersion curve. Interviews with Company personnel show this equipment is lasting longer, and this study recommends moving to a 14 year life with a SQ dispersion curve for this account.



**FERC Account 393 General Stores Equipment (proposed 20 year life with a SQ dispersion curve)**

This account consists of stores equipment used for general utility service. The current investment is \$1.6 million. However, \$356 thousand is considered fully accrued so the adjusted balance is \$1.2 million. The current approved life of 20 years with a SQ dispersion curve should be retained.

**FERC Account 394 General Tools, Shop & Garage Equipment (proposed 15 year life with a SQ dispersion curve)**

This account consists of various items or tools used in shop and garages such as air compressors, grinders, mixers, hoists, and cranes. The current investment is \$51.7 million. However, \$513 thousand is considered fully accrued so the adjusted balance is \$51.1 million. The current approved life of 15 years with a SQ dispersion curve should be retained.

**FERC Account 395 General Laboratory Equipment (proposed 10 year life with a SQ dispersion curve)**

This account consists of laboratory equipment used in general utility service. The current investment is \$3.8 million. However, \$183 thousand is considered fully accrued so there will be an adjusted balance of \$3.6 million. The current approved life of 10 years with a SQ dispersion curve should be retained.

**FERC Account 396 General Power Operated Equipment (proposed 12 year life with a SQ dispersion curve)**

This account consists of bulldozers, forklifts, trenchers, and other power operated equipment that cannot be licensed on roadways. The current investment is \$20.7 million. The current approved life is 10 years with a SQ dispersion curve. Interviews with Company personnel show this equipment is lasting longer, and this study recommends moving to a 12 year life with a SQ dispersion curve for this account.

**FERC Account 397 General Communication Equipment (proposed 9 year life with a SQ dispersion curve)**

This account consists of miscellaneous communication equipment used in general utility service. The current investment is \$12.8 million. However, \$579 thousand is considered fully accrued so there will be an adjusted balance of \$12.2 million. The current approved life of 9 years with a SQ dispersion curve should be retained.

**FERC Account 397 General Communication Equipment – Two Way (proposed 9 year life with a SQ dispersion curve)**

This account consists of miscellaneous two way communication equipment used in general utility service. The current investment is \$252 thousand. However, \$20 thousand is considered fully accrued so there will be an adjusted balance of \$233 thousand. The current approved life of 9 years with a SQ dispersion curve should be retained.

**FERC Account 397 General Communication Equipment – AES (proposed 15 year life with a SQ dispersion curve)**

This account consists of miscellaneous automated energy services (“AES”) including electronic or automated meter reading communication equipment used in general utility service. The current investment is \$5.0 million. The current approved life of 15 years with a SQ dispersion curve should be retained.

**FERC Account 397 General Communication Equipment – EMS (proposed 15 year life with a SQ dispersion curve)**

This account consists of energy management system (“EMS”) communication equipment used for energy monitoring and controlling equipment to manage general utility service. The current investment is \$9.7 million. The current approved life of 15 years with a SQ dispersion curve should be retained.

**FERC Account 398 General Miscellaneous Equipment (proposed 15 year life with a SQ dispersion curve)**

This account consists of miscellaneous equipment used in general utility service. The current investment is \$2.79 million. However, \$10 thousand is considered fully accrued so there will be an adjusted balance of \$2.78 million. The current approved life of 15 years with a SQ dispersion curve should be retained.

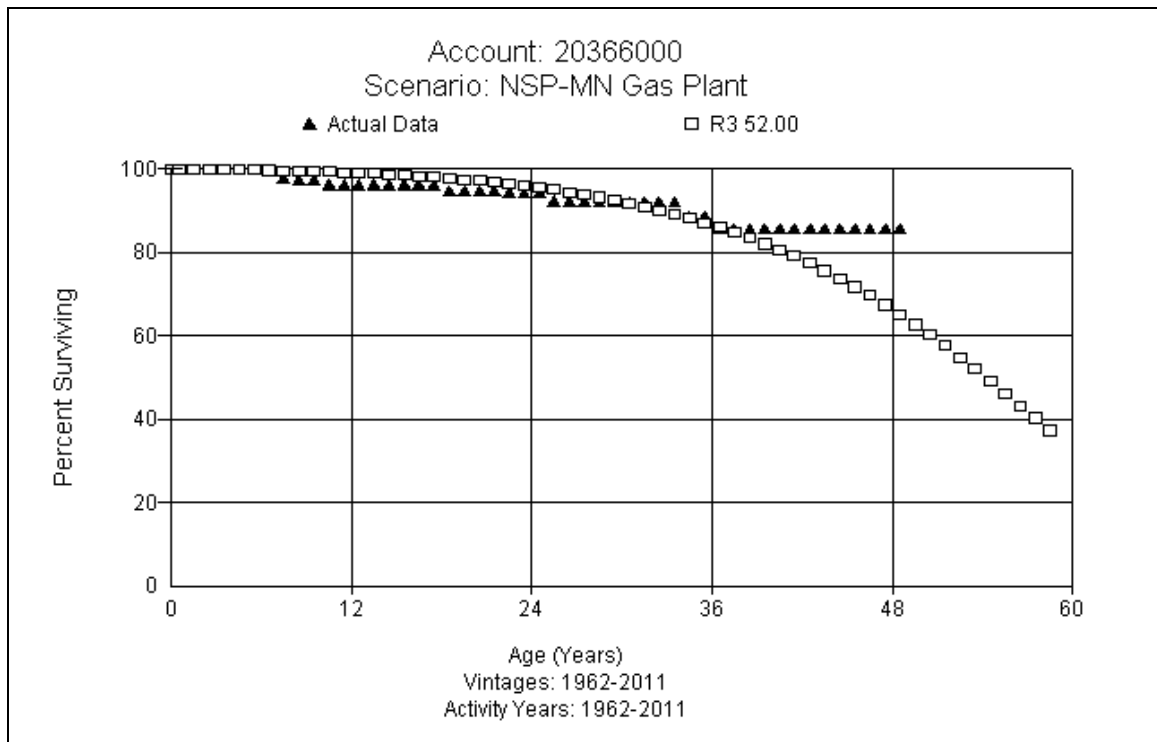
**GAS PLANT**

**TRANSMISSION**

**Transmission Accounts, FERC Accounts 366 - 369**

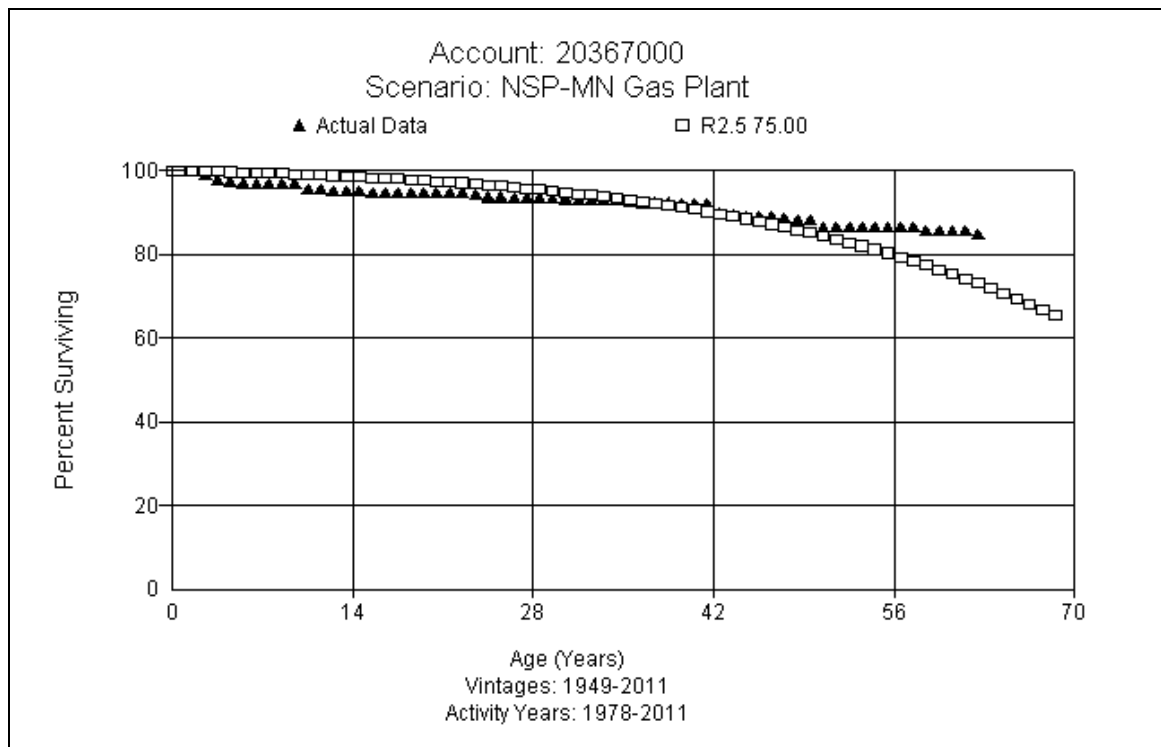
**FERC Account 366 Transmission Structures & Improvements (proposed 52 year life with a R3 dispersion curve)**

This account includes the cost of structures and improvements used in conjunction with transmission operations such as buildings, fences, or other structures. The plant balance in this account is \$1.0 million. The current approved life is 41 years with a R5 dispersion curve. Life analysis shows a longer life. Based on actuarial analysis, a 52 life with a R3 dispersion curve is recommended. A graph of the observed life table vs. the proposed life and curve is shown below.



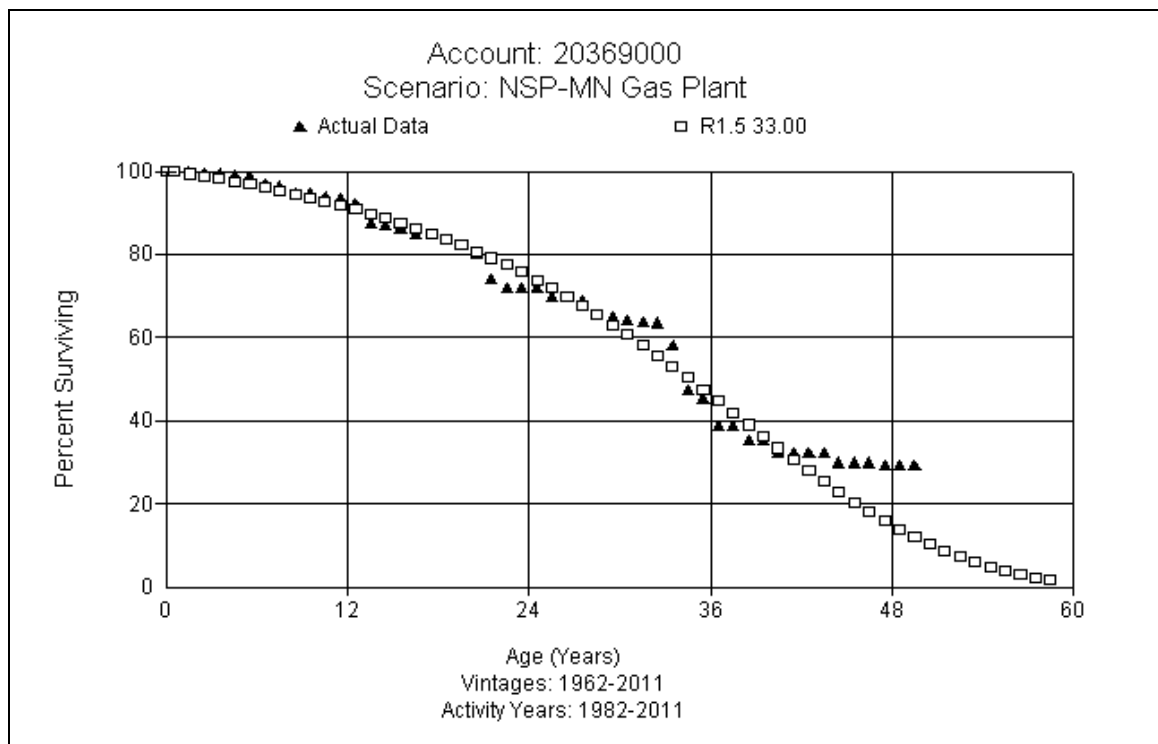
**FERC Account 367 Transmission Mains (proposed 75 year life with a R2.5 dispersion curve)**

This account includes the cost of transmission system mains including excavation costs, pipe, valves, and other equipment. The plant balance in this account is \$53.7 million. The current approved life is 45 years with a R1.5 dispersion curve. There are only 100 miles of transmission mains in Minnesota – nothing older than 1940s (very few miles prior to 1950s). A large project is planned starting in 2013 to replace nearly 15% of the transmission pipe (pressure coupled). Much of it was installed in late 1960s and early 1970s. For the existing asset base, 13 miles was installed in the 1940s, 27 miles in 1950s, 6 miles in the 60s, 10 miles in the 70s, 3 miles in the 80s, 13 miles in the 1990s (1995), with the rest being newer. Based on actuarial analysis and the mix of assets, this study recommends moving to a 75 year life with a R2.5 dispersion curve. A graph of actual data versus the proposed curve is shown below.



**FERC Account 369 Transmission Measure & Regulating Station Equipment  
 (proposed 33 year life with a R1.5 dispersion curve)**

This account includes the costs of meters, gauges, and other equipment used to measure or regulate gas in connection with transmission city gate (town border station) operations. The plant balance in this account is \$11.0 million. The current approved life is 31 years with a S0.5 dispersion curve. Measurement equipment is replaced as technology improves – (e.g. from mercury meters, to chart recorders, to electronic flow meters). Life indications across various placement and experience bands show the 33 R1.5 to be a good match. Based on actuarial analysis and the mix of assets, this study recommends moving to a 33 year life with a R1.5 dispersion curve. A graph of actual data versus the proposed curve is shown below.

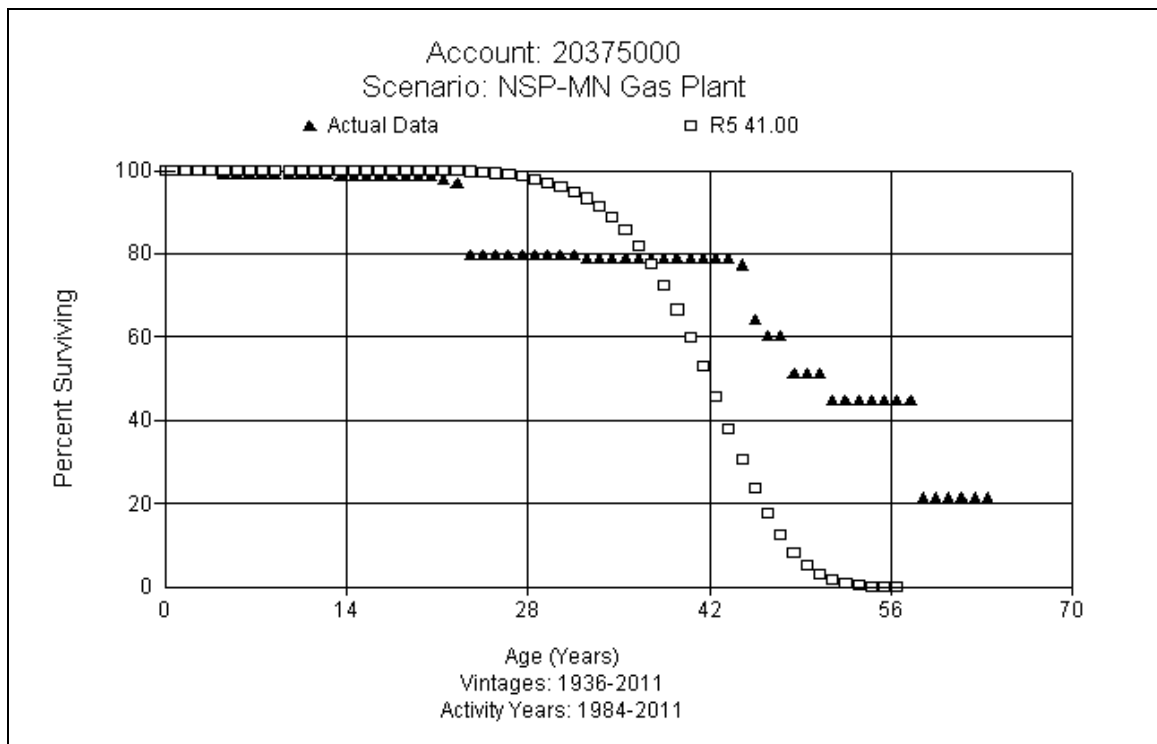


**DISTRIBUTION**

**Distribution Accounts, FERC Accounts 375 - 380**

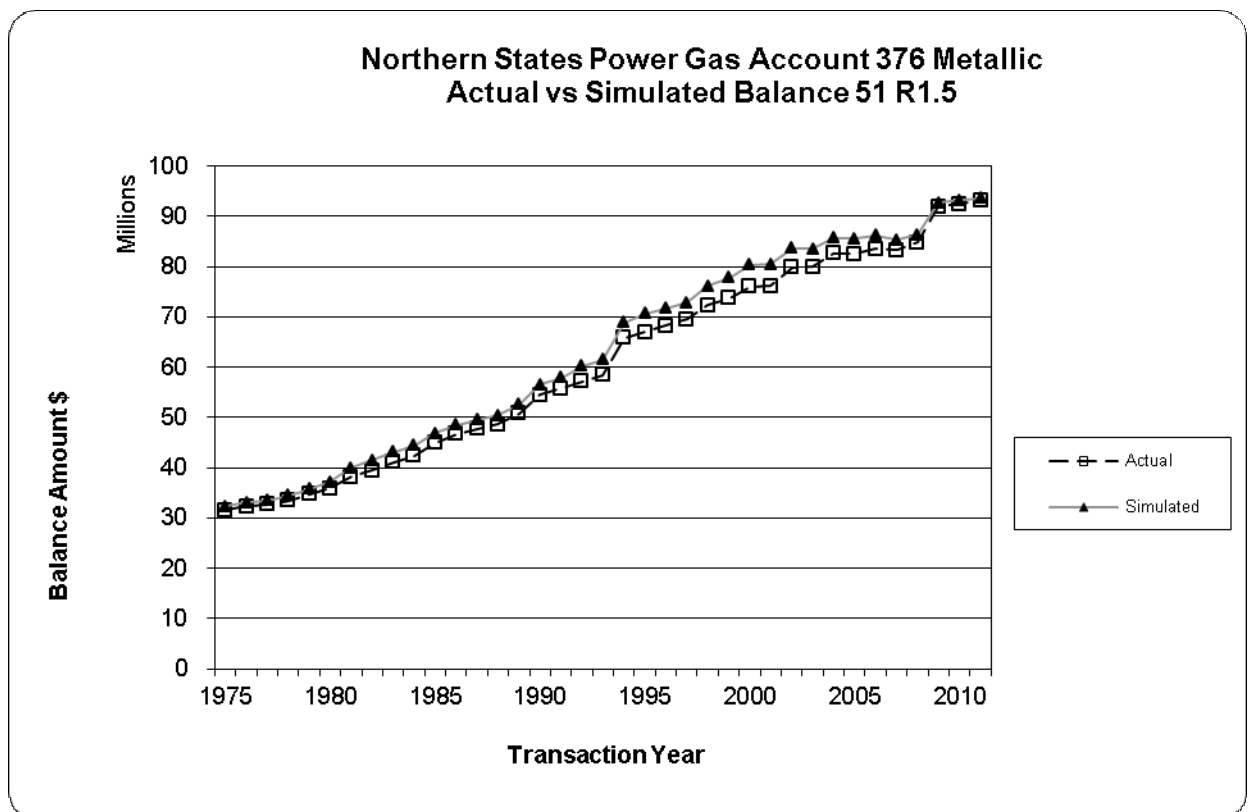
**FERC Account 375 Distribution Structures & Improvements (proposed 41 year life with a R5 dispersion curve)**

This account consists of small structures and improvements to such structures and associated assets at city gates and on the main line distribution system. The current investment is \$55 thousand for Minnesota. The current approved life is 41 year life with a R5 dispersion curve. A large retirement at approximately age 20 makes modeling the data difficult. Based on judgment and general expectations for structures, this study recommends retention of the existing 41 year life with a R5 dispersion curve for this account. A graph of actual data versus the proposed curve is shown below.



**FERC Account 376 Distribution Mains – Metallic (proposed 51 year life with a R1.5 dispersion curve)**

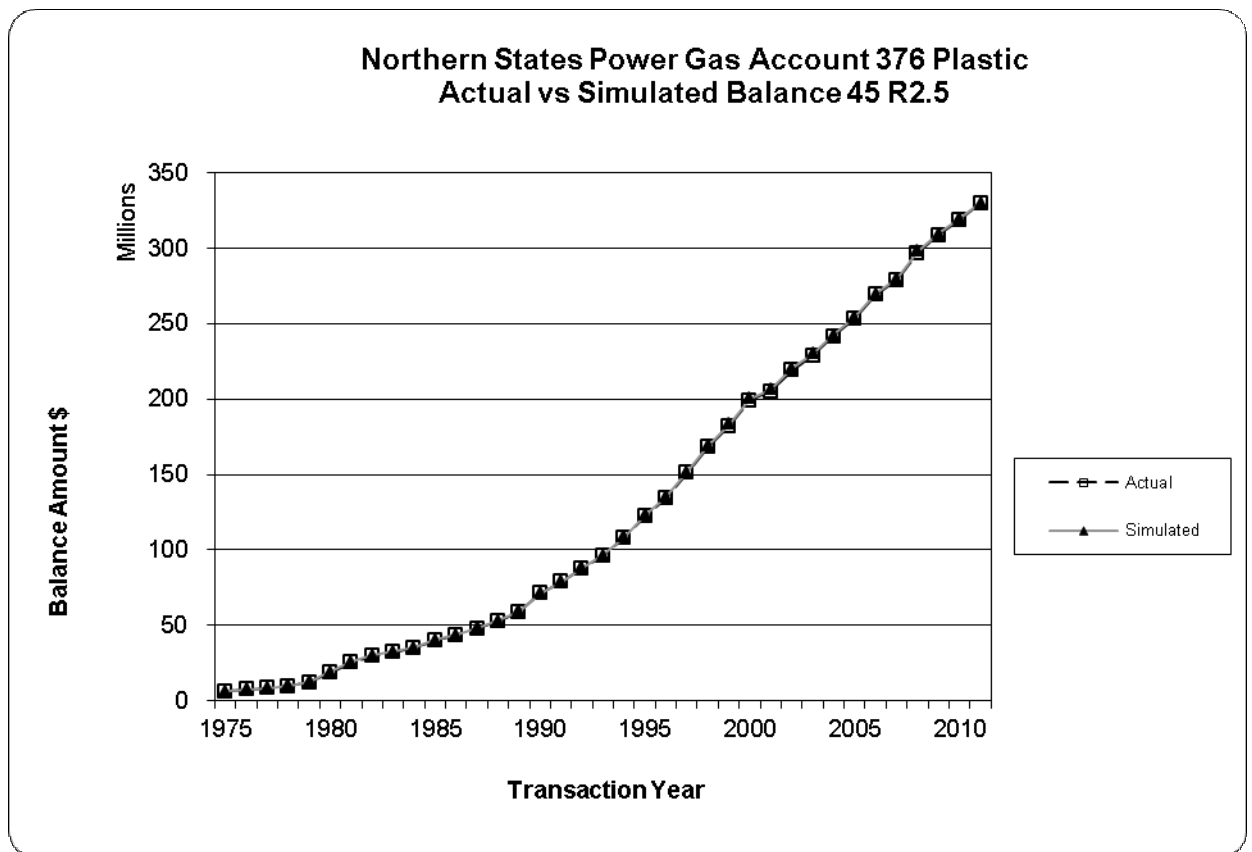
This account includes all steel mains. The current approved life is 45 years with a R1.5 dispersion curve. The current investment balance for Minnesota is \$80.8 million for this account. Life analysis results are based on total Company data. The average age of facilities is younger than many other utilities driven by growth in the mid to late 1990s. Only mains greater than 8 inches in diameter or over 60 pounds of pressure would be steel. Cast iron mains will be gone by the end of 2012, and the Company is implementing a bare steel replacement program to be completed over the next 3 years. Actuarial data only exists from 2001 forward. SPR analysis shows a longer life in more recent periods. Based on judgment, this study recommends a change to a 51 year life with a R1.5 dispersion curve for this account. A comparison of actual versus simulated balances is shown below for the 51 year life with a R1.5 dispersion curve.





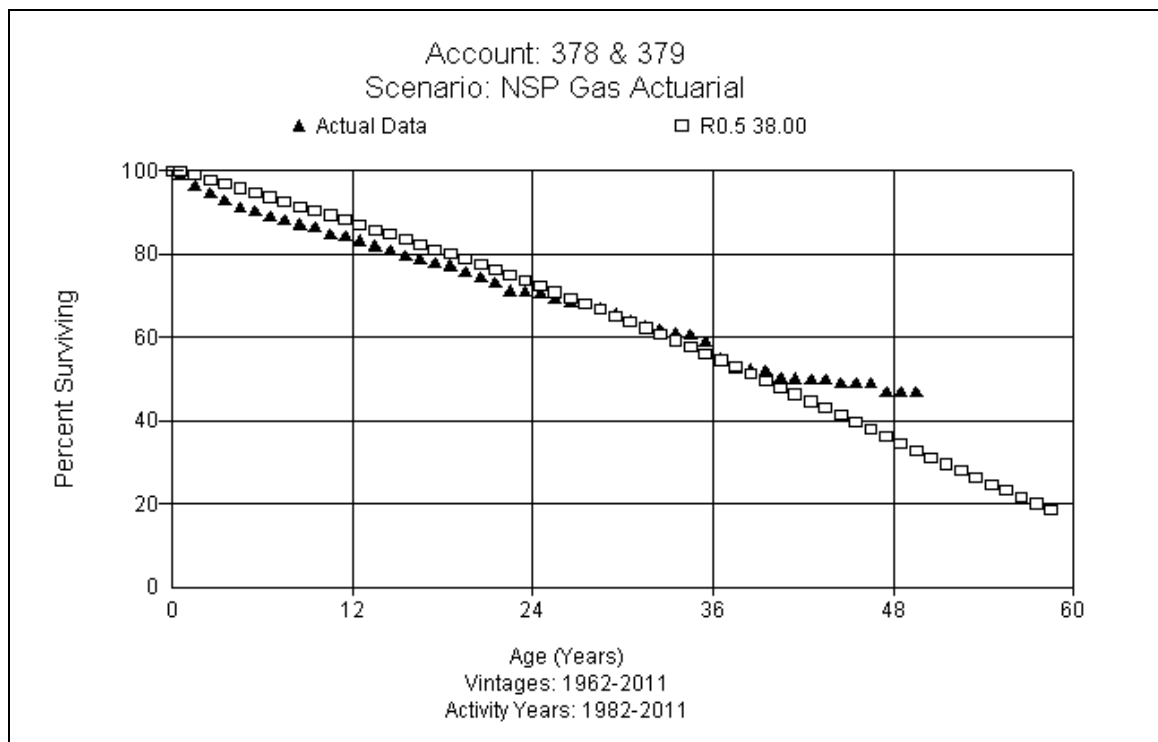
**FERC Account 376 Distribution Mains – Plastic (proposed 45 year life with a R2.5 dispersion curve)**

This account includes all plastic mains. The current approved life is 45 years with a R3 dispersion curve. The current investment balance for Minnesota is \$307.2 million for this account. Life analysis results are based on total Company data. Company personnel report that 99% of new distribution mains are plastic. The Company is aggressively replacing pre 1960’s assets, with early 1970’s polyethylene targeted next. Actuarial data only exists from 2001 forward. SPR analysis shows a similar life to the existing approved life. Based on judgment, this study recommends a 45 year life with a R2.5 dispersion curve. A comparison of actual versus simulated balances is shown below for the 45 year life and R2.5 dispersion curve.



**FERC Account 378 Distribution Measure & Regulating Station Equipment – General (proposed 38 year life with a R0.5 dispersion curve)**

This account consists of meters, gauges, and other equipment used in measuring and regulating gas in connection with distribution system operations other than the measurement of gas deliveries city gate and to customers. The current approved life is a 31 year life with a S0.5 dispersion curve. The current investment balance for Minnesota is \$6.0 million for this account. Life analysis results are based on total Company data. Consistent with the last depreciation study, this study combines the assets in Account 378 and 379 due to the similarity between the assets in each account. In the widest bands a 38 year life with a R0.5 dispersion curve is a good match. This study recommends a 38 year life with a R0.5 dispersion curve and a comparison of actual versus simulated balances is shown below for the proposed curve.

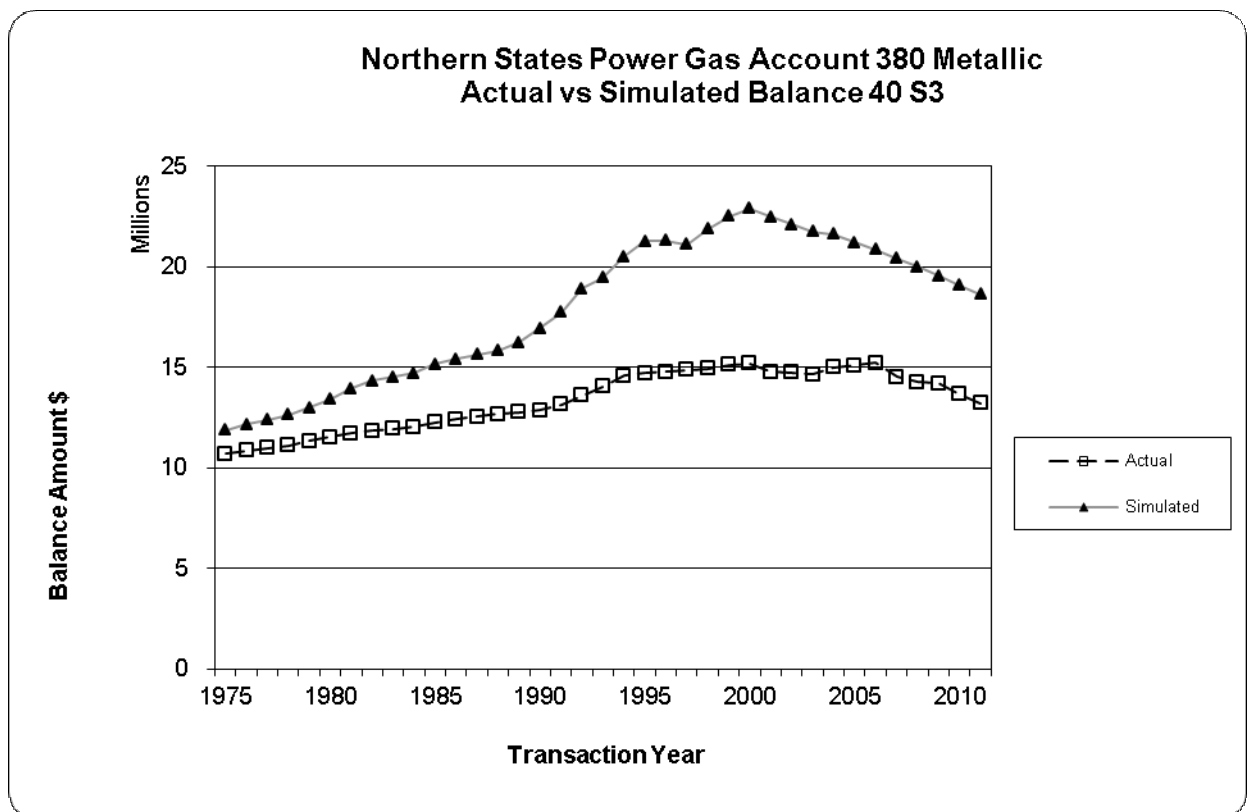


**FERC Account 379 Distribution Measure & Regulating Station Equipment -  
City Gate (proposed 38 year life with a R0.5 dispersion curve)**

This account includes the measuring and regulating devices and other apparatus at city gate stations. There is a current investment of \$1.8 million for Minnesota in this account. The current approved life is a 31 year life with a S0.5 dispersion curve. Consistent with the prior study Account 378 and 379 were combined for life analysis purposes due to the similarity of the assets, similarity of use and expected lives. The resulting recommendation is a 38 year life with a R0.5 dispersion curve for both accounts.

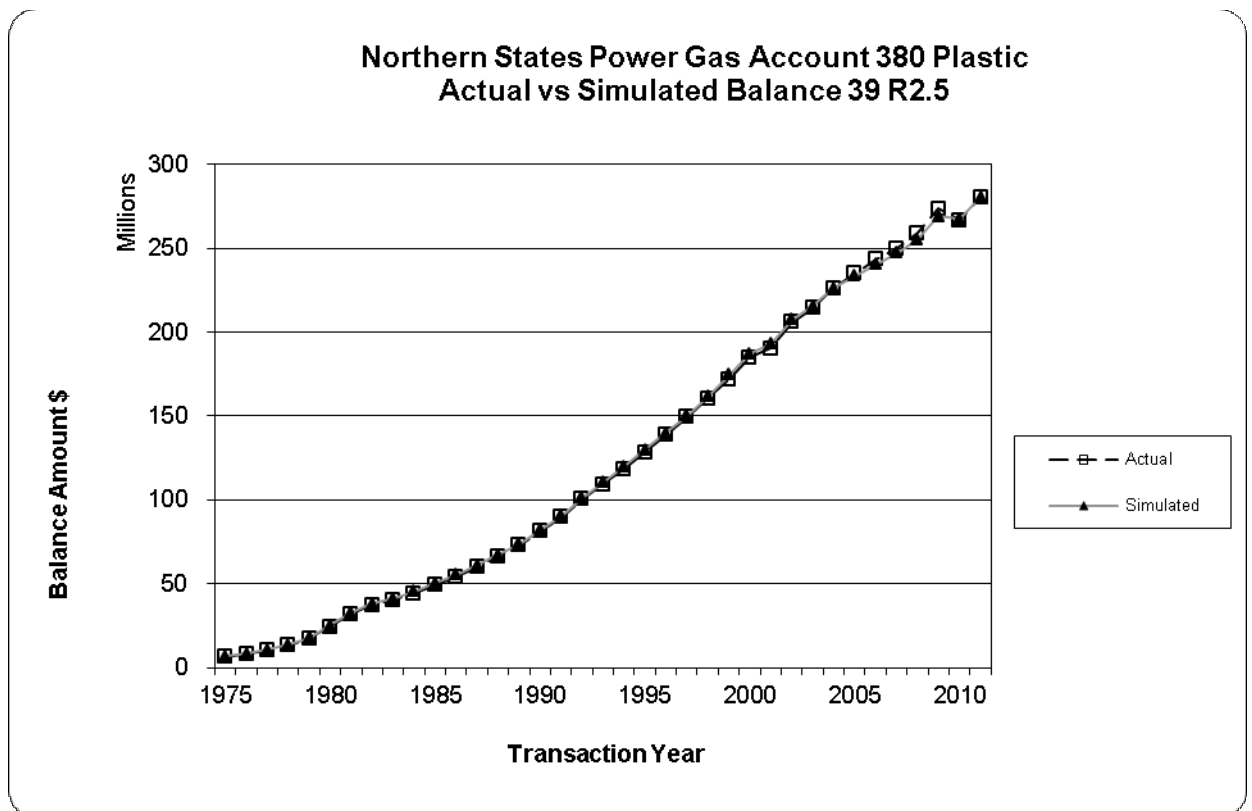
**FERC Account 380 Distribution Services - Metallic (proposed 40 year life with a S3 dispersion curve)**

Service lines are the steel pipes and accessories leading from the main to the customers' premises. This account has a current investment of \$11.7 million for Minnesota. The current approved life is 40 years with a S3 dispersion curve. Life analysis results are based on total Company data. Age is the primary driver of retirement of services. In a renewal area (road or otherwise), the practice is to renew all services when mains are renewed. Normal processes also trigger replacements (e.g. leak issues or compression coupled). Since actuarial data exists only for 2001 forward, this account was analyzed using SPR. Life analysis results show a much shorter life for this account than is currently approved. Since processes are in place to improve life expectations in this account, this study recommends retaining the 40 year life and S3 dispersion curve for this account. A comparison of actual versus simulated balances is shown below for the 40 S3 curve.



**FERC Account 380 Distribution Services - Plastic (proposed 39 year life with a R2.5 dispersion curve)**

Service lines are the plastic pipes and accessories leading from the main to the customers' premises. This account has a current investment of \$250.6 million for Minnesota. Life analysis results are based on total Company data. The current approved life is 40 R3. Since actuarial data exists only for 2001 forward, this account was analyzed using SPR. Life analysis results show a similar life to the existing approved life for this account. This study recommends moving to a 39 year life with a R2.5 dispersion curve for this account. A comparison of actual versus simulated is shown for the proposed 39 year life and R2.5 dispersion curve.



## **GENERAL**

### **General Accounts, FERC Accounts 390**

#### **FERC Account 390 General Structures & Improvements (proposed 55 year life with a R1.5 dispersion curve)**

This account includes the cost of general structures and improvements used for utility service. The current investment balance is \$1.9 million. The current approved life is 45 years with a R1 dispersion curve. There is insufficient data to analyze this account. Based on the results for Common Account 390 which will be discussed later, this study proposes a 55 year life with a R1.5 dispersion curve for this account. No curve is shown.

## **GAS VINTAGE GROUP (AMORTIZED) ACCOUNTS**

### **GAS DISTRIBUTION**

#### **Account 381 Distribution Meters (proposed 20 year life with a SQ dispersion curve)**

This account includes the cost of meters and house regulators installed after 1994. The current investment is \$95.0 million for Minnesota. However, \$4.8 million is considered fully accrued and results in an adjusted study balance of \$90.3 million. The current approved life of 20 years and SQ dispersion curve should be retained.

#### **Account 381 Distribution Meters - Telemetry (proposed 8 year life with a SQ dispersion curve)**

This account includes the cost of telemetry assets. The current investment is \$37 thousand for Minnesota. The current approved life of 8 years and a SQ dispersion curve should be retained. However, the current investment is fully amortized in 2012. This analysis is for any future investment in this account

#### **Account 383 Distribution House Regulators (proposed 20 year life with a SQ dispersion curve)**

This account includes the cost of house regulators installed before 1995 that were not combined with the meter account. The current investment is \$10.2 million for Minnesota. However, \$6.7 million is considered fully accrued so the adjusted balance is \$3.5 million. The current approved life of 20 years and a SQ dispersion curve should be retained.

### GENERAL PLANT VINTAGE GROUP (AMORTIZED) ACCOUNTS

The same life parameters used for electric plant are proposed for amortized gas plant due to the similar operations and policies. The table below summarizes recommendations and plant balances by account.

Acct	Description	Plant \$ x 000	Fully Accrued \$ x 000	Adjusted \$ x 000	Current Life	Proposed Life
Intangible						
303	Computer Software - 5 Year	4,994.9	1,332.6	3,662.3	5	5
General Plant						
391	Office Furniture & Equipment	877.9	0.0	877.9	18	20
391	Network Equipment	37.6	0.0	37.6	4	4
392	Transportation Equipment - Automobiles	83.7	0.0	83.7	5	10
392	Transportation Equipment - Light Trucks	3,556.5	0.0	3,556.5	10	12
392	Transportation Equipment - Trailers	661.4	0.0	661.4	10	15
392	Transportation Equipment - Heavy Trucks	4,827.3	0.0	4,827.3	12	14
393	Stores Equipment	10.1	0.0	10.1	20	20
394	Tools, Shop & Garage Equipment	4,305.8	0.0	4,305.8	15	15
395	Laboratory Equipment	0.0	0.0	0.0	10	10
396	Power Operated Equipment	1,132.3	585.0	547.3	10	12
397	Communication Equipment	12,618.8	25.1	12,593.7	9	9
397	Communication Equipment - AES	5,634.7	0.0	5,634.7	15	15
397	Communication Equipment - EMS	4,166.2	0.0	4,166.2	15	15
398	Miscellaneous Equipment	89.2	20.2	69.0	15	15

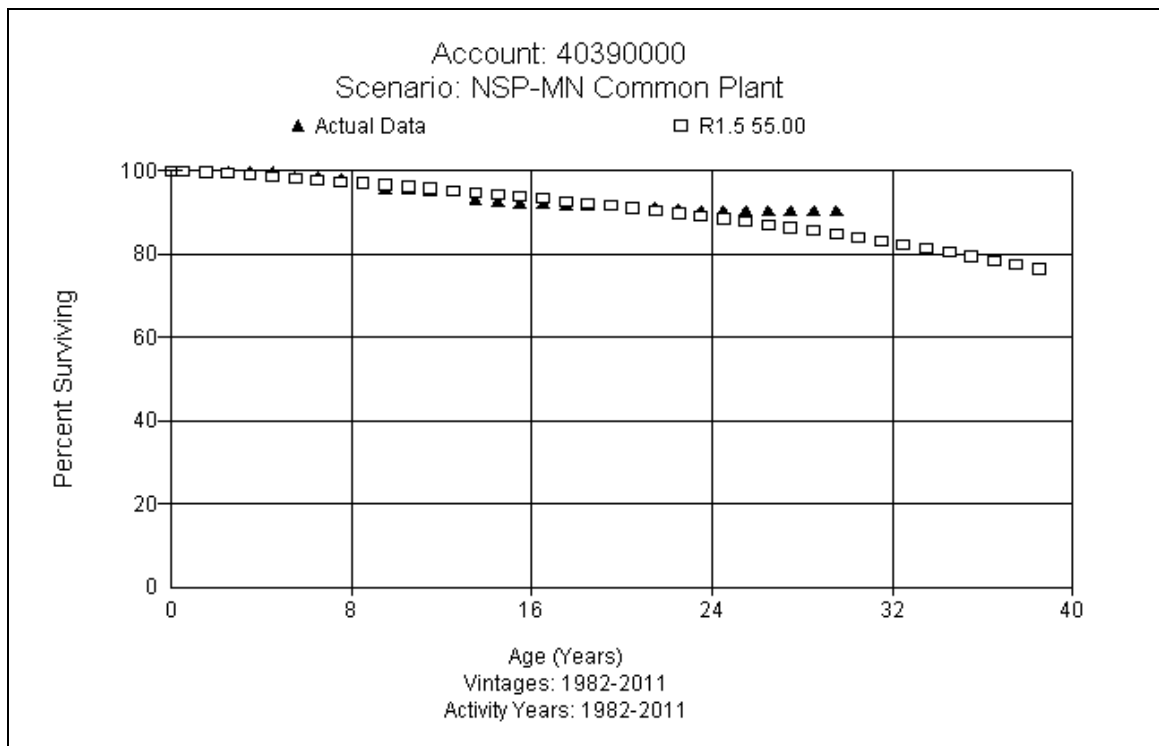


**COMMON UTILITY PLANT DEPRECIATED ACCOUNTS**

**General Accounts, FERC Accounts 390**

**FERC Account 390 General Structures & Improvements (proposed 55 year life with a R1.5 dispersion curve)**

This account includes the cost of general structures and improvements used for utility service. There is approximately \$115.7 million in this account. The approved life for this account is 45 years and a R1.5 dispersion curve. Based on actuarial analysis, this study recommends moving to a 55 year life with a R1.5 dispersion curve.



**FERC Account 390 General Structures & Improvements - Leased (proposed 10 life with a SQ dispersion curve)**

This account includes the cost of leasehold improvements used for utility service. There is approximately \$1.2 million in this account for one property where the lease is set to expire June 2016. The approved life for this account is 9.5 years with a SQ dispersion curve. Based on type of assets this study recommends a 10 year life with a SQ dispersion curve. However, if the lease term changes the asset life should change accordingly.

### GENERAL PLANT VINTAGE GROUP (AMORTIZED) ACCOUNTS

The same life parameters used for electric and gas plant are proposed for amortized common plant due to the similar operations and policies. The table below summarizes recommendations and plant balances by account.

Acct	Description	Plant \$ x 000	Fully Accrued \$ x 000	Adjusted \$ x 000	Current Life	Proposed Life
Intangible						
303	Computer Software - 3 Year	11,905.8	11,905.8	0.0	3	3
303	Computer Software - 5 Year	135,278.8	71,891.9	63,386.9	5	5
303	Computer Software - 7 Year	70,726.4	62,397.5	8,328.9	7	7
303	Computer Software - 10 Year	20,801.6	20,517.4	284.2	10	10
General Plant						
391	Office Furniture & Equipment	31,508.6	8,111.0	23,397.6	18	20
391	Network Equipment	45,809.4	18,520.5	27,288.9	4	4
392	Transportation Equipment - Automobiles	319.1	0.0	319.1	5	10
392	Transportation Equipment - Light Trucks	4,350.6	0.0	4,350.6	10	12
392	Transportation Equipment - Trailers	1,125.7	0.0	1,125.7	10	15
392	Transportation Equipment - Heavy Trucks	4,426.0	0.0	4,426.0	12	14
393	Stores Equipment	73.7	64.5	9.2	20	20
394	Tools, Shop & Garage Equipment	2,419.9	246.0	2,173.9	15	15
395	Laboratory Equipment	36.7	0.0	36.7	10	10
396	Power Operated Equipment	712.0	5.0	707.0	10	12
397	Communication Equipment	1,499.8	132.3	1,367.5	9	9
397	Communication Equipment - Two Way	3,926.4	188.0	3,738.4	9	9
398	Miscellaneous Equipment	917.3	105.6	811.7	15	15

### **Salvage Analysis**

When a capital asset is retired, physically removed from service and finally disposed of, terminal retirement is said to have occurred. The residual value of a terminal retirement is called gross salvage. Net salvage is the difference between the gross salvage (what the asset was sold for) and the removal cost (cost to remove and dispose of the asset). Salvage and removal cost percentages are calculated by dividing the current cost of salvage or removal by the original installed cost of the asset. Some plant assets can experience significant negative removal cost percentages due to the timing of the original addition versus the retirement.

The net salvage analysis uses the history of the individual accounts to estimate the future net salvage that Northern States Power Company - Minnesota can expect in its operations. This study also removes reimbursements for relocations that may have been booked to gross salvage. Any associated retirements are also removed from the data for consistency. As a result, the analysis not only looks at the historical experience of Northern States Power Company - Minnesota, but also takes into account recent and expected changes in operations that could reasonably lead to different future expectations for net salvage than were experienced in the past.

### **Salvage Characteristics**

For most accounts, data for retirements, gross salvage, and cost of removal for each account is available from 1950-2011. Some accounts have shorter periods with available data. Moving averages, which remove timing differences between retirement and salvage and removal cost, were analyzed over periods varying from two to 10 years.

## **ELECTRIC PLANT**

### **TRANSMISSION**

#### **Transmission Accounts, FERC Accounts 352-358**

#### **FERC Account 352 Transmission Structures & Improvements (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with transmission structures and improvements which include buildings, fencing and other structures found in a transmission substation. The approved net salvage for this account is 0 percent. The most recent moving averages show negative net salvage for years 1 through 8. Without a clear trend, retention of 0 percent net salvage for this account is recommended.

#### **FERC Account 353 Transmission Station Equipment (proposed -10 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with transmission substation equipment, from circuit breakers to switchgear. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show negative 24.20 percent and negative 18.04 percent net salvage respectively. Moving in the direction of that trend, negative 10 percent net salvage for this account is recommended.

#### **FERC Account 354 Transmission Towers & Fixtures (proposed -35 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with transmission towers and fixtures, which are used to transmit electricity at a voltage of 69 kV and above. The approved net salvage for this account is negative 25 percent. The most recent 5 and 10 year moving averages show negative 72.13 percent and negative 68.81 percent net salvage respectively. Moving in the direction of that trend, negative 35 percent net salvage for this account is

recommended.

**FERC Account 355 Transmission Poles & Fixtures (proposed -35 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with transmission poles and fixtures, which are used to transmit electricity at a voltage of 69 kV and above. The approved net salvage for this account is negative 10 percent. The most recent 5 and 10 year moving averages show negative 101.92 percent and negative 101.02 percent net salvage respectively. Moving in the direction of that trend, negative 35 percent net salvage for this account is recommended.

**FERC Account 356 Transmission Overhead Conductor & Devices (proposed -30 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with Transmission overhead conductors, which are used to transmit electricity at voltages of 69 kV and above. The approved net salvage for this account is negative 30 percent. The most recent 5 and 10 year moving averages show negative 27.22 percent and negative 33.19 percent net salvage respectively. Moving in the direction of that trend, negative 30 percent net salvage for this account is recommended.

**FERC Account 357 Transmission Underground Conduit (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with underground conduit. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show 0 percent for both periods. Based on Company experience, retention of 0 percent net salvage for this account is recommended.

**FERC Account 358 Transmission Underground Conductor & Devices  
(proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with underground conductor. The lines are low pressure oil filled; paper wrapped 500 MCM copper cable. The approved net salvage for this account is 0 percent. Data is limited for this account. The most recent 5 and 10 year moving averages show negative 12.27 percent and negative 12.40 percent net salvage respectively. Since data is limited for this account, retention of 0 percent net salvage for this account is recommended.

**DISTRIBUTION**

**Distribution Accounts, FERC Accounts 361 - 373**

**FERC Account 361 Distribution Structures & Improvements (proposed -30 percent net salvage)**

This account contains any gross salvage and cost of removal associated with facilities ranging from fencing to other structures found in distribution substations. The approved net salvage for this account is negative 30 percent. The most recent 5 and 10 year moving averages show negative 109.88 percent and negative 70.61 percent net salvage respectively. Since retirement data is sporadic for this account, retention of negative 30 percent net salvage for this account is recommended.

**FERC Account 362 Distribution Station Equipment (proposed -20 percent net salvage)**

This account contains any gross salvage and cost of removal associated with a wide variety of distribution substation equipment, from circuit breakers to switchgear. The approved net salvage for this account is negative 10 percent. The most recent 5 and 10 year moving averages show negative 26.61 percent and negative 24.54 percent net salvage respectively. Moving in the direction of that trend, negative 20 percent net salvage for this account is recommended.

**FERC Account 364 Distribution Poles, Towers & Fixtures (proposed -100 percent net salvage)**

This account contains any gross salvage and cost of removal associated with poles and towers of various material types: wood and steel. The approved net salvage for this account is negative 90 percent. The most recent 5 and 10 year moving averages show negative 233.77 percent and negative 151.15 percent net salvage respectively. Moving in the direction of that trend, negative 100 percent net salvage for this account is recommended.

**FERC Account 365 Distribution Overhead Conductor & Devices (proposed -20 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with overhead conductor of various thickness, as well as various switches and reclosers. The approved net salvage for this account is negative 30 percent. The most recent 5 and 10 year moving averages show negative 22.46 percent and negative 22.63 percent net salvage respectively. Moving in the direction of that trend, negative 20 percent net salvage for this account is recommended.

**FERC Account 366 Distribution Underground Conduit (proposed -10 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with conduit, duct banks, vaults, manholes, and ventilating system equipment. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show negative 36.13 percent and negative 40.01 percent net salvage respectively. Moving in the direction of that trend, negative 10 percent net salvage for this account is recommended.

**FERC Account 367 Distribution Underground Conductor & Devices (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated



with underground distribution conductor, switches, and switchgear. The approved net salvage for this account is positive 20 percent. The most recent 5 and 10 year moving averages show negative 7.61 percent and negative 6.98 percent net salvage respectively. Moving in the direction of that trend, a 0 percent net salvage for this account is recommended.

**FERC Account 369 Distribution Services – Overhead (proposed -70 percent net salvage)**

This account includes any gross salvage or cost of removal associate with overhead services. The approved net salvage for this account is negative 35 percent. The last depreciation study combined data for overhead and underground services, whereas this study separates the two. The most recent 5 and 10 year moving averages show negative 109.31 percent and negative 99.27 percent net salvage respectively. Moving in the direction of that trend, negative 70 percent net salvage for this account is recommended.

**FERC Account 369 Distribution Services – Underground (proposed -5 percent net salvage)**

This account includes any gross salvage and cost of removal associated with underground services. The approved net salvage for this account is negative 35 percent. The last study combined data for overhead and underground services, whereas this study separates the two. The most recent 5 and 10 year moving averages show negative 3.34 percent and negative 4.65 percent net salvage respectively. Moving in the direction of that trend, negative 5 percent net salvage for this account is recommended.

**FERC Account 373 Distribution Street Lighting & Signal Systems (proposed -35 percent net salvage)**

This account includes any gross salvage and cost of removal associated with distribution streetlights, conductor, conduit, luminaire, and standards. The approved

net salvage for this account is negative 20 percent. The most recent 5 and 10 year moving averages show negative 93.47 percent and negative 37.28 percent net salvage respectively. Moving in the direction of that trend, negative 35 percent net salvage for this account is recommended.

## **GENERAL**

### **General Accounts, FERC Accounts 390**

#### **FERC Account 390 General Structures & Improvements (proposed -20 percent net salvage)**

This account includes the any gross salvage and cost of removal associated with cost of general structures and improvements used for utility service. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show negative 49.96 percent and negative 49.20 percent net salvage respectively. Moving in the direction of that trend, negative 20 percent net salvage for this account is recommended.

## **ELECTRIC VINTAGE GROUP (AMORTIZED) ACCOUNTS**

### **DISTRIBUTION**

#### **FERC Account 368 Distribution Line Transformers (proposed -5 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with line transformers and regulators. The approved net salvage for this account is positive 10 percent. The most recent 5 year moving averages shows negative 8.42 and negative 3.63 percent respectively. Moving in the direction of that trend, negative 5 percent net salvage for this account is recommended.

#### **FERC Account 368 Distribution Line Capacitors (-10 percent net salvage)**

This account consists of line capacitors. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show

negative 10.47 percent and negative 12.61 percent net salvage respectively. Moving in the direction of that trend, negative 10 percent net salvage for this account is recommended.

**FERC Account 370 Distribution Meters (proposed 0 percent net salvage)**

This account includes any gross salvage and cost of removal associated with new distribution meters. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show negative 20.74 percent and negative 4.74 percent net salvage respectively. Since the data is limited, retention of 0 percent net salvage for this account is recommended.

**FERC Account 370 Distribution Meters – Old (proposed 0 percent net salvage)**

This account includes any gross salvage and cost of removal associated with all old distribution meters. The approved net salvage for this account is 0 percent. Limited data shows 0 percent net salvage for this account. Thus, retention of 0 percent net salvage for this account is recommended.

## **GENERAL PLANT VINTAGE GROUP (AMORTIZED) ACCOUNTS**

### **FERC Account 303 Intangible Computer Software – 5 year (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with miscellaneous computer software. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show 0 percent net salvage. Based on history and judgment, retention of 0 percent net salvage for this account is recommended.

### **FERC Account 391 General Office Furniture & Equipment (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with miscellaneous office furniture such as desks, chairs, filing cabinets, and tables used for general utility service. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving average shows 0 percent net salvage for both periods. Based on history and judgment, retention of 0 percent net salvage for this account is recommended.

### **FERC Account 391 General Network Equipment (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with computer equipment used for general utility service. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving average shows 0 percent net salvage for both periods. Based on history and judgment, retention of 0 percent net salvage for this account is recommended.

### **FERC Account 392 General Transportation Equipment - Automobiles (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with automobiles used for general utility service. The approved net salvage for this

account is positive 10 percent. There is no recent retirement data. Based on the Company's policy of applying any proceeds for transportation assets to the new addition, 0 percent net salvage for this account is recommended.

**FERC Account 392 General Transportation Equipment - Light Trucks  
(proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with light trucks used for general utility service. The approved net salvage for this account is positive 10 percent. There is limited retirement data. Based on the Company's policy of applying any proceeds for transportation assets to the new addition, 0 percent net salvage for this account is recommended.

**FERC Account 392 General Transportation Equipment - Trailers (proposed 0  
percent net salvage)**

This account consists of any gross salvage and cost of removal associated with trailers used for general utility service. The approved net salvage for this account is positive 10 percent. The most recent 5 and 10 year moving averages show negative 0.01 percent and positive 0.25 per cent net salvage respectively. Based on history and judgment, 0 percent net salvage for this account is recommended.

**FERC Account 392 General Transportation Equipment - Heavy Trucks  
(proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with heavy trucks used for general utility service. The approved net salvage for this account is positive 5 percent. The most recent 10 year moving averages shows negative 0.02 percent net salvage. Based on history and judgment, 0 percent net salvage for this account is recommended.

**FERC Account 393 General Stores Equipment (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with stores equipment used for general utility service. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show 0 percent net salvage for both periods. Based on history and judgment, retention of 0 percent net salvage for this account is recommended.

**FERC Account 394 General Tools, Shop & Garage Equipment (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with various items or tools used in shop and garages such as air compressors, grinders, mixers, hoists, and cranes. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show negative 0.07 percent and negative 0.05 percent net salvage respectively. Based on history and judgment, retention of 0 percent net salvage for this account is recommended.

**FERC Account 395 General Laboratory Equipment (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with laboratory equipment used in general utility service. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show 0 percent net salvage. Based on history and judgment, retention of 0 percent net salvage is recommended for this account.

**FERC Account 396 General Power Operated Equipment (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with bulldozers, forklifts, trenchers, and other power operated equipment that cannot be licensed on roadways. The approved net salvage for this account is positive 10

percent. The most recent 5 and 10 year moving averages show 0 percent net salvage. Based on history and judgment, 0 percent net salvage for this account is recommended.

**FERC Account 397 General Communication Equipment (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with miscellaneous communication equipment used in general utility service. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show negative 0.91 percent and negative 0.06 percent net salvage respectively. Following that trend, retention of 0 percent net salvage for this account is recommended.

**FERC Account 397 General Communication Equipment – Two Way (0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with miscellaneous two way communication equipment used in general utility service. The approved net salvage for this account is 0 percent. Based on experience with the other 397 accounts, retention of 0 percent net salvage for this account is recommended.

**FERC Account 397 General Communication Equipment – AES (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with miscellaneous AES including electronic or automated meter reading communication equipment used in general utility service. The approved net salvage for this account is 0 percent. No data for this subaccount exists. Based on experience with the other 397 accounts, retention of 0 percent net salvage for this account is recommended.

**FERC Account 397 General Communication Equipment – EMS (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with energy management system (EMS) communication equipment used for energy monitoring and controlling equipment to manage general utility service. The approved net salvage for this account is 0 percent. No data for this subaccount exists. Based on experience with the other 397 accounts and the characteristics of the assets in this account, retention of 0 percent net salvage for this account is recommended.

**FERC Account 398 General Miscellaneous Equipment (proposed 0 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with miscellaneous equipment used in general utility service. The approved net salvage for this account is 0 percent. The most recent 5 and 10 year moving averages show 0 net salvage for both periods. Based on history and judgment, retention of 0 percent net salvage for this account is recommended.



## **GAS DEPRECIATED PLANT**

### **TRANSMISSION**

#### **Transmission Accounts, FERC Accounts 366 - 369**

##### **FERC Account 366 Transmission Structures & Improvements (proposed -5 percent net salvage)**

This account includes any gross salvage and cost of removal associated with structures and improvements used in conjunction with transmission operations such as buildings, fences, or other structures. The approved net salvage for this account is 0 percent. Recent retirement activity shows negative net salvage. The most recent 10 year moving average is negative 10.81 percent. Moving in the direction of that trend, negative 5 percent net salvage for this account is recommended.

##### **FERC Account 367 Transmission Mains (proposed -15 percent net salvage)**

This account includes any gross salvage and cost of removal associated with the costs of transmission system mains including excavation costs, pipe, valves, and other equipment. The approved net salvage for this account is negative 30 percent. The most recent 5 and 10 year moving averages show negative 23.31 percent and negative 16.05 percent net salvage respectively. Moving in the direction of that trend, negative 15 percent net salvage for this account is recommended.

##### **FERC Account 369 Transmission Measure & Regulating Station Equipment (proposed -30 percent net salvage)**

This account includes any gross salvage and cost of removal associated with the costs of meters, gauges, and other equipment used to measure or regulate gas in connection with transmission city gate (town border station) operations. The approved net salvage for this account is negative 25 percent. The most recent 5 and 10 year moving averages show negative 38.73 percent and negative 44.35 percent net salvage respectively. Moving in the direction of that trend, negative 30 percent net salvage for this account is recommended.

## **DISTRIBUTION**

### **Distribution Accounts, FERC Accounts 375 - 380**

#### **FERC Account 375 Distribution Structures & Improvements (proposed 0 percent net salvage)**

This account any gross salvage and cost of removal associated with small structures and improvements to such structures and associated assets at city gates and on the main line distribution system. The approved net salvage for this account is 0 percent. Data is limited for this account. The most recent 10 year moving averages shows 0 percent net salvage. Based on net salvage analysis, retention of 0 percent net salvage for this account is recommended.

#### **FERC Account 376 Distribution Mains – Metallic (proposed - 20 percent net salvage)**

This account includes any gross salvage and cost of removal associated with all steel mains. The approved net salvage for this account is negative 30 percent. The most recent 5 and 10 year moving averages show negative 29.63 percent and negative 17.22 percent net salvage respectively. Moving in the direction of that trend, negative 20 percent net salvage for this account is recommended.

#### **FERC Account 376 Distribution Mains – Plastic (proposed -15 percent net salvage)**

This account includes any gross salvage and cost of removal associated with all plastic mains. The approved net salvage for this account is negative 15 percent. The most recent 5 and 10 year moving averages show negative 18.98 percent and negative 14.14 percent net salvage respectively. Moving in the direction of that trend, retention of negative 15 percent net salvage for this account is recommended.

**FERC Account 378 Distribution Measure & Regulating Station Equipment – General (proposed -25 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with meters, gauges, and other equipment used in measuring and regulating gas in connection with distribution system operations other than the measurement of gas deliveries city gate and to customers. The approved net salvage for this account is negative 25 percent. The most recent 5 and 10 year moving averages show negative 66.21 percent and negative 77.46 percent net salvage respectively. Since data is limited in this account, retention of negative 25 percent net salvage for this account is recommended.

**FERC Account 379 Distribution Measure & Regulating Station Equipment - City Gate (proposed -2 percent net salvage)**

This account consists of any gross salvage and cost of removal associated with measuring and regulating devices and other apparatus at city gate stations. The approved net salvage for this account is negative 25 percent. The most recent 5 and 10 year moving averages show negative 10.34 percent and negative 2.06 percent net salvage respectively. Moving in the direction of that trend, negative 2 percent net salvage for this account is recommended.

**FERC Account 380 Distribution Services - Metallic (proposed -40 percent net salvage)**

Service lines are the steel pipes and accessories leading from the main to the customers' premises. The approved net salvage for this account is negative 30 percent. The most recent 5 and 10 year moving averages show negative 47.83 percent and negative 47.82 percent net salvage respectively. Moving in the direction of that trend, negative 40 percent net salvage for this account is recommended.

**FERC Account 380 Distribution Services - Plastic (-30 percent net salvage)**

Service lines are the plastic pipes and accessories leading from the main to the customers' premises. The approved net salvage for this account is negative 30 percent. The most recent 5 and 10 year moving averages show negative 30.28 percent and negative 30.17 percent net salvage respectively. Moving in the direction of that trend, retention of negative 30 percent net salvage for this account is recommended.

**GENERAL**

**General Accounts, FERC Accounts 390**

**FERC Account 390 General Structures & Improvements (proposed -20 percent net salvage)**

This account includes any gross salvage and cost of removal associated with cost of general structures and improvements used for utility service. The approved net salvage for this account is 0 percent. There has been little retirement activity in this account. Based on data for Account 390 Electric and 390 Common, negative 20 percent net salvage for this account is recommended.

## **GAS VINTAGE GROUP (AMORTIZED) ACCOUNTS**

### **GAS DISTRIBUTION**

#### **Account 381 Distribution Meters (proposed -3 percent net salvage)**

This account includes any gross salvage and cost of removal associated with the cost of meters. The approved net salvage for this account is negative 15 percent. The most recent 5 and 10 year moving averages show negative 8.10 percent and negative 3.07 percent net salvage respectively. Moving in the direction of that trend, negative 3 percent net salvage for this account is recommended.

#### **Account 381 Distribution Meters - Telemetry (proposed 0 percent net salvage)**

This account includes any gross salvage and cost of removal associated with the cost of telemetry assets. The approved net salvage for this account is 0 percent. There has been limited retirement experience. Based on data and judgment, retention of 0 percent net salvage for this account is recommended. This analysis is for any future investment in this account. The investment in this account is fully amortized in 2012.

#### **Account 383 Distribution House Regulators (proposed 0 percent net salvage)**

This account includes any gross salvage and cost of removal associated with cost of house regulators. The approved net salvage for this account is negative 10 percent. The most recent 5 and 10 year moving averages show negative 0.47 percent net salvage for both periods. Based on recent history, 0 percent net salvage for this account is recommended.

### GENERAL PLANT VINTAGE GROUP (AMORTIZED) ACCOUNTS

The same net salvage parameters used for electric plant are proposed for amortized gas plant due to the similar operations and policies. The table below summarizes recommendations by account.

#### GAS AMORTIZED ACCOUNTS

Acct	Description	Current Net Salvage	Proposed Net Salvage
Intangible			
303	Computer Software - 5 Year	0	0
General Plant			
391	Office Furniture & Equipment	0	0
391	Network Equipment	0	0
392	Transportation Equipment - Automobiles	10	0
392	Transportation Equipment - Light Trucks	10	0
392	Transportation Equipment - Trailers	10	0
392	Transportation Equipment - Heavy Trucks	5	0
393	Stores Equipment	0	0
394	Tools, Shop & Garage Equipment	0	0
395	Laboratory Equipment	0	0
396	Power Operated Equipment	10	0
397	Communication Equipment	0	0
397	Communication Equipment - AES	0	0
397	Communication Equipment - EMS	0	0
398	Miscellaneous Equipment	0	0

## **COMMON UTILITY PLANT DEPRECIATED ACCOUNTS**

### **General Accounts, FERC Account 390**

#### **FERC Account 390 General Structures & Improvements (proposed -20 percent net salvage)**

This account includes any gross salvage or cost of removal associated with the cost of general structures and improvements used for utility service. The approved net salvage for this account is 0 percent. Net salvage data shows negative net salvage in most bands. The most recent 5 and 10 year averages are negative 103.84 and negative 57.66 respectively. To move in the direction indicated by Company data, negative 20 percent net salvage for this account is recommended.

#### **FERC Account 390 General Structures & Improvements – Leased (proposed 0 percent net salvage)**

This account includes any gross salvage or cost of removal associated with the cost of leasehold improvements used for utility service. The approved net salvage for this account is 0 percent. There has been no retirement experience in this account. These assets typically have no net salvage. Based on judgment, retaining 0 percent net salvage for this account is recommended.

### GENERAL PLANT VINTAGE GROUP (AMORTIZED) ACCOUNTS

The same net salvage parameters used for electric and gas plant are proposed for amortized common plant due to the similar operations and policies. The table below summarizes recommendations by account.

#### COMMON AMORTIZED PLANT

Acct	Description	Current Net Salvage	Proposed Net Salvage
Intangible			
303	Computer Software - 3 Year	0	0
303	Computer Software - 5 Year	0	0
303	Computer Software - 7 Year	0	0
303	Computer Software - 10 Year	0	0
General Plant			
391	Office Furniture & Equipment	0	0
391	Network Equipment	0	0
392	Transportation Equipment - Automobiles	10	0
392	Transportation Equipment - Light Trucks	10	0
392	Transportation Equipment - Trailers	10	0
392	Transportation Equipment - Heavy Trucks	5	0
393	Stores Equipment	0	0
394	Tools, Shop & Garage Equipment	0	0
395	Laboratory Equipment	0	0
396	Power Operated Equipment	10	0
397	Communication Equipment	0	0
397	Communication Equipment Two Way	0	0
398	Miscellaneous Equipment	0	0



**APPENDIX A**  
**Depreciation Rate Calculations**

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

2012 Summary of Annual Depreciation Accruals

Average Service Life

**Utility Accounts**

FERC Account	Company Account	Account Description	Plant Balance 01/01/2012	Depreciation Reserve 01/01/2012	Est. Future Net Salvage %	Est. Future Net Salvage Amount	Unaccrued Balance	Remaining Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
<b>Electric Utility</b>											
<b>Transmission</b>											
352	10352000	Structures & Improvements	46,878,153	15,348,271	0%	-	31,529,882	52.67	598,651	1.2770%	32.74%
353	10353000	Station Equipment	856,268,539	277,554,258	-10%	(85,626,854)	664,341,135	44.73	14,852,857	1.7346%	32.41%
354	10354000	Towers & Fixtures	113,933,667	91,740,102	-35%	(39,876,783)	62,070,348	41.30	1,502,944	1.3191%	80.52%
355	10355000	Poles & Fixtures	557,866,574	140,344,077	-35%	(195,253,301)	612,775,798	54.12	11,322,193	2.0296%	25.16%
356	10356000	Overhead Conductor & Devices	303,746,575	99,071,932	-30%	(91,123,973)	295,798,616	52.23	5,663,053	1.8644%	32.62%
357	10357000	Underground Conduit	12,146,888	3,742,982	0%	-	8,403,905	57.58	145,963	1.2016%	30.81%
358	10358000	Underground Conductor & Devices	20,992,067	5,132,759	0%	-	15,859,308	45.84	345,974	1.6481%	24.45%
Total Transmission			1,911,832,463	632,934,381		(411,880,911)	1,690,778,993		34,431,635		
<b>Distribution - Minnesota Only</b>											
361	10361000	Structures & Improvements	33,530,827	15,353,500	-30%	(10,059,248)	28,236,575	40.91	690,161	2.0583%	45.79%
362	10362000	Station Equipment	432,935,359	136,541,124	-20%	(86,587,072)	382,981,306	41.94	9,130,628	2.1090%	31.54%
364	10364000	Poles, Towers & Fixtures	276,983,831	165,343,920	-100%	(276,983,831)	388,623,742	32.14	12,091,974	4.3656%	59.69%
365	10365000	Overhead Conductor & Devices	305,257,633	87,064,868	-20%	(61,051,527)	279,244,292	30.63	9,117,265	2.9867%	28.52%
366	10366000	Underground Conduit	195,485,167	61,565,297	-10%	(19,548,517)	153,468,387	38.55	3,980,625	2.0363%	31.49%
367	10367000	Underground Conductor & Devices	796,388,991	253,046,916	0%	-	543,342,075	32.09	16,933,820	2.1263%	31.77%
369	10369010	Services - Overhead	67,976,679	48,822,436	-70%	(47,583,675)	66,737,918	24.74	2,697,884	3.9688%	71.82%
369	10369020	Services - Underground	166,419,623	76,994,920	-5%	(8,320,981)	97,745,684	24.68	3,959,904	2.3795%	46.27%
373	10373000	Street Lighting & Signal Systems	49,608,946	17,512,581	-35%	(17,363,131)	49,459,496	22.15	2,232,822	4.5008%	35.30%
Total Distribution			2,324,587,055	862,245,561		(527,497,981)	1,989,839,475		60,835,083		
<b>General</b>											
390	10390000	Structures & Improvements	59,179,857	26,921,569	-20%	(11,835,971)	44,094,259	37.84	1,165,128	1.9688%	45.49%
Total General			59,179,857	26,921,569		(11,835,971)	44,094,259		1,165,128		
Total Electric Utility			4,295,599,375	1,522,101,512		(951,214,864)	3,724,712,727		96,431,846		

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy  
2011 Summary of Annual Depreciation Accruals  
Average Service Life  
Utility Accounts

FERC Account	Company Account	Account Description	Plant Balance 01/01/2012	Depreciation Reserve 01/01/2012	Est. Future Net Salvage % Amount	Unaccrued Balance	Remaining Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
<b>Gas Utility</b>										
<b>Transmission</b>										
366	20366000	Structures & Improvements	1,017,205	639,031	-5% (50,860)	429,034	33.83	12,683	1.2468%	62.82%
367	20367000	Mains	53,675,877	20,682,288	-15% (8,051,382)	41,044,971	61.52	667,234	1.2431%	38.53%
369	20369000	Measure & Regulating Station Equipment	10,986,598	6,333,058	-30% (3,295,979)	7,949,519	25.03	317,662	2.8914%	57.64%
Total Transmission			65,679,680	27,654,377	(11,398,221)	49,423,524		997,579		
<b>Distribution - Minnesota Only</b>										
375	20375000	Structures & Improvements	55,163	33,294	0% -	21,869	18.19	1,202	2.1794%	60.36%
376	20376010	Mains - Metallic	80,789,038	39,025,533	-20% (16,157,808)	57,921,312	32.54	1,779,982	2.2032%	48.31%
376	20376020	Mains - Plastic	307,169,652	104,479,744	-15% (46,075,448)	248,765,356	33.03	7,530,941	2.4517%	34.01%
378	20378000	Measure & Regulating Station Equipment - General	6,005,195	2,657,298	-25% (1,501,299)	4,849,196	25.90	187,195	3.1172%	44.25%
379	20379000	Measure & Regulating Station Equipment - City Gate	1,773,490	226,166	-2% (35,470)	1,582,794	33.73	46,928	2.6461%	12.75%
380	20380010	Services - Metallic	11,675,526	12,725,546	-40% (4,670,211)	3,620,191	12.00	301,791	2.5848%	108.99%
380	20380020	Services - Plastic	250,603,763	121,222,944	-30% (75,181,129)	204,561,948	25.95	7,882,425	3.1454%	48.37%
Total Distribution			658,071,827	280,370,523	(143,621,363)	521,322,667		17,730,464		
<b>General</b>										
390	20390000	Structures & Improvements	1,945,425	333,436	-20% (389,085)	2,001,073	48.03	41,659	2.1414%	17.14%
Total General			1,945,425	333,436	(389,085)	2,001,073		41,659		
Total Gas Utility			725,696,932	308,358,337	(155,408,670)	572,747,265		18,769,702		

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

2011 Summary of Annual Depreciation Accruals

Average Service Life

**Utility Accounts**

FERC Account	Company Account	Account Description	Plant Balance 01/01/2012	Depreciation Reserve 01/01/2012	Est. Future Net Salvage		Unaccrued Balance	Remaining Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
					%	Amount					
<b>Common Utility</b>											
<b>General</b>											
390	40390000	Structures & Improvements	115,747,921	24,851,017	-20%	(23,149,584)	114,046,488	44.19	2,580,693	2.2296%	21.47%
390	40390007	Structures & Improvements - Leased	1,163,412	476,674	0%	-	686,738	5.50	124,861	10.7324%	40.97%
		Total General	116,911,333	25,327,691		(23,149,584)	114,733,226		2,705,554		
		Total Common Utility	116,911,333	25,327,691		(23,149,584)	114,733,226		2,705,554		
		Total ASL- All Utilities	5,138,207,640	1,855,787,539		(1,129,773,117)	4,412,193,218		117,907,102		

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**  
 Computation of Amortization Rate  
 Vintage Group  
 Electric Utility

FERC Account	Company Account	Account Description	Plant Balance 01/01/2012	Depreciation Reserve 01/01/2012	Est. Future Net Salvage % Amount	Unaccrued Balance	Remaining Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
<b>Distribution - Minnesota Only</b>										
368	10368000	Line Transformers	327,056,337	162,954,214	-5% (16,352,817)	180,454,940	18.76	9,620,434	2.9415%	49.82%
368	10368010	Line Capacitors	18,030,013	12,151,454	-10% (1,803,001)	7,681,560	10.76	714,180	3.9611%	67.40%
370	10370010	Meters - Old	1,680,974	1,680,974	0% -	-	0.00	-	0.0000%	100.00%
370	10370000	Meters	91,277,436	61,046,782	0% -	30,230,654	5.65	5,347,336	5.8583%	66.88%
Total Electric Vintage Group			438,044,761	237,833,425	(18,155,818)	218,367,154		15,681,950		

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy  
 Computation of Amortization Rate  
 Vintage Group  
 Gas Utility

FERC Account	Company Account	Account Description	Plant Balance 01/01/2012	Depreciation Reserve 01/01/2012	Est. Future Net Salvage % Amount	Unaccrued Balance	Remaining Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio	
<b>Distribution- Minnesota Only</b>											
381	20381000	Meters	90,268,507	56,598,615	-3%	(2,708,055)	36,377,948	8.77	4,149,793	4.5972%	62.70%
381	20381010	Meters - Telemetering	-	-	0%	-	-	NA	-	NA	NA
383	20383000	House Regulators	3,435,550	3,344,936	0%	-	90,615	1.72	52,709	1.5342%	97.36%
Total Gas Vintage Group			93,704,058	59,943,551		(2,708,055)	36,468,562		4,202,502		

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**  
Computation of Amortization Amount  
For Amortized Property  
At January 1, 2012  
**Electric Utility**

FERC Account	Description	Plant Balance 01/01/2012	Allocated Reserve 01/01/2012	Theoretical Reserve 01/01/2012	Reserve Difference	Remaining Life	Amortize Reserve Difference
<b>Intangible</b>							
303	Intangible Computer Software - 5 Year	38,001,392	30,151,432	29,734,387	417,044	2.72	(153,536)
	Total Intangible	38,001,392	30,151,432	29,734,387	417,044		(153,536)
<b>General</b>							
391	Office Furniture & Equipment	22,857,009	8,778,503	8,281,594	496,909	12.75	(38,962)
391	Network Equipment	12,149,587	10,029,809	9,873,335	156,474	1.86	(83,935)
392	Transportation Equipment - Automobiles	390,265	94,451	89,105	5,346	7.72	(693)
392	Transportation Equipment - Light Trucks	21,124,664	6,678,708	6,306,261	372,447	8.46	(44,038)
392	Transportation Equipment - Trailers	7,211,534	1,163,591	1,097,725	65,865	12.72	(5,179)
392	Transportation Equipment - Heavy Trucks	41,791,424	10,133,814	9,567,745	566,069	10.83	(52,271)
393	Stores Equipment	1,586,203	810,696	784,931	25,765	13.02	(1,979)
394	Tools, Shop & Garage Equipment	51,659,027	18,884,581	17,844,664	1,039,917	9.92	(104,862)
395	Laboratory Equipment	3,805,496	2,158,117	2,046,333	111,784	4.86	(23,017)
396	Power Operated Equipment	20,725,068	3,968,021	3,743,411	224,611	9.83	(22,844)
397	Communication Equipment	12,763,770	5,058,515	4,804,972	253,542	5.88	(43,129)
397	Communication Equipment - Two Way	252,239	113,028	107,744	5,284	5.59	(945)
397	Communication Equipment - AES	4,962,953	1,448,553	1,366,557	81,996	10.87	(7,543)
397	Communication Equipment - EMS	9,748,526	3,226,532	3,043,893	182,639	10.32	(17,704)
398	Miscellaneous Equipment	2,794,004	1,462,844	1,380,609	82,235	7.62	(10,799)
	Total General	213,821,771	74,009,762	70,338,878	3,670,883		(457,900)
	Total Electric Intangible and General	251,823,163	104,161,193	100,073,266	4,087,927		(611,435)

**Excluding Fully Accrued Assets**

FERC Account	Description	Plant Balance 01/01/2012	Allocated Reserve 01/01/2012	Amortization Life	Annual Amortization	Accrual For Reserve Difference	Total Amortization	Amortization Rate
<b>Intangible</b>								
303	Intangible Computer Software - 5 Year	15,217,558	7,367,597	5.00	3,043,512	(153,536)	2,889,976	18.9911%
	Total Intangible	15,217,558	7,367,597		3,043,512	(153,536)	2,889,976	
<b>General</b>								
391	Office Furniture & Equipment	22,857,009	8,778,503	20.00	1,142,850	(38,962)	1,103,888	4.8295%
391	Network Equipment	4,884,082	2,764,304	4.00	1,221,021	(83,935)	1,137,085	23.2815%
392	Transportation Equipment - Automobiles	390,265	94,451	10.00	39,027	(693)	38,334	9.8225%
392	Transportation Equipment - Light Trucks	21,025,679	6,579,723	12.00	1,752,140	(44,038)	1,708,102	8.1239%
392	Transportation Equipment - Trailers	7,211,534	1,163,591	15.00	480,769	(5,179)	475,590	6.5948%
392	Transportation Equipment - Heavy Trucks	41,657,907	10,000,297	14.00	2,975,565	(52,271)	2,923,293	7.0174%
393	Stores Equipment	1,230,683	455,176	20.00	61,534	(1,979)	59,556	4.8392%
394	Tools, Shop & Garage Equipment	51,145,841	18,371,395	15.00	3,409,723	(104,862)	3,304,861	6.4616%
395	Laboratory Equipment	3,622,186	1,974,806	10.00	362,219	(23,017)	339,202	9.3646%
396	Power Operated Equipment	20,725,068	3,968,021	12.00	1,727,089	(22,844)	1,704,245	8.2231%
397	Communication Equipment	12,184,390	4,479,135	9.00	1,353,821	(43,129)	1,310,693	10.7571%
397	Communication Equipment - Two Way	232,557	93,346	9.00	25,840	(945)	24,895	10.7048%
397	Communication Equipment - AES	4,962,953	1,448,553	15.00	330,864	(7,543)	323,320	6.5147%
397	Communication Equipment - EMS	9,748,526	3,226,532	15.00	649,902	(17,704)	632,198	6.4851%
398	Miscellaneous Equipment	2,783,945	1,452,786	15.00	185,596	(10,799)	174,798	6.2788%
	Total General	204,662,628	64,850,619		15,717,958	(457,900)	15,260,059	
	Total Electric Intangible & General	219,880,186	72,218,217		18,761,470	(611,435)	18,150,035	

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Gas Utility

FERC Account	Description	Plant Balance 01/01/2012	Allocated Reserve 01/01/2012	Theoretical Reserve 01/01/2012	Reserve Difference	Remaining Life	Amortize Reserve Difference
Intangible							
303	Intangible Computer Software - 5 Year	4,994,873	2,309,620	2,225,443	84,177.53	3.78	(22,263)
	Total Intangible	4,994,873	2,309,620	2,225,443	84,177.53		(22,263)
General							
391	Office Furniture & Equipment	877,862	228,998	209,498	19,500	15.23	(1,281)
391	Network Equipment	37,566	11,935	10,907	1,028	2.84	(362)
392	Transportation Equipment - Automobiles	83,716	68,189	62,314	5,875	2.56	(2,298)
392	Transportation Equipment - Light Trucks	3,556,524	1,121,778	1,025,131	96,647	8.54	(11,315)
392	Transportation Equipment - Trailers	661,434	205,482	187,779	17,703	10.74	(1,648)
392	Transportation Equipment - Heavy Trucks	4,827,305	1,471,517	1,344,738	126,779	10.10	(12,552)
393	Stores Equipment	10,091	276	252	24	19.50	(1)
394	Tools, Shop & Garage Equipment	4,305,799	2,496,800	2,281,689	215,112	7.05	(30,507)
396	Power Operated Equipment	1,132,309	769,446	753,556	15,890	8.30	(1,913)
397	Communication Equipment	12,618,831	5,286,010	4,832,757	453,252	5.56	(81,458)
397	Communication Equipment - AES	5,634,650	1,351,840	1,235,372	116,468	11.71	(9,945)
397	Communication Equipment - EMS	4,166,157	1,701,543	1,554,946	146,596	9.40	(15,593)
398	Miscellaneous Equipment	89,194	67,421	63,352	4,068	5.62	(724)
	Total General	38,001,439	14,781,234	13,562,292	1,218,942		(169,598)
	Total Gas Intangible & General	42,996,312	17,090,854	15,787,734	1,303,120		(191,861)

Excluding Fully Accrued Assets

FERC Account	Description	Plant Balance 01/01/2012	Allocated Reserve 01/01/2012	Amortization Life	Annual Amortization	Accrual For Reserve Difference	Total Amortization	Amortization Rate
Intangible								
303	Intangible Computer Software - 5 Year	3,662,300	977,047	5	732,460	(22,263)	710,197	19.3921%
	Total Intangible	3,662,300	977,047		732,460	(22,263)	710,197	
General								
391	Office Furniture & Equipment	877,862	228,998	20	43,893	(1,281)	42,613	4.8541%
391	Network Equipment	37,566	11,935	4	9,391	(362)	9,029	24.0357%
392	Transportation Equipment - Automobiles	83,716	68,189	10	8,372	(2,298)	6,074	7.2550%
392	Transportation Equipment - Light Trucks	3,556,524	1,121,778	12	296,377	(11,315)	285,062	8.0152%
392	Transportation Equipment - Trailers	661,434	205,482	15	44,096	(1,648)	42,448	6.4175%
392	Transportation Equipment - Heavy Trucks	4,827,305	1,471,517	14	344,808	(12,552)	332,255	6.8828%
393	Stores Equipment	10,091	276	20	505	(1)	503	4.9879%
394	Tools, Shop & Garage Equipment	4,305,799	2,496,800	15	287,053	(30,507)	256,547	5.9582%
396	Power Operated Equipment	547,294	184,431	12	45,608	(1,913)	43,695	7.9837%
397	Communication Equipment	12,593,714	5,260,893	9	1,399,302	(81,458)	1,317,844	10.4643%
397	Communication Equipment - AES	5,634,650	1,351,840	15	375,643	(9,945)	365,698	6.4902%
397	Communication Equipment - EMS	4,166,157	1,701,543	15	277,744	(15,593)	262,151	6.2924%
398	Miscellaneous Equipment	68,994	47,221	15	4,600	(724)	3,875	5.6171%
	Total General	37,371,108	14,150,903		3,137,390	(169,598)	2,967,793	
	Total Gas Intangible & General	41,033,408	15,127,950		3,869,850	(191,861)	3,677,989	



Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Common Utility

FERC Account	Account Description	Plant Balance 01/01/2012	Allocated Reserve 01/01/2012	Theoretical Reserve 01/01/2012	Reserve Difference	Remaining Life	Amortize Reserve Difference
Intangible							
303	Intangible Computer Software - 3 Year	11,905,829	11,905,829	11,905,829	0	0.00	NA
303	Intangible Computer Software - 5 Year	135,278,764	96,558,831	97,954,124	(1,395,293)	2.94	473,914
303	Intangible Computer Software - 7 Year	70,726,449	70,131,524	70,131,524	0	0.50	0
303	Intangible Computer Software - 10 Year	20,801,640	20,692,275	20,702,165	(9,890)	3.50	2,826
	Total Intangible	238,712,681	199,288,459	200,693,642	(1,405,183)		476,739
General							
391	Office Furniture & Equipment	31,508,621	20,137,798	20,818,095	(680,297)	9.14	74,446
391	Network Equipment	45,809,354	29,342,899	29,955,069	(612,170)	2.32	263,421
392	Transportation Equipment - Automobiles	319,097	93,990	99,307	(5,317)	6.89	772
392	Transportation Equipment - Light Trucks	4,350,598	2,082,324	2,200,111	(117,787)	5.93	19,858
392	Transportation Equipment - Trailers	1,125,686	322,385	340,621	(18,236)	10.46	1,743
392	Transportation Equipment - Heavy Trucks	4,425,984	1,633,134	1,725,513	(92,379)	8.54	10,815
393	Stores Equipment	73,660	65,325	65,370	(45)	18.15	2
394	Tools, Shop & Garage Equipment	2,419,867	913,997	951,783	(37,786)	10.13	3,730
395	Laboratory Equipment	36,686	26,042	27,515	(1,473)	2.50	589
396	Power Operated Equipment	711,999	223,512	235,874	(12,362)	8.08	1,530
397	Communication Equipment	1,499,822	870,370	912,121	(41,751)	3.87	10,795
397	Communication Equipment - Two Way	3,926,377	2,360,323	2,483,200	(122,877)	3.47	35,366
398	Miscellaneous Equipment	917,274	565,881	591,917	(26,036)	6.01	4,330
	Total General	97,125,024	58,637,980	60,406,496	(1,768,516)		427,397
	Total Common Intangible & General	335,837,705	257,926,438	261,100,138	(3,173,699)		904,136

Excluding Fully Accrued Assets

FERC Account	Description	Plant Balance 01/01/2012	Allocated Reserve 01/01/2012	Amortization Life	Annual Amortization	Accrual For Reserve Difference	Total Amortization	Amortization Rate
Intangible								
303	Intangible Computer Software - 3 Year	0	0	3.00	0	0	0	33.3333% (2)
303	Intangible Computer Software - 5 Year	63,386,881	24,666,948	5.00	12,677,376	473,914	13,151,290	20.7477%
303	Intangible Computer Software - 7 Year	8,328,954	7,734,029	7.00	1,189,851	0	1,189,851	14.2900%
303	Intangible Computer Software - 10 Year	284,213	174,848	10.00	28,421	2,826	31,247	10.9943%
	Total Intangible	72,000,048	32,575,825		13,895,648	476,739	14,372,387	
(2) Rate if new plant is added								
General								
391	Office Furniture & Equipment	23,397,579	12,026,756	20	1,169,879	74,446	1,244,325	5.3182%
391	Network Equipment	27,288,817	10,822,362	4	6,822,204	263,421	7,085,625	25.9653%
392	Transportation Equipment - Automobiles	319,097	93,990	10	31,910	772	32,682	10.2419%
392	Transportation Equipment - Light Trucks	4,350,598	2,082,324	12	362,550	19,858	382,408	8.7898%
392	Transportation Equipment - Trailers	1,125,686	322,385	15	75,046	1,743	76,789	6.8215%
392	Transportation Equipment - Heavy Trucks	4,425,984	1,633,134	14	316,142	10,815	326,956	7.3872%
393	Stores Equipment	9,136	801	20	457	2	459	5.0273%
394	Tools, Shop & Garage Equipment	2,173,877	668,007	15	144,925	3,730	148,655	6.8383%
395	Laboratory Equipment	36,686	26,042	10	3,669	589	4,258	11.6061%
396	Power Operated Equipment	707,031	218,544	12	58,919	1,530	60,449	8.5497%
397	Communication Equipment	1,367,560	738,108	9	151,951	10,795	162,746	11.9005%
397	Communication Equipment - Two Way	3,738,356	2,172,302	9	415,373	35,366	450,739	12.0571%
398	Miscellaneous Equipment	811,679	460,285	15	54,112	4,330	58,442	7.2002%
	Total General	69,752,085	31,265,041		9,607,136	427,397	10,034,533	
	Total Common Intangible & General	141,752,133	63,840,866		23,502,784	904,136	24,406,920	

**APPENDIX B**  
**Depreciation Expense Comparison**

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy  
 Comparison of Present and Proposed Accruals  
 Average Service Life  
 Electric Utility

FERC Account	Account Description	Plant Balance 01/01/2012	Fully Accrued	Adjusted Plant Balance 01/01/2012	Present		Proposed		Proposed Less Present Accrual	
					Annual Rate	Note	Annual Accrual	Annual Rate		Annual Accrual
Transmission										
352	Structures & Improvements	46,878,153		46,878,153	2.22		1,040,695	1.2770%	598,651	(442,044)
353	Station Equipment	856,268,539		856,268,539	2.63		22,519,863	1.7346%	14,852,857	(7,667,006)
354	Towers & Fixtures	113,933,667		113,933,667	1.87	(1)	2,132,838	1.3191%	1,502,944	(629,894)
355	Poles & Fixtures	557,866,574		557,866,574	1.82	(1)	10,133,088	2.0296%	11,322,193	1,189,105
356	Overhead Conductor & Devices	303,746,575		303,746,575	2.47	(1)	7,492,821	1.8644%	5,663,053	(1,829,767)
357	Underground Conduit	12,146,888		12,146,888	1.19	(1)	144,548	1.2016%	145,963	1,415
358	Underground Conductor & Devices	20,992,067		20,992,067	1.87	(1)	392,888	1.6481%	345,974	(46,914)
	Total Transmission	1,911,832,463	-	1,911,832,463			43,856,740		34,431,635	(9,425,106)
Distribution - Minnesota Only										
361	Structures & Improvements	33,530,827		33,530,827	2.89		969,041	2.0583%	690,161	(278,880)
362	Station Equipment	432,935,359		432,935,359	2.89		12,511,832	2.1090%	9,130,628	(3,381,204)
364	Poles, Towers & Fixtures	276,983,831		276,983,831	3.67	(1)	10,176,940	4.3656%	12,091,974	1,915,034
365	Overhead Conductor & Devices	305,257,633		305,257,633	2.64	(1)	8,055,444	2.9867%	9,117,265	1,061,821
366	Underground Conduit	195,485,167		195,485,167	0.92	(1)	1,807,456	2.0363%	3,980,625	2,173,169
367	Underground Conductor & Devices	796,388,991		796,388,991	1.21	(1)	9,638,696	2.1263%	16,933,820	7,295,124
369	Services - Overhead	67,976,679		67,976,679	2.53	(1)	1,718,654	3.9688%	2,697,884	979,229
369	Services - Underground	166,419,623		166,419,623	2.53	(1)	4,207,587	2.3795%	3,959,904	(247,683)
373	Street Lighting & Signal Systems	49,608,946		49,608,946	4.80		2,381,229	4.5008%	2,232,822	(148,407)
	Total Distribution	2,324,587,055		2,324,587,055			51,466,879		60,835,083	9,368,203
General										
390	Structures & Improvements	59,179,857		59,179,857	2.22		1,313,793	1.9688%	1,165,128	(148,665)
	Total General	59,179,857		59,179,857			1,313,793		1,165,128	(148,665)
	Total Electric Utility	4,295,599,375		4,295,599,375			96,637,412		96,431,846	(205,567)

(1) Rates from Minnesota settlement agreement E002/GR-10-971  
 All other rates from Docket E,G-002/D-07-1528

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Present and Proposed Accruals  
 Average Service Life

**Gas Utility**

FERC Account	Account Description	Plant Balance 01/01/2012	Fully Accrued	Adjusted Plant Balance 01/01/2012	Present		Proposed		Proposed Less Present Accrual
					Annual Rate	Annual Accrual	Annual Rate	Annual Accrual	
Transmission									
366	Structures & Improvements	1,017,205		1,017,205	2.44	24,820	1.2468%	12,683	(12,137)
367	Mains	53,675,877		53,675,877	2.89	1,551,233	1.2431%	667,234	(883,999)
369	Measure & Regulating Station Equipment	10,986,598		10,986,598	4.03	442,760	2.8914%	317,662	(125,098)
	Total Transmission	65,679,681		65,679,681		2,018,813		997,579	(1,021,234)
Distribution - Minnesota Only									
375	Structures & Improvements	55,163		55,163	2.44	1,346	2.1794%	1,202	(144)
376	Mains - Metallic	80,789,038		80,789,038	2.89	2,334,803	2.2032%	1,779,982	(554,821)
376	Mains - Plastic	307,169,652		307,169,652	2.56	7,863,543	2.4517%	7,530,941	(332,602)
378	Measure & Regulating Station Equipment - General	6,005,195		6,005,195	4.03	242,009	3.1172%	187,195	(54,814)
379	Measure & Regulating Station Equipment - City Gate	1,773,490		1,773,490	4.03	71,472	2.6461%	46,928	(24,544)
380	Services - Metallic	11,675,526		11,675,526	3.25	379,455	2.5848%	301,791	(77,663)
380	Services - Plastic	250,603,763		250,603,763	3.25	8,144,622	3.1454%	7,882,425	(262,197)
	Total Distribution	658,071,827		658,071,827		19,037,250		17,730,464	(1,306,786)
General									
390	Structures & Improvements	1,945,425		1,945,425	2.22	43,188	2.1414%	41,659	(1,529)
	Total General	1,945,425		1,945,425		43,188		41,659	(1,529)
	Total Gas Utility	725,696,933		725,696,933		21,099,251		18,769,702	(2,329,549)

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**  
 Comparison of Present and Proposed Accruals  
 Average Service Life  
**Common Utility**

FERC Account	Account Description	Plant Balance 01/01/2012	Fully Accrued	Adjusted Plant Balance 01/01/2012	Present		Proposed		Proposed Less Present Accrual
					Annual Rate	Annual Accrual	Annual Rate	Annual Accrual	
General									
390 Structures & Improvements		115,747,921		115,747,921	2.22	2,569,604	2.2296%	2,580,693	11,089
390 Structures & Improvements - Leased		1,163,412		1,163,412	10.53	122,507	10.7324%	124,861	2,354
	Total General	<u>116,911,333</u>		<u>116,911,333</u>		<u>2,692,111</u>		<u>2,705,554</u>	<u>13,443</u>
	Total Common Utility	<u>116,911,333</u>		<u>116,911,333</u>		<u>2,692,111</u>		<u>2,705,554</u>	<u>13,443</u>
	Total ASL All Utilities	<u>5,138,207,640</u>		<u>5,138,207,640</u>		<u>120,428,775</u>		<u>117,907,102</u>	<u>(2,521,673)</u>

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Present and Proposed Accruals

Vintage Group

**Electric Utility**

FERC Account	Account Description	Plant Balance 01/01/2012	Fully Accrued	Adjusted Plant Balance 01/01/2012	Present		Proposed		Proposed Less	
					Annual Rate	Annual Accrual	Annual Rate	Annual Accrual	Present	Accrual
Intangible										
303	Intangible Computer Software - 5 Year	38,001,392	22,783,834	15,217,558	20.00	3,043,512	18.9911%	2,889,976		(153,536)
	Total Intangible	38,001,392	22,783,834	15,217,558		3,043,512		2,889,976		(153,536)
General										
391	Office Furniture & Equipment	22,857,009	-	22,857,009	5.56	1,270,850	4.8295%	1,103,888		(166,962)
391	Network Equipment	12,149,587	7,265,505	4,884,082	25.00	1,221,021	23.2815%	1,137,085		(83,935)
392	Transportation Equipment - Automobiles	390,265	-	390,265	18.00	70,248	9.8225%	38,334		(31,914)
392	Transportation Equipment - Light Trucks	21,124,664	98,985	21,025,679	9.00	1,892,311	8.1239%	1,708,102		(184,210)
392	Transportation Equipment - Trailers	7,211,534	-	7,211,534	9.00	649,038	6.5948%	475,590		(173,449)
392	Transportation Equipment - Heavy Trucks	41,791,424	133,516	41,657,907	7.92	3,299,306	7.0174%	2,923,293		(376,013)
393	Stores Equipment	1,586,203	355,520	1,230,683	5.00	61,534	4.8392%	59,556		(1,979)
394	Tools, Shop & Garage Equipment	51,659,027	513,185	51,145,841	6.67	3,411,428	6.4616%	3,304,861		(106,566)
395	Laboratory Equipment	3,805,496	183,311	3,622,186	10.00	362,219	9.3646%	339,202		(23,017)
396	Power Operated Equipment	20,725,068	-	20,725,068	9.00	1,865,256	8.2231%	1,704,245		(161,011)
397	Communication Equipment	12,763,770.31	579,380	12,184,390	11.11	1,353,686	10.7571%	1,310,693		(42,993)
397	Communication Equipment - Two Way	252,239.22	19,682	232,557	11.11	25,837	10.7048%	24,895		(942)
397	Communication Equipment - AES	4,962,953.39	-	4,962,953	6.67	331,029	6.5147%	323,320		(7,709)
397	Communication Equipment - EMS	9,748,526.07	-	9,748,526	6.67	650,227	6.4851%	632,198		(18,029)
398	Miscellaneous Equipment	2,794,004	10,058	2,783,945	6.67	185,689	6.2788%	174,798		(10,891)
	Total General	213,821,771	9,159,142	204,662,628		16,649,678		15,260,059		(1,389,619)
Distribution - Minnesota Only (Vintage Group Treatment)										
368	Line Transformers	344,415,338	17,359,001.07	327,056,337	(1)	1.97	6,429,273	2.9415%	9,620,434	3,191,161
368	Line Capacitors	18,049,028	19,014.82	18,030,013	(1)	3.15	568,468	3.9611%	714,180	145,712
370	Meters - Old	14,879,820	13,198,845.64	1,680,974	(1)	4.15	-	0.0000%	-	-
370	Meters	91,277,436	-	91,277,436	(1)	5.82	5,312,347	5.8583%	5,347,336	34,989
	Total Distribution	468,621,622	30,576,862	438,044,761			12,310,089		15,681,950	3,371,862
	Total Electric Utility	720,444,785	62,519,838	657,924,947			32,003,278		33,831,985	1,828,707

(1) Rates from Minnesota settlement agreement E002/GR-10-971  
 All other rates from Docket E,G-002/D-07-1528

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**  
Comparison of Present and Proposed Accruals  
Vintage Group  
**Gas Utility**

FERC Account	Account Description	Plant Balance 01/01/2012	Fully Accrued	Adjusted Plant Balance 01/01/2012	Present		Proposed		Proposed Less Present Accrual
					Annual Rate	Annual Accrual	Annual Rate	Annual Accrual	
Intangible									
303	Intangible Computer Software - 5 Year	4,994,873	1,332,573	3,662,300	20.00	732,459.97	19.3921%	710,197	(22,263)
	Total Intangible	4,994,873	1,332,573	3,662,300		732,460		710,197	(22,263)
General									
391	Office Furniture & Equipment	877,862	-	877,862	5.56	48,809.15	4.8541%	42,613	(6,197)
391	Network Equipment	37,566	-	37,566	25.00	9,391.46	24.0357%	9,029	(362)
392	Transportation Equipment - Automobiles	83,716	-	83,716	18.00	15,068.84	7.2550%	6,074	(8,995)
392	Transportation Equipment - Light Trucks	3,556,524	-	3,556,524	9.00	320,087.20	8.0152%	285,062	(35,026)
392	Transportation Equipment - Trailers	661,434	-	661,434	9.00	59,529.10	6.4175%	42,448	(17,082)
392	Transportation Equipment - Heavy Trucks	4,827,305	-	4,827,305	7.92	382,322.58	6.8828%	332,255	(50,067)
393	Stores Equipment	10,091	-	10,091	5.00	504.55	4.9879%	503	(1)
394	Tools, Shop & Garage Equipment	4,305,799	-	4,305,799	6.67	287,196.81	5.9582%	256,547	(30,650)
396	Laboratory Equipment	1,132,309	585,015	547,294	9.00	49,256.50	7.9837%	43,695	(5,562)
397	Communication Equipment	12,618,831	25,116	12,593,714	11.11	1,399,161.67	10.4643%	1,317,844	(81,318)
397	Communication Equipment - AES	5,634,650	-	5,634,650	6.67	375,831.12	6.4902%	365,698	(10,133)
397	Communication Equipment - EMS	4,166,157	-	4,166,157	6.67	277,882.69	6.2924%	262,151	(15,732)
398	Miscellaneous Equipment	89,194	20,200	68,994	6.67	4,601.92	5.6171%	3,875	(726)
	Total General	38,001,439	630,331	37,371,108		3,229,644		2,967,793	(261,851)
Distribution - Minnesota Only (Vintage Group Treatment)									
381	Meters	95,037,208	4,768,701	90,268,507	5.75	5,190,439	4.5972%	4,149,793	(1,040,646)
381	Meters - Telemetry	36,778	36,778	-	12.50	-	0.0000%	-	-
383	House Regulators	10,168,928	6,733,377	3,435,550	5.50	188,955	1.5342%	52,709	(136,247)
	Total Distribution	105,242,913	11,538,856	93,704,058		5,379,394		4,202,502	(1,176,893)
	Total Gas Utility	148,239,225	13,501,759	134,737,466		9,341,498		7,880,491	(1,461,007)

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Present and Proposed Accruals

Vintage Group

**Common Utility**

FERC Account	Account Description	Plant Balance 01/01/2012	Fully Accrued	Adjusted Plant Balance 01/01/2012	Present		Proposed		Proposed Less Present Accrual
					Annual Rate	Annual Accrual	Annual Rate	Annual Accrual	
Intangible									
303	Intangible Computer Software - 3 Year	11,905,829	11,905,829	-	33.33	-	33.33333%	-	-
303	Intangible Computer Software - 5 Year	135,278,764	71,891,882	63,386,881	20.00	12,677,376	20.7477%	13,151,290	473,914
303	Intangible Computer Software - 7 Year	70,726,449	62,397,495	8,328,954	14.29	1,190,207	14.2900%	1,190,207	-
303	Intangible Computer Software - 10 Year	20,801,640	20,517,427	284,213	10.00	28,421	10.9943%	31,247	2,826
	<b>Total Intangible</b>	<b>238,712,681</b>	<b>166,712,634</b>	<b>72,000,048</b>		<b>13,896,005</b>		<b>14,372,744</b>	<b>476,739</b>
General									
391	Office Furniture & Equipment	31,508,621	8,111,042	23,397,579	5.56	1,300,905	5.3182%	1,244,325	(56,581)
391	Network Equipment	45,809,354	18,520,537	27,288,817	25.00	6,822,204	25.9653%	7,085,625	263,421
392	Transportation Equipment - Automobiles	319,097	-	319,097	18.00	57,437	10.2419%	32,682	(24,756)
392	Transportation Equipment - Light Trucks	4,350,598	-	4,350,598	9.00	391,554	8.7898%	382,408	(9,146)
392	Transportation Equipment - Trailers	1,125,686	-	1,125,686	9.00	101,312	6.8215%	76,789	(24,523)
392	Transportation Equipment - Heavy Trucks	4,425,984	-	4,425,984	7.92	350,538	7.3872%	326,956	(23,582)
393	Stores Equipment	73,660	64,524	9,136	5.00	457	5.0273%	459	2
394	Tools, Shop & Garage Equipment	2,419,867	245,990	2,173,877	6.67	144,998	6.8383%	148,655	3,658
395	Laboratory Equipment	36,686	-	36,686	10.00	3,669	11.6061%	4,258	589
396	Power Operated Equipment	711,999	4,968	707,031	9.00	63,633	8.5497%	60,449	(3,184)
397	Communication Equipment	1,499,822	132,262	1,367,560	11.11	151,936	11.9005%	162,746	10,810
397	Communication Equipment - Two Way	3,926,377	188,021	3,738,356	11.11	415,331	12.0571%	450,739	35,408
398	Miscellaneous Equipment	917,274	105,595	811,679	6.67	54,139	7.2002%	58,442	4,303
	<b>Total General</b>	<b>97,125,024</b>	<b>27,372,939</b>	<b>69,752,085</b>		<b>9,858,113</b>		<b>10,034,533</b>	<b>176,420</b>
	<b>Total Common Utility</b>	<b>335,837,705</b>	<b>194,085,573</b>	<b>141,752,133</b>		<b>23,754,118</b>		<b>24,407,277</b>	<b>653,160</b>
	<b>Total Vintage All Utilities</b>	<b>1,204,521,716</b>	<b>270,107,171</b>	<b>934,414,545</b>		<b>65,098,893</b>		<b>66,119,753</b>	<b>1,020,860</b>
	<b>Total ASL and Vintage All Utilities</b>	<b>6,342,729,356</b>	<b>270,107,171</b>	<b>6,072,622,185</b>		<b>185,527,668</b>		<b>184,026,855</b>	<b>(1,500,813)</b>
	<b>Total Electric Utility</b>	<b>5,016,044,160</b>	<b>62,519,838</b>	<b>4,953,524,321</b>		<b>128,640,690</b>		<b>130,263,830</b>	<b>1,623,140</b>
	<b>Total Gas Utility</b>	<b>873,936,158</b>	<b>13,501,759</b>	<b>860,434,398</b>		<b>30,440,749</b>		<b>26,650,194</b>	<b>(3,790,556)</b>
	<b>Total Common Utility</b>	<b>452,749,038</b>	<b>194,085,573</b>	<b>258,663,465</b>		<b>26,446,229</b>		<b>27,112,831</b>	<b>666,603</b>
	<b>Total ASL and Vintage All Utilities</b>	<b>6,342,729,356</b>	<b>270,107,171</b>	<b>6,072,622,185</b>		<b>185,527,668</b>		<b>184,026,855</b>	<b>(1,500,813)</b>



**APPENDIX C**  
**Depreciation Parameter Comparison**

## Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Present and Proposed Depreciation Rates

Average Service Life

**Electric Utility**

FERC Account	Account Description	Present			Proposed			Difference	
		Average Life	Curve	Net Salvage	Average Life	Curve	Net Salvage	Life	Net Salvage
Transmission									
	352 Structures & Improvements	45	S1	0	68	R5	0	23	0
	353 Station Equipment	38	SC	0	56	R2	-10	18	-10
	354 Towers & Fixtures	50	R4	-25	70	R4	-35	20	-10
	355 Poles & Fixtures	45	R1.5	-10	62	R2	-35	17	-25
	356 Overhead Conductor & Devices	42	L1	-30	63	R1	-30	21	0
	357 Underground Conduit	55	L1.5	0	73	R4	0	18	0
	358 Underground Conductor & Devices	40	L1	0	55	R2	0	15	0
Distribution									
	361 Structures & Improvements	45	R1	-30	60	R3	-30	15	0
	362 Station Equipment	38	R1	-10	55	R1.5	-20	17	-10
	364 Poles, Towers & Fixtures	40	R1.5	-90	44	R1	-100	4	-10
	365 Overhead Conductor & Devices	35	R1	-30	39	L0	-20	4	10
	366 Underground Conduit	50	R3	0	52	R3	-10	2	-10
	367 Underground Conductor & Devices	35	R2	20	45	R2.5	0	10	-20
	369 Services - Overhead	40	R2.5	-35	40	R1.5	-70	0	-35
	369 Services - Underground	40	R2.5	-35	41	R4	-5	1	30
	373 Street Lighting & Signal Systems	25	L5	-20	29	L0	-35	4	-15
General									
	390 Structures & Improvements	45	R1	0	57	R1.5	-20	12	-20

## Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Present and Proposed Depreciation Rates

Average Service Life

**Gas Utility**

FERC Account	Account Description	Present			Proposed			Difference	
		Average Life	Curve	Net Salvage	Average Life	Curve	Net Salvage	Life	Net Salvage
Transmission									
366	Structures & Improvements	41	R5	0	52	R3	-5	11	-5
367	Mains	45	R1.5	-30	75	R2.5	-15	30	15
369	Measure & Regulating Station Equipment	31	S0.5	-25	33	R1.5	-30	2	-5
Distribution									
375	Structures & Improvements	41	R5	0	41	R5	0	0	0
376	Mains - Metallic	45	R1.5	-30	51	R1.5	-20	6	10
376	Mains - Plastic	45	R3	-15	45	R2.5	-15	0	0
378	Measure & Regulating Station Equipment - General	31	S0.5	-25	38	R0.5	-25	7	0
379	Measure & Regulating Station Equipment - City Gate	31	S0.5	-25	38	R0.5	-2	7	23
380	Services - Metallic	40	S3	-30	40	S3	-40	0	-10
380	Services - Plastic	40	R3	-30	39	R2.5	-30	-1	0
General									
390	Structures & Improvements	45	R1	0	55	R1.5	-20	10	-20

### Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Present and Proposed Depreciation Rates

Average Service Life

**Common Utility**

FERC Account	Account Description	Present			Proposed			Difference	
		Average Life	Curve	Net Salvage	Average Life	Curve	Net Salvage	Life	Net Salvage
	390 Structures & Improvements	45	R1	0	55	R1.5	-20	10	-20
	390 Structures & Improvements - Leased	9.5	-	0	10	SQ	0	0.5	0

## Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Present and Proposed Depreciation Rates

Vintage Group

**Electric Utility**

FERC Account	Account Description	Present			Proposed			Difference	
		Average Life	Curve	Net Salvage	Average Life	Curve	Net Salvage	Life	Net Salvage
Intangible									
303	Intangible Computer Software - 5 Year	5	(1)	0	5	(1)	0	0	0
General									
391	Office Furniture & Equipment	18	(1)	0	20	(1)	0	2	0
391	Network Equipment	4	(1)	0	4	(1)	0	0	0
392	Transportation Equipment - Automobiles	5	(1)	10	10	(1)	0	5	-10
392	Transportation Equipment - Light Trucks	10	(1)	10	12	(1)	0	2	-10
392	Transportation Equipment - Trailers	10	(1)	10	15	(1)	0	5	-10
392	Transportation Equipment - Heavy Trucks	12	(1)	5	14	(1)	0	2	-5
393	Stores Equipment	20	(1)	0	20	(1)	0	0	0
394	Tools, Shop & Garage Equipment	15	(1)	0	15	(1)	0	0	0
395	Laboratory Equipment	10	(1)	0	10	(1)	0	0	0
396	Power Operated Equipment	10	(1)	10	12	(1)	0	2	-10
397	Communication Equipment	9	(1)	0	9	(1)	0	0	0
397	Communication Equipment - Two Way	9	(1)	0	9	(1)	0	0	0
397	Communication Equipment - AES	15	(1)	0	15	(1)	0	0	0
397	Communication Equipment - EMS	15	(1)	0	15	(1)	0	0	0
398	Miscellaneous Equipment	15	(1)	0	15	(1)	0	0	0
Distribution (Vintage Group Treatment)									
368	Line Transformers	32	(1)	10	32	(1)	-5	0	-15
368	Line Capacitors	25	(1)	0	25	(1)	-10	0	-10
370	Meters - Old	20	(1)	0	20	(1)	0	0	0
370	Meters	15	(1)	0	15	(1)	0	0	0

(1) No curve is used for amortized accounts.

## Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Present and Proposed Depreciation Rates

Vintage Group

**Gas Utility**

FERC Account	Account Description	Present			Proposed			Difference	
		Average Life	Curve	Net Salvage	Average Life	Curve	Net Salvage	Life	Net Salvage
Intangible									
303	Intangible Computer Software - 5 Year	5	(1)	0	5	(1)	0	0	0
General									
391	Office Furniture & Equipment	18	(1)	0	20	(1)	0	2	0
391	Network Equipment	4	(1)	0	4	(1)	0	0	0
392	Transportation Equipment - Automobiles	5	(1)	10	10	(1)	0	5	-10
392	Transportation Equipment - Light Trucks	10	(1)	10	12	(1)	0	2	-10
392	Transportation Equipment - Trailers	10	(1)	10	15	(1)	0	5	-10
392	Transportation Equipment - Heavy Trucks	12	(1)	5	14	(1)	0	2	-5
393	Stores Equipment	20	(1)	0	20	(1)	0	0	0
394	Tools, Shop & Garage Equipment	15	(1)	0	15	(1)	0	0	0
395	Laboratory Equipment	10	(1)	0	10	(1)	0	0	0
396	Power Operated Equipment	10	(1)	10	12	(1)	0	2	-10
397	Communication Equipment	9	(1)	0	9	(1)	0	0	0
397	Communication Equipment - AES	15	(1)	0	15	(1)	0	0	0
397	Communication Equipment - EMS	15	(1)	0	15	(1)	0	0	0
398	Miscellaneous Equipment	15	(1)	0	15	(1)	0	0	0
Distribution (Vintage Group Treatment)									
381	Meters	20	-15	-15	20	-3	-3	0	12
381	Meters - Telemetry	8	0	0	8	0	0	0	0
383	House Regulators	20	-10	-10	20	0	0	0	10

(1) No curve is used for amortized accounts.

## Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Present and Proposed Depreciation Rates

Vintage Group

**Common Utility**

	Present			Proposed			Difference	
	Average		Net	Average		Net	Net	
	Life	Curve	Salvage	Life	Curve	Salvage	Life	Salvage
303 Intangible Computer Software - 3 Year	3	(1)	0	3	(1)	0	0	0
303 Intangible Computer Software - 5 Year	5	(1)	0	5	(1)	0	0	0
303 Intangible Computer Software - 7 Year	7	(1)	0	7	(1)	0	0	0
303 Intangible Computer Software - 10 Year	10	(1)	0	10	(1)	0	0	0
<b>General</b>								
391 Office Furniture & Equipment	18	(1)	0	20	(1)	0	2	0
391 Network Equipment	4	(1)	0	4	(1)	0	0	0
392 Transportation Equipment - Automobiles	5	(1)	10	10	(1)	0	5	-10
392 Transportation Equipment - Light Trucks	10	(1)	10	12	(1)	0	2	-10
392 Transportation Equipment - Trailers	10	(1)	10	15	(1)	0	5	-10
392 Transportation Equipment - Heavy Trucks	12	(1)	5	14	(1)	0	2	-5
393 Stores Equipment	20	(1)	0	20	(1)	0	0	0
394 Tools, Shop & Garage Equipment	15	(1)	0	15	(1)	0	0	0
395 Laboratory Equipment	10	(1)	0	10	(1)	0	0	0
396 Power Operated Equipment	10	(1)	10	12	(1)	0	2	-10
397 Communication Equipment	9	(1)	0	9	(1)	0	0	0
397 Communication Equipment - Two Way	9	(1)	0	9	(1)	0	0	0
398 Miscellaneous Equipment	15	(1)	0	15	(1)	0	0	0

(1) No curve is used for amortized accounts.

**APPENDIX D**  
**Comparison of Book and Theoretical Depreciation Reserve**



## Northern States Power Company - Minnesota: Transmission, Distribution & General Study

**Xcel Energy**

Comparison of Actual and Theoretical Reserve

**Electric Utility**

FERC Account	Account Description	Plant Balance 01/01/2012	Recoverable Cost	Theoretical Reserve	Actual Reserve	Difference
Transmission						
	352 Structure & Improvements	46,878,153	46,878,153	10,569,494	15,348,271	4,778,777
	353 Station Equipment	856,268,539	856,268,539	189,587,203	277,554,258	87,967,055
	354 Towers & Fixtures	113,933,667	113,933,667	63,064,084	91,740,102	28,676,018
	355 Poles & Fixtures	557,866,574	557,866,574	95,699,052	140,344,077	44,645,025
	356 Overhead Conductor & Devices	303,746,575	303,746,575	67,484,864	99,071,932	31,587,068
	357 Underground Conduit	12,146,888	12,146,888	2,566,531	3,742,982	1,176,452
	358 Underground Conductor & Devices	20,992,067	20,992,067	3,496,274	5,132,759	1,636,485
	Total Transmission	<u>1,911,832,463</u>	<u>1,911,832,463</u>	<u>432,467,501</u>	<u>632,934,381</u>	<u>200,466,880</u>
Distribution - Minnesota Only						
	361 Structure & Improvements	33,530,827	33,530,827	13,866,716	15,353,500	1,486,783
	362 Station Equipment	432,935,359	432,935,359	123,318,699	136,541,124	13,222,426
	364 Poles, Towers & Fixtures	276,983,831	276,983,831	149,332,277	165,343,920	16,011,643
	365 Overhead Conductor & Devices	305,257,633	305,257,633	78,633,644	87,064,868	8,431,224
	366 Underground Conduit	195,485,167	195,485,167	55,603,411	61,565,297	5,961,886
	367 Underground Conductor & Devices	796,388,991	796,388,991	228,542,255	253,046,916	24,504,662
	369 Services - Overhead	67,976,679	67,976,679	44,094,549	48,822,436	4,727,887
	369 Services - Underground	166,419,623	166,419,623	69,538,868	76,994,920	7,456,052
	373 Street Lighting & Signal Systems	49,608,946	49,608,946	15,816,691	17,512,581	1,695,891
	Total Distribution	<u>2,324,587,055</u>	<u>2,324,587,055</u>	<u>778,747,109</u>	<u>862,245,561</u>	<u>83,498,453</u>
General						
	390 Structure & Improvements	59,179,857	59,179,857	23,865,074	26,921,569	3,056,495
	Total Electric Utility	<u>4,295,599,375</u>	<u>4,295,599,375</u>	<u>1,235,079,684</u>	<u>1,522,101,512</u>	<u>287,021,828</u>

Appendix D: Theoretical Reserve Comparison  
 2 of 6

**Xcel Energy**  
 Comparison of Actual and Theoretical Reserve  
**Gas Utility**

<b>FERC Account</b>	<b>Account Description</b>	<b>Plant Balance 01/01/2012</b>	<b>Recoverable Cost</b>	<b>Theoretical Reserve</b>	<b>Actual Reserve</b>	<b>Difference</b>
Transmission						
366	Structure & Improvements	1,017,205	1,017,205	373,255	639,031	265,777
367	Mains	53,675,877	53,675,877	11,098,447	20,682,288	9,583,841
369	Measure & Regulating Station Equipment	10,986,598	10,986,598	3,451,593	6,333,058	2,881,465
	Total Transmission	65,679,680	65,679,680	14,923,295	27,654,377	12,731,083
Distribution - Minnesota Only						
375	Structure & Improvements	55,163	55,163	30,688	33,294	2,605
376	Mains - Metallic	80,789,038	80,789,038	35,090,207	39,025,533	3,935,326
376	Mains - Plastic	307,169,652	307,169,652	93,944,030	104,479,744	10,535,714
378	Measure & Regulating Station Equipment - General	6,005,195	6,005,195	2,389,337	2,657,298	267,961
379	Measure & Regulating Station Equipment - City Gate	1,773,490	1,773,490	203,359	226,166	22,806
380	Services - Metallic	11,675,526	11,675,526	11,443,780	12,725,546	1,281,766
380	Services - Plastic	250,603,763	250,603,763	108,998,849	121,222,944	12,224,095
	Total Distribution	658,071,827	658,071,827	252,100,249	280,370,523	28,270,274
General						
390	Structure & Improvements	1,945,425	1,945,425	295,667	333,436	37,770
	Total Gas Utility	725,696,932	725,696,932	267,319,211	308,358,336	41,039,127

Appendix D: Theoretical Reserve Comparison  
 3 of 6

**Xcel Energy**

Comparison of Actual and Theoretical Reserve

**Common Utility**

<b>FERC Account</b>	<b>Account Description</b>	<b>Plant Balance 01/01/2012</b>	<b>Recoverable Cost</b>	<b>Theoretical Reserve</b>	<b>Actual Reserve</b>	<b>Difference</b>
General						
390	Structures & Improvements	115,747,921	115,747,921	27,294,114	24,851,017	(2,443,097)
390	Structures & Improvements - Leased	1,163,412	1,163,412	523,535	476,674	(46,862)
	Total Common Utility	116,911,333	116,911,333	27,817,649	25,327,691	(2,489,959)
	Total All Utilities	5,138,207,640	5,138,207,640	1,530,216,544	1,855,787,539	325,570,996

Appendix D: Theoretical Reserve Comparison  
 4 of 6

**Xcel Energy**

Comparison of Actual and Theoretical Reserve

**Electric Utility**

Amortized Acct

<b>FERC Account</b>	<b>Account Description</b>	<b>Plant Balance 01/01/2012</b>	<b>Fully Accrued</b>	<b>Recoverable Cost</b>	<b>Theoretical Reserve</b>	<b>Actual Reserve</b>	<b>Difference</b>
Intangible							
303	Intangible Computer Software - 5 Year	38,001,392	22,783,834	15,217,558	6,950,553	7,367,597	417,044
	Total Intangible	38,001,392	22,783,834	15,217,558	6,950,553	7,367,597	417,044
General							
391	Office Furniture & Equipment	22,857,009		22,857,009	8,281,594	8,778,503	496,909
391	Network Equipment	12,149,587	7,265,505	4,884,082	2,607,830	2,764,304	156,474
392	Transportation Equipment - Automobiles	390,265		390,265	89,105	94,451	5,346
392	Transportation Equipment - Light Trucks	21,124,664	98,985	21,025,679	6,207,276	6,579,723	372,447
392	Transportation Equipment - Trailers	7,211,534		7,211,534	1,097,725	1,163,591	65,865
392	Transportation Equipment - Heavy Trucks	41,791,424	133,516	41,657,907	9,434,228	10,000,297	566,069
393	Stores Equipment	1,586,203	355,520	1,230,683	429,411	455,176	25,765
394	Tools, Shop & Garage Equipment	51,659,027	513,185	51,145,841	17,331,479	18,371,395	1,039,917
395	Laboratory Equipment	3,805,496	183,311	3,622,186	1,863,022	1,974,806	111,784
396	Power Operated Equipment	20,725,068		20,725,068	3,743,411	3,968,021	224,611
397	Communication Equipment	12,763,770	579,380	12,184,390	4,225,592	4,479,135	253,542
397	Communication Equipment - Two Way	252,239	19,682	232,557	88,062	93,346	5,284
397	Communication Equipment - AES	4,962,953		4,962,953	1,366,557	1,448,553	81,996
397	Communication Equipment - EMS	9,748,526		9,748,526	3,043,893	3,226,532	182,639
398	Miscellaneous Equipment	2,794,004	10,058	2,783,945	1,370,551	1,452,786	82,235
	Total General	213,821,769	9,159,142	204,662,625	61,179,736	64,850,619	3,670,883
Distribution - Minnesota Only (Vintage Group Treatment)							
368	Line Transformers	344,415,338	17,359,001	327,056,337	142,112,762	162,954,214	20,841,453
368	Line Capacitors	18,049,028	19,015	18,030,013	11,300,240	12,151,454	851,214
370	Meters - Old	14,879,820	13,198,846	1,680,974	1,680,974	1,680,974	-
370	Meters	91,277,436		91,277,436	56,875,549	61,046,782	4,171,233
	Total Distribution	468,621,622	30,576,862	438,044,761	211,969,525	237,833,425	25,863,900
	Total Electric Utility	720,444,783	62,519,838	657,924,943	280,099,814	310,051,642	29,951,828

**Xcel Energy**  
 Comparison of Actual and Theoretical Reserve  
**Gas Utility**

Amortized Acct

<b>FERC Account</b>	<b>Account Description</b>	<b>Plant Balance 01/01/2012</b>	<b>Fully Accrued</b>	<b>Recoverable Cost</b>	<b>Theoretical Reserve</b>	<b>Actual Reserve</b>	<b>Difference</b>
Intangible							
303	Intangible Computer Software - 5 Year	4,994,873	1,332,573	3,662,300	892,870	977,047	84,178
Total Intangible		4,994,873	1,332,573	3,662,300	892,870	977,047	84,178
General							
391	Office Furniture & Equipment	877,862		877,862	209,498	228,998	19,500
391	Network Equipment	37,566		37,566	10,907	11,935	1,028
392	Transportation Equipment - Automobiles	83,716		83,716	62,314	68,189	5,875
392	Transportation Equipment - Light Trucks	3,556,524		3,556,524	1,025,131	1,121,778	96,647
392	Transportation Equipment - Trailers	661,434		661,434	187,779	205,482	17,703
392	Transportation Equipment - Heavy Trucks	4,827,305		4,827,305	1,344,738	1,471,517	126,779
393	Stores Equipment	10,091		10,091	252	276	24
394	Tools, Shop & Garage Equipment	4,305,799		4,305,799	2,281,689	2,496,800	215,112
396	Power Operated Equipment	1,132,309	585,015	547,294	168,542	184,431	15,890
397	Communication Equipment	12,618,831	25,116	12,593,714	4,807,641	5,260,893	453,252
397	Communication Equipment - AES	5,634,650		5,634,650	1,235,372	1,351,840	116,468
397	Communication Equipment - EMS	4,166,157		4,166,157	1,554,946	1,701,543	146,596
398	Miscellaneous Equipment	89,194	20,200	68,994	43,152	47,221	4,068
Total General		38,001,438	630,331	37,371,106	12,931,961	14,150,903	1,218,942
Distribution - Minnesota Only (Vintage Group Treatment)							
381	Meters	95,037,208	4,768,701	90,268,507	52,223,970	56,598,615	4,374,645
381	Meters - Telemetry	36,778	36,778	-	-	-	-
383	House Regulators	10,168,928	6,733,377	3,435,550	3,140,237	3,344,936	204,699
Total Distribution		105,242,913	11,538,856	93,742,161	55,364,207	59,943,551	4,579,344
Total Gas Utility		148,239,224	13,501,760	134,775,567	69,189,038	75,071,501	5,882,464

**Xcel Energy**

Comparison of Present and Proposed Accruals  
**Common Utility**

Vintage Group

<b>FERC Account</b>	<b>Account Description</b>	<b>Plant Balance 01/01/2012</b>	<b>Fully Accrued</b>	<b>Recoverable Cost</b>	<b>Theoretical Reserve</b>	<b>Actual Reserve</b>	<b>Difference</b>
<b>Intangible</b>							
303	Intangible Computer Software - 3 Year	11,905,829	11,905,829		-	-	-
303	Intangible Computer Software - 5 Year	135,278,764	71,891,882	63,386,881	26,062,241	24,666,948	(1,395,293)
303	Intangible Computer Software - 7 Year	70,726,449	62,397,495	8,328,954	7,734,029	7,734,029	-
303	Intangible Computer Software - 10 Year	20,801,640	20,517,427	284,213	184,738	174,848	(9,890)
	<b>Total Intangible</b>	<b>238,712,682</b>	<b>166,712,633</b>	<b>72,000,048</b>	<b>33,981,008</b>	<b>32,575,825</b>	<b>(1,405,183)</b>
<b>General Plant</b>							
391	Office Furniture & Equipment	31,508,621	8,111,042	23,397,579	12,707,053	12,026,756	(680,297)
391	Network Equipment	45,809,354	18,520,537	27,288,817	11,434,532	10,822,362	(612,170)
392	Transportation Equipment - Automobiles	319,097		319,097	99,307	93,990	(5,317)
392	Transportation Equipment - Light Trucks	4,350,598		4,350,598	2,200,111	2,082,324	(117,787)
392	Transportation Equipment - Trailers	1,125,686		1,125,686	340,621	322,385	(18,236)
392	Transportation Equipment - Heavy Trucks	4,425,984		4,425,984	1,725,513	1,633,134	(92,379)
393	Stores Equipment	73,660	64,524	9,136	847	801	(46)
394	Tools, Shop & Garage Equipment	2,419,867	245,990	2,173,877	705,793	668,007	(37,786)
395	Laboratory Equipment	36,686		36,686	27,515	26,042	(1,473)
396	Power Operated Equipment	711,999	4,968	707,031	230,906	218,544	(12,362)
397	Communication Equipment	1,499,822	132,262	1,367,560	779,859	738,108	(41,751)
397	Communication Equipment - Two Way	3,926,377	188,021	3,738,356	2,295,179	2,172,302	(122,877)
398	Miscellaneous Equipment	917,274	105,595	811,679	486,322	460,285	(26,037)
	<b>Total General</b>	<b>97,125,025</b>	<b>27,372,939</b>	<b>69,752,086</b>	<b>33,033,558</b>	<b>31,265,040</b>	<b>(1,768,518)</b>
	<b>Total Common Utility</b>	<b>335,837,707</b>	<b>194,085,572</b>	<b>141,752,134</b>	<b>67,014,566</b>	<b>63,840,865</b>	<b>(3,173,701)</b>
	<b>Total Vintage All Utilities</b>	<b>1,204,521,715</b>	<b>270,107,170</b>	<b>934,452,644</b>	<b>416,303,418</b>	<b>448,964,007</b>	<b>32,660,591</b>
	<b>Total ASL and Vintage All Utilities</b>	<b>6,342,729,355</b>	<b>270,107,170</b>	<b>6,072,660,284</b>	<b>1,946,519,962</b>	<b>2,304,751,546</b>	<b>358,231,587</b>

**APPENDIX E**  
**Net Salvage Analysis**

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant Transmission Structures & Improvements Account 352 1950-2011															
Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %	
1950	896	1,731	1,775	(44)	-4.91%										
1951	1,487	199	528	(329)	-22.13%	-15.65%									
1952	2,385	503	316	187	7.84%		-3.90%								
1953	538	38	246	(208)	-38.66%	-0.72%	-7.94%	-7.43%							
1954	11,453	1,211	514	697	6.09%	4.08%	4.70%		1.81%						
1955	3,562	69	424	(355)	-9.97%	2.28%	0.86%	1.79%	-0.04%	-0.26%					
1956	181	50	(8)	58	32.04%	-7.93%	2.63%	1.22%	2.09%	0.03%					
1957	3,790	4,473	371	4,102	108.23%	104.76%	50.51%	23.71%	21.99%	20.45%	17.75%	16.91%			
1958	698	-	387	(387)	-55.44%	80.81%	41.53%	20.91%	20.91%	18.11%	15.63%	14.89%			
1959	3,809	1,309	499	810	21.27%	9.39%	54.54%	54.06%	35.12%	20.96%	19.63%	18.56%	16.40%	15.73%	
1960	6,773	-	1,048	(1,048)	-15.47%	-2.25%	-5.54%	23.07%	23.18%	16.90%	12.81%	11.91%	11.62%	10.17%	
1961	-	-	4	(4)	NA	-15.53%	-2.29%	-5.58%	23.05%	23.15%	16.88%	12.80%	11.90%	11.61%	
1962	-	-	-	0	NA	NA	-15.53%	-2.29%	-5.58%	23.05%	23.15%	16.88%	12.80%	11.90%	
1963	7766	-	-	0	0.00%	0.00%	-0.05%	-7.24%	-1.32%	-3.30%	15.21%	15.34%	11.95%	10.18%	
1964	847	63	169	(106)	-12.51%	-1.23%	-1.23%	-1.23%	-7.53%	-1.81%	-3.69%	14.22%	14.35%	11.19%	
1965	-	-	-	0	NA	-12.51%	-1.23%	-1.23%	-1.23%	-7.53%	-1.81%	-3.69%	14.22%	14.35%	
1966	1820	-	899	(899)	-49.40%	-49.40%	-37.68%	-9.63%	-9.63%	-9.67%	-11.96%	-5.93%	-7.53%	9.68%	
1967	-	-	-	0	NA	-49.40%	-37.68%	-9.63%	-9.63%	-9.67%	-11.96%	-5.93%	-7.53%	9.68%	
1968	1262	157	116	41	3.25%	3.25%	-27.84%	-27.84%	-24.54%	-8.24%	-8.24%	-8.28%	-10.92%	-5.41%	
1969	1221	-	-	0	0.00%	1.65%	1.65%	-19.94%	-19.94%	-18.72%	-7.46%	-7.46%	-7.49%	-10.24%	
1970	67	-	272	(272)	-405.97%	-21.12%	-9.06%	-9.06%	-25.86%	-25.86%	-23.69%	-9.52%	-9.52%	-9.55%	
1971	7298	82	82	0	1.12%	-2.58%	-2.21%	-1.51%	-1.51%	-8.98%	-8.98%	-9.22%	-5.69%	-5.69%	
1972	1105	100	181	(81)	-7.33%	0.01%	-3.20%	-2.80%	-2.10%	-2.10%	-8.84%	-8.84%	-9.07%	-5.77%	
1973	-	150	304	(154)	NA	-21.27%	-1.82%	-5.02%	-4.39%	-3.51%	-3.51%	-10.04%	-10.04%	-10.20%	
1974	-	-	-	0	NA	NA	-21.27%	-1.82%	-5.02%	-4.39%	-3.51%	-3.51%	-10.04%	-10.04%	
1975	-	-	144	(144)	NA	NA	NA	-34.30%	-3.53%	-6.72%	-5.87%	-4.82%	-4.82%	-11.17%	
1976	906	30	20	10	1.10%	-14.79%	-14.79%	-31.79%	-18.35%	-3.08%	-5.96%	-5.28%	-4.37%	-4.37%	
1977	7646	30,541	1,288	29,253	382.59%	342.18%	340.49%	340.49%	338.69%	299.10%	170.84%	168.57%	157.29%	147.32%	
1978	862	-	29	(29)	-3.36%	343.49%	310.54%	309.01%	309.01%	307.37%	274.31%	162.41%	160.28%	150.04%	
1979	763	-	-	0	0.00%	315.22%	287.26%	287.26%	285.84%	284.33%	255.76%	155.74%	153.72%	153.72%	
1980	7535	527	465	62	0.82%	0.75%	0.36%	174.26%	165.40%	164.59%	164.59%	163.72%	153.67%	111.04%	
1981	1415	-	95	(95)	-6.71%	-0.37%	-0.34%	-0.59%	160.21%	152.67%	151.92%	151.92%	151.11%	142.46%	
1982	4801	-	50	(50)	-1.04%	-2.33%	-0.60%	-0.57%	-0.73%	126.58%	121.83%	121.23%	121.23%	120.58%	
1983	26150	1,249	3,697	(2,448)	-9.36%	-8.07%	-8.01%	-6.34%	-6.22%	54.28%	53.32%	53.04%	53.04%	53.04%	
1984	281115	-	-	0	0.00%	-0.80%	-0.80%	-0.83%	-0.79%	-0.79%	8.08%	8.06%	8.06%	8.02%	
1985	610	5,816	-	5,816	953.44%	1.09%	1.06%	1.06%	1.02%	1.02%	1.01%	1.01%	9.82%	9.80%	
1986	358	86,263	34	86,229	24086.31%	9508.78%	32.63%	29.07%	28.61%	28.45%	27.80%	27.74%	27.65%	35.84%	
1987	99	29,269	264	29,005	29297.98%	25215.32%	11344.89%	42.90%	38.47%	37.86%	37.66%	36.71%	36.60%	36.60%	
1988	-	-	-	0	NA	29297.98%	25215.32%	11344.89%	42.90%	38.47%	37.86%	37.66%	36.80%	36.71%	
1989	1577	-	-	0	0.00%	0.00%	1730.61%	5665.39%	4578.29%	42.66%	38.27%	37.67%	37.47%	36.62%	
1990	-	-	-	0	NA	0.00%	1730.61%	5665.39%	4578.29%	42.66%	38.27%	37.67%	37.47%	36.62%	
1991	399	-	540	(540)	-135.34%	-135.34%	-27.33%	-27.33%	1371.81%	4714.10%	3960.24%	42.41%	38.05%	37.45%	
1992	-	-	-	0	NA	-135.34%	-27.33%	-27.33%	1371.81%	4714.10%	3960.24%	42.41%	38.05%	37.45%	
1993	-	-	-	0	NA	NA	-135.34%	-27.33%	-27.33%	1371.81%	4714.10%	3960.24%	42.41%	38.05%	
1994	-	-	-	0	NA	NA	-135.34%	-27.33%	-27.33%	1371.81%	4714.10%	3960.24%	42.41%	38.05%	
1995	-	-	-	0	NA	NA	-135.34%	-27.33%	-27.33%	1371.81%	4714.10%	3960.24%	42.41%	38.05%	
1996	226	-	7,845	(7,845)	-3471.24%	-3471.24%	-3471.24%	-3471.24%	-3471.24%	-1341.60%	-1341.60%	-380.79%	-380.79%	896.13%	
1997	100	-	572	(572)	-572.00%	-2581.90%	-2581.90%	-2581.90%	-2581.90%	-1235.45%	-1235.45%	-283.08%	-283.08%	-236.42%	
1998	7266	-	13,664	(13,664)	-188.05%	-193.27%	-290.85%	-290.85%	-290.85%	-290.85%	-290.85%	-290.85%	-290.85%	-290.85%	
1999	1369	-	1,254	(1,254)	-91.60%	-172.76%	-177.33%	-260.41%	-260.41%	-260.41%	-260.41%	-260.41%	-260.41%	-255.07%	
2000	20274	2,888	195	2,693	13.28%	6.65%	-42.29%	-44.11%	-70.61%	-70.61%	-70.61%	-70.61%	-70.61%	-71.48%	
2001	-	-	-	0	NA	13.28%	6.65%	-42.29%	-44.11%	-70.61%	-70.61%	-70.61%	-70.61%	-70.61%	
2002	167	-	-	0	0.00%	0.00%	13.17%	6.60%	-42.04%	-43.86%	-70.21%	-70.21%	-70.21%	-70.21%	
2003	-	-	(293,236)	293,236	NA	175590.56%	175590.56%	1447.72%	1351.10%	966.47%	961.20%	927.13%	927.13%	927.13%	
2004	-	-	-	0	NA	175590.56%	175590.56%	1447.72%	1351.10%	966.47%	961.20%	927.13%	927.13%	927.13%	
2005	302.4	-	265,029	(265,029)	-87641.87%	-87641.87%	9327.79%	6009.21%	6009.21%	148.96%	134.07%	54.40%	52.28%	25.47%	
2006	29998.99	-	-	0	0.00%	-874.64%	-874.64%	93.09%	92.58%	60.90%	56.89%	26.92%	25.91%	25.91%	
2007	-	-	6,761	(6,761)	NA	-22.54%	-896.96%	-896.96%	70.78%	70.39%	70.39%	47.57%	43.92%	15.53%	
2008	18372.08	-	6,167	(6,167)	-33.57%	-70.37%	-26.73%	-571.06%	-571.06%	31.39%	31.28%	26.00%	23.72%	23.72%	
2009	27,066.74	0.00	-	0	0.00%	-13.57%	-28.45%	-17.14%	-366.99%	-366.99%	20.17%	20.13%	20.13%	18.69%	
2010	34,423.64	0	865	(865)	-2.51%	-1.41%	-8.81%	-17.27%	-12.55%	-253.10%	-253.10%	13.08%	13.06%	13.06%	
2011	10,040.30	0	-	0	0.00%	-1.95%	-1.21%	-7.82%	-15.34%	-11.50%	-231.96%	-231.96%	11.99%	11.97%	

NA - Not applicable





Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
Transmission Towers & Fixtures  
Account 354  
1950-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
1950	5,137	1,126	1,198	(72)	-1.40%									
1951	4,469	1,211	1,883	(672)	-15.04%									
1952	17,453	3,625	6,653	(3,028)	-17.35%									
1953	95,405	25	1,152	(1,127)	-1.18%									
1954	28,378	6,829	22,713	(15,884)	-55.97%									
1955	48,056	11,358	3,906	7,452	15.51%									
1956	75,376	20,286	10,283	10,003	13.27%									
1957	15,608	(4,253)	3,233	(7,486)	-47.96%									
1958	4,259	142	473	(331)	-7.77%									
1959	27,921	2,034	4,693	(2,659)	-9.52%									
1960	139,212	8,729	11,417	(2,688)	-1.93%									
1961	80	9,850	116	9,734	12167.50%									
1962	65,157	5,507	6,346	(839)	-1.23%									
1963	11,484	1,946	416	1,530	13.32%									
1964	42,181	12,565	4,938	7,627	18.08%									
1965	108,461	32,823	25,965	6,858	6.32%									
1966	66,602	11,585	23,391	(11,806)	-17.73%									
1967	24,852	3,837	2,376	1,461	5.88%									
1968	-	21,334	109	21,225	NA									
1969	126,023	5,071	4,382	689	0.55%									
1970	19,867	22,427	13,606	8,821	44.40%									
1971	252,127	35,726	22,723	13,003	5.16%									
1972	61,161	(2,185)	13,532	(15,717)	-25.70%									
1973	149,420	42,544	17,215	25,329	16.95%									
1974	49,170	4,985	13,189	7,627	26.82%									
1975	23,642	14,772	17,507	(2,735)	-11.57%									
1976	-	22,717	10,400	12,317	NA									
1977	169,482	70,815	29,259	41,556	24.52%									
1978	350,643	257,809	41,825	215,984	61.60%									
1979	18,201	9,958	12,121	(2,163)	-11.88%									
1980	100,524	18,387	14,219	4,168	4.15%									
1981	29,197	1,775	5,039	(3,264)	-11.18%									
1982	5,835	(33,129)	9,454	(42,583)	-729.79%									
1983	122,176	29,994	41,975	(11,981)	-9.81%									
1984	-	19,000	-	19,000	NA									
1985	1,470	72,266	635	71,631	4872.86%									
1986	771,164	304,620	126,208	178,412	23.14%									
1987	85,031	597,823	23,267	574,556	675.70%									
1988	6,013	(606,158)	2,157	(608,315)	-10116.66%									
1989	298,129	84,516	154,395	(69,879)	-23.44%									
1990	32,696	83,803	18,930	64,873	198.41%									
1991	9,185	4,127	3,153	974	10.60%									
1992	7,695	(71)	1,568	(1,639)	-21.30%									
1993	1,675	2,196	3,800	(1,604)	-95.76%									
1994	70,269	(2,585)	17,612	(20,197)	-28.74%									
1995	69,321	3,601	49,139	(45,538)	-65.69%									
1996	58,445	1,437	27,924	(26,487)	-45.32%									
1997	164,171	22,683	136,727	(114,044)	-69.47%									
1998	64,321	157,833	59,740	98,093	152.51%									
1999	79,359	80,232	130,791	(50,559)	-63.71%									
2000	60,059	214,554	(40,817)	255,371	425.20%									
2001	-	-	-	0	NA									
2002	-	-	-	0	NA									
2003	2105.8	-	8,428	(8,428)	-400.21%									
2004	-	-	-	0	NA									
2005	48,071	2,048	-	2,048	4.26%									
2006	33,506	-	2,918	(2,918)	-8.71%									
2007	703,227	15,884	324,292	(308,407)	-43.86%									
2008	234,988	34,836	101,780	(66,945)	-28.49%									
2009	105,709	1,658	150,046	(148,388)	-140.37%									
2010	173,217	9,004	455,095	(446,092)	-257.53%									
2011	237,279	69,915	149,116	(79,201)	-33.38%									

NA - Not applicable





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Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
1950	-	11	-	11	NA									
1951	-	-	-	0	NA									
1952	-	-	-	0	NA									
1953	-	302	51	251	NA									
1954	-	-	-	0	NA									
1955	-	-	-	0	NA									
1956	-	-	-	0	NA									
1957	-	-	-	0	NA									
1958	-	882	1,363	(481)	NA									
1959	-	-	-	0	NA									
1960	-	-	-	0	NA									
1961	-	-	-	0	NA									
1962	-	-	-	0	NA									
1963	-	-	-	0	NA									
1964	-	-	-	0	NA									
1965	-	-	-	0	NA									
1966	-	-	-	0	NA									
1967	-	-	-	0	NA									
1968	-	-	-	0	NA									
1969	-	-	-	0	NA									
1970	-	-	-	0	NA									
1971	-	-	-	0	NA									
1972	-	-	-	0	NA									
1973	-	-	-	0	NA									
1974	-	-	-	0	NA									
1975	-	-	-	0	NA									
1976	-	-	-	0	NA									
1977	236	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1978	-	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1979	-	78,366	-	78,366	NA									
1980	46,030	123,082	7,690	115,392	250.69%	420.94%	418.79%	418.79%	418.79%	418.79%	418.79%	418.79%	418.79%	418.79%
1981	-	494,201	-	494,201	NA	1324.34%	1494.59%	1494.59%	1486.96%	1486.96%	1486.96%	1486.96%	1486.96%	1486.96%
1982	-	(68)	-	(68)	NA	1324.19%	1494.44%	1494.44%	1486.82%	1486.82%	1486.82%	1486.82%	1486.82%	1486.82%
1983	117,534	118,874	3,186	115,688	98.43%	98.37%	518.85%	443.38%	491.29%	491.29%	490.59%	490.59%	490.59%	490.59%
1984	-	(7,504)	-	(7,504)	NA	92.04%	91.99%	512.46%	438.79%	486.71%	486.00%	486.00%	486.00%	486.00%
1985	9,155	(44,834)	3,000	(47,834)	-522.49%	-604.46%	47.64%	47.58%	437.67%	387.84%	433.21%	433.21%	432.62%	432.62%
1986	16,478	(80,601)	5,820	(86,421)	-524.46%	-523.76%	-553.03%	-18.21%	-18.26%	326.93%	308.38%	349.80%	349.80%	349.37%
1987	-	-	-	0	NA	-524.46%	-523.76%	-553.03%	-18.21%	-18.26%	326.93%	308.38%	349.80%	349.80%
1988	-	-	-	0	NA	-524.46%	-523.76%	-553.03%	-18.21%	-18.26%	326.93%	308.38%	349.80%	349.80%
1989	-	-	-	0	NA	NA	NA	-524.46%	-523.76%	-553.03%	-18.21%	-18.26%	326.93%	308.38%
1990	-	-	-	0	NA	NA	NA	NA	-523.76%	-553.03%	-18.21%	-18.26%	326.93%	308.38%
1991	-	-	-	0	NA	NA	NA	NA	-524.46%	-523.76%	-553.03%	-18.21%	-18.26%	326.93%
1992	-	-	-	0	NA	NA	NA	NA	NA	-524.46%	-523.76%	-553.03%	-18.21%	-18.26%
1993	-	-	-	0	NA	NA	NA	NA	NA	NA	-524.46%	-523.76%	-553.03%	-553.03%
1994	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	-524.46%	-523.76%	-553.03%
1995	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	-524.46%	-523.76%
1996	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998	105,702	1	4,183	(4,182)	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%
1999	-	-	-	0	NA	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%
2000	-	-	-	0	NA	NA	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%
2001	-	-	-	0	NA	NA	NA	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%
2002	-	-	-	0	NA	NA	NA	NA	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%
2003	-	-	-	0	NA	NA	NA	NA	NA	-3.96%	-3.96%	-3.96%	-3.96%	-3.96%
2004	-	-	-	0	NA	NA	NA	NA	NA	NA	-3.96%	-3.96%	-3.96%	-3.96%
2005	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	-3.96%	-3.96%	-3.96%
2006	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	-3.96%	-3.96%
2007	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	-3.96%
2008	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2009	14,529	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

NA - Not applicable

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1950	-	3	12	(9)	NA									
1951	-	-	-	0	NA									
1952	-	1,588	401	1,187	NA									
1953	-	-	(2)	2	NA									
1954	-	1	-	1	NA									
1955	-	-	-	0	NA									
1956	-	-	-	0	NA									
1957	-	528	155	373	NA									
1958	-	1,887	3,293	(1,406)	NA									
1959	-	-	-	0	NA									
1960	-	-	-	0	NA									
1961	-	-	-	0	NA									
1962	-	-	-	0	NA									
1963	-	-	-	0	NA									
1964	-	7	31	(24)	NA									
1965	-	-	-	0	NA									
1966	-	-	-	0	NA									
1967	-	-	-	0	NA									
1968	-	-	-	0	NA									
1969	-	-	-	0	NA									
1970	-	-	-	0	NA									
1971	-	-	-	0	NA									
1972	235	-	31	(31)	-13.19%	-13.19%	-13.19%	-13.19%	-13.19%	-13.19%	-13.19%	-13.19%	-13.19%	-23.40%
1973	-	-	-	0	NA									
1974	194	124	122	2	1.03%	1.03%	-6.76%	-6.76%	-6.76%	-6.76%	-6.76%	-6.76%	-6.76%	-6.76%
1975	-	-	-	0	NA									
1976	-	256	-	256	NA									
1977	9,333	64	254	(190)	-2.04%	0.71%	0.71%	0.71%	0.71%	0.38%	0.38%	0.38%	0.38%	0.38%
1978	-	-	-	0	NA									
1979	-	78,366	-	78,366	NA									
1980	29,359	129,405	4,905	124,500	424.06%	690.98%	523.82%	524.48%	840.37%	823.28%	803.14%	803.14%	803.14%	803.14%
1981	-	494,201	-	494,201	NA									
1982	-	(71)	-	(71)	NA									
1983	109,217	118,874	3,186	115,688	105.92%	105.86%	558.35%	529.90%	586.45%	586.45%	549.32%	549.49%	549.49%	548.77%
1984	-	670,436	-	670,436	NA									
1985	-	(54,902)	-	(54,902)	NA									
1986	22,182	896,968	19,888	877,080	3954.02%	3706.51%	6628.94%	1223.98%	1223.93%	1600.04%	1385.27%	1434.02%	1434.02%	1355.22%
1987	-	-	-	0	NA									
1988	-	-	-	0	NA									
1989	-	-	-	0	NA									
1990	-	-	-	0	NA									
1991	-	-	-	0	NA									
1992	-	-	-	0	NA									
1993	-	-	-	0	NA									
1994	-	-	-	0	NA									
1995	-	-	-	0	NA									
1996	-	-	-	0	NA									
1997	-	-	-	0	NA									
1998	640,008	72,657	99,359	(26,702)	-4.17%	-4.17%	-4.17%	-4.17%	-4.17%	-4.17%	-4.17%	-4.17%	-4.17%	-4.17%
1999	-	-	-	0	NA									
2000	-	-	-	0	NA									
2001	-	-	-	0	NA									
2002	-	-	-	0	NA									
2003	-	-	-	0	NA									
2004	-	-	-	0	NA									
2005	-	-	-	0	NA									
2006	-	-	521	(521)	NA									
2007	-	-	(10,495)	10,495	NA									
2008	-	-	-	0	NA									
2009	393,655	-	58,795	(58,795)	-14.94%	-14.94%	-12.27%	-12.40%	-12.40%	-12.40%	-12.40%	-12.40%	-12.40%	-12.40%
2010	-	-	-	0	NA									
2011	-	-	-	0	NA									

NA - Not applicable







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1950	362,810	138,721	157,389	(18,668)	-5.15%									
1951	390,340	167,709	171,357	(3,648)	-0.93%	-2.96%								
1952	469,069	193,928	203,469	(9,541)	-2.03%	-1.53%	-2.61%							
1953	471,325	201,761	211,768	(10,007)	-2.12%	-2.08%	-1.74%	-2.47%						
1954	546,267	194,142	227,302	(33,160)	-6.07%	-4.24%	-3.55%	-3.00%	-3.35%					
1955	453,354	166,190	207,220	(41,030)	-9.05%	-7.42%	-5.72%	-4.83%	-4.18%	-4.31%				
1956	560,734	211,800	270,036	(58,236)	-10.39%	-9.79%	-8.49%	-7.01%	-6.08%	-5.38%	-5.36%			
1957	665,054	225,191	321,788	(96,597)	-14.52%	-12.63%	-11.66%	-10.29%	-8.86%	-7.85%	-7.09%	-6.91%		
1958	585,324	184,524	316,709	(132,185)	-22.58%	-18.30%	-15.85%	-14.49%	-12.85%	-11.31%	-10.15%	-9.28%	-8.95%	
1959	599,575	205,710	308,655	(102,945)	-17.17%	-19.84%	-17.93%	-16.18%	-15.05%	-13.61%	-12.22%	-11.12%	-10.28%	-9.91%
1960	598,706	239,012	321,716	(82,704)	-13.81%	-15.49%	-17.82%	-16.92%	-15.71%	-14.83%	-13.64%	-12.43%	-11.44%	-10.68%
1961	567,584	143,220	315,362	(172,142)	-30.33%	-30.26%	-20.26%	-20.84%	-19.45%	-18.03%	-17.02%	-15.71%	-14.44%	-13.39%
1962	792,510	228,021	419,175	(191,154)	-24.12%	-26.71%	-22.77%	-21.46%	-21.67%	-20.42%	-19.13%	-18.18%	-16.95%	-15.75%
1963	690,456	189,208	371,385	(182,177)	-26.33%	-26.33%	-26.60%	-23.71%	-22.50%	-22.52%	-21.33%	-20.12%	-19.21%	-18.03%
1964	756,756	183,617	383,014	(199,387)	-26.35%	-26.37%	-25.57%	-26.53%	-24.30%	-23.23%	-23.15%	-22.06%	-20.93%	-20.07%
1965	804,409	169,470	424,453	(254,983)	-31.70%	-29.11%	-28.27%	-27.19%	-27.68%	-25.71%	-24.65%	-24.42%	-23.34%	-22.24%
1966	847,782	273,769	474,266	(200,497)	-23.65%	-27.57%	-27.19%	-27.01%	-26.42%	-26.92%	-25.37%	-24.50%	-24.32%	-23.37%
1967	805,477	233,692	536,116	(302,424)	-37.55%	-30.42%	-30.84%	-29.78%	-29.18%	-28.33%	-28.54%	-27.04%	-26.12%	-25.83%
1968	1,075,082	304,729	630,209	(325,480)	-30.27%	-33.99%	-30.36%	-30.67%	-29.41%	-29.42%	-28.69%	-28.84%	-27.54%	-26.72%
1969	1,031,876	327,687	692,795	(365,108)	-35.38%	-32.78%	-34.10%	-31.74%	-31.73%	-30.97%	-30.44%	-29.70%	-29.75%	-28.56%
1970	1,099,317	457,528	720,404	(262,876)	-23.91%	-29.47%	-29.74%	-31.31%	-30.22%	-29.76%	-29.93%	-28.90%	-28.99%	-28.56%
1971	789,082	316,327	579,299	(262,972)	-33.33%	-27.85%	-30.51%	-30.45%	-31.64%	-30.44%	-30.60%	-30.15%	-29.82%	-29.30%
1972	851,141	390,947	514,057	(123,110)	-14.46%	-23.54%	-23.69%	-26.89%	-27.64%	-29.05%	-28.35%	-28.72%	-28.49%	-28.33%
1973	786,997	357,350	442,644	(85,294)	-10.84%	-12.72%	-19.42%	-20.82%	-24.12%	-25.29%	-26.83%	-26.46%	-26.98%	-26.92%
1974	868,610	722,096	471,309	250,787	28.87%	10.00%	1.69%	-6.69%	-15.64%	-18.06%	-20.20%	-20.56%	-22.92%	-21.56%
1975	669,661	466,247	484,869	(18,622)	-2.78%	15.09%	6.32%	0.75%	-6.03%	-9.91%	-14.22%	-16.63%	-18.74%	-19.21%
1976	781,496	639,065	669,345	(30,280)	-3.87%	-3.37%	8.70%	3.75%	-0.16%	-3.68%	-9.11%	-13.05%	-15.38%	-17.42%
1977	855,685	608,648	808,910	(200,262)	-23.40%	-14.08%	-10.80%	0.05%	-2.11%	-4.30%	-8.38%	-10.93%	-14.19%	-16.16%
1978	806,509	598,244	957,979	(359,735)	-44.60%	-33.69%	-24.16%	-19.56%	-8.99%	-9.30%	-13.08%	-12.94%	-14.55%	-17.07%
1979	994,133	915,964	1,142,986	(227,022)	-22.84%	-32.59%	-29.63%	-23.77%	-20.35%	-11.76%	-11.63%	-12.00%	-14.27%	-15.52%
1980	997,429	1,077,699	1,134,786	(57,087)	-5.72%	-14.27%	-23.01%	-23.10%	-17.91%	-17.91%	-10.75%	-11.18%	-13.26%	-14.14%
1981	995,763	850,505	1,142,620	(292,115)	-29.34%	-17.52%	-19.29%	-24.67%	-24.44%	-21.48%	-19.43%	-13.41%	-13.15%	-13.28%
1982	859,241	750,335	904,844	(154,509)	-17.98%	-24.08%	-17.66%	-19.00%	-23.44%	-23.43%	-21.00%	-19.25%	-13.91%	-13.63%
1983	722,959	553,596	833,553	(279,957)	-38.72%	-27.46%	-28.18%	-21.92%	-22.12%	-25.49%	-25.20%	-22.83%	-21.08%	-16.01%
1984	811,245	634,607	990,768	(356,161)	-43.90%	-41.46%	-33.03%	-31.95%	-25.98%	-25.40%	-27.91%	-27.36%	-25.01%	-22.82%
1985	869,691	862,825	1,068,316	(205,491)	-23.63%	-33.41%	-35.01%	-30.53%	-30.25%	-25.59%	-25.16%	-27.38%	-26.95%	-24.87%
1986	761,199	721,560	1,019,111	(297,551)	-39.09%	-30.84%	-35.18%	-35.99%	-32.15%	-31.59%	-27.30%	-26.67%	-28.52%	-28.01%
1987	940,055	438,215	1,115,316	(677,101)	-72.03%	-57.29%	-45.90%	-45.42%	-44.24%	-39.70%	-37.97%	-33.34%	-32.03%	-33.19%
1988	782,576	593,197	928,440	(335,243)	-42.84%	-58.77%	-52.74%	-45.19%	-44.94%	-44.02%	-40.13%	-38.53%	-34.30%	-33.00%
1989	840,122	537,074	1,005,727	(468,653)	-55.78%	-49.54%	-57.79%	-53.51%	-47.31%	-46.76%	-45.74%	-42.12%	-40.44%	-38.41%
1990	954,826	382,133	1,115,170	(733,037)	-76.77%	-66.95%	-59.63%	-62.94%	-58.70%	-52.77%	-51.57%	-50.18%	-46.51%	-44.51%
1991	952,268	316,848	1,178,838	(861,990)	-90.52%	-83.64%	-75.12%	-67.96%	-68.82%	-64.49%	-58.67%	-56.93%	-55.21%	-51.44%
1992	920,840	273,420	1,548,982	(1,275,562)	-138.52%	-114.12%	-101.51%	-91.04%	-82.56%	-75.57%	-69.14%	-66.53%	-64.18%	-61.83%
1993	886,974	273,526	1,457,836	(1,184,310)	-133.52%	-136.07%	-120.35%	-109.15%	-99.31%	-91.03%	-88.18%	-82.87%	-76.36%	-73.34%
1994	735,765	273,404	1,202,388	(928,984)	-126.26%	-130.23%	-133.23%	-121.60%	-111.98%	-103.06%	-95.30%	-92.18%	-86.98%	-80.61%
1995	1,053,000	332,152	1,386,330	(1,054,178)	-100.11%	-110.87%	-118.38%	-123.54%	-116.62%	-109.71%	-102.57%	-96.01%	-93.21%	-89.55%
1996	1,330,016	450,572	1,468,879	(1,018,307)	-76.56%	-86.97%	-96.24%	-104.49%	-110.85%	-107.56%	-103.26%	-98.06%	-92.95%	-90.86%
1997	1,267,093	382,023	1,529,412	(1,147,389)	-90.55%	-83.39%	-88.21%	-94.60%	-101.14%	-106.70%	-104.54%	-101.27%	-97.00%	-92.64%
1998	1,659,671	538,137	1,847,881	(1,309,744)	-78.92%	-83.95%	-81.64%	-85.31%	-90.29%	-95.82%	-100.83%	-99.71%	-97.47%	-94.17%
1999	1,909,168	1,175,239	2,373,833	(1,198,594)	-62.78%	-70.28%	-75.60%	-75.80%	-79.35%	-83.69%	-88.69%	-93.39%	-91.79%	-89.39%
2000	1,918,722	545,808	2,086,404	(1,540,596)	-80.29%	-71.56%	-73.78%	-76.93%	-78.87%	-79.55%	-83.03%	-87.19%	-91.18%	-91.18%
2001	1,332,653	172,764	1,799,297	(1,626,533)	-122.05%	-97.41%	-84.60%	-83.22%	-84.36%	-83.26%	-84.96%	-87.67%	-91.03%	-94.39%
2002	739,364	55,756.79	795,800	(740,044)	-100.09%	-114.22%	-97.91%	-86.54%	-84.87%	-85.68%	-84.49%	-85.96%	-88.44%	-91.55%
2003	604,353	-	463,689	(463,689)	-72.41%	-87.24%	-104.35%	-94.38%	-85.16%	-83.89%	-84.78%	-83.77%	-85.22%	-87.62%
2004	923,703	-	282,566	(282,566)	-30.59%	-47.71%	-64.53%	-85.61%	-83.77%	-78.40%	-78.50%	-79.97%	-79.58%	-81.27%
2005	876,456	-	488,383	(488,383)	-55.72%	-42.83%	-50.59%	-62.10%	-79.80%	-76.02%	-76.50%	-78.08%	-77.92%	-81.27%
2006	1,328,528	5,788.00	647,767	(641,979)	-48.32%	-51.26%	-45.16%	-49.79%	-58.04%	-72.64%	-74.54%	-72.21%	-73.20%	-74.94%
2007	832,466	-	4,027,184.12	(4,027,184)	-483.77%	-216.07%	-169.80%	-137.34%	-123.30%	-124.40%	-123.93%	-114.18%	-104.84%	-101.30%
2008	984,341	-	1,819,603.36	(1,819,603)	-184.85%	-321.82%	-206.30%	-173.48%	-146.79%	-138.27%	-133.80%	-131.76%	-121.45%	-111.70%
2009	661,009	-	1,827,129.46	(1,827,129)	-276.42%	-221.64%	-309.70%	-218.47%	-181.01%	-162.08%	-152.89%	-147.30%	-143.25%	-131.45%
2010	912,450	-	1,538,628.63	(1,538,629)	-168.63%	-213.91%	-202.73%	-271.74%	-208.84%	-184.85%	-162.99%	-154.89%	-149.76%	-145.76%
2011	1,690,352	-	2,664,541.08	(2,664,541)	-157.63%	-161.49%	-184.76%	-184.78%	-233.77%	-195.33%	-178.54%	-161.89%	-155.42%	-151.15%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Transaction Year	Transactional History		Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
	Retirements	Salvage												
1950	311,231	188,324	74,502	113,822	36.57%									
1951	321,364	190,799	81,674	109,125	33.96%	35.24%								
1952	390,977	245,915	97,882	148,033	37.86%	36.10%	36.24%							
1953	376,791	295,560	105,941	189,619	50.32%	43.98%	41.02%	40.03%						
1954	396,215	338,733	110,064	228,669	57.71%	54.11%	48.65%	45.47%	43.93%					
1955	425,512	351,830	93,288	258,542	60.76%	59.29%	56.47%	51.89%	48.88%	47.15%				
1956	491,978	369,139	118,549	250,590	50.94%	55.49%	56.16%	54.86%	51.67%	49.30%	47.84%			
1957	684,494	393,508	138,560	254,948	37.25%	42.97%	47.70%	49.68%	49.78%	48.10%	46.63%	45.71%		
1958	615,131	369,685	136,084	233,601	37.98%	37.59%	41.26%	45.00%	46.93%	47.35%	46.26%	45.19%	44.52%	
1959	563,107	397,873	137,800	260,273	46.22%	41.92%	40.20%	42.44%	45.25%	46.80%	47.18%	46.25%	45.33%	44.73%
1960	605,124	371,815	150,747	221,068	36.53%	41.20%	40.09%	39.30%	41.23%	43.69%	45.16%	45.63%	44.96%	44.23%
1961	612,283	344,925	155,362	189,563	30.96%	33.73%	37.68%	37.76%	37.64%	39.47%	41.74%	43.18%	43.74%	43.30%
1962	913,571	479,590	221,981	257,609	28.20%	29.31%	31.36%	34.46%	35.12%	35.48%	37.18%	39.22%	40.60%	41.25%
1963	777,890	371,578	195,240	176,338	22.67%	22.07%	25.66%	29.03%	31.82%	32.75%	33.39%	35.03%	36.96%	38.31%
1964	790,038	374,700	205,126	169,574	21.46%	21.46%	24.32%	25.63%	27.42%	29.90%	30.92%	31.70%	33.26%	35.07%
1965	1,086,662	442,064	273,496	168,568	15.51%	18.02%	19.38%	21.64%	23.00%	24.71%	26.98%	28.11%	29.05%	30.56%
1966	1,181,692	526,799	229,649	297,150	25.15%	20.53%	20.77%	21.16%	22.51%	23.48%	24.80%	26.65%	27.62%	28.46%
1967	1,131,512	462,766	264,397	198,369	17.53%	21.42%	19.53%	19.90%	20.33%	21.55%	22.44%	23.64%	25.30%	26.24%
1968	1,364,210	588,198	306,146	282,052	20.68%	19.25%	20.68%	19.86%	20.39%	20.41%	21.39%	22.13%	23.16%	24.60%
1969	1,533,663	608,005	330,668	277,337	18.08%	19.30%	18.81%	20.24%	19.43%	19.65%	19.95%	20.81%	21.47%	22.38%
1970	1,540,399	676,390	344,155	332,235	21.57%	19.83%	20.09%	19.57%	20.55%	19.85%	20.00%	20.22%	20.92%	21.49%
1971	1,115,794	432,839	241,627	191,212	17.14%	19.71%	19.11%	19.50%	19.16%	20.06%	19.51%	19.67%	19.89%	20.55%
1972	1,148,405	511,359	277,138	234,221	20.40%	18.79%	19.91%	19.39%	19.65%	19.34%	20.10%	19.61%	19.75%	19.94%
1973	1,094,044	551,011	272,272	278,739	25.48%	22.87%	20.97%	21.16%	20.42%	20.47%	20.10%	20.69%	20.18%	20.27%
1974	1,186,378	982,553	296,225	686,328	57.85%	42.32%	34.98%	30.60%	28.21%	26.25%	25.41%	24.52%	24.59%	23.79%
1975	1,001,179	727,041	334,658	392,383	39.19%	49.31%	41.37%	35.93%	32.15%	29.85%	27.76%	26.79%	25.85%	25.78%
1976	1,139,105	746,008	404,527	341,481	29.98%	34.29%	42.69%	38.43%	34.71%	31.78%	29.87%	28.01%	27.11%	26.23%
1977	1,052,882	727,239	531,781	195,458	18.56%	24.50%	29.10%	36.89%	34.61%	32.14%	29.98%	28.58%	27.09%	26.38%
1978	1,036,168	617,860	529,372	88,488	8.54%	13.59%	19.37%	20.07%	31.47%	30.46%	28.95%	27.45%	26.57%	25.47%
1979	1,217,414	1,089,903	581,581	508,322	41.75%	26.48%	23.96%	25.50%	28.02%	33.35%	32.24%	30.71%	29.19%	28.17%
1980	1,206,570	1,215,879	812,525	403,354	33.43%	28.91%	26.49%	27.20%	29.00%	33.37%	32.40%	31.03%	29.65%	
1981	1,348,144	813,255	1,023,266	(210,011)	-15.58%	7.57%	18.60%	16.43%	16.82%	18.96%	21.49%	26.18%	26.11%	25.54%
1982	1,184,273	891,439	861,742	29,697	2.51%	-7.12%	5.97%	14.76%	13.68%	14.41%	16.58%	19.04%	23.48%	23.67%
1983	983,821	705,168	719,722	(14,554)	-1.48%	0.70%	-5.54%	4.41%	12.07%	11.54%	12.46%	14.64%	17.06%	17.32%
1984	1,142,514	1,223,869	923,090	300,779	26.33%	13.46%	9.54%	2.27%	8.68%	14.37%	13.62%	14.39%	15.93%	17.99%
1985	1,287,338	1,219,214	1,018,726	200,488	15.57%	20.63%	14.26%	11.23%	5.15%	9.92%	14.55%	13.89%	14.36%	15.89%
1986	1,006,210	1,104,204	886,423	217,781	21.64%	18.24%	20.93%	15.94%	13.10%	7.54%	11.37%	15.31%	14.64%	15.00%
1987	1,271,033	874,009	991,850	(117,841)	-9.27%	4.39%	8.43%	12.77%	10.31%	8.96%	4.94%	8.59%	12.38%	12.04%
1988	1,102,260	893,030	357,127	535,903	32.40%	10.08%	13.52%	14.09%	16.50%	13.89%	12.20%	8.19%	11.08%	14.26%
1989	1,364,652	814,344	1,001,622	(187,278)	-13.72%	6.89%	1.39%	5.69%	7.80%	10.75%	9.27%	8.42%	5.39%	8.23%
1990	1,518,591	763,122	968,484	(205,362)	-13.52%	-13.62%	-0.89%	-2.92%	1.03%	3.51%	6.51%	5.70%	5.35%	3.04%
1991	1,373,240	516,756	1,100,444	(563,688)	-42.50%	-27.29%	-22.94%	-11.55%	-11.12%	-6.80%	-3.57%	-0.18%	-0.29%	-0.02%
1992	2,644,759	478,960	1,670,950	(1,191,990)	-45.07%	-44.19%	-35.78%	-31.42%	-22.63%	-20.80%	-16.65%	-13.06%	-9.52%	-8.94%
1993	2,405,576	323,269	1,490,514	(1,167,245)	-48.52%	-46.71%	-45.61%	-39.64%	-35.84%	-28.61%	-26.51%	-22.69%	-19.16%	-15.73%
1994	1,906,308	382,459	1,138,160	(765,701)	-39.64%	-44.60%	-44.78%	-44.40%	-39.64%	-36.49%	-30.32%	-28.35%	-24.90%	-21.62%
1995	1,999,112	736,309	1,327,071	(590,762)	-29.55%	-34.48%	-39.83%	-41.38%	-41.53%	-37.94%	-35.44%	-30.21%	-25.51%	-25.46%
1996	2,458,589	603,448	1,311,527	(708,079)	-28.80%	-29.14%	-32.28%	-36.74%	-38.67%	-39.08%	-36.37%	-34.40%	-30.01%	-28.55%
1997	2,231,917	560,259	1,303,589	(743,330)	-33.30%	-30.94%	-30.53%	-32.55%	-36.04%	-37.79%	-38.22%	-35.95%	-34.26%	-30.39%
1998	2,976,280	751,165	1,692,351	(941,186)	-31.62%	-32.34%	-31.21%	-30.86%	-32.31%	-35.10%	-36.69%	-37.13%	-35.29%	-33.88%
1999	3,519,349	1,165,780	2,105,564	(939,784)	-26.70%	-28.96%	-30.07%	-29.79%	-29.75%	-31.00%	-33.41%	-34.94%	-35.43%	-33.98%
2000	3,583,144	599,171	1,853,315	(1,254,144)	-35.00%	-30.89%	-31.11%	-31.50%	-31.05%	-30.88%	-31.77%	-33.68%	-34.95%	-35.36%
2001	2,245,747	186,080	1,521,713	(1,335,634)	-59.47%	-44.43%	-37.76%	-36.28%	-35.82%	-34.81%	-34.25%	-34.74%	-36.17%	-37.07%
2002	267,023	\$6,396.46	1,177,045	(1,170,649)	-438.41%	-99.74%	-61.69%	-48.88%	-44.80%	-43.07%	-41.04%	-39.85%	-39.83%	-40.72%
2003	1,321,734	\$70,481.49	8,623	61,859	4.68%	-69.79%	-63.75%	-49.66%	-42.41%	-40.10%	-39.16%	-37.79%	-36.99%	-37.22%
2004	2,180,897	\$515,567.28	372,909	142,658	6.54%	5.84%	-25.63%	-38.26%	-37.05%	-34.27%	-33.78%	-33.72%	-33.14%	-32.83%
2005	3,285,767	\$490,005.10	1,348,786	(858,781)	-26.14%	-13.10%	-9.64%	-28.87%	-30.82%	-34.26%	-32.64%	-32.49%	-32.57%	-32.18%
2006	3,588,071	\$578,188.59	1,216,234	(638,045)	-17.78%	-21.78%	-14.96%	-12.45%	-21.14%	-29.47%	-30.67%	-29.97%	-30.19%	-30.46%
2007	6,258,148	681,882.43	3,036,373.43	(2,354,491)	-37.62%	-30.93%	-29.33%	-24.22%	-23.92%	-28.50%	-32.14%	-32.59%	-31.80%	-31.78%
2008	6,843,323	1,074,260.89	1,662,865.20	(588,604)	-8.60%	-22.46%	-21.46%	-22.23%	-19.40%	-18.04%	-22.77%	-25.94%	-27.04%	-27.00%
2009	4,581,574	435,034.28	1,876,982.35	(1,441,948)	-31.47%	-17.77%	-24.80%	-23.61%	-23.95%	-21.46%	-20.23%	-24.18%	-26.77%	-24.18%
2010	5,179,417	571,162.57	1,512,856.92	(941,694)	-18.18%	-24.42%	-17.90%	-23.30%	-22.55%	-22.95%	-20.93%	-19.91%	-23.25%	-25.52%
2011	9,863,938	778,236.49	2,802,065.45	(2,023,829)	-20.52%	-19.71%	-22.46%	-18.88%	-22.46%	-22.00%	-22.34%	-20.83%	-20.05%	-22.63%

NA - Not applicable

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
Distribution Underground Conduit  
Account 366  
1950-2011

Transaction Year	Transactional History Retirements	Salvage	Removal		Net		2- yr	3- yr	4- yr	5- yr	6- yr	7- yr	8- yr	9- yr	10- yr	
			Cost	Salvage	Net Salvage	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %
1950	12,207	1,647	1,354	293	2.40%											
1951	10,409	870	683	187	1.80%		2.12%									
1952	19,407	1,945	2,080	(135)	-0.70%		0.17%	0.82%								
1953	8,226	3,019	1,514	1,505	18.30%		4.96%	4.09%	3.68%							
1954	5,417	640	499	141	2.60%		12.06%	4.57%	3.91%	3.58%						
1955	6,073	492	1,779	(1,287)	-21.19%		-9.97%	1.82%	0.57%	0.83%	1.14%					
1956	27,113	3,770	6,185	(2,415)	-8.91%		-11.16%	-9.22%	-4.39%	-3.31%	-2.61%	-1.93%				
1957	22,217	6,215	4,801	1,414	6.36%		-2.03%	-4.13%	-0.93%	-0.88%	-0.80%	-0.88%	-0.27%			
1958	33,073	3,984	5,085	(1,101)	-3.33%		0.57%	-2.55%	-3.83%	-3.46%	-1.71%	-1.55%	-1.28%	-0.97%		
1959	46,508	2,679	7,852	(5,173)	-11.12%		-7.88%	-4.77%	-6.34%	-6.00%	-4.65%	-4.20%	-3.85%	-3.45%		
1960	9,760	2,516	2,278	238	2.44%		-8.77%	-6.76%	-4.14%	-5.07%	-5.75%	-5.45%	-4.22%	-3.83%	-3.52%	
1961	18,699	2,882	2,991	(109)	-0.58%		0.45%	-6.73%	-5.69%	-3.63%	-4.54%	-5.16%	-4.91%	-3.83%	-3.52%	
1962	71,602	4,325	9,478	(5,153)	-7.20%		-5.83%	-5.02%	-6.96%	-6.28%	-4.90%	-5.37%	-5.78%	-4.80%	-4.80%	
1963	28,679	2,092	10,094	(8,002)	-27.90%		-13.12%	-11.15%	-10.12%	-10.38%	-9.26%	-7.76%	-7.88%	-8.19%	-7.97%	
1964	64,509	2,062	10,198	(8,136)	-12.61%		-17.32%	-12.92%	-11.66%	-10.95%	-10.06%	-8.92%	-8.83%	-9.06%		
1965	107,616	5,297	25,282	(19,985)	-18.57%		-16.34%	-17.99%	-15.15%	-14.22%	-13.68%	-13.33%	-12.46%	-11.43%	-11.27%	
1966	97,080	3,169	12,141	(8,972)	-9.24%		-14.15%	-13.78%	-15.14%	-13.80%	-12.97%	-12.59%	-12.44%	-11.81%	-11.00%	
1967	100,758	2,186	14,937	(12,751)	-12.66%		-10.98%	-13.65%	-13.47%	-14.51%	-13.40%	-12.91%	-12.61%	-12.48%	-11.96%	
1968	153,763	1,264	16,202	(14,938)	-9.71%		-10.88%	-10.43%	-12.34%	-12.37%	-13.18%	-12.49%	-12.14%	-11.93%	-11.87%	
1969	47,362	2,231	11,081	(8,850)	-18.69%		-11.83%	-12.10%	-11.41%	-12.93%	-12.89%	-13.61%	-12.93%	-12.59%	-12.38%	
1970	115,293	27,677	12,374	15,303	13.27%		3.97%	-2.68%	-5.09%	-5.87%	-8.07%	-8.07%	-9.28%	-8.09%	-8.89%	
1971	28,305	107,839	4,197	103,642	366.16%		82.83%	57.65%	27.60%	18.50%	13.53%	8.22%	6.34%	5.02%	3.95%	
1972	94,916	58,557	6,053	52,504	55.32%		126.72%	71.88%	56.88%	33.59%	24.96%	19.76%	14.22%	12.08%	10.71%	
1973	74,941	4,053	4,667	(614)	-0.82%		30.55%	78.49%	54.50%	44.89%	28.58%	21.82%	17.59%	12.85%	10.99%	
1974	62,399	100,932	5,912	95,020	152.28%		68.74%	63.25%	96.16%	70.73%	60.73%	41.95%	33.84%	28.44%	22.71%	
1975	47,348	59,204	6,160	53,044	112.03%		134.91%	79.84%	71.51%	98.60%	75.35%	65.89%	47.27%	38.94%	33.25%	
1976	65,310	7,541	13,377	(5,836)	-8.94%		41.90%	81.25%	56.65%	56.28%	64.09%	56.77%	41.95%	34.99%	33.99%	
1977	94,788	(147,647)	12,009	(159,656)	-168.43%		-103.37%	-54.21%	-6.46%	-5.23%	7.84%	29.51%	26.30%	22.92%	16.52%	
1978	81,337	93,985	27,880	66,105	81.27%		-53.12%	-41.17%	-16.05%	11.28%	19.30%	37.17%	33.03%	29.59%	26.59%	
1979	51,770	252,268	17,178	235,090	454.10%		226.28%	62.11%	46.28%	55.22%	70.42%	59.25%	58.60%	73.08%	63.46%	
1980	87,626	263,113	35,992	227,121	259.19%		331.58%	239.35%	116.84%	97.12%	104.14%	90.23%	85.21%	96.76%	93.66%	
1981	153,243	285,943	48,113	237,830	155.20%		193.03%	239.22%	204.87%	129.38%	112.47%	112.43%	116.29%	104.08%	98.39%	
1982	70,298	68,384	67,679	705	1.00%		106.71%	149.65%	193.08%	172.61%	112.64%	99.50%	100.41%	104.94%	94.90%	
1983	87,920	136,677	48,879	87,798	99.86%		55.94%	104.77%	138.68%	174.90%	160.59%	110.85%	99.55%	100.35%	104.39%	
1984	89,831	58,144	37,340	20,804	23.16%		61.10%	44.07%	86.50%	117.45%	149.69%	140.74%	99.86%	90.77%	91.99%	
1985	125,149	428,363	43,028	385,335	307.90%		188.92%	163.07%	132.54%	139.14%	156.27%	179.43%	168.74%	130.78%	120.72%	
1986	98,818	446,485	51,961	394,524	399.24%		348.20%	255.15%	221.17%	188.38%	180.24%	189.95%	207.83%	195.67%	158.98%	
1987	156,712	774,890	102,067	672,823	429.34%		417.70%	381.60%	313.17%	279.58%	248.44%	230.16%	233.09%	245.51%	232.19%	
1988	136,359	472,096	57,192	414,904	304.27%		371.15%	378.23%	361.21%	311.17%	284.43%	258.39%	241.17%	242.74%	253.08%	
1989	230,601	342,776	134,559	208,217	90.29%		169.81%	247.47%	271.57%	277.65%	250.35%	236.05%	219.46%	210.89%	214.31%	
1990	1,253,640	544,563	106,837	437,726	34.92%		43.52%	65.46%	97.54%	113.44%	125.60%	121.20%	120.33%	116.61%	119.07%	
1991	265,292	283,435	124,229	159,206	60.01%		39.30%	46.02%	64.69%	92.67%	106.82%	117.92%	114.31%	113.79%	110.63%	
1992	679,154	257,592	189,751	67,841	9.99%		24.04%	35.94%	50.21%	63.50%	72.04%	83.50%	93.04%	90.97%	91.22%	
1993	236,075	22,618	126,605	(103,987)	-44.05%		-3.95%	10.42%	28.86%	42.27%	62.77%	62.77%	73.65%	82.86%	81.23%	
1994	207,963	355,249	97,881	257,368	123.76%		34.54%	19.70%	27.40%	30.97%	35.73%	47.90%	66.78%	76.84%	85.37%	
1995	157,297	176,532	124,802	51,730	32.89%		84.62%	34.11%	21.32%	27.86%	31.07%	35.58%	47.15%	65.18%	74.82%	
1996	75,286	43,887	114,390	(70,503)	-93.65%		-8.07%	54.16%	19.89%	14.93%	22.31%	27.81%	32.45%	43.88%	61.66%	
1997	178,315	832,358	75,488	756,870	424.46%		270.65%	179.63%	160.85%	104.27%	62.53%	62.16%	50.97%	53.74%	63.72%	
1998	409,975	270,319	123,277	147,042	35.87%		153.65%	125.59%	107.83%	111.05%	82.10%	56.91%	57.28%	49.19%	51.75%	
1999	534,118	169,728	115,914	53,814	10.08%		21.28%	85.33%	74.08%	69.30%	76.54%	60.72%	46.82%	48.09%	43.96%	
2000	265,029	130,300	77,995	52,305	19.74%		13.28%	20.94%	72.80%	64.23%	61.19%	68.31%	55.46%	44.20%	45.59%	
2001	138,922	17,074	63,950	(46,876)	-33.74%		6.32%	15.30%	15.30%	63.10%	55.73%	53.69%	61.10%	49.83%	40.44%	
2002	46,710	1,180	54,777	(53,597)	-114.74%		-54.12%	-10.69%	0.57%	10.95%	57.82%	50.90%	49.33%	57.02%	46.41%	
2003	210,418	-	2,981	(2,981)	-1.42%		-22.00%	-26.12%	-7.74%	0.22%	9.33%	50.83%	44.04%	51.49%	46.41%	
2004	82,296	-	93,947	(93,947)	-114.16%		-33.11%	-44.35%	-41.27%	-19.52%	-7.15%	3.30%	43.55%	38.23%	37.83%	
2005	368,295	-	463,130	(463,130)	-125.75%		-123.63%	-84.73%	-88.37%	-86.71%	-33.69%	-19.82%	-15.64%	12.08%		
2006	749,130	-	150,174	(150,174)	-20.05%		-54.89%	-58.95%	-50.37%	-52.43%	-50.80%	-40.76%	-29.42%	-19.88%	6.68%	
2007	216,824	0.00	544,491.27	(544,491)	-251.12%		-71.91%	-86.77%	-87.37%	-77.12%	-74.77%	-74.77%	-62.71%	-47.83%	-36.47%	
2008	174,689	0.00	120,236.12	(120,236)	-68.83%		-169.78%	-71.44%	-84.70%	-86.22%	-76.32%	-77.29%	-74.24%	-63.19%	-49.14%	
2009	116,985	0.00	197,695.85	(197,696)	-168.99%		-109.00%	-169.60%	-169.60%	-80.52%	-91.89%	-81.97%	-82.75%	-79.51%	-68.41%	
2010	3,903,611	0.00	117,180.54	(117,181)	-3.00%		-7.83%	-10.37%	-22.20%	-21.89%	-28.81%	-30.06%	-29.02%	-29.71%	-29.80%	
2011	253,494	0.00	706,087.49	(706,087)	-278.54%		-19.80%	-23.89%	-25.65%	-36.13%	-33.91%	-39.75%	-40.80%	-39.43%	-40.01%	

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant Distribution Underground Conductor & Devices Account 367 1950-2011														
Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
1950	93,490	50,082	15,872	34,210	36.59%									
1951	63,913	50,965	10,902	40,063	62.68%	47.19%								
1952	183,359	130,411	26,746	103,665	56.54%	58.13%	52.22%							
1953	142,748	84,917	15,659	69,258	48.52%	53.03%	54.61%	51.13%						
1954	139,539	109,656	21,235	88,421	63.37%	55.86%	56.13%	56.92%	53.87%					
1955	59,026	37,807	9,315	28,492	48.27%	58.88%	54.55%	55.24%	56.05%	53.38%				
1956	114,496	95,809	27,870	67,939	59.34%	55.57%	59.05%	55.75%	55.98%	56.58%	54.24%			
1957	200,828	130,961	35,067	95,894	47.75%	51.96%	51.38%	54.63%	53.30%	54.01%	54.62%	52.93%		
1958	163,745	102,672	30,846	71,826	43.86%	46.00%	49.19%	49.09%	52.03%	51.42%	52.35%	52.97%	51.65%	
1959	111,972	42,772	20,593	22,179	19.81%	34.09%	39.85%	43.62%	44.05%	47.46%	47.62%	49.09%	49.82%	48.85%
1960	140,008	101,055	22,854	78,201	55.85%	39.84%	41.42%	43.48%	45.97%	46.14%	48.72%	48.70%	49.84%	50.46%
1961	89,736	40,290	17,472	22,818	25.43%	43.97%	36.05%	38.58%	41.19%	43.72%	44.03%	46.77%	46.90%	48.21%
1962	262,727	89,462	29,894	59,568	22.67%	23.37%	32.61%	30.24%	33.14%	36.17%	38.62%	39.12%	41.76%	42.43%
1963	221,768	104,079	30,371	73,708	33.24%	27.51%	27.18%	32.80%	31.04%	33.16%	35.62%	37.70%	38.16%	40.50%
1964	212,267	91,610	36,742	54,868	25.85%	29.62%	27.00%	26.82%	31.21%	29.98%	31.87%	34.14%	36.05%	36.50%
1965	420,593	218,442	60,327	158,115	37.59%	33.65%	33.55%	30.99%	30.58%	33.20%	32.18%	33.35%	34.94%	36.38%
1966	506,932	342,511	75,339	267,172	52.70%	45.85%	42.13%	40.68%	37.77%	37.12%	38.53%	37.47%	37.96%	38.80%
1967	233,695	158,930	33,859	125,071	53.52%	52.96%	47.39%	44.06%	42.56%	39.75%	39.09%	40.21%	39.17%	39.50%
1968	521,097	346,413	65,328	281,085	53.94%	53.81%	53.37%	49.42%	46.78%	45.36%	42.86%	42.22%	42.95%	42.00%
1969	199,084	43,031	43,959	(928)	-0.47%	38.90%	42.48%	46.03%	44.14%	42.29%	41.42%	39.51%	39.04%	39.88%
1970	379,618	278,850	43,497	235,353	62.00%	40.51%	46.87%	48.04%	49.32%	47.14%	45.31%	44.32%	42.40%	41.90%
1971	215,316	200,327	45,394	154,933	71.98%	65.60%	49.04%	50.98%	51.36%	51.69%	49.30%	47.45%	46.36%	44.40%
1972	322,236	292,825	44,356	248,469	77.11%	75.04%	69.64%	57.14%	56.12%	55.80%	55.14%	52.50%	50.62%	49.43%
1973	271,263	132,931	35,840	97,091	35.79%	58.22%	61.88%	61.92%	52.97%	53.23%	53.26%	53.16%	51.02%	49.40%
1974	501,105	821,661	70,639	751,022	149.87%	109.81%	100.18%	95.54%	88.00%	78.68%	73.33%	71.58%	68.54%	64.90%
1975	357,319	257,860	63,168	194,692	54.49%	110.17%	92.31%	88.94%	86.74%	82.15%	74.83%	70.90%	69.54%	67.11%
1976	470,001	322,925	93,103	229,822	48.90%	51.31%	88.49%	79.55%	79.14%	78.42%	75.94%	70.34%	67.70%	66.75%
1977	739,923	451,934	146,640	305,294	41.26%	44.23%	46.57%	71.59%	67.44%	68.61%	68.86%	68.06%	64.12%	62.78%
1978	638,793	546,069	124,182	421,887	66.04%	52.74%	51.77%	52.21%	70.29%	68.12%	68.12%	68.35%	67.73%	64.82%
1979	672,919	638,122	147,498	490,624	72.91%	69.57%	59.36%	57.41%	57.05%	70.81%	68.21%	68.93%	69.08%	68.49%
1980	888,210	759,053	194,068	564,985	63.61%	67.62%	67.16%	60.64%	59.02%	58.59%	69.31%	67.31%	67.96%	68.13%
1981	1,019,372	1,181,797	219,113	962,684	94.44%	80.08%	78.21%	75.80%	69.34%	67.17%	66.23%	74.15%	72.28%	72.55%
1982	757,411	986,943	202,108	784,835	103.62%	98.35%	86.77%	83.98%	81.10%	74.85%	72.50%	71.34%	77.85%	76.04%
1983	835,466	583,706	185,935	397,771	47.61%	74.24%	82.12%	77.43%	76.70%	75.28%	70.75%	69.04%	68.23%	74.17%
1984	1,292,634	684,497	344,377	340,120	26.31%	34.67%	52.77%	63.65%	64.78%	64.91%	62.36%	61.49%	62.36%	61.17%
1985	1,513,861	980,441	251,807	728,634	48.13%	38.08%	40.27%	51.17%	59.31%	59.92%	61.17%	61.58%	59.78%	59.20%
1986	1,455,156	1,947,266	262,666	1,684,600	115.77%	81.28%	64.61%	61.82%	67.23%	71.26%	70.39%	70.59%	70.27%	68.08%
1987	2,004,356	1,925,561	222,726	1,702,835	84.96%	97.92%	82.76%	71.12%	68.35%	71.75%	74.36%	73.38%	73.35%	72.93%
1988	1,919,447	1,454,247	349,073	1,105,174	57.58%	71.56%	83.52%	75.75%	67.94%	66.06%	68.97%	71.37%	70.78%	70.90%
1989	2,647,807	2,020,800	342,965	1,677,835	63.37%	60.93%	68.26%	76.87%	72.31%	68.82%	65.45%	67.77%	69.80%	69.41%
1990	2,499,163	2,617,246	301,019	2,316,227	92.68%	77.60%	72.16%	74.99%	80.63%	76.54%	71.67%	70.25%	71.95%	73.38%
1991	2,299,456	934,202	362,628	571,574	24.86%	60.18%	61.31%	60.55%	64.85%	70.63%	68.25%	64.78%	63.91%	65.66%
1992	3,833,100	1,551,960	513,259	1,038,701	27.10%	26.26%	45.49%	49.69%	50.83%	55.33%	60.61%	59.57%	57.36%	56.96%
1993	3,281,693	1,203,248	402,337	800,911	24.41%	25.86%	25.61%	39.69%	43.99%	45.57%	49.84%	54.65%	54.19%	52.61%
1994	2,349,744	605,218	266,802	338,416	14.40%	20.23%	23.01%	23.37%	35.52%	39.88%	41.68%	45.84%	50.41%	50.26%
1995	2,680,366	1,490,184	269,941	1,220,243	45.53%	30.99%	28.39%	27.48%	37.10%	40.65%	42.16%	45.81%	49.89%	49.89%
1996	2,735,038	1,791,988	343,383	1,448,605	52.96%	49.28%	38.73%	34.47%	32.57%	31.54%	39.31%	42.16%	43.38%	46.55%
1997	3,142,168	1,115,533	438,616	676,917	21.54%	36.17%	39.10%	33.78%	31.67%	30.65%	29.99%	36.86%	39.62%	40.87%
1998	5,347,677	1,336,742	434,643	902,099	16.87%	18.60%	26.97%	30.55%	28.21%	27.57%	27.50%	27.26%	33.06%	35.67%
1999	5,617,672	1,676,053	513,006	1,163,047	20.70%	18.83%	19.44%	24.88%	27.72%	26.29%	26.04%	26.18%	26.08%	31.01%
2000	5,265,406	885,172	384,847	500,325	9.50%	15.28%	15.81%	16.74%	21.22%	23.85%	23.03%	23.18%	23.62%	23.69%
2001	5,171,356	79,102	548,632	(469,530)	-9.08%	0.30%	7.44%	9.79%	11.30%	15.47%	18.16%	19.89%	19.33%	19.33%
2002	3,761,758	90,112	272,122	(182,010)	-4.84%	-7.29%	-1.07%	5.11%	7.61%	9.15%	13.01%	15.60%	15.52%	16.26%
2003	1,478,221	78,826	6,220	72,607	4.91%	-2.09%	-5.56%	-5.05%	5.09%	7.46%	8.94%	12.64%	15.15%	15.10%
2004	2,482,444	586,853	190,980	395,873	15.95%	11.83%	3.71%	-1.42%	1.75%	6.23%	8.18%	9.48%	12.88%	15.20%
2005	4,275,419	637,591	1,669,831	(1,032,240)	-24.14%	-6.85%	-9.42%	-6.22%	-7.08%	-3.19%	1.60%	4.04%	5.55%	8.85%
2006	2,307,106	371,771	519,822	(148,050)	-6.42%	-17.93%	-8.65%	-6.75%	-6.25%	-7.00%	-3.49%	0.99%	3.37%	4.84%
2007	1,825,678	308,130	1,246,596	(938,466)	-51.40%	-26.29%	-25.20%	-15.82%	-13.34%	-11.36%	-10.81%	-6.78%	-1.98%	0.70%
2008	2,991,702	469,636	541,188	(71,552)	-2.39%	-20.97%	-16.25%	-19.21%	-12.93%	-11.21%	-9.96%	-9.77%	-6.34%	-2.02%
2009	3,401,648	322,997	624,811	(301,814)	-8.87%	-15.96%	-15.96%	-18.84%	-13.87%	-12.13%	-10.79%	-9.77%	-9.66%	-6.60%
2010	3,636,044	400,966	440,597	(39,630)	-1.09%	-4.85%	-4.12%	-11.40%	-10.59%	-13.73%	-10.21%	-9.21%	-8.58%	-8.66%
2011	4,905,454	387,026	310,599	76,428	1.56%	0.43%	-2.22%	-2.25%	-7.61%	-7.46%	-10.52%	-7.97%	-7.28%	-6.98%

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Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	3,157,312	463,967	39,476	424,491	13.44%									
2001	29,650	85,129	14,809	70,320	237.17%	15.53%								
2002	2,025	-	45	(45)	-2.22%	221.86%	15.51%							
2003	64,060	-	(1,881)	1,881	2.94%	2.78%	75.37%	15.27%						
2004	331,003	75,526	238,090	(162,564)	-49.11%	-40.67%	-40.48%	-21.19%	9.32%					
2005	187,211	142,430	236,717	(94,287)	-50.36%	-49.56%	-43.79%	-43.64%	-30.08%	6.36%				
2006	46,568,279	441,331	285,212	156,119	0.34%	0.13%	-0.21%	-0.21%	-0.21%	-0.06%	0.79%			
2007	3,215,229	1,057,852	2,444,464	(1,386,612)	-43.13%	-2.47%	-2.65%	-2.96%	-2.95%	-2.95%	-2.81%	-1.85%		
2008	3,984,588	(17,746)	131,949	(149,695)	-3.76%	-21.34%	-2.57%	-2.73%	-3.02%	-3.01%	-3.01%	-2.88%	-1.98%	
2009	5,751,237 *	-	-	0	0.00%	-1.54%	-11.86%	-2.32%	-2.47%	-2.73%	-2.72%	-2.72%	-2.60%	-1.80%
2010	13,890,058 *	53,848	1,351,824	(1,297,977)	-9.34%	-6.61%	-6.13%	-10.56%	-3.65%	-3.77%	-3.97%	-3.96%	-3.96%	-3.87%
2011	6,846,074 *	-	1,297	(1,297)	-0.02%	-6.27%	-4.91%	-4.76%	-8.42%	-3.34%	-3.45%	-3.64%	-3.63%	-3.63%

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2000	152,100	(2,012)	4,585	(6,597)	-4.34%									
2001	115,175	2,576	4,000	(1,424)	-1.24%	-3.00%								
2002	45,274	584	15,705	(15,121)	-33.40%	-10.31%	-7.40%							
2003	97,702	-	143	(143)	-0.15%	-10.68%	-6.46%	-5.68%						
2004	101,497	-	14,090	(14,090)	-13.88%	-7.15%	-12.01%	-8.56%	-7.30%					
2005	114,920	-	28,728	(28,728)	-25.00%	-19.79%	-13.68%	-16.16%	-12.54%	-10.55%				
2006	335,227	-	77,590	(77,590)	-23.15%	-23.62%	-21.83%	-18.57%	-19.53%	-16.93%	-14.94%			
2007	1,659,713	-	120,936	(120,936)	-7.29%	-9.95%	-10.77%	-10.91%	-10.46%	-10.90%	-10.45%	-10.09%		
2008	190,808	-	19,204	(19,204)	-10.06%	-7.57%	-9.96%	-10.71%	-10.85%	-10.43%	-10.84%	-10.42%	-10.09%	
2009	148,111	9,193	55,287	(46,093)	-31.12%	-19.27%	-9.32%	-11.30%	-11.95%	-12.02%	-11.59%	-11.95%	-11.51%	-11.14%
2010	127,405	33,100	14,377	18,723	14.70%	-9.93%	-9.99%	-7.88%	-9.96%	-10.63%	-10.75%	-10.38%	-10.75%	-10.38%
2011	119,973 *	-	67,746	(67,746)	-56.47%	-19.82%	-24.05%	-19.50%	-10.47%	-12.12%	-12.67%	-12.71%	-12.29%	-12.61%

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Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
1955	78,289	44,068	41,401	2,667	3.41%									
1956	98,392	60,182	52,330	7,852	7.98%	5.95%								
1957	116,813	53,514	63,107	(9,593)	-8.21%	-0.81%	0.32%							
1958	141,761	39,972	76,539	(36,567)	-25.79%	-17.85%	-10.73%	-8.19%						
1959	128,718	43,153	78,309	(35,156)	-27.31%	-26.52%	-21.00%	-15.13%	-12.55%					
1960	138,190	50,235	82,908	(32,673)	-23.64%	-25.41%	-25.55%	-21.69%	-17.01%	-14.74%				
1961	128,003	44,446	83,535	(39,089)	-30.54%	-26.96%	-27.07%	-26.74%	-23.42%	-19.32%	-17.17%			
1962	150,353	61,503	100,337	(38,834)	-25.83%	-27.99%	-26.55%	-26.55%	-26.73%	-23.87%	-20.40%	-18.50%		
1963	136,839	49,547	90,344	(40,797)	-29.81%	-27.73%	-28.59%	-27.36%	-27.35%	-27.08%	-24.74%	-21.64%	-19.89%	-19.89%
1964	129,314	53,320	95,879	(42,559)	-32.91%	-31.32%	-29.34%	-29.62%	-28.41%	-28.24%	-27.87%	-25.73%	-22.89%	-21.24%
1965	155,344	53,216	96,462	(43,246)	-27.84%	-30.14%	-30.04%	-28.93%	-29.22%	-28.30%	-28.17%	-27.87%	-25.99%	-23.47%
1966	147,049	77,054	113,521	(36,467)	-24.80%	-26.36%	-28.32%	-28.68%	-28.09%	-28.46%	-27.78%	-27.73%	-27.51%	-25.87%
1967	173,647	70,291	141,052	(70,761)	-40.75%	-33.44%	-31.61%	-31.89%	-31.51%	-30.55%	-30.55%	-29.72%	-29.48%	-29.12%
1968	159,731	77,731	145,742	(68,011)	-42.55%	-41.63%	-36.48%	-34.37%	-34.12%	-33.47%	-32.38%	-31.28%	-30.93%	-30.93%
1969	179,189	79,641	176,224	(96,583)	-53.90%	-48.56%	-45.92%	-41.21%	-38.66%	-37.67%	-36.85%	-35.51%	-35.04%	-33.99%
1970	185,653	83,915	173,043	(89,128)	-48.01%	-50.90%	-48.37%	-46.47%	-42.70%	-40.39%	-39.54%	-38.49%	-37.14%	-36.60%
1971	190,904	58,777	186,492	(127,715)	-66.90%	-57.59%	-56.40%	-53.31%	-50.86%	-47.16%	-44.64%	-43.49%	-42.21%	-40.68%
1972	204,596	62,581	196,611	(134,030)	-65.51%	-66.18%	-60.38%	-58.85%	-56.02%	-53.60%	-50.19%	-47.70%	-46.45%	-45.08%
1973	214,283	76,809	182,391	(105,582)	-49.27%	-57.20%	-60.24%	-57.38%	-54.75%	-52.89%	-50.50%	-47.91%	-46.79%	-45.79%
1974	240,907	85,789	185,355	(99,566)	-41.33%	-45.07%	-51.41%	-54.88%	-53.65%	-53.69%	-52.40%	-51.09%	-48.81%	-47.05%
1975	245,205	93,618	204,763	(111,145)	-45.33%	-43.35%	-45.16%	-49.76%	-52.75%	-52.06%	-52.29%	-51.33%	-50.30%	-48.37%
1976	290,507	70,301	192,046	(121,745)	-41.91%	-43.47%	-42.81%	-44.21%	-47.85%	-50.47%	-50.18%	-50.56%	-49.90%	-49.13%
1977	333,693	74,177	202,641	(128,464)	-38.50%	-40.08%	-41.56%	-41.51%	-42.77%	-45.81%	-48.15%	-48.14%	-48.63%	-48.20%
1978	359,362	54,690	326,604	(271,914)	-75.67%	-57.77%	-53.08%	-51.54%	-49.86%	-49.79%	-51.49%	-52.91%	-52.50%	-52.61%
1979	413,293	87,998	479,709	(391,711)	-94.78%	-85.89%	-71.59%	-65.42%	-62.42%	-59.72%	-58.65%	-59.26%	-59.85%	-59.03%
1980	404,209	142,608	550,526	(407,918)	-100.92%	-97.81%	-91.05%	-79.44%	-73.39%	-70.02%	-67.00%	-65.48%	-65.49%	-65.58%
1981	401,709	466,315	531,504	(65,189)	-16.23%	-70.93%	-70.93%	-62.96%	-61.20%	-62.96%	-59.42%	-58.67%	-58.12%	-57.12%
1982	375,243	141,582	394,170	(252,588)	-67.31%	-40.90%	-61.44%	-70.08%	-71.11%	-66.35%	-63.60%	-62.01%	-60.38%	-59.68%
1983	341,936	158,070	282,496	(124,426)	-36.39%	-62.57%	-39.52%	-55.82%	-64.13%	-65.94%	-62.45%	-60.41%	-59.24%	-57.98%
1984	318,512	305,507	349,803	(44,296)	-13.91%	-25.55%	-40.68%	-33.85%	-48.57%	-57.04%	-59.60%	-57.21%	-55.84%	-55.10%
1985	374,154	206,022	447,537	(241,515)	-64.55%	-41.26%	-39.65%	-47.01%	-40.19%	-51.27%	-58.11%	-60.22%	-58.04%	-56.74%
1986	287,274	174,066	382,817	(208,751)	-72.67%	-68.07%	-50.47%	-46.83%	-51.36%	-44.63%	-53.72%	-59.54%	-61.31%	-59.20%
1987	311,152	167,006	369,964	(202,958)	-65.23%	-68.80%	-67.16%	-54.03%	-50.33%	-53.51%	-47.29%	-54.99%	-60.09%	-61.65%
1988	303,333	218,902	360,992	(142,090)	-46.84%	-56.15%	-61.41%	-62.33%	-52.66%	-49.79%	-52.63%	-47.24%	-54.20%	-58.95%
1989	317,185	108,619	357,208	(248,589)	-78.37%	-62.96%	-63.72%	-65.83%	-56.93%	-56.93%	-53.81%	-55.74%	-50.50%	-56.43%
1990	363,158	276,239	337,830	(61,591)	-16.96%	-45.59%	-45.98%	-50.60%	-54.61%	-56.51%	-50.55%	-48.70%	-51.03%	-46.91%
1991	330,587	229,707	331,833	(102,126)	-30.89%	-23.60%	-40.78%	-42.18%	-46.59%	-50.51%	-52.81%	-48.05%	-46.70%	-49.03%
1992	339,603	47,509	409,498	(361,989)	-106.59%	-69.25%	-50.87%	-57.33%	-55.41%	-56.96%	-58.97%	-59.76%	-54.80%	-52.89%
1993	322,985	14,027	365,822	(351,795)	-108.92%	-107.73%	-82.15%	-64.70%	-67.29%	-64.15%	-64.30%	-65.23%	-65.14%	-60.15%
1994	300,586	25,875	345,031	(319,156)	-106.18%	-107.60%	-107.24%	-87.73%	-72.22%	-73.21%	-69.70%	-69.16%	-69.51%	-68.94%
1995	300,617	34,172	337,189	(303,017)	-100.80%	-103.49%	-105.39%	-105.71%	-90.20%	-76.61%	-76.86%	-73.32%	-72.45%	-72.47%
1996	435,457	38,479	349,321	(310,842)	-71.38%	-83.40%	-90.00%	-94.50%	-96.91%	-86.16%	-75.66%	-75.98%	-73.04%	-72.31%
1997	249,074	54,203	258,592	(204,389)	-82.06%	-75.27%	-83.06%	-88.46%	-92.57%	-95.01%	-85.71%	-76.26%	-76.49%	-73.73%
1998	524,311	79,562	419,657	(340,095)	-64.87%	-70.40%	-70.76%	-76.74%	-81.63%	-85.76%	-88.62%	-81.61%	-74.38%	-74.74%
1999	388,976	52,904	345,228	(292,324)	-75.15%	-69.25%	-71.99%	-71.83%	-76.41%	-80.48%	-84.12%	-86.79%	-81.00%	-74.46%
2000	461,222	27,061	357,227	(330,166)	-71.59%	-73.22%	-70.03%	-71.89%	-71.77%	-75.47%	-78.94%	-82.19%	-84.68%	-79.81%
2001	354,711	13,184	426,128	(412,944)	-116.42%	-91.07%	-85.93%	-79.55%	-79.86%	-78.53%	-80.82%	-83.35%	-87.74%	-87.74%
2002	249,468	19,893	259,969	(240,075)	-96.23%	-108.08%	-82.28%	-87.70%	-81.65%	-81.70%	-80.01%	-82.12%	-84.33%	-86.55%
2003	-	-	45,729	(45,729)	NA	-114.57%	-115.65%	-96.58%	-90.85%	-83.96%	-83.75%	-81.73%	-83.66%	-85.73%
2004	52,804	-	124,165	(124,165)	-235.14%	-321.75%	-135.63%	-125.26%	-103.12%	-95.90%	-87.89%	-87.25%	-84.71%	-86.31%
2005	144,545	-	285,411	(285,411)	-197.46%	-207.54%	-230.71%	-155.63%	-138.28%	-113.92%	-104.79%	-95.17%	-93.82%	-90.41%
2006	979,421	-	375,647	(375,647)	-38.35%	-58.81%	-66.73%	-70.61%	-75.09%	-83.32%	-80.91%	-80.06%	-77.53%	-77.87%
2007	81,302	-	1,336,427	(1,336,427)	-1643.77%	-161.41%	-165.73%	-168.64%	-172.28%	-159.69%	-151.45%	-135.60%	-126.93%	-116.88%
2008	1,633,914	-	617,067	(617,067)	-37.77%	-113.89%	-86.44%	-92.09%	-94.70%	-96.28%	-96.28%	-98.32%	-95.21%	-93.41%
2009	36,807	-	669,233	(669,233)	-1818.20%	-76.99%	-149.70%	-109.77%	-114.18%	-116.36%	-117.92%	-116.22%	-116.24%	-111.08%
2010	773,153	-	557,916	(557,916)	-72.16%	-151.51%	-75.46%	-125.96%	-101.47%	-105.28%	-107.13%	-108.36%	-107.60%	-108.33%
2011	909,949	-	574,424	(574,424)	-63.13%	-67.28%	-104.75%	-72.12%	-109.31%	-93.57%	-96.86%	-98.45%	-99.44%	-99.27%

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1955	15,561	-	-	0	0.00%									
1956	21,535	-	-	0	0.00%	0.00%								
1957	33,188	-	-	0	0.00%	0.00%	0.00%							
1958	35,437	-	-	0	0.00%	0.00%	0.00%	0.00%						
1959	39,164	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%					
1960	29,921	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
1961	37,698	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
1962	78,921	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
1963	63,080	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
1964	59,551	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1965	38,834	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1966	42,790	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1967	32,324	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1968	28,758	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1969	36,639	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1970	20,722	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1971	51,365	7,629	9,816	(2,187)	-4.26%	-3.03%	-2.01%	-1.59%	-1.29%	-1.03%	-0.87%	-0.70%	-0.58%	-0.48%
1972	21,618	6,241	4,505	1,736	8.03%	-0.62%	-0.48%	-0.35%	-0.28%	-0.24%	-0.19%	-0.17%	-0.14%	-0.11%
1973	12,215	1,842	5,016	(3,174)	-25.98%	-4.25%	-4.25%	-4.25%	-2.54%	-2.12%	-1.78%	-1.47%	-1.27%	-1.05%
1974	59,025	37,755	10,328	27,427	46.47%	34.04%	27.99%	16.50%	14.43%	11.81%	10.33%	9.06%	7.79%	6.91%
1975	37,490	14,128	6,717	7,411	19.77%	36.10%	29.12%	25.62%	17.18%	15.42%	13.06%	11.65%	10.40%	9.10%
1976	36,134	13,424	9,811	3,613	10.00%	14.97%	28.99%	24.35%	22.23%	15.99%	14.60%	12.65%	11.46%	10.36%
1977	42,703	9,697	9,683	14	0.03%	4.60%	9.49%	21.94%	18.82%	17.70%	13.37%	12.39%	10.96%	10.05%
1978	34,048	18,302	7,475	10,827	31.80%	14.12%	12.80%	14.54%	23.54%	20.81%	19.67%	15.50%	14.48%	12.98%
1979	52,347	12,078	9,932	2,146	4.10%	15.02%	10.06%	10.05%	11.84%	19.65%	17.62%	16.92%	13.78%	13.00%
1980	49,478	15,843	15,337	506	1.02%	2.60%	9.92%	7.56%	7.97%	9.72%	16.69%	15.08%	14.64%	12.19%
1981	98,858	15,858	18,490	(2,632)	-2.66%	-1.43%	-0.01%	-4.62%	3.91%	4.62%	6.23%	12.02%	10.93%	10.78%
1982	43,641	18,004	15,589	2,415	5.53%	-0.15%	0.15%	1.00%	4.76%	4.13%	4.73%	6.16%	11.40%	10.42%
1983	65,978	9,466	18,018	(8,552)	-12.96%	-5.60%	-4.21%	-3.20%	-1.97%	1.37%	1.22%	1.97%	3.42%	8.31%
1984	37,283	129,166	15,003	114,163	306.21%	102.28%	73.54%	42.88%	35.87%	31.08%	31.15%	28.02%	26.60%	26.09%
1985	65,036	169,810	21,408	148,402	228.18%	256.61%	150.93%	120.99%	81.66%	70.59%	62.15%	59.84%	54.62%	51.55%
1986	100,730	269,003	27,453	241,550	239.80%	235.24%	248.27%	184.21%	159.27%	120.37%	107.56%	97.01%	92.95%	86.23%
1987	38,717	154,076	19,941	134,135	346.45%	269.41%	256.30%	263.99%	204.62%	179.89%	139.81%	126.07%	114.50%	109.70%
1988	74,248	293,910	20,441	273,469	368.32%	360.82%	303.78%	286.14%	288.51%	236.44%	212.76%	172.16%	157.41%	144.59%
1989	169,392	59,375	21,720	37,655	127.70%	157.69%	179.28%	186.38%	186.38%	170.63%	158.52%	135.56%	126.60%	125.04%
1990	120,584	310,179	12,478	297,701	246.88%	115.65%	167.16%	184.38%	195.47%	199.21%	205.79%	184.31%	173.41%	152.04%
1991	131,823	271,154	8,896	262,258	198.95%	221.85%	141.68%	175.60%	187.97%	196.19%	199.16%	204.57%	186.71%	177.38%
1992	499,644	159,773	21,882	137,891	27.60%	63.37%	92.79%	79.82%	101.33%	110.51%	121.98%	127.74%	133.11%	125.72%
1993	255,702	127,189	13,467	113,722	44.47%	33.31%	57.92%	80.53%	72.14%	89.72%	97.42%	107.73%	113.11%	117.93%
1994	36,913	138,817	8,874	129,943	352.03%	83.27%	48.16%	69.67%	90.13%	80.65%	97.23%	104.50%	114.05%	119.02%
1995	83,862	168,189	15,740	152,449	181.79%	233.82%	105.22%	60.95%	79.00%	96.94%	87.19%	102.40%	109.10%	117.81%
1996	104,526	223,492	21,081	202,411	193.65%	188.37%	215.18%	124.43%	75.09%	89.77%	105.14%	95.12%	108.86%	114.93%
1997	79,911	333,743	25,611	308,132	385.59%	276.81%	247.11%	259.80%	161.64%	98.49%	109.60%	122.20%	110.78%	123.06%
1998	71,191	37,307	9,144	28,163	39.56%	222.56%	210.74%	205.59%	218.14%	147.89%	94.78%	105.65%	117.95%	107.52%
1999	90,394	81,695	13,289	68,406	75.68%	59.76%	167.58%	175.45%	176.69%	190.55%	138.86%	93.37%	103.65%	115.36%
2000	24,903	82,666	7,259	75,407	302.80%	124.73%	92.22%	180.22%	184.00%	183.60%	196.24%	144.32%	97.55%	107.25%
2001	43,576	567	6,891	(6,324)	-14.51%	100.88%	86.54%	72.00%	152.85%	163.13%	166.27%	179.08%	135.57%	93.77%
2002	250,811	0	2,994	(2,993)	-1.19%	-3.16%	20.70%	32.83%	33.83%	83.95%	101.19%	110.21%	121.56%	102.64%
2003	-	-	397	(397)	NA	-1.35%	-3.30%	20.57%	32.73%	33.74%	83.88%	101.13%	110.16%	121.51%
2004	19,082	-	29,045	(29,045)	-152.21%	-154.29%	-12.02%	-12.36%	10.83%	24.50%	26.65%	76.11%	94.06%	103.64%
2005	26,575	-	20,900	(20,900)	-78.64%	-109.39%	-110.26%	-17.99%	-17.54%	4.32%	18.48%	21.33%	69.33%	87.61%
2006	441,544	-	29,724	(29,724)	-6.73%	-10.81%	-16.35%	-16.43%	-11.25%	-11.44%	-1.73%	6.07%	8.53%	37.28%
2007	47,883	-	(16,799)	16,799	35.08%	-2.64%	-6.56%	-11.75%	-11.82%	-8.43%	-8.75%	0.33%	7.54%	9.78%
2008	192,597	-	50,960	(50,960)	-26.46%	-14.21%	-9.37%	-11.97%	-15.64%	-15.70%	-11.98%	-12.09%	-4.60%	1.78%
2009	94,303	-	22,993	(22,993)	-24.38%	-25.78%	-17.07%	-11.19%	-13.42%	-16.65%	-16.69%	-13.07%	-13.13%	-6.23%
2010	681,237	-	26,478	(26,478)	-3.89%	-6.38%	-10.37%	-8.23%	-7.78%	-9.05%	-10.86%	-9.50%	-9.50%	-9.62%
2011	2,711,802	-	40,934	(40,934)	-1.51%	-1.99%	-2.59%	-3.84%	-3.34%	-3.70%	-4.18%	-4.85%	-4.85%	-4.65%

NA - Not applicable

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

<b>Xcel Energy Electric Plant Distribution Meters Account 370 Amortized 2000-2011</b>														
<b>Transaction Year</b>	<b>Transactional History Retirements</b>	<b>Salvage</b>	<b>Removal Cost</b>	<b>Net Salvage</b>	<b>Net Salv. %</b>	<b>2- yr Net Salv. %</b>	<b>3- yr Net Salv. %</b>	<b>4- yr Net Salv. %</b>	<b>5- yr Net Salv. %</b>	<b>6- yr Net Salv. %</b>	<b>7- yr Net Salv. %</b>	<b>8- yr Net Salv. %</b>	<b>9- yr Net Salv. %</b>	<b>10- yr Net Salv. %</b>
2000	10,592,788	42,596	(30,318)	72,914	0.69%									
2001	3,182	85,129	14,809	70,320	2209.92%	1.35%								
2002		75,526	45	75,481	NA	4582.04%	2.06%							
2003		142,430	(1,881)	144,310	NA	NA	9117.24%	3.43%						
2004		441,331	238,090	203,240	NA	NA	NA	15504.41%	5.34%					
2005			236,717	(236,717)	NA	NA	NA	NA	8065.18%	3.11%				
2006	22,937,302		285,212	(285,212)	-1.24%	-2.28%	-1.39%	-0.76%	-0.43%	-0.12%				
2007	2,666,205		789,129	(789,129)	-29.60%	-4.20%	-5.12%	-4.33%	-3.76%	-3.47%	0.13%			
2008	3,503,616	-	-	0	0.00%	-12.79%	-3.69%	-4.50%	-3.81%	-3.31%	-3.19%	-2.06%		
2009	-	-	-	0	NA	0.00%	-12.79%	-3.69%	-4.50%	-3.81%	-3.31%	-3.05%	-2.81%	-1.88%
2010	-	2,583	493,066	(490,483)	NA	NA	-14.00%	-20.74%	-5.38%	-6.19%	-5.49%	-5.00%	-4.74%	-4.49%
2011	-	-	-	0	NA	NA	NA	-14.00%	-20.74%	-5.38%	-6.19%	-5.49%	-5.00%	-4.74%

<b>Xcel Energy Electric Plant Distribution Meters - Old Account 370 Amortized 2009-2011</b>							
<b>Transaction Year</b>	<b>Transactional History Retirements</b>	<b>Salvage</b>	<b>Removal Cost</b>	<b>Net Salvage</b>	<b>Net Salv. %</b>	<b>2- yr Net Salv. %</b>	<b>3- yr Net Salv. %</b>
2009	4,990,401 *			0	0.00%		
2010	6,616,114 *	-	-	0	0.00%	0.00%	
2011	3,451,141 *	-	-	0	0.00%	0.00%	0.00%

\* Includes Pro Forma 2012 Ret



Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant Distribution Street Lighting & Signal Systems Account 373 1955-2011														
Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
1955	45,282	13,024	8,558	4,466	9.86%									
1956	98,064	19,123	12,940	6,183	6.31%	7.43%								
1957	113,535	32,939	21,055	11,884	10.47%	8.54%	8.77%							
1958	97,968	28,008	19,741	8,267	8.44%	9.53%	8.51%	8.68%						
1959	104,720	15,232	19,566	(4,334)	-4.14%	1.94%	5.00%	5.31%	5.76%					
1960	112,863	21,037	26,653	(5,616)	-4.98%	-4.57%	-0.53%	2.38%	3.11%	3.64%				
1961	84,664	15,472	18,249	(2,777)	-3.28%	-4.25%	-4.21%	-1.11%	1.45%	2.22%	2.75%			
1962	108,867	18,231	18,231	(6,280)	-5.77%	-4.68%	-4.79%	-6.22%	-2.11%	1.02%	1.02%	1.54%		
1963	135,027	18,581	32,482	(13,901)	-10.29%	-8.27%	-6.99%	-6.47%	-6.03%	-3.83%	-1.68%	-0.77%	-0.23%	
1964	147,898	23,380	33,157	(9,777)	-6.61%	-8.37%	-7.65%	-6.87%	-6.51%	-6.15%	-4.35%	-2.49%	-1.63%	-1.13%
1965	198,411	24,400	40,946	(16,546)	-8.34%	-7.60%	-8.36%	-7.88%	-7.30%	-6.97%	-6.64%	-5.15%	-3.54%	-2.74%
1966	390,977	33,420	29,982	3,438	0.88%	-2.22%	-3.10%	-4.22%	-4.39%	-4.30%	-4.37%	-4.35%	-3.44%	-2.38%
1967	781,062	29,859	36,922	(7,063)	-0.90%	-0.31%	-1.47%	-1.97%	-2.65%	-2.84%	-2.86%	-2.99%	-3.04%	-2.52%
1968	832,357	36,970	39,968	(2,998)	-0.36%	-0.62%	-0.33%	-1.05%	-1.40%	-1.68%	-2.05%	-2.09%	-2.20%	-2.27%
1969	849,596	38,158	46,613	(8,455)	-1.30%	-0.77%	-0.82%	-0.57%	-1.11%	-1.38%	-1.76%	-1.90%	-1.93%	-2.03%
1970	582,796	39,239	48,774	(9,535)	-1.64%	-1.46%	-1.02%	-0.99%	-0.76%	-1.20%	-1.42%	-1.74%	-1.86%	-1.89%
1971	191,907	26,443	29,395	(2,952)	-1.54%	-1.61%	-1.47%	-1.06%	-1.02%	-0.80%	-1.22%	-1.43%	-1.73%	-1.84%
1972	153,187	29,621	27,405	2,216	1.45%	-0.21%	-1.11%	-1.19%	-0.90%	-0.90%	-0.71%	-1.11%	-1.32%	-1.61%
1973	139,929	30,069	24,328	5,741	4.10%	2.71%	1.03%	-0.42%	-0.76%	-0.63%	-0.69%	-0.53%	-0.92%	-1.13%
1974	210,094	97,205	33,006	64,199	30.56%	19.98%	14.34%	9.96%	4.67%	2.66%	1.75%	1.16%	1.13%	0.68%
1975	182,139	37,490	33,513	3,977	2.18%	17.38%	13.89%	11.11%	8.34%	4.36%	2.62%	1.77%	1.21%	1.18%
1976	234,657	55,269	48,488	6,781	2.89%	2.58%	11.96%	10.52%	9.01%	7.19%	4.16%	2.64%	1.86%	1.31%
1977	178,395	42,481	50,131	(7,650)	-4.29%	-0.21%	0.52%	8.36%	7.73%	6.85%	5.60%	3.35%	2.15%	1.53%
1978	198,377	61,339	58,076	3,263	1.64%	-1.16%	0.39%	0.80%	7.03%	6.67%	6.06%	5.08%	3.19%	2.12%
1979	177,221	91,713	66,899	(9,186)	-5.18%	-2.45%	-0.86%	-0.29%	5.20%	5.08%	4.70%	3.99%	2.53%	2.53%
1980	176,462	58,673	68,525	(9,852)	-5.58%	-5.38%	-2.86%	-3.21%	-1.72%	-1.10%	3.80%	3.83%	3.60%	3.07%
1981	148,300	53,533	77,910	(24,377)	-16.44%	-10.54%	-8.65%	-5.73%	-5.44%	-2.86%	1.80%	2.00%	2.00%	1.95%
1982	136,777	40,811	60,339	(19,528)	-14.28%	-15.40%	-11.65%	-9.85%	-7.13%	-6.63%	-4.84%	-3.95%	0.46%	0.75%
1983	118,008	31,606	52,320	(20,714)	-17.55%	-15.79%	-16.03%	-12.85%	-11.05%	-8.42%	-7.77%	-5.94%	-4.99%	-0.74%
1984	716,245	50,749	159,086	(108,337)	-15.13%	-15.47%	-15.30%	-15.45%	-14.11%	-13.03%	-11.29%	-10.62%	-9.10%	-8.19%
1985	1,387,873	34,400	259,605	(225,205)	-16.23%	-15.85%	-15.94%	-15.85%	-15.88%	-15.20%	-14.58%	-13.53%	-13.02%	-11.95%
1986	1,035,741	33,923	200,721	(166,798)	-16.10%	-16.17%	-15.94%	-15.99%	-15.92%	-15.95%	-15.45%	-14.99%	-14.18%	-13.77%
1987	1,333,674	25,756	199,503	(173,747)	-13.03%	-14.37%	-15.06%	-15.07%	-15.13%	-15.15%	-15.15%	-14.81%	-14.49%	-13.90%
1988	683,151	19,557	112,551	(92,994)	-13.61%	-13.23%	-14.20%	-14.84%	-14.88%	-14.94%	-14.92%	-14.96%	-14.67%	-14.39%
1989	275,407	30,142	61,300	(31,158)	-11.31%	-12.95%	-13.00%	-13.96%	-14.63%	-14.69%	-14.76%	-14.74%	-14.79%	-14.52%
1990	137,365	25,917	42,208	(16,291)	-11.86%	-11.50%	-12.82%	-12.93%	-13.88%	-14.55%	-14.62%	-14.69%	-14.68%	-14.72%
1991	148,600	17,776	48,019	(30,243)	-20.35%	-16.27%	-13.84%	-13.71%	-13.36%	-14.15%	-14.72%	-14.77%	-14.83%	-14.82%
1992	133,996	34,465	49,760	(15,295)	-11.41%	-16.11%	-14.72%	-13.37%	-13.49%	-13.26%	-14.05%	-14.64%	-14.70%	-14.75%
1993	128,840	27,467	59,703	(32,236)	-25.02%	-18.08%	-18.90%	-17.14%	-15.19%	-14.48%	-13.80%	-14.41%	-14.89%	-14.92%
1994	165,798	71,286	53,578	17,708	10.68%	-4.93%	-6.96%	-10.41%	-10.69%	-10.86%	-11.98%	-12.45%	-13.38%	-14.11%
1995	138,413	(24,541)	53,423	(77,964)	-56.33%	-19.81%	-21.36%	-19.01%	-19.29%	-18.09%	-16.44%	-15.37%	-14.38%	-14.81%
1996	110,953	28,296	55,590	(27,294)	-24.60%	-42.21%	-21.09%	-22.02%	-19.92%	-20.00%	-18.84%	-17.17%	-15.90%	-14.73%
1997	97,668	53,905	70,996	(17,091)	-17.50%	-21.28%	-35.26%	-20.40%	-21.33%	-19.62%	-19.74%	-18.72%	-17.19%	-15.98%
1998	176,142	34,429	92,376	(57,947)	-32.90%	-27.41%	-26.60%	-34.46%	-23.60%	-23.82%	-22.08%	-21.84%	-20.74%	-19.02%
1999	200,837	6,915	13,148	(6,233)	-3.10%	-17.02%	-17.12%	-18.54%	-25.76%	-18.97%	-19.74%	-18.77%	-18.95%	-18.27%
2000	258,392	17,517	13,006	4,511	1.75%	-0.37%	-9.39%	-10.47%	-12.33%	-18.53%	-14.31%	-15.39%	-15.01%	-15.52%
2001	327,424	19,419	138,277	(118,858)	-36.30%	-19.52%	-15.33%	-18.54%	-18.45%	-19.03%	-22.97%	-19.19%	-19.66%	-19.02%
2002	364,343	-	257,437	(257,437)	-70.66%	-54.40%	-39.13%	-32.84%	-32.85%	-31.80%	-31.28%	-33.35%	-29.38%	-29.10%
2003	133,071	-	(845)	845	0.64%	-51.59%	-45.52%	-34.24%	-29.37%	-29.80%	-29.03%	-28.73%	-30.85%	-27.36%
2004	370,266	-	24,804	(24,804)	-6.70%	-4.76%	-32.43%	-34.49%	-27.23%	-24.30%	-25.13%	-24.74%	-24.73%	-26.74%
2005	234,515	-	58,178	(58,178)	-24.81%	-13.72%	-11.13%	-30.81%	-32.07%	-26.89%	-24.36%	-25.09%	-24.75%	-24.74%
2006	4,732,477	-	296,301	(296,301)	-6.26%	-7.14%	-7.11%	-6.92%	-10.90%	-12.25%	-11.68%	-11.42%	-11.98%	-12.06%
2007	454,489	-	969,243	(969,243)	-213.28%	-24.40%	-24.42%	-23.28%	-22.75%	-25.52%	-26.06%	-25.01%	-24.39%	-24.60%
2008	495,677	-	258,771	(258,771)	-52.21%	-129.24%	-26.82%	-26.74%	-25.56%	-25.02%	-27.47%	-27.88%	-26.84%	-26.21%
2009	577,607	-	363,620	(363,620)	-62.95%	-57.99%	-104.18%	-30.16%	-29.96%	-28.71%	-28.15%	-30.26%	-30.51%	-29.46%
2010	611,057	-	397,877	(397,877)	-65.11%	-64.06%	-60.57%	-39.27%	-32.92%	-31.68%	-31.12%	-32.93%	-32.06%	-32.06%
2011	600,195	-	570,644	(570,644)	-95.08%	-79.96%	-74.47%	-69.64%	-93.47%	-38.23%	-37.82%	-36.40%	-35.80%	-37.28%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant General Structures & Improvements Account 390 1950-2011														
Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
1950	8,368	562	4,542	(3,980)	-47.56%									
1951	17,051	21	7,873	(7,852)	-46.05%	-46.55%								
1952	48,689	1,703	19,553	(17,850)	-36.66%	-39.10%	-40.05%							
1953	39,826	11,725	4,665	7,060	17.73%	-12.19%	-17.66%	-19.86%						
1954	170,321	21,151	16,302	4,849	2.85%	5.67%	-2.30%	-5.00%	-6.25%					
1955	15,097	1,360	20,247	(18,887)	-125.10%	-7.57%	-3.10%	-9.06%	-11.23%	-12.25%				
1956	19,329	2,974	2,005	969	5.01%	-52.05%	-6.38%	-2.46%	-8.14%	-10.22%	-11.20%			
1957	27,144	198	6,831	(6,633)	-24.44%	-12.19%	-39.87%	-8.50%	-4.65%	-9.52%	-11.36%	-12.24%		
1958	14,118	330	4,361	(4,031)	-28.55%	-25.84%	-16.00%	-37.76%	-9.65%	-5.83%	-10.32%	-12.05%	-12.88%	
1959	184,559	13,742	92,612	(78,870)	-42.73%	-41.73%	-39.65%	-36.13%	-41.29%	-23.83%	-20.31%	-21.84%	-22.61%	-23.00%
1960	38,326	5,016	4,632	394	1.00%	-35.21%	-34.82%	-33.75%	-31.11%	-35.86%	-21.80%	-18.71%	-20.27%	-21.04%
1961	3,018,865	801,784	239	801,545	26.55%	26.23%	22.30%	22.08%	21.70%	20.93%	20.33%	20.05%	20.02%	19.25%
1962	4,983	-	2,969	(2,969)	-59.58%	26.41%	26.09%	22.18%	21.98%	21.58%	21.48%	20.81%	19.94%	19.91%
1963	16,456	2,115	6,274	(4,159)	-25.21%	-33.25%	26.13%	25.82%	21.94%	21.72%	21.34%	21.25%	20.59%	19.73%
1964	58,623	1,219	5,201	(3,982)	-6.79%	-10.84%	-13.88%	25.51%	25.21%	21.43%	21.22%	20.85%	20.76%	20.11%
1965	138,600	10	840	(830)	-0.60%	-2.44%	-4.20%	-5.46%	-24.39%	24.12%	20.55%	20.35%	20.00%	19.92%
1966	9,482	57	1,297	(1,240)	-13.08%	-1.40%	-2.93%	-4.58%	-5.78%	24.28%	24.01%	20.46%	20.26%	19.91%
1967	3,590	42	507	(465)	-12.95%	-13.04%	-1.67%	-3.10%	-4.71%	-5.89%	24.24%	23.97%	20.42%	20.23%
1968	38,389	-	16,611	(16,611)	-43.27%	-40.68%	-35.59%	-10.07%	-9.30%	-10.29%	-11.20%	-23.45%	23.19%	19.73%
1969	4,894	28	10,469	(10,441)	-213.34%	-62.50%	-58.71%	-51.03%	-15.18%	-13.24%	-13.97%	-14.80%	23.10%	22.84%
1970	80,081	4	2,009	(2,005)	-2.50%	-14.65%	-23.55%	-23.25%	-22.55%	-11.49%	-10.66%	-11.35%	-12.03%	22.49%
1971	223,260	1,190	14,412	(13,222)	-5.92%	-5.02%	-8.33%	-12.20%	-12.21%	-12.23%	-8.99%	-8.76%	-9.24%	-9.67%
1972	9,972	92,338	2,730	89,608	898.60%	32.75%	23.74%	20.09%	13.27%	13.01%	12.34%	8.81%	7.20%	6.28%
1973	182,754	91,086	3,279	87,807	48.05%	92.06%	39.47%	32.69%	30.29%	25.06%	24.80%	24.15%	19.19%	17.16%
1974	19,416	(250)	2,019	(2,269)	-11.69%	42.31%	82.56%	37.19%	31.02%	28.72%	23.78%	23.54%	22.94%	18.35%
1975	48,158	1,141	4,161	(3,020)	-6.27%	-7.83%	32.96%	66.13%	32.86%	27.84%	25.76%	21.39%	21.19%	20.67%
1976	69,932	-	10,371	(10,371)	-14.83%	-11.34%	-11.39%	22.53%	48.98%	26.84%	23.13%	21.31%	17.65%	17.49%
1977	42,429	14,997	17,385	(2,388)	-5.63%	-11.36%	-9.83%	-10.03%	19.23%	42.76%	24.52%	21.32%	19.64%	16.28%
1978	186,485	75,155	3,055	72,100	38.66%	30.45%	19.86%	16.23%	14.75%	25.83%	41.40%	27.89%	25.07%	23.73%
1979	29,138	1,986	2,767	(781)	-2.68%	33.08%	26.71%	17.85%	14.77%	13.47%	24.39%	39.21%	26.80%	24.16%
1980	6,370	-	7,709	(7,709)	-121.02%	-23.91%	28.65%	23.15%	15.21%	12.50%	11.34%	22.81%	37.50%	25.65%
1981	173,834	111,604	18,817	92,787	53.38%	47.21%	40.27%	39.51%	35.14%	28.26%	25.28%	24.03%	29.82%	41.09%
1982	14,412	761	42,927	(42,166)	-292.58%	26.89%	22.05%	18.83%	27.84%	24.71%	19.42%	17.25%	16.30%	23.80%
1983	98,647	84,795	18,951	65,844	66.75%	20.94%	40.60%	37.08%	33.49%	35.39%	32.23%	26.93%	24.54%	23.52%
1984	54,190	-	156,565	(156,565)	-288.92%	-59.36%	-79.45%	-79.45%	-11.76%	-13.76%	-12.90%	4.18%	3.49%	1.07%
1985	57,917	29,112	31,629	(2,517)	-4.35%	-141.90%	-44.24%	-60.14%	-10.68%	-12.41%	-11.76%	3.38%	2.80%	1.12%
1986	52,461	175	51,635	(51,460)	-98.09%	-48.90%	-127.94%	-54.97%	-67.31%	-20.84%	-22.23%	-21.06%	-4.52%	-4.59%
1987	143,639	19	24,340	(24,321)	-16.93%	-38.64%	-30.82%	-76.20%	-41.54%	-50.13%	-19.90%	-20.97%	-20.12%	-6.71%
1988	56,321	3,758	19,941	(16,183)	-28.73%	-20.26%	-36.43%	-30.44%	-68.87%	-39.99%	-47.61%	-20.66%	-21.63%	-20.83%
1989	88,645	-	8,541	(8,541)	-9.64%	-17.06%	-16.99%	-29.47%	-25.82%	-57.28%	-35.11%	-41.66%	-19.34%	-20.21%
1990	380,465	341,363	49,050	292,313	76.83%	60.49%	50.93%	36.36%	26.58%	24.29%	3.93%	10.57%	5.96%	13.31%
1991	97,856	(1,666)	27,014	(28,680)	-29.31%	55.12%	44.99%	38.33%	27.98%	19.91%	18.31%	0.43%	6.78%	2.65%
1992	28,292	8,252	562	7,690	27.18%	-16.64%	53.56%	44.15%	37.85%	27.95%	20.15%	18.58%	1.22%	7.33%
1993	3,657	500	139,211	(138,711)	-3793.03%	-410.09%	-123.03%	25.99%	20.72%	16.47%	10.46%	3.77%	3.25%	-13.18%
1994	27,352	(140)	1,474	(1,614)	-5.90%	-452.53%	-223.66%	-102.65%	24.37%	19.55%	15.57%	9.92%	3.47%	2.99%
1995	2,121,264	181,208	118,450	62,758	2.85%	3.80%	-3.20%	-4.33%	7.29%	6.74%	6.03%	4.91%	3.11%	
1996	100,921	1,353,834	-	1,353,834	1341.48%	63.75%	62.90%	56.64%	56.28%	52.76%	56.08%	54.03%	52.43%	49.16%
1997	47,802	-	-	0	0.00%	910.31%	62.41%	61.59%	55.47%	55.12%	51.72%	55.12%	53.14%	51.58%
1998	436,461	(33,522)	-	(33,522)	-7.68%	-6.92%	225.62%	51.10%	50.53%	45.40%	45.21%	42.66%	46.67%	45.17%
1999	11,020	(5,000)	-	(5,000)	-45.37%	-8.61%	-7.78%	220.61%	50.71%	50.15%	45.03%	44.85%	42.33%	46.36%
2000	183,259	(89,376)	-	(89,376)	-48.77%	-48.58%	-20.28%	-18.85%	157.28%	44.43%	43.96%	39.17%	39.06%	36.87%
2001	7,625	-	19,756	(19,756)	-259.09%	-57.17%	-56.53%	-23.13%	-21.52%	153.25%	43.63%	43.17%	38.40%	38.29%
2002	-	-	-	0	NA	-259.09%	-57.17%	-56.53%	-23.13%	-21.52%	153.25%	43.63%	43.17%	38.40%
2003	-	-	-	0	NA	-259.09%	-57.17%	-56.53%	-23.13%	-21.52%	153.25%	43.63%	43.17%	38.40%
2004	-	-	-	0	NA	NA	NA	-259.09%	-57.17%	-56.53%	-23.13%	-21.52%	153.25%	43.63%
2005	13,252	-	-	0	0.00%	0.00%	0.00%	0.00%	-94.63%	-53.46%	-53.05%	-22.66%	-21.11%	150.71%
2006	75,451	-	37,835	(37,835)	-50.15%	-42.65%	-42.65%	-42.65%	-42.65%	-59.79%	-52.57%	-52.29%	-25.51%	-23.94%
2007	370,702	-	101,088	(101,088)	-27.27%	-31.14%	-30.24%	-30.24%	-30.24%	-33.98%	-38.15%	-38.27%	-38.27%	-26.11%
2008	108,034	-	14,085	(14,085)	-13.04%	-24.06%	-27.61%	-26.96%	-26.96%	-26.96%	-26.96%	-30.04%	-34.57%	-34.72%
2009	-	-	-	0	NA	-13.04%	-24.06%	-27.61%	-26.96%	-26.96%	-26.96%	-30.04%	-34.57%	-34.72%
2010	60,021	9,266	101	9,166	15.27%	15.27%	-2.93%	-19.68%	-23.42%	-22.92%	-22.92%	-22.92%	-22.92%	-25.76%
2011	226,373	-	276,268	(276,268)	-122.04%	-93.26%	-93.26%	-71.29%	-49.96%	-49.98%	-49.20%	-49.20%	-49.20%	-49.20%

NA - Not applicable

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
 General Office Furniture & Equipment  
 Account 391  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA									
2002	-			0	NA									
2003	102,809			0	0.00%	0.00%	0.00%	0.00%						
2004	173,148			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	878,542			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	6,886			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	44,975			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	2,279,663	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Xcel Energy Electric Plant  
 General Network Equipment  
 Account 391  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA									
2002	-			0	NA									
2003	16,391,725			0	0.00%	0.00%	0.00%	0.00%						
2004	3,665,195			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	3,406,259			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	1,371,227			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	2,157,135			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	317,956			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	141,404			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	5,220,532	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
 General Transportation Equipment - Automobiles  
 Account 392  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA									
2002	-			0	NA									
2003	-			0	NA									
2004	-			0	NA									
2005	-			0	NA									
2006	-			0	NA									
2007	-			0	NA									
2008	-			0	NA									
2009	-			0	NA									
2010	-	-	-	0	NA									NA
2011	-	-	-	0	NA									NA

Xcel Energy Electric Plant  
 General Transportation Equipment - Light Trucks  
 Account 392  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA									
2002	-			0	NA									
2003	-			0	NA									
2004	288,226			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	37,508		(5,114)	5,114	13.63%	13.63%	13.63%	13.63%	13.63%	13.63%	1.57%			
2007	-			0	NA	13.63%	13.63%	13.63%	13.63%	13.63%	1.57%	1.57%		
2008	-			0	NA	13.63%	13.63%	13.63%	13.63%	13.63%	1.57%	1.57%	1.57%	
2009	-			0	NA	13.63%	13.63%	13.63%	13.63%	13.63%	1.57%	1.57%	1.57%	1.57%
2010	-	-	-	0	NA	13.63%	13.63%	13.63%	13.63%	13.63%	1.57%	1.57%	1.57%	1.57%
2011	-	-	-	0	NA	13.63%	13.63%	13.63%	13.63%	13.63%	1.57%	1.57%	1.57%	1.57%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
 General Transportation Equipment - Trailers  
 Account 392  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA									
2002	-			0	NA									
2003	-			0	NA									
2004	795,516			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	10,448			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	17,000		(2,948)	2,948	17.34%	10.74%	0.36%	0.36%	0.36%	0.36%	0.36%			
2007	-			0	NA	17.34%	10.74%	0.36%	0.36%	0.36%		0.36%		
2008	-			0	NA	17.34%	10.74%	0.36%	0.36%	0.36%		0.36%		
2009	347,741		50	(50)	-0.01%	-0.01%	-0.01%	0.79%	0.77%	0.25%	0.25%	0.25%	0.25%	0.25%
2010	-	-	-	0	NA	-0.01%	-0.01%	-0.01%	0.79%	0.77%	0.25%	0.25%	0.25%	0.25%
2011	-	-	-	0	NA	NA	-0.01%	-0.01%	-0.01%	0.79%	0.77%	0.25%	0.25%	0.25%

Xcel Energy Electric Plant  
 General Transportation Equipment - Heavy Trucks  
 Account 392  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA									
2002	-			0	NA									
2003	-			0	NA									
2004	11,702,759			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	-			0	NA	0.00%	0.00%	0.00%	0.00%					
2006	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
2007	-			0	NA	0.00%	0.00%	0.00%	0.00%		0.00%			
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%		
2009	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%		0.00%
2010	-	-	1,396	(1,396)	NA	NA	NA	NA	NA	NA	-0.01%	-0.01%	-0.01%	-0.01%
2011	-	-	1,318	(1,318)	NA	NA	NA	NA	NA	NA	NA	-0.02%	-0.02%	-0.02%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
 General Stores Equipment  
 Account 393  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	2,370			0	0.00%	0.00%	0.00%							
2003	262,619			0	0.00%	0.00%	0.00%	0.00%						
2004	122,766			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	-			0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	312,985			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	-			0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	707,060	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Xcel Energy Electric Plant  
 General Tools, Shop & Garage Equipment  
 Account 394  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	959,246			0	0.00%	0.00%	0.00%							
2003	592,001			0	0.00%	0.00%	0.00%	0.00%						
2004	1,441,978			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	1,768,422			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	20,819		(5)	5	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	7,705,069			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	2,283,581		1,050	(1,050)	-0.05%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%
2009	5,215,159		(0)	0	0.00%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%
2010	-	-	-	0	NA	0.00%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%
2011	2,914,764	-	11,284	(11,284)	-0.39%	-0.39%	-0.14%	-0.12%	-0.07%	-0.07%	-0.06%	-0.06%	-0.06%	-0.05%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
 General Laboratory Equipment  
 Account 395  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	2,490,202			0	0.00%	0.00%	0.00%							
2003	1,818,219			0	0.00%	0.00%	0.00%	0.00%						
2004	1,449,240			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	236,767			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	637,170			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	566,020			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	601,436			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	372,410			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	1,341,983	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
 General Power Operated Equipment  
 Account 396  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	1,757,950			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	-			0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	-			0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	3,419			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%



Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
 General Communication Equipment  
 Account 397  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
2000	-			0	NA									
2001	1,725			0	0.00%	0.00%								
2002	3,048,699			0	0.00%	0.00%	0.00%							
2003	4,493,608			0	0.00%	0.00%	0.00%	0.00%						
2004	-			0	NA	0.00%	0.00%	0.00%	0.00%					
2005	1,250,459			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	1,034,055			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	154,493			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	307,626			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	268,137			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	1,333	-	6,635	(6,635)	-497.63%	-497.63%	-2.46%	-1.15%	-0.91%	-0.38%	-0.22%	-0.22%	-0.09%	-0.06%

Xcel Energy Electric Plant  
 General Communication Equipment - AES  
 Account 397  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	-			0	NA	NA	NA	NA	NA					
2005	-			0	NA	NA	NA	NA	NA	NA				
2006	-			0	NA	NA	NA	NA	NA	NA	NA			
2007	-			0	NA	NA	NA	NA	NA	NA	NA	NA		
2008	-			0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2009	-			0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Xcel Energy Electric Plant  
 General Communication Equipment - EMS  
 Account 397  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	-			0	NA	NA	NA	NA	NA					
2005	-			0	NA	NA	NA	NA	NA	NA				
2006	-			0	NA	NA	NA	NA	NA	NA	NA			
2007	-			0	NA	NA	NA	NA	NA	NA	NA	NA		
2008	-			0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2009	-			0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	-	-	2,943	(2,943)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Electric Plant  
 General Miscellaneous Equipment  
 Account 398  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	265,784			0	0.00%	0.00%	0.00%							
2003	-			0	NA	0.00%	0.00%	0.00%						
2004	5,643			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	27,038			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	22,629			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	4,327			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	84,227			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	58,129			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
Transmission Structures & Improvements  
Account 366  
1950-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
1950	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1958	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1959	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1960	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1961	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1962	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1963	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1964	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1965	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1966	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1967	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1968	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1969	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1970	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1971	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1972	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1973	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1974	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1975	1,659	180	21	159	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%
1976	-	-	-	0	NA	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%
1977	-	-	-	0	NA	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%	9.58%
1978	6,622	-	-	0	0.00%	0.00%	0.00%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%
1979	19,847	2,375	10,784	(8,409)	-42.37%	-31.77%	-31.77%	-31.77%	-29.33%	-29.33%	-29.33%	-29.33%	-29.33%	-29.33%
1980	149	-	2,010	(2,010)	-1348.99%	-52.11%	-39.14%	-39.14%	-39.14%	-36.28%	-36.28%	-36.28%	-36.28%	-36.28%
1981	-	-	-	0	NA	-1348.99%	-52.11%	-39.14%	-39.14%	-36.28%	-36.28%	-36.28%	-36.28%	-36.28%
1982	-	-	-	0	NA	NA	-1348.99%	-52.11%	-39.14%	-39.14%	-36.28%	-36.28%	-36.28%	-36.28%
1983	-	-	-	0	NA	NA	NA	-52.11%	-39.14%	-39.14%	-36.28%	-36.28%	-36.28%	-36.28%
1984	-	-	-	0	NA	NA	NA	NA	-1348.99%	-52.11%	-39.14%	-39.14%	-39.14%	-36.28%
1985	-	-	73	(73)	NA	NA	NA	NA	NA	-1397.99%	-52.47%	-39.42%	-39.42%	-39.42%
1986	-	-	-	0	NA	NA	NA	NA	NA	NA	-1397.99%	-52.47%	-39.42%	-39.42%
1987	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	-1397.99%	-52.47%	-39.42%
1988	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	-1397.99%	-52.47%
1989	20,340	-	-	0	0.00%	0.00%	0.00%	0.00%	-0.36%	-0.36%	-0.36%	-0.36%	-0.36%	-10.17%
1990	-	13,140	-	13,140	NA	64.60%	64.60%	64.60%	64.60%	64.24%	64.24%	64.24%	64.24%	64.24%
1991	-	-	-	0	NA	64.60%	64.60%	64.60%	64.60%	64.24%	64.24%	64.24%	64.24%	64.24%
1992	2,145	-	2,101	(2,101)	-97.95%	-97.95%	514.64%	49.09%	49.09%	49.09%	49.09%	48.77%	48.77%	48.77%
1993	-	-	-	0	NA	-97.95%	514.64%	49.09%	49.09%	49.09%	49.09%	48.09%	48.77%	48.77%
1994	-	-	-	0	NA	NA	-97.95%	-97.95%	514.64%	49.09%	49.09%	49.09%	49.09%	48.77%
1995	560	-	-	0	0.00%	0.00%	0.00%	-77.67%	-77.67%	408.10%	47.90%	47.90%	47.90%	47.90%
1996	-	-	-	0	NA	0.00%	0.00%	0.00%	-77.67%	-77.67%	408.10%	47.90%	47.90%	47.90%
1997	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	-77.67%	-77.67%	408.10%	47.90%	47.90%
1998	5,402	-	264	(264)	-4.89%	-4.89%	-4.89%	-4.43%	-4.43%	-4.43%	-29.17%	-29.17%	132.91%	37.88%
1999	-	-	-	0	NA	-4.89%	-4.89%	-4.89%	-4.43%	-4.43%	-29.17%	-29.17%	132.91%	37.88%
2000	-	(3,674)	-	(3,674)	NA	NA	-72.90%	-72.90%	-72.90%	-66.05%	-66.05%	-66.05%	-74.49%	-74.49%
2001	-	-	-	0	NA	NA	NA	-72.90%	-72.90%	-66.05%	-66.05%	-66.05%	-66.05%	-74.49%
2002	-	-	-	0	NA	NA	NA	-72.90%	-72.90%	-66.05%	-66.05%	-66.05%	-66.05%	-74.49%
2003	1,757	-	-	0	0.00%	0.00%	0.00%	-209.16%	-209.16%	-55.01%	-55.01%	-55.01%	-51.02%	-51.02%
2004	-	-	-	0	NA	0.00%	0.00%	0.00%	-209.16%	-209.16%	-55.01%	-55.01%	-55.01%	-51.02%
2005	-	-	-	0	NA	NA	0.00%	0.00%	-209.16%	-209.16%	-55.01%	-55.01%	-55.01%	-55.01%
2006	22,284	-	3,885	(3,885)	-17.43%	-17.43%	-17.43%	-16.16%	-16.16%	-31.44%	-31.44%	-26.57%	-26.57%	-26.57%
2007	11,909	-	-	0	0.00%	-11.36%	-11.36%	-11.36%	-10.81%	-10.81%	-10.81%	-21.03%	-21.03%	-18.92%
2008	-	-	-	0	NA	0.00%	-11.36%	-11.36%	-10.81%	-10.81%	-10.81%	-21.03%	-21.03%	-21.03%
2009	-	-	-	0	NA	NA	0.00%	-11.36%	-11.36%	-10.81%	-10.81%	-10.81%	-10.81%	-21.03%
2010	-	-	-	0	NA	NA	NA	-11.36%	-11.36%	-10.81%	-10.81%	-10.81%	-10.81%	-10.81%
2011	-	-	-	0	NA	NA	NA	NA	0.00%	-11.36%	-11.36%	-11.36%	-10.81%	-10.81%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
 Transmission Mains  
 Account 367  
 1950-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
1950	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1958	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1959	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1960	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1961	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1962	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1963	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1964	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1965	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1966	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1967	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1968	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1969	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1970	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1971	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1972	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1973	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1974	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1975	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1976	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1977	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1978	2,200	-	2,379	(2,379)	-108.14%	-108.14%	-108.14%	-108.14%	-108.14%	-108.14%	-108.14%	-108.14%	-108.14%	-108.14%
1979	9,171	6,759	-	6,759	73.70%	38.52%	38.52%	38.52%	38.52%	38.52%	38.52%	38.52%	38.52%	38.52%
1980	19,112	-	-	0	0.00%	23.90%	14.37%	14.37%	14.37%	14.37%	14.37%	14.37%	14.37%	14.37%
1981	95,035	540,123	-	540,123	568.34%	473.18%	443.47%	433.80%	433.80%	433.80%	433.80%	433.80%	433.80%	433.80%
1982	1,774	-	3,875	(3,875)	-218.43%	553.92%	462.60%	434.09%	424.71%	424.71%	424.71%	424.71%	424.71%	424.71%
1983	-	62,960	-	62,960	NA	3330.61%	618.96%	516.91%	484.42%	474.18%	474.18%	474.18%	474.18%	474.18%
1984	-	232,019	3,852	228,167	NA	348.38%	16192.33%	854.65%	713.74%	666.82%	653.42%	653.42%	653.42%	653.42%
1985	44,484	149,522	8,449	141,073	317.13%	830.05%	971.59%	925.95%	685.42%	603.75%	575.09%	566.34%	566.34%	566.34%
1986	-	21,041	7,139	13,902	NA	348.38%	861.30%	1002.84%	956.00%	695.26%	612.42%	583.28%	574.43%	574.43%
1987	2,488	309,491	1,243	308,248	12389.39%	12948.15%	986.17%	1471.92%	1605.96%	1539.56%	897.61%	792.30%	754.00%	743.11%
1988	-	570	-	570	NA	12412.30%	12971.06%	987.38%	1473.13%	1607.17%	1540.73%	898.01%	792.65%	792.65%
1989	-	-	-	0	NA	NA	12412.30%	12971.06%	987.38%	1473.13%	1607.17%	1540.73%	898.01%	792.65%
1990	-	-	3,799	(3,799)	NA	NA	NA	12259.61%	12818.37%	979.29%	1465.05%	1599.08%	1532.94%	895.37%
1991	182,624	192,281	40,932	151,349	82.87%	80.79%	80.79%	81.11%	246.54%	254.05%	266.27%	365.65%	393.07%	388.38%
1992	292,293	-	29,780	(29,780)	-10.19%	25.60%	24.80%	24.80%	24.92%	89.36%	92.27%	111.43%	167.22%	167.22%
1993	-	155,991	-	204	NA	43.11%	58.40%	57.60%	57.60%	57.72%	121.99%	124.90%	141.28%	185.00%
1994	425,292	-	36,927	(36,927)	-8.68%	27.95%	12.41%	26.71%	26.29%	26.35%	60.42%	61.96%	73.95%	73.95%
1995	-	(155,991)	3,540	(159,531)	NA	-46.19%	-9.52%	-9.82%	8.56%	8.56%	8.56%	8.56%	42.29%	44.29%
1996	-	347,925	12,909	335,016	NA	NA	32.58%	69.21%	36.87%	46.20%	45.78%	45.78%	45.84%	79.86%
1997	20,566	83,015	-	83,015	403.65%	2032.63%	1256.93%	49.70%	84.64%	47.09%	54.19%	53.77%	53.77%	53.84%
1998	-	-	-	0	NA	403.65%	2032.63%	1256.93%	49.70%	84.64%	47.09%	54.19%	53.77%	53.77%
1999	-	-	-	0	NA	403.65%	2032.63%	1256.93%	49.70%	84.64%	47.09%	54.19%	53.77%	53.77%
2000	9,809	(22,780)	(81,140)	58,360	594.96%	594.96%	594.96%	465.43%	1568.37%	1043.16%	61.43%	95.62%	54.27%	59.89%
2001	24,255	-	15,956	(15,956)	-65.78%	124.48%	124.48%	124.48%	229.58%	842.82%	550.80%	55.00%	87.47%	50.50%
2002	-	-	-	0	NA	-65.78%	124.48%	124.48%	124.48%	229.58%	842.82%	550.80%	55.00%	87.47%
2003	37,754	-	-	0	0.00%	-25.73%	59.04%	59.04%	59.04%	135.76%	498.40%	50.99%	50.99%	50.99%
2004	-	-	-	0	NA	0.00%	0.00%	-25.73%	59.04%	59.04%	59.04%	135.76%	498.40%	325.71%
2005	346,129	-	-	0	0.00%	0.00%	0.00%	-3.91%	10.15%	10.15%	10.15%	10.15%	28.60%	105.00%
2006	30,760	13,106	22,402	(9,296)	-30.22%	-2.47%	-2.47%	-2.24%	-2.24%	-5.75%	7.38%	7.38%	7.38%	24.75%
2007	118,421	52,698	7,628	45,070	38.06%	23.98%	7.22%	7.22%	6.71%	6.71%	3.56%	13.78%	13.78%	13.78%
2008	-	-	-	0	NA	38.06%	23.98%	7.22%	7.22%	6.71%	6.71%	3.56%	13.78%	13.78%
2009	-	-	-	0	NA	38.06%	23.98%	7.22%	7.22%	6.71%	6.71%	3.56%	13.78%	13.78%
2010	-	-	-	0	NA	38.06%	23.98%	7.22%	7.22%	6.71%	6.71%	3.56%	13.78%	13.78%
2011	670,110	-	228,915	(228,915)	-34.16%	-34.16%	-34.16%	-34.16%	-23.31%	-23.57%	-16.57%	-16.57%	-16.05%	-16.05%

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1950	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1958	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1959	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1960	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1961	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1962	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1963	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1964	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1965	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1966	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1967	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1968	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1969	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1970	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1971	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1972	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1973	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1974	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1975	5,418	635	73	562	10.37%	10.37%	10.37%	10.37%	10.37%	10.37%	10.37%	10.37%	10.37%	10.37%
1976	-	-	505	(505)	NA	1.05%	1.05%	1.05%	1.05%	1.05%	1.05%	1.05%	1.05%	1.05%
1977	3,885	-	-	0	0.00%	-13.00%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%
1978	33,212	674	352	322	0.97%	0.97%	-0.49%	0.89%	0.89%	0.89%	0.89%	0.89%	0.89%	0.89%
1979	101,335	17,943	20,118	(2,175)	-2.15%	-1.38%	-1.34%	-1.70%	-1.25%	-1.25%	-1.25%	-1.25%	-1.25%	-1.25%
1980	111,297	2,427	1,062	1,365	1.23%	-0.38%	-0.20%	-0.20%	-0.40%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%
1981	180,953	24,666	7,336	17,330	9.58%	6.40%	4.20%	3.95%	3.91%	3.79%	3.88%	3.88%	3.88%	3.88%
1982	31,495	-	1,486	(1,486)	-4.72%	7.46%	5.32%	3.54%	3.35%	3.32%	3.21%	3.30%	3.30%	3.30%
1983	3,775	(38)	1,670	(1,708)	-45.25%	-9.06%	6.54%	4.73%	3.11%	2.95%	2.93%	2.82%	2.91%	2.91%
1984	52,154	-	1,533	(1,533)	-2.94%	-5.79%	-5.41%	4.70%	3.68%	2.45%	2.36%	2.34%	2.24%	2.33%
1985	-	-	513	(513)	NA	-3.92%	-6.71%	-5.99%	4.50%	3.54%	2.35%	2.26%	2.24%	2.14%
1986	-	-	-	0	NA	-3.92%	-6.71%	-5.99%	4.50%	3.54%	2.35%	2.26%	2.24%	2.14%
1987	-	-	-	0	NA	NA	NA	-3.92%	-6.71%	-5.99%	4.50%	3.54%	2.35%	2.26%
1988	5,170	-	-	0	0.00%	0.00%	0.00%	-9.92%	-3.57%	-6.14%	-5.66%	4.42%	3.50%	2.32%
1989	107,274	-	-	0	0.00%	0.00%	0.00%	0.00%	-0.46%	-1.24%	-2.23%	-2.62%	3.17%	2.73%
1990	3,574	69,016	-	69,016	1931.06%	62.26%	59.49%	59.49%	59.49%	59.05%	39.82%	37.95%	31.35%	21.10%
1991	9,712	-	1,855	(1,855)	-19.10%	505.50%	55.71%	53.42%	53.42%	53.42%	53.01%	36.61%	34.90%	29.05%
1992	9,661	-	(580)	580	6.00%	-6.58%	295.21%	52.02%	50.03%	50.03%	50.03%	49.65%	35.03%	33.45%
1993	8,740	-	-	0	0.00%	3.15%	-4.54%	213.78%	48.75%	47.00%	47.00%	47.00%	46.64%	33.47%
1994	421,740	3,512	-	3,512	0.83%	0.82%	0.93%	0.50%	15.71%	12.71%	12.59%	12.59%	12.59%	12.50%
1995	14,488	-	1,266	(1,266)	-8.74%	0.51%	0.62%	0.62%	0.21%	14.96%	12.06%	12.06%	12.06%	12.06%
1996	1,829	-	-	0	0.00%	-7.76%	0.51%	0.50%	0.62%	0.21%	14.90%	12.13%	12.02%	12.02%
1997	129,294	5,260	-	5,260	4.07%	4.01%	2.74%	1.32%	1.38%	1.05%	1.05%	1.05%	10.58%	10.58%
1998	159,608	-	5,403	(5,403)	-3.39%	-0.05%	-0.05%	-0.46%	0.29%	0.29%	0.36%	0.11%	9.21%	8.07%
1999	13,276	-	3,147	(3,147)	-23.70%	-4.95%	-1.09%	-1.08%	-1.43%	-0.14%	-0.14%	-0.06%	-0.30%	8.64%
2000	10,740	(17,609)	34,025	(51,634)	-480.76%	-228.10%	-32.78%	-17.55%	-17.45%	-17.07%	-7.01%	-6.93%	-6.77%	-6.93%
2001	-	-	-	0	NA	-480.76%	-32.78%	-17.55%	-17.45%	-17.07%	-7.01%	-6.93%	-6.77%	-6.93%
2002	-	-	-	0	NA	NA	-480.76%	-228.10%	-32.78%	-17.55%	-17.45%	-17.07%	-7.01%	-6.93%
2003	2,275	-	-	0	0.00%	0.00%	-396.72%	-32.37%	-208.36%	-32.37%	-17.43%	-17.32%	-16.95%	-6.99%
2004	-	-	-	0	NA	0.00%	0.00%	0.00%	-396.72%	-208.36%	-32.37%	-17.43%	-17.32%	-16.95%
2005	1,361	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	-359.16%	-198.11%	-32.14%	-17.35%	-17.25%
2006	130,031	-	71,892	(71,892)	-55.29%	-54.72%	-54.72%	-53.78%	-53.78%	-53.78%	-85.54%	-80.33%	-41.63%	-28.40%
2007	23,421	-	34,658	(34,658)	-147.98%	-69.44%	-68.82%	-68.82%	-67.83%	-67.83%	-94.25%	-94.25%	-89.08%	-48.94%
2008	-	-	-	0	NA	-147.98%	-69.44%	-68.82%	-68.82%	-67.83%	-67.83%	-67.83%	-94.25%	-89.08%
2009	131,357	-	3,056	(3,056)	-2.33%	-24.37%	-24.37%	-38.48%	-38.30%	-38.30%	-38.00%	-38.00%	-38.00%	-53.89%
2010	12,800	-	-	0	0.00%	-2.12%	-2.12%	-22.51%	-36.83%	-36.66%	-36.66%	-36.38%	-36.38%	-36.38%
2011	56,895	-	49,228	(49,228)	-86.52%	-70.63%	-26.01%	-26.01%	-38.73%	-44.80%	-44.63%	-44.63%	-44.35%	-44.35%

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Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
1950	-	100	2,048	(1,948)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	-	-	100	(100)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	-	-	21	(21)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	-	1	2	(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	-	184	683	(499)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1958	-	-	43	(43)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1959	-	325	860	(535)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1960	-	74	151	(77)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1961	-	250	147	103	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1962	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1963	-	10	115	(105)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1964	-	-	10	(10)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1965	-	-	315	(315)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1966	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1967	-	-	5	(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1968	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1969	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1970	-	-	165	(165)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1971	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1972	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1973	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1974	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1975	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1976	-	250	-	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1977	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1978	-	400	-	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1979	-	3,947	2,686	1,261	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1980	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1981	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1982	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1983	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1984	918	-	919	(919)	-100.11%	-100.11%	-100.11%	-100.11%	-100.11%	37.25%	80.83%	80.83%	108.06%	108.06%
1985	106	436	-	436	411.32%	-47.17%	-47.17%	-47.17%	-47.17%	-47.17%	75.98%	115.04%	115.04%	139.45%
1986	-	-	-	0	NA	411.32%	-47.17%	-47.17%	-47.17%	-47.17%	-47.17%	75.98%	115.04%	115.04%
1987	-	-	-	0	NA	NA	411.32%	-47.17%	-47.17%	-47.17%	-47.17%	-47.17%	75.98%	115.04%
1988	-	-	-	0	NA	NA	NA	411.32%	-47.17%	-47.17%	-47.17%	-47.17%	-47.17%	75.98%
1989	-	-	-	0	NA	NA	NA	NA	411.32%	-47.17%	-47.17%	-47.17%	-47.17%	-47.17%
1990	-	-	-	0	NA	NA	NA	NA	NA	411.32%	-47.17%	-47.17%	-47.17%	-47.17%
1991	435	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.59%	-33.10%	-33.10%	-33.10%
1992	8,491	-	117	(117)	-1.38%	-1.31%	-1.31%	-1.31%	-1.31%	-1.31%	-1.31%	3.53%	-6.03%	-6.03%
1993	-	-	-	0	NA	-1.38%	-1.31%	-1.31%	-1.31%	-1.31%	-1.31%	-1.31%	3.53%	-6.03%
1994	3,680	-	365	(365)	-9.92%	-9.92%	-3.96%	-3.82%	-3.82%	-3.82%	-3.82%	-3.82%	-3.82%	-0.36%
1995	-	-	-	0	NA	-9.92%	-9.92%	-3.96%	-3.82%	-3.82%	-3.82%	-3.82%	-3.82%	-3.82%
1996	411	-	-	0	0.00%	0.00%	-8.92%	-8.92%	-3.83%	-3.70%	-3.70%	-3.70%	-3.70%	-3.70%
1997	-	-	-	0	NA	0.00%	0.00%	-8.92%	-8.92%	-3.83%	-3.70%	-3.70%	-3.70%	-3.70%
1998	-	-	-	0	NA	NA	0.00%	0.00%	-8.92%	-8.92%	-3.83%	-3.70%	-3.70%	-3.70%
1999	-	-	-	0	NA	NA	NA	0.00%	0.00%	-8.92%	-8.92%	-3.83%	-3.70%	-3.70%
2000	1,187	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-6.92%	-6.92%	-3.50%	-3.39%
2001	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-6.92%	-6.92%	-3.50%
2002	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-6.92%	-6.92%
2003	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-6.92%
2004	-	-	-	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2005	-	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
2006	4,392	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2007	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2008	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2009	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy  
Distribution Mains - Metallic  
Account 376  
1950-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
1950	6,143	752	2,320	(1,568)	-25.52%	-25.52%								
1951	3,621		1,165	(793)	-21.90%	-21.90%	-24.18%							
1952	10,066	1,230	3,142	(1,912)	-18.99%	-19.76%	-21.55%	-21.55%						
1953	18,739	501	2,747	(2,246)	-11.99%	-14.43%	-15.27%	-16.90%	-16.90%					
1954	13,390	247	2,407	(2,160)	-16.13%	-13.71%	-14.97%	-15.52%	-16.70%	-16.70%				
1955	25,668	680	2,375	(1,695)	-6.60%	-9.87%	-10.56%	-11.81%	-12.32%	-13.36%	-13.36%			
1956	50,983	1,768	6,963	(5,195)	-10.19%	-8.99%	-10.05%	-10.38%	-11.11%	-11.43%	-12.11%	-12.11%		
1957	53,651	3,886	8,554	(4,668)	-8.70%	-9.43%	-8.87%	-9.55%	-8.83%	-10.36%	-10.60%	-11.10%	-11.10%	-11.10%
1958	94,547	6,326	12,086	(5,760)	-6.09%	-7.04%	-7.84%	-8.18%	-8.18%	-8.45%	-8.85%	-9.03%	-9.39%	-9.39%
1959	119,005	9,154	13,232	(4,078)	-3.43%	-4.61%	-5.43%	-6.19%	-6.22%	-6.59%	-6.86%	-7.18%	-7.32%	-7.60%
1960	146,641	25,310	22,017	3,293	2.25%	-0.30%	-1.82%	-2.71%	-3.53%	-3.69%	-4.02%	-4.31%	-4.58%	-4.70%
1961	59,014	3,215	16,481	(13,266)	-22.48%	-4.85%	-4.33%	-4.73%	-5.18%	-5.66%	-5.71%	-5.96%	-6.15%	-6.37%
1962	105,314	1,012	34,265	(33,253)	-31.58%	-28.31%	-13.90%	-11.00%	-10.12%	-9.99%	-10.00%	-9.87%	-9.99%	-10.05%
1963	165,355	1,133	31,716	(30,583)	-18.50%	-23.58%	-23.39%	-15.50%	-13.08%	-12.12%	-11.88%	-11.77%	-11.61%	-11.68%
1964	199,865	2,248	36,038	(33,791)	-16.91%	-17.63%	-20.75%	-20.94%	-15.91%	-14.04%	-13.20%	-12.94%	-12.80%	-12.65%
1965	188,804	1,686	39,089	(37,393)	-19.81%	-18.31%	-18.37%	-20.48%	-20.64%	-16.76%	-15.15%	-14.36%	-14.09%	-13.92%
1966	307,979	2,759	39,904	(37,145)	-12.06%	-15.00%	-15.55%	-16.12%	-17.80%	-18.07%	-15.53%	-14.41%	-13.85%	-13.65%
1967	136,986	2,133	31,927	(29,794)	-21.75%	-15.04%	-16.46%	-16.57%	-16.89%	-18.29%	-18.50%	-16.18%	-15.12%	-14.56%
1968	140,499	2,963	33,968	(31,005)	-22.07%	-21.91%	-16.73%	-17.48%	-17.36%	-17.53%	-18.71%	-18.89%	-16.75%	-15.74%
1969	162,072	2,962	44,867	(41,905)	-25.86%	-24.10%	-23.37%	-18.71%	-18.93%	-18.57%	-18.56%	-19.54%	-19.66%	-17.66%
1970	127,243	59,620	34,220	25,400	19.96%	-5.70%	-11.05%	-13.64%	-13.08%	-14.28%	-14.69%	-15.13%	-16.26%	-16.49%
1971	96,432	33,937	40,958	(7,021)	-7.28%	8.22%	-6.10%	-10.36%	-12.71%	-12.51%	-13.69%	-14.17%	-14.64%	-15.73%
1972	167,132	110,552	35,664	74,888	44.81%	25.75%	23.87%	9.29%	2.94%	-1.14%	-4.09%	-6.33%	-7.71%	-8.77%
1973	149,071	29,344	39,507	(10,163)	-6.82%	20.47%	13.98%	15.39%	5.87%	1.21%	-2.00%	-4.41%	-6.38%	-7.63%
1974	124,281	156,025	32,548	123,477	99.35%	41.45%	42.73%	33.74%	31.10%	19.93%	13.83%	9.41%	1.83%	
1975	155,197	8,125	69,338	(61,213)	-39.44%	22.28%	12.16%	21.32%	17.33%	17.74%	10.54%	6.46%	3.39%	0.35%
1976	204,890	106,656	126,346	(19,690)	-9.61%	-22.47%	8.79%	5.12%	13.40%	11.18%	12.27%	7.06%	3.98%	1.57%
1977	260,298	16,405	122,659	(106,254)	-40.82%	-27.07%	-30.17%	-8.55%	-8.26%	0.10%	-0.52%	1.51%	-1.55%	-3.37%
1978	323,261	72,133	233,494	(161,361)	-49.92%	-45.86%	-36.44%	-36.93%	-21.07%	-19.33%	-11.58%	-11.30%	-8.83%	-10.39%
1979	318,817	3,804	212,401	(208,597)	-65.43%	-57.62%	-52.77%	-44.79%	-44.13%	-31.27%	-28.90%	-21.66%	-20.89%	-18.19%
1980	387,831	79,920	458,132	(378,212)	-97.52%	-83.04%	-72.64%	-66.22%	-58.47%	-56.68%	-45.75%	-42.73%	-35.73%	-34.48%
1981	825,609	580	367,691	(367,111)	-44.47%	-61.42%	-62.26%	-60.11%	-57.73%	-53.48%	-52.60%	-45.34%	-43.25%	-38.21%
1982	605,121	7,109	329,477	(322,368)	-53.27%	-48.19%	-58.71%	-58.43%	-58.71%	-58.43%	-52.74%	-48.84%	-45.06%	-45.06%
1983	339,003	164,775	178,171	(13,396)	-3.95%	-35.56%	-39.72%	-50.11%	-52.08%	-51.83%	-50.89%	-48.30%	-47.90%	-42.74%
1984	258,818	2,846	141,735	(138,889)	-53.66%	-25.47%	-39.46%	-41.50%	-52.23%	-51.98%	-51.11%	-48.30%	-48.31%	-48.31%
1985	183,413	6,428	137,198	(130,770)	-71.30%	-60.98%	-36.23%	-43.67%	-43.97%	-51.96%	-53.43%	-53.08%	-52.17%	-49.81%
1986	163,111	526,716	230,624	296,092	181.53%	47.71%	4.37%	1.38%	-19.96%	-28.48%	-38.17%	-40.99%	-41.84%	-41.77%
1987	411,428	(241,164)	237,676	(478,840)	-116.38%	-31.81%	-41.36%	-44.49%	-34.36%	-40.19%	-41.46%	-48.31%	-49.87%	-49.88%
1988	356,277	58,599	180,326	(121,727)	-34.17%	-78.23%	-32.71%	-39.06%	-41.81%	-34.32%	-39.27%	-40.63%	-46.88%	-48.42%
1989	397,725	40,142	197,681	(157,539)	-39.61%	-37.04%	-65.05%	-34.78%	-39.21%	-41.32%	-35.32%	-39.32%	-40.52%	-46.15%
1990	605,322	42,383	293,405	(251,022)	-41.47%	-40.73%	-39.01%	-56.99%	-36.87%	-39.85%	-41.36%	-36.69%	-39.71%	-40.66%
1991	686,098	49,050	332,740	(283,690)	-41.35%	-41.40%	-40.98%	-39.80%	-52.62%	-38.04%	-40.22%	-41.36%	-37.63%	-39.99%
1992	1,286,023	4,254	522,481	(518,227)	-40.30%	-40.66%	-40.85%	-40.69%	-39.99%	-38.79%	-38.79%	-40.24%	-41.04%	-38.36%
1993	539,039	(763)	302,029	(302,792)	-56.17%	-44.99%	-43.99%	-43.50%	-43.06%	-42.24%	-49.37%	-40.89%	-42.10%	-42.71%
1994	637,351	1,785	276,351	(274,566)	-43.08%	-49.08%	-44.49%	-43.81%	-43.43%	-43.06%	-42.36%	-48.55%	-41.17%	-42.22%
1995	1,164,725	(5,100)	217,282	(222,382)	-19.09%	-27.58%	-34.16%	-36.34%	-37.13%	-37.87%	-37.81%	-37.87%	-37.05%	-37.05%
1996	316,021	3,653	187,948	(184,295)	-58.32%	-27.46%	-32.16%	-37.03%	-37.03%	-38.10%	-38.58%	-38.91%	-38.96%	-43.67%
1997	379,795	2,859	178,040	(175,181)	-46.13%	-46.13%	-31.27%	-34.29%	-38.17%	-38.80%	-39.15%	-39.40%	-39.42%	-39.12%
1998	1,161,767	96,612	311,185	(214,573)	-18.47%	-25.28%	-30.90%	-26.35%	-29.26%	-32.72%	-34.50%	-35.26%	-35.81%	-36.02%
1999	1,064,354	57,589	35,771	21,818	2.05%	-8.66%	-14.12%	-18.90%	-14.12%	-18.95%	-22.21%	-25.69%	-29.77%	-30.67%
2000	944,891	158,394	94,517	63,877	6.76%	4.27%	-4.06%	-8.56%	-12.63%	-14.13%	-17.38%	-20.75%	-24.10%	-25.55%
2001	644,735	(6)	46,542	(46,548)	-7.22%	1.09%	1.48%	-4.60%	-8.36%	-11.86%	-13.34%	-16.34%	-19.48%	-22.77%
2002	423,962	(2,932)	(189,519)	186,587	44.01%	13.10%	10.13%	7.33%	0.26%	-3.55%	-7.06%	-9.36%	-12.55%	-15.78%
2003	348,764	-	13,959	(13,959)	-4.00%	22.34%	8.89%	8.04%	6.18%	-0.06%	-3.58%	-6.86%	-9.07%	-12.13%
2004	444,145	-	82,638	(82,638)	-18.61%	-12.18%	7.40%	2.33%	3.82%	1.70%	-1.70%	-4.82%	-7.77%	-9.68%
2005	864,678	-	71,486	(71,486)	-8.27%	-11.78%	0.89%	0.89%	1.22%	0.98%	1.22%	-2.66%	-5.29%	-7.83%
2006	567,306	-	148,722	(148,722)	-26.22%	-15.38%	-16.14%	-14.24%	-4.92%	-5.37%	-2.66%	-1.72%	-4.73%	-7.03%
2007	283,204	-	130,105	(130,105)	-45.94%	-32.78%	-20.42%	-20.05%	-17.82%	-8.88%	-5.58%	-5.37%	-3.96%	-6.46%
2008	382,030	-	90,419	(90,419)	-23.67%	-33.15%	-29.96%	-21.02%	-20.59%	-18.59%	-10.58%	-10.04%	-6.80%	-5.22%
2009	324,145	-	51,003	(51,003)	-15.73%	-20.03%	-27.44%	-27.00%	-20.31%	-20.04%	-18.30%	-11.04%	-10.47%	-7.35%
2010	986,972	-	140,357	(140,357)	-14.22%	-14.60%	-16.64%	-20.84%	-22.04%	-18.55%	-18.55%	-17.34%	-11.72%	-11.17%
2011	650,594	-	366,488	(366,488)	-56.33%	-30.95%	-28.44%	-27.66%	-29.63%	-29.02%	-24.60%	-24.01%	-22.57%	-17.22%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
 Distribution Mains - Plastic  
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Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
1950	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1958	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1959	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1960	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1961	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1962	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1963	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1964	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1965	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1966	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1967	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1968	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1969	-	(4)	218	(222)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1970	22,033	64	833	(769)	-3.49%	-4.50%	-4.50%	-4.50%	-4.50%	-4.50%	-4.50%	-4.50%	-4.50%	-4.50%
1971	14,194	1,905	1,559	346	2.44%	-1.17%	-1.78%	-1.78%	-1.78%	-1.78%	-1.78%	-1.78%	-1.78%	-1.78%
1972	14,884	(35)	1,072	(1,107)	-7.44%	-2.62%	-2.99%	-3.43%	-3.43%	-3.43%	-3.43%	-3.43%	-3.43%	-3.43%
1973	24,279	15,117	7,687	7,430	30.60%	16.15%	12.50%	7.83%	7.53%	7.53%	7.53%	7.53%	7.53%	7.53%
1974	15,204	45,717	3,461	42,256	277.93%	125.84%	89.35%	71.36%	53.16%	52.91%	52.91%	52.91%	52.91%	52.91%
1975	20,556	5,660	10,552	(4,892)	-23.80%	104.49%	74.61%	58.31%	49.41%	38.92%	38.72%	38.72%	38.72%	38.72%
1976	8,993	21,213	6,258	14,955	166.30%	34.06%	116.91%	86.55%	69.88%	60.12%	48.46%	48.27%	48.27%	48.27%
1977	23,480	(21,232)	11,067	(32,299)	-137.56%	-53.41%	-41.93%	29.34%	29.67%	24.53%	21.95%	18.05%	17.89%	17.89%
1978	80,753	22,383	14,926	7,457	9.23%	-23.83%	-8.73%	-11.05%	18.44%	20.15%	17.96%	16.88%	14.88%	14.78%
1979	50,967	6,921	21,584	(14,663)	-28.77%	-5.47%	-25.45%	-14.95%	-15.94%	6.41%	9.03%	8.00%	7.69%	6.80%
1980	35,605	22,108	57,784	(35,676)	-100.20%	-58.15%	-25.63%	-39.40%	-30.14%	-29.55%	-9.71%	-5.94%	-6.02%	-5.60%
1981	101,087	72,317	26,159	46,158	45.66%	7.67%	-2.23%	1.22%	-9.94%	-4.68%	-5.90%	6.92%	8.51%	7.88%
1982	67,171	36,173	33,419	2,754	4.10%	29.07%	6.49%	-0.56%	1.80%	-7.32%	-3.07%	-4.17%	6.45%	7.82%
1983	73,148	85,054	30,023	55,031	75.23%	41.18%	43.06%	24.64%	16.34%	14.94%	6.65%	9.91%	8.41%	17.00%
1984	70,630	17,137	21,494	(4,357)	-6.17%	35.24%	25.33%	31.91%	18.38%	12.35%	11.83%	4.85%	7.69%	6.47%
1985	82,520	106,421	16,770	89,651	108.64%	55.69%	62.01%	48.75%	47.96%	35.70%	28.87%	26.05%	19.48%	21.71%
1986	26,360	104,119	17,643	86,476	328.06%	161.76%	95.69%	89.77%	71.77%	65.50%	52.58%	44.41%	39.58%	32.78%
1987	176,931	305,993	25,515	280,478	158.52%	180.51%	159.76%	126.88%	118.08%	102.67%	93.03%	82.17%	73.91%	67.08%
1988	71,981	84,716	27,728	56,988	79.17%	135.58%	154.01%	143.55%	118.86%	112.50%	99.70%	91.54%	81.87%	74.41%
1989	87,195	50,357	17,237	33,120	37.98%	56.61%	110.26%	126.10%	122.86%	105.19%	101.46%	91.49%	85.37%	77.04%
1990	179,821	132,120	49,192	82,928	46.12%	43.46%	51.04%	87.90%	99.58%	100.77%	89.91%	88.52%	81.73%	77.84%
1991	199,509	102,292	40,741	61,551	30.85%	38.09%	38.07%	43.56%	71.99%	81.09%	83.85%	76.75%	76.63%	71.93%
1992	412,064	3,526	69,671	(66,145)	-16.05%	-0.75%	9.90%	12.69%	17.72%	39.62%	46.40%	50.55%	47.49%	48.96%
1993	212,635	18,927	51,695	(32,768)	-15.41%	-15.83%	-4.53%	4.54%	7.21%	11.66%	31.05%	36.78%	40.87%	38.69%
1994	377,917	2,738	44,330	(41,592)	-11.01%	-12.59%	-14.01%	-6.57%	0.29%	2.52%	6.10%	21.80%	26.43%	30.14%
1995	679,958	(31,276)	71,879	(103,155)	-15.17%	-13.68%	-13.97%	-14.48%	-9.68%	-4.81%	-3.07%	-0.41%	11.32%	14.76%
1996	122,055	74,816	67,252	7,564	6.20%	-11.92%	-11.63%	-12.20%	-13.08%	-8.71%	-4.19%	-2.58%	-0.06%	11.07%
1997	410,820	50,651	60,089	(9,438)	-2.30%	-0.35%	-8.66%	-9.22%	-9.95%	-11.08%	-7.62%	-3.89%	-2.53%	-0.40%
1998	718,480	24,132	91,963	(67,831)	-9.44%	-6.84%	-5.57%	-8.95%	-9.29%	-9.80%	-10.68%	-8.04%	-5.10%	-3.99%
1999	1,047,583	12,955	75,413	(62,458)	-5.96%	-7.38%	-6.42%	-5.75%	-7.90%	-8.25%	-8.68%	-9.44%	-7.52%	-5.31%
2000	722,555	17,415	51,491	(34,076)	-4.72%	-5.45%	-6.60%	-5.99%	-5.50%	-7.28%	-7.62%	-8.01%	-8.71%	-7.10%
2001	574,391	(6)	30,747	(30,753)	-5.35%	-5.00%	-5.43%	-6.37%	-5.89%	-5.48%	-7.02%	-7.34%	-7.70%	-8.35%
2002	799,169	(426)	52,732	(53,158)	-6.65%	-6.11%	-5.63%	-5.74%	-6.43%	-6.03%	-5.69%	-6.96%	-7.24%	-7.55%
2003	691,219	-	123	(123)	-0.02%	-0.02%	-4.07%	-4.24%	-4.71%	-5.19%	-4.92%	-4.92%	-6.43%	-6.43%
2004	400,630	-	13,816	(13,816)	-3.45%	-1.28%	-3.55%	-3.97%	-4.14%	-4.59%	-5.29%	-5.06%	-4.81%	-5.96%
2005	874,539	83,379	74,903	8,476	0.97%	-0.42%	-0.28%	-2.12%	-2.68%	-3.04%	-3.64%	-4.35%	-4.22%	-4.02%
2006	658,489	-	98,788	(98,788)	-15.00%	-5.89%	-5.39%	-3.97%	-4.60%	-4.71%	-4.71%	-4.94%	-5.43%	-5.25%
2007	1,668,721	-	152,404	(152,404)	-9.13%	-10.79%	-7.58%	-7.12%	-5.98%	-6.01%	-6.01%	-5.86%	-5.88%	-6.19%
2008	1,772,781	-	306,435	(306,435)	-17.29%	-13.33%	-13.60%	-11.04%	-10.47%	-9.28%	-8.98%	-8.70%	-8.34%	-8.07%
2009	1,073,526	-	243,617	(243,617)	-22.69%	-19.33%	-15.33%	-15.49%	-13.11%	-12.51%	-11.30%	-10.83%	-10.46%	-10.01%
2010	1,606,639	-	239,095	(239,095)	-14.88%	-18.01%	-17.72%	-15.38%	-15.34%	-13.48%	-12.98%	-11.96%	-11.51%	-11.16%
2011	624,914	-	338,991	(338,991)	-54.25%	-25.91%	-24.86%	-22.22%	-18.98%	-18.63%	-16.56%	-15.95%	-14.78%	-14.14%



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1950	-	70	58	12	NA	NA								
1951	-	211	43	168	NA	NA								
1952	-	1,464	2,474	(1,010)	NA	NA								
1953	-	(235)	1,000	(1,235)	NA	NA								
1954	-	242	135	107	NA	NA								
1955	-	690	97	593	NA	NA								
1956	-	3,965	601	3,364	NA	NA								
1957	-	5,073	2,388	2,685	NA	NA								
1958	-	1,573	510	1,063	NA	NA								
1959	-	2,483	2,045	438	NA	NA								
1960	-	5,753	2,369	3,384	NA	NA								
1961	-	5,412	1,827	3,585	NA	NA								
1962	-	828	2,311	(1,483)	NA	NA								
1963	-	4,398	2,126	2,272	NA	NA								
1964	-	746	528	218	NA	NA								
1965	-	831	2,442	(1,611)	NA	NA								
1966	-	2,805	1,257	1,548	NA	NA								
1967	-	962	494	468	NA	NA								
1968	-	2,020	5,436	(3,416)	NA	NA								
1969	-	3,286	1,476	1,810	NA	NA								
1970	-	16,395	9,504	6,891	NA	NA								
1971	-	7,019	2,502	4,517	NA	NA								
1972	-	4,666	3,624	1,042	NA	NA								
1973	-	3,442	2,002	1,440	NA	NA								
1974	-	2,989	1,725	1,264	NA	NA								
1975	-	(188)	8,082	(8,270)	NA	NA								
1976	-	4,636	16,426	(11,790)	NA	NA								
1977	-	2,572	89	2,483	NA	NA								
1978	-	3,146	19,089	(15,943)	NA	NA								
1979	-	9,160	7,835	1,325	NA	NA								
1980	-	1,196	10,892	(9,696)	NA	NA								
1981	-	592	11,794	(11,202)	NA	NA								
1982	-	12,783	9,841	2,942	NA	NA								
1983	-	44,873	11,598	33,275	NA	NA								
1984	-	14,488	8,070	6,418	NA	NA								
1985	-	107	327	(220)	NA	NA								
1986	-	(18,487)	-	(18,487)	NA	NA								
1987	-	(9,061)	-	(9,061)	NA	NA								
1988	-	39	14,752	(14,713)	NA	NA								
1989	-	730	5,490	(4,760)	NA	NA								
1990	-	(115)	11,898	(12,013)	NA	NA								
1991	-	(33)	10,486	(10,519)	NA	NA								
1992	-	-	18,741	(18,741)	NA	NA								
1993	-	(1,260)	16,928	(18,188)	NA	NA								
1994	-	(626)	23,307	(23,933)	NA	NA								
1995	-	-	24,383	(24,383)	NA	NA								
1996	-	-	32,297	(32,297)	NA	NA								
1997	-	(33)	60,207	(60,240)	NA	NA								
1998	-	(18)	64,663	(64,681)	NA	NA								
1999	-	(333)	43,594	(43,927)	NA	NA								
2000	-	152	45,895	(45,743)	NA	NA								
2001	-	-	-	0	NA	NA								
2002	8,815	-	407	(407)	-4.62%	-4.62%	-523.54%	-1021.86%	-1755.61%	-2438.98%	-2805.37%	-3081.97%	-3353.47%	-3559.80%
2003	9,566	-	460	(460)	-4.80%	-4.72%	-253.58%	-492.57%	-844.47%	-1172.20%	-1347.92%	-1480.57%	-1610.78%	-1701.71%
2004	474	-	48,720	(48,720)	-10267.97%	-489.84%	-262.99%	-262.99%	-505.60%	-738.57%	-1081.61%	-1401.10%	-1572.39%	-1701.71%
2005	20,557	-	7,962	(7,962)	-38.73%	-269.51%	-186.76%	-146.02%	-146.02%	-262.08%	-373.54%	-537.65%	-690.50%	-772.45%
2006	49,209	-	23,213	(23,213)	-47.17%	-44.69%	-113.75%	-100.69%	-91.13%	-91.13%	-142.75%	-192.32%	-265.30%	-333.28%
2007	85,150	-	43,100	(43,100)	-50.62%	-49.36%	-47.95%	-79.15%	-74.84%	-71.28%	-71.28%	-97.80%	-122.88%	-160.10%
2008	1,306	-	-	0	0.00%	-49.85%	-48.88%	-47.55%	-78.49%	-74.25%	-70.75%	-70.75%	-96.88%	-121.97%
2009	16,993	-	12,543	(12,543)	-73.81%	-68.55%	-53.79%	-51.66%	-50.12%	-78.04%	-74.21%	-71.02%	-94.84%	-94.84%
2010	2,203	-	-	0	0.00%	-65.34%	-61.18%	-52.67%	-50.92%	-49.49%	-77.06%	-73.33%	-70.21%	-70.21%
2011	2,119	-	15,709	(15,709)	-741.39%	-363.47%	-132.55%	-124.89%	-66.21%	-60.24%	-57.75%	-84.97%	-80.88%	-77.46%

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1950	793	-	-	0	0.00%	0.00%								
1951	341	-	-	0	0.00%	0.00%	0.00%							
1952	21,476	-	-	0	0.00%	0.00%	0.00%	0.00%						
1953	5,715	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%					
1954	3,166	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
1955	860	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
1956	9,293	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
1957	40,475	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
1958	751	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1959	19,837	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1960	46,004	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1961	15,591	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1962	22,040	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1963	61,100	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1964	8,807	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1965	16,512	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1966	15,499	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1967	9,737	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1968	32,546	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1969	17,565	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1970	18,101	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1971	10,939	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1972	19,911	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1973	23,660	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1974	6,786	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1975	21,180	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1976	34,435	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1977	3,530	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1978	98,545	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1979	84,055	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1980	28,236	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1981	107,307	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1982	111,108	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1983	58,306	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1984	110,686	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1985	5,649	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1986	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1987	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1988	160,011	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1989	76,757	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1990	53,406	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1991	86,250	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1992	171,373	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1993	245,739	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1994	287,322	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1995	131,413	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1996	266,836	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1997	136,515	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1998	194,779	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1999	260,094	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2000	52,736	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2001	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2002	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2003	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2004	-	-	-	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2005	12,025	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2006	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2007	3,000	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2008	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2009	-	-	310	(310)	NA	NA	-10.34%	-10.34%	-2.06%	-2.06%	-2.06%	-2.06%	-2.06%	-4.46%
2010	-	-	-	0	NA	NA	NA	-10.34%	-10.34%	-2.06%	-2.06%	-2.06%	-2.06%	-2.06%
2011	-	-	-	0	NA	NA	NA	NA	-10.34%	-10.34%	-2.06%	-2.06%	-2.06%	-2.06%

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1950	6,197	3	5,236	(5,233)	-84.44%	-84.44%								
1951	5,205	127	4,856	(4,729)	-90.85%	-87.37%								
1952	17,277	36	9,454	(9,418)	-54.51%	-62.93%	-67.58%	-67.58%						
1953	15,269	38	8,072	(8,034)	-52.62%	-53.62%	-58.76%	-62.38%	-62.38%					
1954	21,309	140	13,024	(12,884)	-60.46%	-57.19%	-56.33%	-59.37%	-61.75%	-61.75%				
1955	16,255	41	9,654	(9,613)	-59.14%	-59.89%	-57.79%	-56.98%	-59.32%	-61.23%	-61.23%			
1956	45,687	363	10,010	(9,647)	-21.12%	-31.09%	-38.61%	-40.78%	-42.83%	-44.90%	-46.82%	-46.82%		
1957	31,602	82	12,500	(12,418)	-39.29%	-28.55%	-33.86%	-38.00%	-40.42%	-42.07%	-43.74%	-45.32%	-45.32%	
1958	29,525	(88)	13,244	(13,332)	-45.15%	-42.13%	-33.14%	-36.57%	-40.10%	-41.30%	-42.59%	-43.97%	-44.68%	-45.30%
1959	35,626	2,497	22,108	(19,611)	-55.05%	-50.56%	-46.88%	-38.62%	-40.72%	-43.06%	-43.80%	-44.68%	-45.78%	-46.85%
1960	24,900	3,004	43,930	(40,926)	-83.51%	-71.53%	-64.71%	-59.20%	-50.11%	-50.82%	-51.71%	-51.77%	-51.95%	-52.71%
1961	24,937	518	37,704	(37,186)	-149.16%	-105.65%	-89.19%	-79.85%	-72.34%	-61.52%	-61.36%	-61.28%	-60.41%	-60.79%
1962	40,373	3,088	49,880	(46,782)	-115.87%	-128.58%	-109.26%	-96.38%	-87.95%	-80.67%	-70.07%	-69.42%	-68.77%	-67.97%
1963	37,209	860	48,468	(47,598)	-127.92%	-121.65%	-128.34%	-113.84%	-102.65%	-94.81%	-87.75%	-77.39%	-76.44%	-75.41%
1964	55,921	53	95,052	(94,999)	-169.88%	-153.12%	-141.85%	-143.00%	-128.95%	-118.12%	-110.21%	-102.85%	-92.17%	-90.71%
1965	57,520	80	68,093	(68,013)	-118.22%	-143.69%	-139.79%	-134.74%	-136.40%	-126.62%	-118.14%	-111.61%	-105.29%	-95.85%
1966	49,230	192	63,443	(63,251)	-128.48%	-128.48%	-139.08%	-137.01%	-133.46%	-134.96%	-126.91%	-119.59%	-113.80%	-108.07%
1967	53,495	6	68,249	(68,243)	-127.57%	-128.01%	-124.49%	-136.23%	-135.01%	-132.38%	-133.70%	-127.01%	-120.65%	-115.50%
1968	60,123	266	72,934	(72,668)	-120.87%	-124.02%	-125.37%	-123.50%	-132.89%	-132.30%	-130.43%	-131.66%	-126.14%	-120.68%
1969	56,841	4	88,300	(88,296)	-155.34%	-137.62%	-134.46%	-133.12%	-130.03%	-136.72%	-135.84%	-133.87%	-134.75%	-129.57%
1970	48,719	7,168	79,589	(72,421)	-148.65%	-152.25%	-140.86%	-137.62%	-135.94%	-132.81%	-138.24%	-136.25%	-135.44%	-132.51%
1971	65,848	9,095	118,641	(109,546)	-166.36%	-158.83%	-157.67%	-148.11%	-144.26%	-141.93%	-138.45%	-142.38%	-141.27%	-139.32%
1972	103,125	10,290	107,579	(97,289)	-94.34%	-122.41%	-128.28%	-133.88%	-131.54%	-131.00%	-130.71%	-129.26%	-133.39%	-133.04%
1973	71,461	13,397	166,605	(153,208)	-214.39%	-143.48%	-149.75%	-149.56%	-150.51%	-146.12%	-143.96%	-142.47%	-140.00%	-142.69%
1974	108,303	94,646	174,606	(79,960)	-73.83%	-116.82%	-129.71%	-126.17%	-128.93%	-129.23%	-130.90%	-129.38%	-130.42%	-129.38%
1975	93,629	5,341	171,786	(166,445)	-177.77%	-122.02%	-146.17%	-131.97%	-137.09%	-138.24%	-140.01%	-138.12%	-137.27%	-136.66%
1976	135,413	8,655	210,172	(201,517)	-148.82%	-160.65%	-132.78%	-147.05%	-136.43%	-139.84%	-140.52%	-141.76%	-140.07%	-139.23%
1977	117,142	821	126,658	(125,837)	-107.42%	-129.62%	-142.64%	-126.24%	-138.22%	-131.03%	-134.38%	-135.31%	-136.73%	-135.62%
1978	150,341	9,092	219,945	(210,853)	-140.25%	-135.87%	-141.92%	-141.92%	-138.72%	-138.67%	-132.81%	-136.14%	-137.29%	-137.29%
1979	152,141	8,712	226,018	(217,306)	-142.83%	-141.55%	-132.02%	-136.12%	-142.13%	-132.36%	-139.44%	-134.44%	-136.55%	-137.11%
1980	277,354	9,085	311,143	(302,058)	-108.91%	-120.92%	-125.94%	-122.82%	-127.08%	-132.18%	-126.07%	-131.78%	-128.58%	-130.54%
1981	384,302	9,613	411,144	(401,531)	-104.48%	-106.34%	-113.16%	-117.38%	-116.31%	-119.92%	-124.06%	-120.22%	-124.74%	-122.77%
1982	314,996	(78)	308,084	(308,162)	-97.83%	-101.49%	-103.59%	-108.88%	-112.57%	-112.14%	-115.38%	-118.97%	-120.04%	-112.64%
1983	170,800	228	128,131	(127,903)	-74.88%	-89.76%	-96.26%	-99.32%	-104.41%	-108.13%	-108.08%	-111.32%	-114.78%	-112.45%
1984	154,357	1,135	136,495	(135,360)	-87.69%	-80.96%	-89.26%	-94.97%	-97.94%	-102.64%	-106.16%	-106.25%	-109.35%	-112.64%
1985	321,721	833	120,889	(120,056)	-37.32%	-53.65%	-59.26%	-71.89%	-81.19%	-85.93%	-90.80%	-94.66%	-95.39%	-98.72%
1986	213,032	5,331	164,712	(159,381)	-74.82%	-52.26%	-60.19%	-63.11%	-72.42%	-80.32%	-84.64%	-89.09%	-92.69%	-93.45%
1987	203,059	12	164,404	(164,392)	-80.96%	-77.81%	-60.15%	-64.92%	-66.52%	-73.68%	-80.40%	-84.27%	-88.34%	-91.67%
1988	263,412	3,142	136,838	(133,696)	-50.76%	-63.90%	-67.32%	-57.68%	-61.69%	-63.39%	-70.00%	-76.54%	-80.44%	-84.31%
1989	457,349	2,146	233,570	(231,424)	-50.60%	-50.66%	-57.32%	-60.60%	-55.46%	-58.55%	-60.11%	-65.77%	-71.76%	-75.50%
1990	788,528	736	261,198	(260,462)	-33.03%	-39.48%	-41.45%	-46.13%	-49.31%	-47.59%	-50.17%	-51.81%	-56.83%	-62.43%
1991	769,364	3,176	356,511	(353,335)	-45.93%	-39.40%	-41.94%	-42.96%	-46.07%	-48.34%	-49.14%	-49.14%	-50.45%	-54.54%
1992	981,414	133	359,621	(358,488)	-36.53%	-40.66%	-36.29%	-40.17%	-41.02%	-43.37%	-45.19%	-44.55%	-46.16%	-47.29%
1993	384,230	5,641	221,147	(215,506)	-56.09%	-42.03%	-43.43%	-40.63%	-41.98%	-42.61%	-44.64%	-46.22%	-45.57%	-47.00%
1994	764,226	3,172	219,899	(216,727)	-28.36%	-37.64%	-37.13%	-39.46%	-38.09%	-39.47%	-40.14%	-41.94%	-43.39%	-43.01%
1995	993,608	2,207	261,141	(258,934)	-26.06%	-27.06%	-32.27%	-33.61%	-36.04%	-35.53%	-36.87%	-37.55%	-39.12%	-40.43%
1996	282,088	1,968	183,025	(181,057)	-64.18%	-34.49%	-32.19%	-35.98%	-36.14%	-37.94%	-37.16%	-38.30%	-38.87%	-40.32%
1997	78,224	838	155,036	(154,198)	-197.12%	-93.05%	-43.89%	-38.28%	-41.02%	-39.75%	-40.87%	-39.64%	-40.55%	-41.02%
1998	1,097,883	2,977	174,357	(171,380)	-15.61%	-27.68%	-34.74%	-31.22%	-30.54%	-33.27%	-33.97%	-35.69%	-35.35%	-36.40%
1999	862,107	5,293	106,935	(101,642)	-11.79%	-13.93%	-20.96%	-26.22%	-26.17%	-26.58%	-29.12%	-30.46%	-32.37%	-32.45%
2000	758,051	10,864	127,418	(116,554)	-15.38%	-13.47%	-14.33%	-19.45%	-23.55%	-24.16%	-24.82%	-27.12%	-28.61%	-30.52%
2001	419,823	(669)	69,516	(70,185)	-16.72%	-15.85%	-14.14%	-14.65%	-19.09%	-22.73%	-23.46%	-24.18%	-26.35%	-27.86%
2002	119,335	(433)	73,631	(74,064)	-62.06%	-26.75%	-20.10%	-16.79%	-16.39%	-20.63%	-24.02%	-24.46%	-25.02%	-27.09%
2003	194,028	-	65,576	(65,576)	-33.80%	-44.56%	-21.89%	-28.62%	-21.89%	-17.37%	-21.35%	-24.52%	-24.84%	-25.32%
2004	-	-	103	(103)	NA	-33.85%	-44.59%	-28.63%	-21.89%	-18.19%	-17.37%	-21.35%	-24.52%	-24.84%
2005	537	-	6,722	(6,722)	-1251.68%	-1270.82%	-37.21%	-46.66%	-29.53%	-22.34%	-18.47%	-17.56%	-21.54%	-24.70%
2006	7,297	-	6,902	(6,902)	-94.60%	-173.92%	-175.23%	-39.29%	-47.75%	-30.17%	-22.69%	-18.71%	-17.73%	-21.69%
2007	747,051	301	320,072	(319,771)	-42.80%	-43.31%	-44.17%	-44.18%	-42.06%	-40.29%	-29.38%	-36.51%	-24.50%	-22.18%
2008	325,115	-	260,296	(260,296)	-80.06%	-54.10%	-54.38%	-54.97%	-54.98%	-51.75%	-62.64%	-44.32%	-35.79%	-29.76%
2009	152,343	-	205,883	(205,883)	-138.14%	-97.64%	-64.18%	-64.37%	-64.88%	-60.77%	-60.66%	-60.77%	-61.34%	-61.34%
2010	542,203	-	277,790	(277,790)	-51.23%	-69.64%	-72.96%	-60.21%	-60.35%	-60.71%	-60.72%	-58.06%	-58.29%	-51.33%
2011	502,649	-	21,671	(21,671)	-4.31%	-28.66%	-42.21%	-50.29%	-47.83%	-47.98%	-48.26%	-48.27%	-47.13%	-47.82%

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Xcel Energy Gas Plant Distribution Services - Plastic Account 380 1970-2011													
Transaction Year	Transactional History Retirements	Removal Salvage Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
1970	8,822	106	2,488	(2,382)	-27.00%	-27.00%							
1971	8,573	(115)	2,563	(2,678)	-31.24%	-29.09%	-29.09%						
1972	17,781	1,590	5,244	(3,654)	-20.55%	-24.03%	-24.77%	-24.77%					
1973	40,040	454	14,296	(13,842)	-34.57%	-30.26%	-30.39%	-29.99%					
1974	51,456	17,467	21,140	(3,673)	-7.14%	-19.14%	-19.37%	-20.24%	-20.71%				
1975	25,235	1,762	17,817	(16,055)	-63.62%	-25.72%	-28.76%	-27.67%	-27.89%	-27.84%			
1976	42,762	3,480	17,478	(13,998)	-32.73%	-44.20%	-28.23%	-29.82%	-28.89%	-29.00%	-28.91%	-28.91%	
1977	132,564	1,733	22,929	(21,196)	-15.99%	-20.07%	-25.55%	-21.79%	-23.54%	-23.37%	-23.58%	-23.68%	-23.68%
1978	55,089	13,057	33,166	(20,109)	-36.50%	-22.01%	-24.00%	-27.91%	-24.43%	-25.60%	-25.35%	-25.49%	-25.52%
1979	197,247	9,776	45,751	(35,975)	-18.24%	-22.23%	-20.08%	-21.34%	-23.70%	-22.01%	-22.93%	-22.86%	-23.05%
1980	132,930	13,543	69,596	(56,053)	-42.17%	-27.87%	-29.11%	-25.75%	-26.28%	-27.89%	-26.21%	-26.71%	-26.61%
1981	210,468	39,260	93,176	(53,916)	-25.62%	-32.02%	-26.99%	-27.87%	-25.71%	-26.10%	-27.29%	-26.45%	-26.33%
1982	254,407	8,266	63,104	(54,838)	-21.56%	-23.39%	-27.57%	-25.25%	-25.98%	-24.63%	-24.97%	-25.30%	-25.36%
1983	143,208	1,693	51,619	(49,926)	-34.86%	-26.35%	-26.10%	-28.98%	-26.72%	-27.26%	-25.94%	-26.18%	-26.16%
1984	133,589	2,604	60,332	(57,728)	-43.21%	-38.89%	-30.59%	-29.18%	-31.15%	-28.78%	-29.15%	-27.77%	-28.61%
1985	142,963	11,550	39,776	(28,226)	-19.74%	-31.08%	-32.37%	-28.29%	-27.65%	-29.65%	-27.71%	-28.09%	-26.95%
1986	95,770	22,810	62,002	(39,192)	-40.92%	-28.24%	-33.61%	-33.96%	-29.86%	-28.95%	-30.53%	-28.68%	-27.84%
1987	166,822	64,299	75,014	(10,715)	-6.42%	-19.01%	-19.27%	-25.20%	-27.23%	-25.69%	-25.67%	-27.39%	-26.17%
1988	137,917	46,472	72,044	(25,572)	-18.54%	-11.91%	-18.85%	-19.08%	-23.84%	-25.77%	-24.77%	-24.91%	-26.53%
1989	140,084	12,402	77,618	(65,216)	-46.55%	-32.66%	-22.82%	-26.03%	-24.71%	-27.74%	-28.80%	-27.28%	-27.04%
1990	349,291	4,096	110,758	(106,662)	-30.54%	-35.12%	-31.48%	-26.21%	-27.80%	-26.68%	-28.58%	-29.26%	-28.01%
1991	254,831	20,544	182,930	(162,386)	-63.72%	-44.54%	-44.92%	-40.79%	-35.33%	-35.79%	-34.01%	-34.88%	-34.88%
1992	451,363	6,116	208,587	(202,471)	-44.86%	-51.67%	-44.67%	-44.86%	-42.17%	-38.19%	-38.36%	-36.83%	-37.11%
1993	610,266	31,910	276,052	(244,142)	-40.01%	-42.07%	-46.26%	-42.96%	-43.24%	-41.49%	-38.72%	-38.81%	-37.65%
1994	705,761	21,928	314,158	(292,230)	-41.41%	-40.76%	-41.80%	-44.57%	-42.50%	-42.73%	-41.47%	-39.39%	-38.52%
1995	739,770	51,941	377,392	(325,451)	-43.99%	-42.73%	-41.92%	-42.45%	-44.41%	-42.86%	-43.01%	-42.02%	-40.35%
1996	255,077	78,334	376,198	(297,864)	-116.77%	-62.65%	-53.84%	-50.18%	-49.31%	-50.53%	-48.46%	-48.38%	-47.25%
1997	123,681	93,960	304,165	(210,205)	-169.96%	-134.14%	-74.52%	-61.71%	-56.27%	-54.48%	-55.23%	-52.76%	-51.28%
1998	1,213,825	72,118	327,413	(255,295)	-21.03%	-34.80%	-47.93%	-46.68%	-45.46%	-44.55%	-44.58%	-45.70%	-44.63%
1999	1,955,088	110,770	285,652	(174,882)	-8.94%	-13.57%	-19.45%	-26.45%	-29.47%	-31.16%	-32.12%	-33.07%	-34.31%
2000	870,978	96,624	271,789	(175,165)	-20.11%	-12.39%	-14.98%	-19.59%	-25.20%	-27.89%	-29.52%	-30.51%	-31.44%
2001	1,038,157	443	165,476	(165,033)	-15.90%	-17.82%	-13.33%	-15.17%	-18.85%	-23.43%	-25.88%	-27.47%	-28.49%
2002	210,674	(1,780)	158,565	(160,345)	-76.11%	-26.05%	-23.61%	-16.58%	-17.60%	-21.08%	-25.39%	-27.54%	-29.79%
2003	778,902	-	127,486	(127,486)	-16.37%	-29.09%	-22.33%	-21.67%	-16.54%	-17.44%	-20.49%	-24.30%	-26.32%
2004	-	-	2,855	(2,855)	NA	-16.73%	-29.37%	-22.47%	-17.49%	-17.49%	-20.53%	-24.34%	-26.36%
2005	88,767	-	18,592	(18,592)	-20.95%	-24.16%	-17.16%	-28.68%	-22.41%	-21.74%	-16.68%	-17.54%	-20.54%
2006	-	-	1,791	(1,791)	NA	-22.96%	-26.18%	-17.37%	-28.85%	-22.49%	-21.80%	-17.57%	-20.57%
2007	1,663,428	126,255	776,287	(650,032)	-39.08%	-39.19%	-38.26%	-38.42%	-31.64%	-35.05%	-39.79%	-27.98%	-22.35%
2008	757,228	-	371,772	(371,772)	-49.10%	-42.21%	-42.29%	-41.53%	-41.64%	-35.66%	-38.09%	-33.01%	-30.94%
2009	1,756,656	-	809,071	(809,071)	-46.06%	-46.97%	-43.83%	-43.87%	-43.39%	-43.46%	-39.28%	-40.76%	-36.65%
2010	7,637,094	2,209	812,372	(810,163)	-10.61%	-17.24%	-19.61%	-22.35%	-22.37%	-22.36%	-22.38%	-22.01%	-22.38%
2011	1,426,795	-	1,368,203	(1,368,203)	-95.89%	-24.03%	-27.61%	-29.01%	-30.28%	-30.29%	-30.23%	-30.25%	-29.48%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
Distribution Meters  
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Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
1950	26,646	2,144	940	1,204	4.52%	4.52%								
1951	37,990	4,059	2,821	1,238	3.26%	3.78%	3.78%							
1952	63,040	7,423	2,639	4,784	7.59%	5.96%	5.66%	5.66%						
1953	60,652	7,433	4,097	3,336	5.50%	6.56%	5.79%	5.61%	5.61%					
1954	85,796	10,084	4,330	5,754	6.71%	6.21%	6.62%	6.11%	5.95%	5.95%				
1955	74,520	8,700	3,891	4,809	6.45%	6.59%	6.29%	6.58%	6.19%	6.06%	6.06%			
1956	62,426	3,707	3,637	70	0.11%	3.56%	4.77%	4.93%	5.41%	5.20%	5.16%	5.16%		
1957	36,346	3,616	3,140	476	1.31%	0.55%	3.09%	4.29%	4.52%	4.86%	4.84%	4.84%	4.84%	
1958	37,469	3,238	2,461	777	2.07%	1.70%	0.97%	2.91%	4.01%	4.26%	4.76%	4.64%	4.63%	4.63%
1959	39,312	3,672	3,020	652	1.66%	1.68%	1.68%	1.13%	3.73%	3.73%	4.00%	4.50%	4.40%	4.41%
1960	42,518	12,226	1,941	10,285	24.19%	13.37%	9.82%	7.83%	5.62%	5.83%	6.03%	5.96%	6.16%	5.96%
1961	51,352	5,335	2,843	2,492	4.85%	13.61%	10.08%	8.32%	7.09%	5.48%	5.69%	5.89%	5.84%	6.04%
1962	81,735	9,611	3,146	6,465	7.91%	6.73%	10.96%	9.26%	8.19%	7.52%	6.04%	6.11%	6.21%	6.14%
1963	100,878	8,395	2,560	5,835	5.78%	6.74%	6.32%	9.07%	8.15%	7.50%	6.93%	5.98%	6.05%	6.14%
1964	66,968	10,298	3,100	7,198	10.75%	7.76%	7.81%	7.31%	9.40%	8.60%	8.02%	7.49%	6.60%	6.58%
1965	54,775	10,575	3,501	7,074	12.91%	11.72%	9.03%	8.73%	8.17%	9.88%	9.14%	8.58%	8.07%	7.20%
1966	60,906	6,822	3,066	3,756	6.17%	9.36%	9.87%	8.42%	8.30%	7.88%	9.39%	8.78%	8.31%	7.86%
1967	47,219	9,175	2,954	6,221	13.17%	9.23%	10.47%	10.55%	9.10%	8.86%	8.42%	9.74%	9.16%	8.70%
1968	38,275	3,315	3,244	71	0.19%	7.36%	6.86%	8.51%	9.07%	8.17%	8.12%	7.79%	9.07%	8.57%
1969	48,642	7,257	3,241	4,016	8.26%	4.70%	7.68%	7.21%	8.46%	8.94%	8.18%	8.14%	7.83%	9.00%
1970	23,708	3,401	22,229	(18,828)	-79.42%	-20.47%	-13.33%	-5.40%	-2.18%	0.84%	2.79%	3.48%	4.71%	4.23%
1971	68,330	16,142	70	16,072	23.52%	-2.99%	0.90%	0.74%	3.34%	3.94%	5.38%	6.26%	6.16%	6.40%
1972	105,572	64,409	939	63,470	60.12%	45.74%	30.72%	26.29%	22.77%	21.41%	19.04%	18.29%	17.31%	15.42%
1973	113,124	9,753	534	9,219	8.15%	33.24%	30.92%	22.51%	20.58%	18.61%	18.04%	16.61%	16.25%	15.66%
1974	88,323	19,378	989	18,389	20.82%	13.70%	29.67%	28.55%	22.13%	20.63%	19.02%	18.50%	17.23%	16.87%
1975	114,262	8,783	747	8,036	7.03%	13.04%	11.29%	23.53%	23.53%	18.77%	17.86%	16.73%	16.47%	15.59%
1976	114,583	10,423	1,062	9,361	8.17%	10.62%	11.28%	10.64%	20.24%	20.61%	16.84%	16.22%	15.36%	15.23%
1977	169,671	666	1,055	(389)	-0.23%	3.16%	4.27%	7.27%	7.44%	15.32%	16.04%	13.21%	12.92%	12.37%
1978	177,839	17,998	181	17,817	10.02%	5.02%	5.80%	6.04%	8.01%	14.92%	14.25%	14.92%	12.63%	12.42%
1979	174,838	41,213	4,965	36,248	20.73%	15.33%	10.28%	9.90%	9.46%	10.66%	10.36%	15.32%	15.82%	13.86%
1980	266,193	60,676		60,676	22.79%	21.98%	18.54%	14.50%	13.70%	12.95%	13.07%	13.07%	17.15%	17.15%
1981	316,320	41,757		41,757	13.20%	17.58%	18.31%	16.73%	14.13%	13.57%	13.01%	13.49%	13.10%	16.13%
1982	345,536	40,902	693	40,209	11.64%	12.38%	15.37%	16.22%	15.36%	13.54%	13.14%	12.73%	13.13%	12.83%
1983	264,175	4,128	14,608	(10,480)	-3.97%	4.88%	7.72%	11.09%	12.32%	12.05%	10.84%	10.67%	10.46%	10.91%
1984	338,570	1,831	3,181	(1,350)	-0.40%	-1.96%	-0.74%	5.55%	2.99%	9.79%	9.82%	8.99%	8.94%	8.85%
1985	272,779	49	2,332	(2,283)	-0.84%	-0.59%	-1.61%	2.14%	4.41%	7.13%	8.33%	8.47%	7.83%	7.85%
1986	286,699	1,386	740	646	0.23%	-0.29%	-0.33%	-1.16%	1.77%	3.76%	6.18%	7.30%	7.50%	7.00%
1987	358,589	6,879	220	6,659	1.86%	1.13%	0.55%	0.29%	-0.45%	1.79%	3.44%	5.55%	6.56%	6.78%
1988	383,673		461	(461)	-0.12%	0.84%	0.67%	0.35%	0.20%	-0.38%	1.46%	2.91%	4.78%	5.71%
1989	450,133	37	384	(347)	-0.08%	-0.10%	0.49%	0.44%	0.24%	0.14%	-0.32%	1.21%	2.46%	4.11%
1990	363,083	1,210	6,588	(5,378)	-1.48%	-0.70%	0.03%	0.06%	-0.06%	-0.06%	-0.10%	-0.48%	0.89%	2.04%
1991	440,704	2	1,950	(1,948)	-0.44%	-0.91%	-0.61%	-0.50%	-0.07%	-0.04%	-0.12%	-0.15%	-0.47%	0.72%
1992	588,449	259	1,448	(1,189)	-0.20%	-0.30%	-0.16%	-0.48%	-0.42%	-0.10%	-0.07%	-0.14%	-0.14%	-0.43%
1993	383,383	2,680	15,953	(13,273)	-3.46%	-1.49%	-1.16%	-1.23%	-0.99%	-0.87%	-0.54%	-0.47%	-0.50%	-0.49%
1994	719,429	600	411	189	0.03%	-1.19%	-0.84%	-0.76%	-0.67%	-0.75%	-0.67%	-0.43%	-0.38%	-0.41%
1995	568,826	101	(2,196)	2,297	0.41%	0.19%	-0.65%	-0.53%	-0.52%	-0.63%	-0.52%	-0.52%	-0.28%	-0.28%
1996	1,141,639	94,452		94,452	8.27%	5.66%	3.99%	2.98%	2.43%	2.10%	1.79%	1.61%	1.48%	1.50%
1997	875,696	60,670		60,670	6.93%	7.69%	6.09%	4.77%	3.91%	3.35%	2.99%	2.67%	2.45%	2.28%
1998	1,517,478	127,900		127,900	8.43%	7.88%	8.01%	6.96%	5.92%	5.23%	4.68%	4.32%	4.00%	3.74%
1999	1,844,190	53,435		53,435	2.90%	5.39%	5.71%	6.26%	5.70%	5.09%	4.62%	4.25%	3.99%	3.76%
2000	2,353,706	8,590		8,590	0.36%	1.48%	3.32%	3.80%	4.46%	4.19%	3.85%	3.56%	3.33%	3.17%
2001	104			0	0.00%	0.36%	1.48%	3.32%	3.80%	4.46%	4.19%	3.85%	3.56%	3.33%
2002				0	NA	0.00%	0.36%	1.48%	3.32%	3.80%	4.46%	4.19%	3.85%	3.56%
2003				0	NA	0.00%	0.36%	1.48%	3.32%	3.80%	4.46%	4.19%	3.85%	3.56%
2004				0	NA	NA	NA	0.00%	0.36%	1.48%	3.32%	3.80%	4.46%	4.19%
2005	\$1,723,374.85			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.21%	1.05%	2.55%	3.01%	3.65%
2006	\$10,653,104.84			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.06%	0.37%	1.05%	1.32%
2007	\$1,201,950.29		260,415	(260,415)	-21.67%	-2.20%	-1.92%	-1.92%	-1.92%	-1.92%	-1.92%	-1.58%	-1.12%	-0.37%
2008	\$1,602,502.53			0	0.00%	-9.29%	-1.94%	-1.72%	-1.72%	-1.72%	-1.72%	-1.44%	-1.02%	-1.02%
2009	1,182,564			0	0.00%	0.00%	-6.53%	-1.78%	-1.59%	-1.59%	-1.59%	-1.59%	-1.35%	-1.35%
2010	1,622,257		352,882	(352,882)	-21.75%	-12.58%	-8.01%	-10.93%	-3.77%	-3.41%	-3.41%	-3.41%	-3.41%	-3.41%
2011	1,963,880			0	0.00%	-9.84%	-7.40%	-5.54%	-8.10%	-3.36%	-3.07%	-3.07%	-3.07%	-3.07%

\* Pro forma Ret

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
 Distribution Meters - Telemetering  
 Account 381  
 1950-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2009	601,146	-	-	0	0.00%	0.00%								
2010	-	-	-	0	NA	0.00%	0.00%							
2011	-	-	-	0	NA	NA	0.00%	0.00%						

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
Distribution House Regulators  
Account 383  
1950-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
1950	1,070 #	145	53	92	8.60%	8.60%								
1951	301 #		98	38	12.62%	9.48%	9.48%							
1952	299 #	74	75	(1)	-0.33%	6.17%	7.72%	7.72%						
1953	558 #	61	95	(34)	-6.09%	-4.08%	0.26%							
1954	2,121 #	182	180	2	0.09%	-1.19%	-1.11%	0.15%		4.26%				
1955	6,116 #	1,638	169	1,469	24.02%	17.86%	16.34%	15.79%	15.69%	2.23%	14.96%	14.96%		
1956	13,364 #	61	234	(173)	-1.29%	6.65%	6.01%	5.70%	5.62%	5.72%	5.85%	5.85%		
1957	843 #	60	201	(141)	-16.73%	-2.21%	5.68%	5.16%	4.88%	4.82%	4.91%	4.91%	5.07%	
1958	2,713 #	80	544	(464)	-17.10%	-17.01%	-4.60%	3.00%	2.75%	2.56%	2.53%	2.78%	2.88%	2.88%
1959	2,036 #	516	393	123	6.04%	-7.18%	-8.62%	-3.46%	3.25%	3.00%	2.82%	2.78%	2.89%	3.10%
1960	11,596 #	2,540	507	2,033	17.53%	15.62%	10.35%	9.02%	4.51%	7.76%	7.34%	7.15%	7.10%	7.14%
1961	9,620 #	1,085	1,341	(256)	-2.66%	8.38%	8.17%	8.17%	4.83%	2.79%	5.60%	5.30%	5.23%	5.19%
1962	6,013 #	2,076	1,119	957	15.92%	4.48%	10.04%	9.76%	7.48%	6.86%	6.78%	6.52%	6.40%	6.40%
1963	9,762 #	4,111	1,100	3,011	30.84%	25.15%	14.62%	15.53%	15.04%	12.95%	12.36%	9.10%	10.57%	10.22%
1964	10,151 #	2,557	786	1,771	17.45%	24.01%	22.14%	15.43%	15.94%	15.83%	13.83%	13.34%	10.38%	11.54%
1965	2,188 #	716	643	73	3.34%	14.94%	21.97%	20.67%	14.72%	15.38%	15.01%	13.40%	12.94%	10.15%
1966	1,793 #	226	1,733	(1,507)	-84.05%	-36.02%	2.38%	14.01%	14.39%	10.24%	11.90%	11.67%	10.28%	9.87%
1967	4,161 #	866	1,905	(1,039)	-24.97%	-42.76%	-30.37%	-3.84%	8.23%	9.59%	6.89%	9.12%	9.01%	7.83%
1968	13,826 #	1,310	1,224	86	0.62%	-5.30%	-12.44%	-10.87%	-1.92%	5.72%	7.00%	5.38%	7.42%	7.38%
1969	16,243 #	4,883	1,243	3,640	22.41%	12.39%	7.85%	3.28%	3.28%	6.25%	10.38%	10.90%	9.13%	10.27%
1970	4,116 #	513	1,858	(1,345)	-32.68%	11.27%	6.97%	3.50%	-0.41%	-0.22%	3.20%	7.54%	8.27%	6.92%
1971	4,454 #	943	2,728	(1,785)	-40.08%	-36.52%	2.06%	1.54%	-1.04%	-4.37%	-4.01%	-0.19%	4.36%	5.31%
1972	18,791 #	2,242	1,452	790	4.20%	-4.28%	-8.55%	2.98%	2.41%	0.56%	-1.83%	-1.66%	0.90%	4.32%
1973	812 #	635	2,638	(2,003)	-846.67%	-6.19%	-12.46%	-15.42%	-1.58%	-1.06%	-2.65%	-4.93%	-4.65%	-1.72%
1974	27 #	23	2,383	(2,360)	-270.74%	-520.02%	-18.20%	-22.25%	-23.77%	-6.89%	-5.11%	-6.43%	-8.60%	-8.21%
1975	11,025 #	33	4,469	(4,336)	-40.24%	-61.49%	-74.17%	-26.13%	-27.90%	-28.40%	-13.52%	-10.70%	-11.51%	-13.23%
1976	4,020 #	1	1,563	(1,562)	-38.86%	-39.87%	-55.45%	-65.23%	-27.60%	-29.02%	-29.37%	-15.23%	-12.24%	-12.93%
1977	6,656 #	3,658	1,943	1,715	25.77%	1.43%	-19.74%	-30.57%	-38.36%	-19.01%	-21.06%	-22.02%	-11.11%	-9.08%
1978	224 #	106	2,460	(2,354)	-1050.89%	-9.29%	-20.19%	-40.98%	-48.32%	-24.57%	-26.07%	-26.07%	-14.62%	-14.62%
1979	626 #	284	1,941	(1,657)	-264.70%	-471.88%	-30.59%	-33.47%	-36.78%	-47.19%	-54.11%	-28.13%	-29.27%	-29.55%
1980	920 #		4,775	(4,775)	-519.02%	-416.04%	-496.38%	-83.92%	-69.36%	-55.68%	-71.71%	-65.66%	-38.61%	-38.75%
1981	10,487 #	1,138	11,295	(10,157)	-96.85%	-130.90%	-137.86%	-154.55%	-91.09%	-81.93%	-68.40%	-75.29%	-79.29%	-50.01%
1982	- #	700	6,367	(5,667)	NA	-150.89%	-180.58%	-184.96%	-200.78%	-121.05%	-106.65%	-85.08%	-91.96%	-95.57%
1983	1 #	216	3,941	(3,725)	-372500.00%	-939200.00%	-186.39%	-213.22%	-215.90%	-231.16%	-140.74%	-122.88%	-96.05%	-102.92%
1984	(1) #	31	5,927	(5,896)	589600.00%	NA	NA	NA	-264.93%	-264.91%	-279.28%	-171.92%	-148.60%	-113.42%
1985	1 #	125	3,272	(3,147)	-314700.00%	NA	-1276800.00%	-1843500.00%	-272.62%	-292.49%	-291.04%	-304.93%	-188.55%	-162.31%
1986	- #	287	8,247	(7,960)	NA	-1110700.00%	NA	-2072800.00%	NA	-2639500.00%	-348.51%	-362.26%	-357.19%	-230.64%
1987	- #	725	5,478	(4,753)	NA	NA	-1586000.00%	NA	NA	-2548100.00%	-3114800.00%	-393.83%	-403.93%	-396.68%
1988	1 #	269	9,801	(9,532)	-953200.00%	-1428500.00%	-2224500.00%	-1269600.00%	-3128800.00%	-1750650.00%	-2034000.00%	-484.67%	-487.44%	-475.85%
1989	- #	166	166	(166)	NA	-969800.00%	-1445100.00%	-2241100.00%	-1277900.00%	-3145400.00%	-1758950.00%	-2042300.00%	-486.25%	-488.89%
1990	1 #	442	14,537	(14,095)	-1409500.00%	-1426100.00%	-1189650.00%	-1427300.00%	-1825300.00%	-1321766.67%	-2277450.00%	-1642466.67%	-1831366.67%	-620.57%
1991	- #	1	6,816	(6,815)	NA	-2091000.00%	-2107600.00%	-1530400.00%	-1768050.00%	-2166050.00%	-1548933.33%	-2618200.00%	-1869633.33%	-2058533.33%
1992	- #	193	7,188	(6,995)	NA	NA	-2790500.00%	-2807100.00%	-1880150.00%	-2117800.00%	-2515800.00%	-1782100.00%	-2967950.00%	-2102800.00%
1993	185,044 #	-	-	0	0.00%	-3.78%	-7.46%	-15.08%	-15.17%	-20.32%	-22.89%	-27.19%	-28.89%	-32.08%
1994	133,048 #	-	-	0	0.00%	0.00%	-2.20%	-4.34%	-8.77%	-8.82%	-11.82%	-13.32%	-15.82%	-16.81%
1995	124,714 #	-	-	0	0.00%	0.00%	0.00%	-1.58%	-6.30%	-3.12%	-6.34%	-8.49%	-9.57%	-11.36%
1996	194,036 #	-	-	0	0.00%	0.00%	0.00%	0.00%	-1.10%	-2.17%	-4.38%	-4.41%	-5.90%	-6.65%
1997	243,744 #	-	-	0	0.00%	0.00%	0.00%	0.00%	-0.79%	-0.79%	-1.57%	-3.17%	-3.19%	-4.27%
1998	560,791 #	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.49%	-0.96%	-1.94%	-1.95%
1999	- #	(12,615)	-	(12,615)	NA	-2.25%	-1.57%	-1.26%	-1.22%	-1.00%	-0.88%	-1.36%	-1.83%	-2.81%
2000	788,842 #	-	-	0	0.00%	-1.60%	-0.93%	-0.79%	-0.71%	-0.66%	-0.62%	-0.57%	-0.88%	-1.18%
2001	- #	-	-	0	NA	0.00%	-1.60%	-0.93%	-0.79%	-0.66%	-0.62%	-0.57%	-0.88%	-1.18%
2002	- #	-	-	0	NA	0.00%	0.00%	-1.60%	-0.93%	-0.79%	-0.62%	-0.57%	-0.88%	-1.18%
2003	2,330 #	-	-	0	0.00%	0.00%	0.00%	0.00%	-1.59%	-0.93%	-0.79%	-0.70%	-0.66%	-0.62%
2004	- #	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	-1.59%	-0.93%	-0.79%	-0.66%	-0.62%
2005	- #	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	-1.59%	-0.93%	-0.79%	-0.66%	-0.62%
2006	- #	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-1.59%	-0.93%	-0.79%
2007	603,813 #	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.90%	-0.65%
2008	- #	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.90%
2009	- #	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	69 #	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	12 #	-	2,849	(2,849)	-23965.10%	-3511.34%	-3511.34%	-3511.34%	-3511.34%	-0.47%	-0.47%	-0.47%	-0.47%	-0.47%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
General Structures & Improvements  
Account 390  
1950-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
1950	-	-	-	0	NA	NA								
1951	-	-	-	0	NA	NA								
1952	-	-	-	0	NA	NA	NA	NA						
1953	-	-	-	0	NA	NA	NA	NA	NA					
1954	-	-	-	0	NA	NA	NA	NA	NA	NA				
1955	-	-	-	0	NA	NA	NA	NA	NA	NA	NA			
1956	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
1957	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1958	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1959	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1960	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1961	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1962	-	-	18	(18)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1963	-	-	57	(57)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1964	-	710	64	646	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1965	-	10,414	-	10,414	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1966	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1967	4,173	-	-	0	0.00%	0.00%	249.56%	265.04%	263.67%	263.24%	263.24%	263.24%	263.24%	263.24%
1968	-	-	-	0	NA	0.00%	249.56%	265.04%	263.67%	263.24%	263.24%	263.24%	263.24%	263.24%
1969	-	-	-	0	NA	NA	0.00%	0.00%	249.56%	265.04%	263.67%	263.24%	263.24%	263.24%
1970	206	30	7	23	11.17%	11.17%	11.17%	0.53%	238.34%	253.09%	253.09%	253.09%	253.09%	253.09%
1971	-	-	-	0	NA	11.17%	11.17%	11.17%	0.53%	238.34%	253.09%	253.09%	253.09%	253.09%
1972	-	-	-	0	NA	NA	11.17%	11.17%	0.53%	238.34%	253.09%	253.09%	253.09%	253.09%
1973	-	-	-	0	NA	NA	NA	11.17%	11.17%	0.53%	238.34%	253.09%	253.09%	253.09%
1974	-	-	-	0	NA	NA	NA	NA	11.17%	11.17%	0.53%	238.34%	253.09%	253.09%
1975	-	-	-	0	NA	NA	NA	NA	NA	11.17%	11.17%	0.53%	238.34%	253.09%
1976	-	-	-	0	NA	NA	NA	NA	NA	11.17%	11.17%	0.53%	238.34%	253.09%
1977	-	-	-	0	NA	NA	NA	NA	NA	NA	11.17%	11.17%	0.53%	238.34%
1978	6,719	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.33%	11.17%
1979	-	17	86,083	(86,066)	NA	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1242.50%
1980	-	-	-	0	NA	NA	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%
1981	-	-	-	0	NA	NA	NA	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%
1982	-	-	-	0	NA	NA	NA	NA	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%
1983	-	-	-	0	NA	NA	NA	NA	NA	-1280.93%	-1280.93%	-1280.93%	-1280.93%	-1280.93%
1984	-	-	-	0	NA	NA	NA	NA	NA	NA	-1280.93%	-1280.93%	-1280.93%	-1280.93%
1985	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	-1280.93%	-1280.93%	-1280.93%
1986	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	-1280.93%	-1280.93%
1987	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	-1280.93%
1988	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1989	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1994	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999	5,000	(12,615)	-	(12,615)	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%
2000	-	-	-	0	NA	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%
2001	-	-	-	0	NA	NA	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%
2002	-	-	-	0	NA	NA	NA	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%	-252.30%
2003	2,330	-	-	0	0.00%	0.00%	0.00%	0.00%	-172.11%	-172.11%	-172.11%	-172.11%	-172.11%	-172.11%
2004	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	-172.11%	-172.11%	-172.11%	-172.11%	-172.11%
2005	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	-172.11%	-172.11%	-172.11%	-172.11%
2006	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	-172.11%	-172.11%	-172.11%
2007	0	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-172.11%	-172.11%
2008	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-172.11%
2009	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%



Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
 General Office Furniture & Equipment  
 Account 391  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	-			0	NA	NA	NA	NA	NA					
2005	-			0	NA	NA	NA	NA	NA	NA				
2006	314			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	1,354			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	-			0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	107,074	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Xcel Energy Gas Plant  
 General Network Equipment  
 Account 391  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	211,126			0	0.00%	0.00%	0.00%							
2003	891,533			0	0.00%	0.00%	0.00%	0.00%						
2004	1,195,553			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	20,385			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2006	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
2007	1,934			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	28,745			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
General Transportation Equipment - Automobiles  
Account 392  
2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	-			0	NA	NA	NA	NA	NA					
2005	-			0	NA	NA	NA	NA	NA	NA				
2006	-			0	NA	NA	NA	NA	NA	NA	NA			
2007	-			0	NA	NA	NA	NA	NA	NA	NA	NA		
2008	-			0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2009	-			0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Xcel Energy Gas Plant  
General Transportation Equipment - Light Trucks  
Account 392  
2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	95214.23			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	11236.34			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	-			0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
2011	-	-	(5,720)	5,720	NA	NA	NA	NA	NA	NA	50.91%	5.37%	5.37%	5.37%

Xcel Energy Gas Plant  
General Transportation Equipment - Trailers  
Account 392  
2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	192,824			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	-			0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	-			0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	-			0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
 General Transportation Equip - Heavy Trucks  
 Account 392  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA								
2003	-			0	NA	NA	NA							
2004	1,102,569			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	-			0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	-			0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	-			0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
General Stores Equipment  
Account 393  
2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	-			0	NA	NA	NA	NA	NA					
2005	-			0	NA	NA	NA	NA	NA	NA				
2006	-			0	NA	NA	NA	NA	NA	NA	NA			
2007	-			0	NA	NA	NA	NA	NA	NA	NA	NA		
2008	-			0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2009	-			0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Xcel Energy Gas Plant  
General Tools, Shop & Garage Equipment  
Account 394  
2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	59,775			0	0.00%	0.00%	0.00%							
2003	149,102			0	0.00%	0.00%	0.00%	0.00%						
2004	652,196			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	395,221			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	316,359			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	525,912			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	1,270,951			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	413,970	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Xcel Energy Gas Plant  
General Laboratory Equipment  
Account 395  
2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	-			0	NA	NA	NA	NA	NA					
2005	11,898			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	310			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	33,318			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	7,380			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	#	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	2,517	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
 General Power Operated Equipment  
 Account 396  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA	NA								
2002	-			0	NA	NA	NA							
2003	-			0	NA	NA	NA	NA						
2004	-			0	NA	NA	NA	NA	NA					
2005	-			0	NA	NA	NA	NA	NA	NA				
2006	-			0	NA	NA	NA	NA	NA	NA	NA			
2007	66,375			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2009	-			0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	82,379	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Gas Plant  
 General Communication Equipment  
 Account 397  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA									
2002	-			0	NA									
2003	8,730			0	0.00%	0.00%	0.00%	0.00%						
2004	1,846,637			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	87,979			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	125,517			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	179,437			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	11,640	-	21,350	(21,350)	-183.42%	-183.42%	-11.17%	-11.17%	-6.74%	-6.74%	-5.28%	-0.95%	-0.94%	-0.94%

Xcel Energy Gas Plant  
 General Communication Equipment - AES  
 Account 397  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA									
2002	-			0	NA									
2003	-			0	NA									
2004	3,294			0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	26,179			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2007	45,532			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	5,338			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	2,147	-	71	(71)	-3.30%	-3.30%	-0.95%	-0.95%	-0.13%	-0.09%	-0.09%	-0.09%	-0.09%	-0.09%

Xcel Energy Gas Plant  
 General Miscellaneous Equipment  
 Account 398  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-			0	NA									
2001	-			0	NA									
2002	33,743			0	0.00%	0.00%	0.00%							
2003	-			0	NA	0.00%	0.00%	0.00%						
2004	-			0	NA	0.00%	0.00%	0.00%	0.00%					
2005	10,161			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	500			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-			0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	5,493			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

		Xcel Energy Common Plant General Structures & Improvements Account 390 1950-2011													
Transaction Year	Transactional History	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr	3- yr	4- yr	5- yr	6- yr	7- yr	8- yr	9- yr	10- yr	
	Retirements					Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %	Net Salv. %
1950	-	166	515	(349)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1951	-	5,275	315	4,960	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1952	-	3,244	8,829	(5,585)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1953	-	72	1,538	(1,466)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1954	3,838	291	330	(39)	-1.02%	-39.21%	-184.73%	-55.50%	-64.59%	-64.59%	-11.51%	-11.51%	-12.46%	-18.13%	
1955	18,486	761	852	(91)	-0.49%	-0.58%	-7.15%	-32.17%	-9.95%	-11.51%	-11.51%	-12.46%	-12.46%	-18.13%	
1956	4,839	21	836	(815)	-16.84%	-3.88%	-3.48%	-8.88%	-29.44%	-11.18%	-12.46%	-12.46%	-12.46%	-18.13%	
1957	13,482	105	4,087	(3,982)	-29.54%	-26.18%	-13.28%	-12.12%	-15.73%	-29.47%	-17.27%	-17.27%	-17.27%	-18.13%	
1958	2,714	18	376	(358)	-13.19%	-26.80%	-24.51%	-13.27%	-15.57%	-28.45%	-17.01%	-17.01%	-17.01%	-17.82%	
1959	8,307	193	3,195	(3,002)	-36.14%	-30.49%	-29.96%	-27.80%	-17.25%	-16.04%	-18.88%	-29.69%	-20.09%	-20.76%	
1960	15,779	1,622	2,834	(1,212)	-7.68%	-17.50%	-17.06%	-17.06%	-20.76%	-14.87%	-14.08%	-16.26%	-24.54%	-17.18%	
1961	2,083	196	209	(13)	-0.62%	-6.86%	-16.15%	-15.87%	-20.22%	-19.88%	-14.42%	-13.68%	-15.79%	-23.82%	
1962	25,737	10,289	823	9,466	36.78%	33.98%	18.90%	10.09%	8.94%	1.32%	-0.01%	-0.05%	-1.59%	-1.59%	
1963	140,146	10,264	18,238	(7,974)	-5.69%	0.90%	0.88%	0.15%	-1.42%	-1.59%	-3.40%	-3.70%	-3.45%	-3.41%	
1964	107,205	10,087	5,345	4,742	4.42%	-1.31%	2.28%	2.26%	1.72%	0.67%	0.55%	-0.74%	-0.98%	-0.96%	
1965	15,077	1,474	6,394	(4,920)	-32.63%	-0.15%	-3.11%	0.46%	0.45%	0.03%	-0.93%	-1.03%	-2.19%	-2.41%	
1966	4,044	453	2,917	(2,464)	-60.93%	-38.62%	-2.09%	-3.98%	-0.39%	-0.40%	-0.77%	-1.69%	-1.79%	-2.90%	
1967	58,592	7	17,205	(17,198)	-29.35%	-31.39%	-31.63%	-10.73%	-8.56%	-5.23%	-5.20%	-5.31%	-5.99%	-6.04%	
1968	19,259	-	3,244	(3,244)	-16.84%	-26.28%	-27.97%	-28.69%	-11.31%	-9.02%	-5.83%	-5.81%	-5.88%	-6.52%	
1969	8,601	-	2,733	(2,733)	-31.78%	-21.45%	-26.81%	-28.33%	-28.95%	-12.13%	-9.57%	-6.42%	-6.39%	-6.44%	
1970	86,893	43,219	6,651	36,568	42.08%	35.43%	26.66%	7.73%	6.16%	3.12%	3.59%	0.63%	2.63%	2.62%	
1971	13,763	-	526	(526)	-3.82%	35.81%	30.49%	23.39%	6.88%	5.44%	2.66%	3.26%	0.50%	2.44%	
1972	4,132	-	8	(8)	-0.19%	-2.98%	34.39%	29.37%	22.66%	6.72%	5.32%	2.60%	3.22%	0.49%	
1973	872,996	44,839	10,842	33,997	3.89%	3.88%	3.76%	7.16%	6.82%	6.37%	4.40%	4.16%	3.64%	3.71%	
1974	1,570,779	1,466,498	5,135	1,461,363	93.03%	61.19%	61.09%	60.72%	60.09%	59.78%	59.21%	57.24%	57.06%	56.55%	
1975	25,890	(350)	5,527	(5,877)	-22.70%	91.16%	60.21%	59.86%	59.26%	58.95%	58.39%	56.46%	56.28%	56.28%	
1976	356,901	150,442	133	150,309	42.12%	37.73%	82.20%	58.01%	57.93%	57.63%	57.17%	56.91%	56.43%	54.76%	
1977	78,590	50	5,195	(5,145)	-6.55%	33.33%	30.19%	78.77%	56.27%	56.19%	55.90%	55.51%	55.26%	54.80%	
1978	355,035	126	16,659	(16,533)	-4.66%	-5.00%	16.27%	15.04%	66.36%	49.63%	49.57%	49.35%	49.16%	48.95%	
1979	340,526	46,788	37,531	9,257	2.72%	-1.05%	-1.60%	12.19%	11.41%	58.41%	45.20%	45.14%	44.96%	44.89%	
1980	50,444	3	20,342	(20,339)	-40.32%	-2.83%	-3.70%	-3.97%	9.95%	9.25%	56.62%	44.01%	43.96%	43.79%	
1981	122,795	200	37,620	(37,420)	-30.47%	-33.34%	-9.44%	-7.49%	-7.41%	6.14%	5.58%	52.93%	41.59%	41.54%	
1982	128,351	436	61,662	(61,226)	-47.70%	-39.28%	-39.45%	-17.09%	-12.66%	-12.22%	1.32%	0.89%	48.67%	38.65%	
1983	75,412	-	14,787	(14,787)	-19.61%	-37.30%	-34.74%	-35.48%	-13.15%	-12.70%	0.27%	-0.11%	47.01%	47.01%	
1984	100,074	1,614	46,579	(44,965)	-44.93%	-34.05%	-39.82%	-37.13%	-37.47%	-20.73%	-15.86%	-15.28%	-2.54%	-2.86%	
1985	159,597	9,586	24,376	(14,790)	-9.27%	-23.01%	-22.25%	-29.30%	-29.54%	-30.40%	-18.86%	-15.07%	-14.60%	-3.15%	
1986	120,758	981	22,345	(21,364)	-17.69%	-12.90%	-21.32%	-21.04%	-26.90%	-27.52%	-28.37%	-18.73%	-15.29%	-14.84%	
1987	532,596	15,455	81,237	(65,782)	-12.35%	-13.34%	-12.54%	-16.09%	-19.96%	-19.96%	-21.00%	-21.76%	-16.65%	-14.50%	
1988	234,014	900	73,665	(72,765)	-31.09%	-18.07%	-18.02%	-16.69%	-19.15%	-19.18%	-21.89%	-22.60%	-23.19%	-18.46%	
1989	98,844	6,687	51,125	(44,438)	-44.96%	-35.21%	-21.14%	-20.72%	-19.13%	-21.20%	-21.11%	-23.46%	-24.01%	-24.52%	
1990	74,391	596	47,660	(47,064)	-63.27%	-52.82%	-40.34%	-24.48%	-23.70%	-21.82%	-23.57%	-23.35%	-25.40%	-25.78%	
1991	379,278	-	0	0	0.00%	-10.37%	-16.56%	-20.89%	-17.44%	-17.46%	-16.64%	-18.31%	-18.36%	-20.34%	
1992	-	-	0	0	NA	0.00%	-10.37%	-16.56%	-20.89%	-17.44%	-17.46%	-16.64%	-18.31%	-18.36%	
1993	137,308	-	295	(295)	-0.21%	-0.21%	-0.06%	-8.01%	-13.31%	-17.81%	-15.82%	-15.96%	-15.34%	-16.96%	
1994	710,934	15	68,084	(68,069)	-9.57%	-8.06%	-8.06%	-5.57%	-8.87%	-11.41%	-14.23%	-13.77%	-13.98%	-13.87%	
1995	203,334	-	11,005	(11,005)	-5.41%	-8.65%	-7.55%	-7.55%	-5.55%	-8.40%	-10.65%	-13.25%	-13.05%	-13.28%	
1996	-	3,300	18,782	(15,482)	NA	-13.03%	-10.34%	-9.02%	-6.63%	-9.43%	-11.62%	-11.62%	-13.70%	-13.70%	
1997	734,589	(24,000)	770	(24,770)	-3.37%	-5.48%	-5.48%	-7.24%	-6.70%	-6.70%	-5.52%	-7.44%	-9.03%	-11.03%	
1998	498,647	(57,058)	56,657	(113,715)	-22.80%	-11.23%	-12.48%	-11.48%	-10.85%	-10.21%	-10.21%	-8.76%	-10.24%	-11.45%	
1999	262,683	(104,367)	56,672	(161,039)	-61.31%	-36.09%	-20.02%	-21.06%	-19.19%	-16.35%	-15.48%	-15.48%	-13.47%	-14.71%	
2000	-	-	11,128	(11,128)	NA	-65.54%	-20.77%	-37.55%	-20.77%	-21.80%	-19.84%	-16.81%	-15.92%	-13.85%	
2001	11,177	-	2,928	(2,928)	-26.20%	-125.76%	-63.94%	-37.39%	-20.81%	-21.83%	-19.88%	-16.86%	-15.96%	-15.96%	
2002	84,542	-	0	0	0.00%	-3.06%	-14.68%	-48.85%	-33.70%	-19.70%	-20.67%	-18.95%	-16.29%	-15.45%	
2003	-	-	0	0	NA	0.00%	-3.06%	-14.68%	-48.85%	-33.70%	-19.70%	-20.67%	-18.95%	-16.29%	
2004	-	-	0	0	NA	0.00%	-3.06%	-14.68%	-48.85%	-33.70%	-19.70%	-20.67%	-18.95%	-16.29%	
2005	2,234,380	1,170,215	30,562	1,139,653	51.01%	51.01%	51.01%	49.15%	48.78%	48.31%	37.20%	27.52%	21.59%	21.19%	
2006	623,658	200,611	391,986	(191,376)	-30.69%	33.18%	33.18%	33.18%	32.23%	32.00%	31.63%	24.04%	17.75%	14.26%	
2007	2,085,723	-	1,689,125	(1,689,125)	-80.99%	-69.41%	-14.99%	-14.99%	-14.99%	-14.73%	-14.76%	-14.98%	-17.27%	-17.75%	
2008	1,493,463	-	1,988,153	(1,988,153)	-133.12%	-102.74%	-92.05%	-42.39%	-42.39%	-42.39%	-41.84%	-41.82%	-41.99%	-42.73%	
2009	34,948	-	0	0	0.00%	-130.08%	-101.75%	-91.29%	-42.17%	-42.17%	-42.17%	-41.62%	-41.60%	-41.76%	
2010	-	-	0	0	NA	0.00%	-130.08%	-101.75%	-91.29%	-42.17%	-42.17%	-42.17%	-41.62%	-41.60%	
2011	-	(10,312)	1,041,313	(1,051,625)	NA	NA	-3009.11%	-198.88%	-130.84%	-116.10%	-58.41%	-58.41%	-58.41%	-57.66%	

NA - Not Applicable

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Common Plant  
 General Office Furniture & Equipment  
 Account 391  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA									
2002	11,807	-	-	0	0.00%	0.00%	0.00%							
2003	784,169	-	-	0	0.00%	0.00%		0.00%						
2004	685,962	7,700	-	7,700	1.12%	0.52%	0.52%	0.52%	0.52%					
2005	-	12,781	-	12,781	NA	2.99%	1.39%	1.38%		1.38%				
2006	-	2,150	1,797	353	NA	NA	3.04%	1.42%	1.41%	1.41%				
2007	1,086,869	180	10,001	(9,821)	-0.90%	-0.87%	0.30%	0.62%	0.43%	0.43%		0.43%		
2008	989,344	(351,919)	-	(351,919)	-35.57%	-17.42%	-17.41%	-16.79%	-12.34%	-9.61%	-9.58%	-9.58%	-9.58%	
2009	59,885	-	8,869	(8,869)	-14.81%	-34.39%	-17.35%	-17.33%	-16.73%	-12.39%	-9.70%	-9.67%	-9.67%	-9.67%
2010	-	-	-	0	NA	-14.81%	-34.39%	-17.35%	-17.33%	-16.73%	-12.39%	-9.70%	-9.67%	-9.67%
2011	859,438	-	48,000	(48,000)	-5.59%	-5.59%	-6.19%	-21.42%	-13.97%	-13.96%	-13.54%	-10.80%	-8.91%	-8.88%

Xcel Energy Common  
 General Network Equipment  
 Account 391  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA									
2002	852,835	-	-	0	0.00%	0.00%	0.00%							
2003	32,731,604	-	-	0	0.00%	0.00%	0.00%	0.00%						
2004	35,907,145	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	3,379,968	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%					
2006	726,936	-	-	0	0.00%	-0.01%	0.00%	0.00%	0.00%	0.00%				
2007	5,880,457	-	335	(335)	-0.05%	-0.01%	0.00%	0.00%	0.00%	0.00%	0.00%			
2008	10,701,667	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2009	(787,840)	327,097	478,143	(151,046)	19.17%	-1.52%	-0.96%	-0.92%	-0.76%	-0.27%	-0.17%	-0.17%	-0.17%	-0.17%
2010	-	-	-	0	NA	19.17%	-1.52%	-0.96%	-0.92%	-0.76%	-0.27%	-0.17%	-0.17%	-0.17%
2011	19,747,779	33,319	17,090	16,229	0.08%	0.08%	-0.71%	-0.45%	-0.38%	-0.37%	-0.34%	-0.18%	-0.12%	-0.12%



Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Common Plant  
 General Transportation Equipment - Automobiles  
 Account 392  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA	NA								
2002	-	-	-	0	NA	NA	NA							
2003	-	-	-	0	NA	NA	NA	NA						
2004	-	75,586	-	75,586	NA	NA	NA	NA	NA					
2005	-	-	-	0	NA	NA	NA	NA	NA	NA				
2006	-	-	-	0	NA	NA	NA	NA	NA	NA	NA			
2007	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
2008	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2009	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Xcel Energy Common Plant  
 General Transportation Equipment - Light Trucks  
 Account 392  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA	NA								
2002	-	-	-	0	NA	NA	NA							
2003	-	-	-	0	NA	NA	NA	NA						
2004	108,012	2,441	-	2,441	2.26%	2.26%	2.26%	2.26%	2.26%					
2005	-	43,830	-	43,830	NA	42.84%	42.84%	42.84%	42.84%	42.84%				
2006	-	5,067	91	4,996	NA	NA	47.46%	47.46%	47.46%	47.46%	47.46%			
2007	-	3,737	-	3,737	NA	NA	NA	50.92%	50.92%	50.92%	50.92%			
2008	-	-	4,275	(4,275)	NA	NA	NA	NA	46.97%	46.97%	46.97%	46.97%		
2009	-	-	-	0	NA	NA	NA	NA	NA	46.97%	46.97%	46.97%	46.97%	46.97%
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	46.97%	46.97%	46.97%	46.97%
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	46.97%	46.97%	46.97%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Common Plant  
 General Transportation Equipment - Trailers  
 Account 392  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA	NA								
2002	-	-	-	0	NA	NA	NA							
2003	-	-	-	0	NA	NA	NA	NA						
2004	-	-	-	0	NA	NA	NA	NA	NA					
2005	-	-	-	0	NA	NA	NA	NA	NA	NA				
2006	-	-	-	0	NA	NA	NA	NA	NA	NA	NA			
2007	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
2008	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2009	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Xcel Energy Common Plant  
 General Transportation Equipment - Heavy Trucks  
 Account 392  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA	NA								
2002	-	-	-	0	NA	NA	NA							
2003	-	-	-	0	NA	NA	NA	NA						
2004	35,125	50,391	-	50,391	143.46%	143.46%	143.46%	143.46%	143.46%					
2005	-	-	-	0	NA	143.46%	143.46%	143.46%	143.46%	143.46%				
2006	-	-	-	0	NA	NA	143.46%	143.46%	143.46%	143.46%	143.46%			
2007	-	-	-	0	NA	NA	NA	143.46%	143.46%	143.46%	143.46%	143.46%		
2008	-	-	-	0	NA	NA	NA	NA	143.46%	143.46%	143.46%	143.46%	143.46%	
2009	-	-	-	0	NA	NA	NA	NA	NA	143.46%	143.46%	143.46%	143.46%	143.46%
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	143.46%	143.46%	143.46%	143.46%
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	143.46%	143.46%	143.46%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Common Plant  
 General Stores Equipment  
 Account 393  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA									
2002	-	-	-	0	NA									
2003	125,531	-	-	0	0.00%	0.00%	0.00%	0.00%						
2004	51,469	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	69,759	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	165,198	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	113,152	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	351,877	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Xcel Energy Common Plant  
 General Tools, Shop & Garage Equipment  
 Account 394  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA									
2002	271,426	-	-	0	0.00%	0.00%	0.00%							
2003	126,619	-	-	0	0.00%	0.00%	0.00%	0.00%						
2004	236,890	5,379	-	5,379	2.27%	1.48%	0.85%	0.85%	0.85%					
2005	568,743	-	-	0	0.00%	0.67%	0.58%	0.45%	0.45%					
2006	139,917	-	-	0	0.00%	1.36%	1.59%	1.40%	1.12%	1.12%				
2007	368,342	12,259	2,642	9,618	0.00%	1.89%	0.89%	1.14%	1.04%	0.86%	0.86%			
2008	98,515	-	-	0	0.00%	0.00%	1.59%	0.82%	1.06%	0.97%	0.83%	0.83%	0.83%	
2009	291,266	-	-	0	0.00%	0.00%	0.00%	1.07%	0.66%	0.88%	0.82%	0.71%	0.71%	0.71%
2010	-	-	-	0	NA	0.00%	0.00%	0.00%	1.07%	0.66%	0.88%	0.82%	0.71%	0.71%
2011	170,079	-	7,103	(7,103)	-4.18%	-4.18%	-1.54%	-1.27%	-0.77%	0.24%	0.15%	0.42%	0.39%	0.35%

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Common  
 General Laboratory Equipment  
 Account 395  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA	NA								
2002	26,373	-	-	0	0.00%	0.00%	0.00%							
2003	-	-	-	0	NA	0.00%	0.00%	0.00%						
2004	9,610	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	-	-	-	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	-	-	-	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	-	-	-	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	-	-	-	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	-	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%

Xcel Energy Common Plant  
 General Power Operated Equipment  
 Account 396  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA	NA								
2002	-	-	-	0	NA	NA	NA							
2003	-	-	-	0	NA	NA	NA	NA						
2004	-	-	-	0	NA	NA	NA	NA	NA					
2005	-	-	-	0	NA	NA	NA	NA	NA	NA				
2006	-	-	-	0	NA	NA	NA	NA	NA	NA	NA			
2007	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
2008	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2009	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2010	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	-	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Northern States Power Company - Minnesota: Transmission, Distribution & General Study

Xcel Energy Common Plant  
 General Communication Equipment  
 Account 397  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA									
2002	2,147,381	-	-	0	0.00%	0.00%	0.00%							
2003	-	-	-	0	NA			0.00%						
2004	5,675,203	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	7,019,641	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	734,267	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	189,472	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
2008	127,474	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2009	1,147,802	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2010	-	-	-	0	NA			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2011	1,105,612	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Xcel Energy Common Plant  
 General Communication Equipment - AES  
 Account 397  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA									
2002	3,669,806	-	-	0	0.00%	0.00%	0.00%							
2003	380,447	-	-	0	0.00%	0.00%	0.00%	0.00%						
2004	836,004	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	490,062	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	-	-	-	0	NA			0.00%	0.00%	0.00%				
2007	2,720,952	-	395,655	(395,655)	-14.54%	-14.54%	-12.32%	-9.78%	-9.55%	-8.99%	0.00%	-4.89%		
2008	97,882	-	-	0	0.00%	-14.04%	-14.04%	-11.96%	-9.55%	-8.74%	-4.83%	-4.83%	-4.83%	
2009	-	-	-	0	NA			-14.04%	-11.96%	-9.55%	-8.74%	-4.83%	-4.83%	-4.83%
2010	-	-	-	0	NA			-14.04%	-14.04%	-11.96%	-9.55%	-8.74%	-4.83%	-4.83%
2011	3,562,640	-	-	0	0.00%	0.00%	0.00%	0.00%	-6.20%	-6.20%	-5.76%	-5.13%	-4.89%	-3.37%

Xcel Energy Common Plant  
 General Miscellaneous Equipment  
 Account 398  
 2000-2011

Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
2000	-	-	-	0	NA									
2001	-	-	-	0	NA									
2002	225,190	-	-	0	0.00%	0.00%	0.00%							
2003	1,875	-	-	0	0.00%	0.00%	0.00%	0.00%						
2004	7,482	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%					
2005	54,187	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
2006	145,815	-	-	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
2007	164,511	-	7,622	(7,622)	-4.63%	-2.46%	-2.09%	-2.05%	-2.04%	-1.27%	-1.27%	-1.27%		
2008	42,440	-	-	0	0.00%	-3.68%	-2.16%	-1.87%	-1.84%	-1.83%	-1.19%	-1.19%	-1.19%	
2009	35,714	-	-	0	0.00%	0.00%	-3.14%	-1.96%	-1.72%	-1.69%	-1.69%	-1.13%	-1.13%	-1.13%
2010	-	-	-	0	NA			0.00%	-3.14%	-1.96%	-1.69%	-1.69%	-1.13%	-1.13%
2011	18,100	0	6003	(6,003)	-33.17%	-33.17%	-11.16%	-6.24%	-5.22%	-3.35%	-2.96%	-2.91%	-2.90%	-1.96%

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Electric Transmission							
350	Land - Fee	8,832,751	1,608,600	(69,988)	(450,313)	-	9,921,051
350	Land - Other	36,365,012	(33,346)	-	(655,990)	-	35,675,676
352	Structures & Improvements	22,439,414	2,517,853	-	1,171,900	-	26,129,166
353	Station Equipment	554,781,904	58,966,768	(1,694,619)	6,177,092	-	618,231,145
354	Towers & Fixtures	113,941,652	(491,796)	(703,227)	(1,428,468)	-	111,318,161
355	Poles & Fixtures	246,068,649	122,263,133	(1,482,891)	8,320,472	-	375,169,363
356	Overhead Conductor & Devices	210,512,544	38,543,262	(1,512,852)	(11,068,591)	-	236,474,363
357	Underground Conduit	8,116,831	5,892	-	244,492	-	8,367,215
358	Underground Conductor & Devices	12,613,801	1,359,201	-	55,216	-	14,028,218
Total Electric Transmission		1,213,672,558	224,739,567	(5,463,577)	2,365,810	-	1,435,314,358
Electric Distribution							
360	Land - Fee	12,983,102	120,839	(11,820)	(3,355)	-	13,088,766
360	Land - Other	37,058	(2,157)	-	-	-	34,901
361	Structures & Improvements	27,373,758	622,719	(31)	(430,594)	-	27,565,852
362	Station Equipment	390,490,201	20,619,929	(3,664,102)	(2,056,771)	-	405,389,258
364	Poles, Towers & Fixtures	254,621,564	11,734,981	(832,466)	4,202	-	265,528,280
365	Overhead Conductor & Devices	302,659,414	17,231,529	(6,258,148)	(48,123)	-	313,584,673
366	Underground Conduit	168,265,756	6,430,723	(216,824)	(20,461)	-	174,459,193
367	Underground Conductor & Devices	744,573,191	33,468,744	(1,825,678)	43,651	-	776,259,909
369	Services - Overhead	75,583,248	1,004,580	(81,302)	-	-	76,506,525
369	Services - Underground	178,882,637	5,948,353	(47,883)	14,884	-	184,797,991
373	Street Light & Signal Systems	42,633,288	3,587,709	(454,489)	-	-	45,766,508
Total Electric Distribution		2,198,103,217	100,767,950	(13,392,743)	(2,496,567)	-	2,282,981,857
Electric General							
389	Land - Fee	4,355,541	-	-	-	-	4,355,541
389	Land - Other	665	-	-	-	-	665
390	Structures & Improvements	60,277,017	872,529	(370,702)	(5,606,735)	-	55,172,108
Total Electric General		64,633,223	872,529	(370,702)	(5,606,735)	-	59,528,314
Total Electric Utility		3,476,408,998	326,380,045	(19,227,021)	(5,737,492)	-	3,777,824,529

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Gas Transmission							
365	Land - Fee	758,889	219,012	-	(107,170)	-	870,731
365	Land - Other	2,322,909	161,908	-	-	-	2,484,816
366	Structures & Improvements	853,592	(104,169)	(11,909)	-	-	737,514
367	Mains	40,141,704	6,155,673	(118,421)	-	-	46,178,956
369	Measure & Regulating Station Equipment	8,124,771	104,663	(23,421)	107,170	-	8,313,183
Total Gas Transmission		52,201,865	6,537,086	(153,751)	-	-	58,585,200
Gas Distribution							
374	Land - Fee	299,446	14	-	-	-	299,461
374	Land - Other	15,002	-	-	-	-	15,002
375	Structures & Improvements	205,855	293	-	(14,346)	-	191,802
376	Mains - Metallic	83,669,253	154,929	(283,204)	319,902	-	83,860,881
376	Mains - Plastic	282,187,424	10,854,111	(1,668,721)	310,109	-	291,682,924
378	Measure & Regulating Station Equipment - General	6,297,057	(628)	(85,150)	4,567	-	6,215,847
379	Measure & Regulating Station Equipment - City Gate	1,526,058	109,238	(3,000)	-	-	1,632,297
380	Services - Metallic	13,793,171	1,151,263	(747,051)	(265,639)	-	13,931,743
380	Services - Plastic	245,386,945	7,771,815	(2,374,185)	(354,593)	-	250,429,982
Total Gas Distribution		633,380,213	20,041,035	(5,161,310)	-	-	648,259,938
Gas General							
389	Land - Other	180,121	-	(20,000)	-	-	160,121
390	Structures & Improvements	903,238	-	(65,238)	(10,650)	-	827,350
Total Gas General		1,083,359	-	(85,238)	(10,650)	-	987,471
Total Gas Utility		686,665,437	26,578,121	(5,400,299)	(10,650)	-	707,832,609

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common General							
301	Organization	100,608	-	-	-	-	100,608
389	Land - Fee	4,131,878	-	(2,737)	-	-	4,129,141
389	Land - Other	5,572	-	-	-	-	5,572
390	Structures & Improvements	69,897,133	20,749,542	(2,085,723)	1,880,456	-	90,441,408
390	Structures & Improvements - Leasehold Improvements	14,606	-	-	(14,606)	-	-
Total Common General		74,149,797	20,749,542	(2,088,460)	1,865,850	-	94,676,729
Total Common Utility		74,149,797	20,749,542	(2,088,460)	1,865,850	-	94,676,729
Total All Utilities		4,237,224,232	373,707,708	(26,715,780)	(3,882,293)	-	4,580,333,867



FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Electric Transmission							
350	Land - Fee	9,921,051	2,247,129	-	(20,713)	-	12,147,466
350	Land - Other	35,675,676	9,714,743	(17,090)	264,795	-	45,638,124
352	Structures & Improvements	26,129,166	7,721,717	(18,372)	304,912	-	34,137,424
353	Station Equipment	618,231,145	52,902,681	(5,605,993)	546,287	-	666,074,121
354	Towers & Fixtures	111,318,161	17,038	(234,988)	(1,560,259)	-	109,539,953
355	Poles & Fixtures	375,169,363	81,509,153	(682,342)	340,563	-	456,336,737
356	Overhead Conductor & Devices	236,474,363	11,023,170	(1,019,924)	385,873	-	246,863,482
357	Underground Conduit	8,367,215	(180,209)	-	191,595	-	8,378,602
358	Underground Conductor & Devices	14,028,218	(217,443)	-	715,241	-	14,526,016
Total Electric Transmission		1,435,314,358	164,737,980	(7,578,708)	1,168,295	-	1,593,641,924
Electric Distribution							
360	Land - Fee	13,088,766	471,344	-	-	-	13,560,110
360	Land - Other	34,901	1	-	-	-	34,902
361	Structures & Improvements	27,565,852	473,640	(36,835)	312,227	-	28,314,884
362	Station Equipment	405,389,258	22,261,275	(4,666,388)	(1,165,667)	-	421,818,478
364	Poles, Towers & Fixtures	265,528,280	10,599,871	(984,341)	(16,468)	-	275,127,342
365	Overhead Conductor & Devices	313,584,673	15,411,545	(6,843,323)	-	-	322,152,895
366	Underground Conduit	174,459,193	6,136,315	(174,689)	-	-	180,420,819
367	Underground Conductor & Devices	776,259,909	44,030,063	(2,991,702)	(452)	-	817,297,817
369	Services - Overhead	76,506,525	(493,945)	(1,633,914)	-	-	74,378,666
369	Services - Underground	184,797,991	(2,067,762)	(192,597)	-	-	182,537,632
373	Street Light & Signal Systems	45,766,508	1,574,751	(495,677)	(257)	-	46,845,327
Total Electric Distribution		2,282,981,857	98,397,098	(18,019,468)	(870,618)	-	2,362,488,870
Electric General							
389	Land - Fee	4,355,541	-	-	-	-	4,355,541
389	Land - Other	665	-	-	-	-	665
390	Structures & Improvements	55,172,108	396,116	(108,034)	36,400	-	55,496,590
Total Electric General		59,528,314	396,116	(108,034)	36,400	-	59,852,796
Total Electric Utility		3,777,824,529	263,531,194	(25,706,210)	334,077	-	4,015,983,590

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Gas Transmission							
365	Land - Fee	870,731	(18,952)	-	-	-	851,778
365	Land - Other	2,484,816	(1,850,015)	-	-	-	634,801
366	Structures & Improvements	737,514	34,513	-	-	-	772,027
367	Mains	46,178,956	5,834,515	-	-	-	52,013,471
369	Measure & Regulating Station Equipment	8,313,183	1,889,798	-	-	-	10,202,980
Total Gas Transmission		58,585,200	5,889,858	-	-	-	64,475,058
Gas Distribution							
374	Land - Fee	299,461	-	-	-	-	299,461
374	Land - Other	15,002	-	-	-	-	15,002
375	Structures & Improvements	191,802	-	-	-	-	191,802
376	Mains - Metallic	83,860,881	1,090,660	(382,030)	-	-	84,569,510
376	Mains - Plastic	291,682,924	19,672,263	(1,772,781)	-	-	309,582,405
378	Measure & Regulating Station Equipment - General	6,215,847	8,514	(1,306)	-	-	6,223,055
379	Measure & Regulating Station Equipment - City Gate	1,632,297	(18,029)	-	-	-	1,614,268
380	Services - Metallic	13,931,743	(666,352)	(325,115)	-	-	12,940,276
380	Services - Plastic	250,429,982	8,309,602	(1,161,673)	-	-	257,577,911
Total Gas Distribution		648,259,938	28,396,657	(3,642,906)	-	-	673,013,690
Gas General							
389	Land - Other	160,121	-	20,000	-	-	180,121
390	Structures & Improvements	827,350	-	65,238	-	-	892,588
Total Gas General		987,471	-	85,238	-	-	1,072,709
Total Gas Utility		707,832,609	34,286,516	(3,557,667)	-	-	738,561,457

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common General							
301	Organization	100,608	-	-	-	-	100,608
389	Land - Fee	4,129,141	-	-	-	-	4,129,141
389	Land - Other	5,572	-	-	-	-	5,572
390	Structures & Improvements	90,441,408	5,348,005	(1,493,463)	(1,177,007)	-	93,118,942
390	Structures & Improvements - Leasehold Improvements	-	-	-	1,163,412	-	1,163,412
Total Common General		94,676,729	5,348,005	(1,493,463)	(13,595)	-	98,517,675
Total Common Utility		94,676,729	5,348,005	(1,493,463)	(13,595)	-	98,517,675
Total All Utilities		4,580,333,867	303,165,714	(30,757,340)	320,482	-	4,853,062,722

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FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance	ND and SD Distribution Assets	Minnesota Only Distribution Assets
Electric Transmission									
350	Land - Fee	12,147,466	334,050	-	(2,999,361)	-	9,482,156		
350	Land - Other	45,638,124	(6,110,842)	-	2,715,897	-	42,243,179		
352	Structures & Improvements	34,137,424	1,706,258	(27,067)	2,857,972	-	38,674,588		
353	Station Equipment	666,074,121	61,931,357	(4,135,009)	(112,717)	-	723,757,752		
354	Towers & Fixtures	109,539,953	(1)	(25,954)	(33)	-	109,513,964		
355	Poles & Fixtures	456,336,737	52,507,644	(1,288,931)	(25,004,488)	-	482,550,962		
356	Overhead Conductor & Devices	246,863,482	14,143,807	(2,045,552)	24,323,193	-	283,284,930		
357	Underground Conduit	8,378,602	-	(14,529)	-	-	8,364,073		
358	Underground Conductor & Devices	14,526,016	16	(393,655)	(18,353)	-	14,114,024		
Total Electric Transmission		1,593,641,924	124,512,290	(7,930,697)	1,762,110	-	1,711,985,628		
Electric Distribution									
360	Land - Fee	13,560,110	(1,845)	-	-	-	13,558,264	845,779	12,712,485
360	Land - Other	34,902	-	-	6,737	-	41,639	6,825	34,814
361	Structures & Improvements	28,314,884	796,108	(407,177)	2,594,658	-	31,298,473	1,633,645	29,664,827
362	Station Equipment	421,818,478	17,044,310	(2,042,577)	(590,126)	-	436,230,084	39,180,689	397,049,395
364	Poles, Towers & Fixtures	275,127,342	10,265,982	193,937	(2,617,109)	-	282,970,152	30,458,967	252,511,184
365	Overhead Conductor & Devices	322,152,895	14,530,009	(4,581,574)	262,107	-	332,363,436	40,350,322	292,013,114
366	Underground Conduit	180,420,819	5,527,417	(116,985)	(2,249,056)	-	183,582,195	14,762,233	168,819,961
367	Underground Conductor & Devices	817,297,817	34,952,186	(3,401,648)	(1,070,775)	-	847,777,579	97,668,299	750,109,281
369	Services - Overhead	74,378,666	1,362,408	(36,807)	-	-	75,704,266	9,561,697	66,142,569
369	Services - Underground	182,537,632	3,602,764	(94,303)	(170,996)	-	185,875,097	22,175,360	163,699,737
373	Street Light & Signal Systems	46,845,327	2,308,630	(1,015,502)	3,368,484	-	51,506,938	3,648,857	47,858,081
Total Electric Distribution		2,362,488,870	90,387,968	(11,502,637)	(466,077)	-	2,440,908,124	260,292,674	2,180,615,450
Electric General									
389	Land - Fee	4,355,541	91,782	(2,286)	-	-	4,445,037		
389	Land - Other	665	-	-	-	-	665		
390	Structures & Improvements	55,496,590	1,276,897	-	-	-	56,773,487		
Total Electric General		59,852,796	1,368,678	(2,286)	-	-	61,219,189		
Total Electric Utility		4,015,983,590	216,268,936	(19,435,620)	1,296,033	-	4,214,112,940		

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Gas Transmission							
365	Land - Fee	851,778	-	-	(216,938)	-	634,840
365	Land - Other	634,801	(7,698)	-	216,938	-	844,042
366	Structures & Improvements	772,027	355,705	-	(34,513)	-	1,093,219
367	Mains	52,013,471	259,762	-	-	-	52,273,234
369	Measure & Regulating Station Equipment	10,202,980	577,022	(131,357)	34,513	-	10,683,158
Total Gas Transmission		64,475,058	1,184,791	(131,357)	-	-	65,528,492
Gas Distribution							
374	Land - Fee	299,461	-	-	-	-	299,461
374	Land - Other	15,002	-	-	-	-	15,002
375	Structures & Improvements	191,802	-	-	(7,050)	-	184,752
376	Mains - Metallic	84,569,510	6,001,479	(324,145)	-	-	90,246,844
376	Mains - Plastic	309,582,405	14,059,769	(9,677,265)	-	-	313,964,909
378	Measure & Regulating Station Equipment - General	6,223,055	87,767	(16,993)	11,723	-	6,305,552
379	Measure & Regulating Station Equipment - City Gate	1,614,268	99,960	-	(4,673)	-	1,709,556
380	Services - Metallic	12,940,276	112,973	(152,343)	-	-	12,900,906
380	Services - Plastic	257,577,911	14,473,271	(4,543,391)	-	-	267,507,792
Total Gas Distribution		673,013,690	34,835,220	(14,714,136)	-	-	693,134,774
Gas General							
389	Land - Other	180,121	-	-	-	-	180,121
390	Structures & Improvements	892,588	494,470	-	-	-	1,387,058
Total Gas General		1,072,709	494,470	-	-	-	1,567,179
Total Gas Utility		738,561,457	36,514,481	(14,845,493)	-	-	760,230,445

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common General							
301	Organization	100,608	-	-	-	-	100,608
389	Land - Fee	4,129,141	-	-	-	-	4,129,141
389	Land - Other	5,572	-	-	-	-	5,572
390	Structures & Improvements	93,118,942	6,134,338	(34,948)	4,573	-	99,222,905
390	Structures & Improvements - Leasehold Improvements	1,163,412	-	-	-	-	1,163,412
Total Common General		98,517,675	6,134,338	(34,948)	4,573	-	104,621,637
Total Common Utility		98,517,675	6,134,338	(34,948)	4,573	-	104,621,637
Total All Utilities		4,853,062,722	258,917,755	(34,316,062)	1,300,607	-	5,078,965,023

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Electric Transmission							
350	Land - Fee	9,482,156	2,546,197	(47,392)	(66,398)	-	11,914,563
350	Land - Other	42,243,179	8,775,070	-	62,840	-	51,081,089
352	Structures & Improvements	38,674,588	2,054,089	(34,424)	262,334	-	40,956,587
353	Station Equipment	723,757,752	47,846,500	(3,723,576)	3,731,028	-	771,611,703
354	Towers & Fixtures	109,513,964	9,503,760	(173,217)	(57,725)	-	118,786,783
355	Poles & Fixtures	482,550,962	33,468,113	(1,579,212)	(713,106)	-	513,726,756
356	Overhead Conductor & Devices	283,284,930	13,345,261	(4,957,128)	886,333	-	292,559,396
357	Underground Conduit	8,364,073	-	-	-	-	8,364,073
358	Underground Conductor & Devices	14,114,024	-	-	-	-	14,114,024
Total Electric Transmission		1,711,985,628	117,538,990	(10,514,949)	4,105,305	-	1,823,114,974
Electric Distribution - Minnesota Only							
360	Land - Fee	12,712,485	(27,369)	(11,450)	6,648	-	12,680,315
360	Land - Other	34,814	-	-	-	-	34,814
361	Structures & Improvements	29,664,827	582,807	(283,730)	235,046	-	30,198,951
362	Station Equipment	397,049,395	12,760,060	(3,755,938)	3,163,878	-	409,217,396
364	Poles, Towers & Fixtures	252,511,184	13,027,215	(828,812)	(7,935)	-	264,701,652
365	Overhead Conductor & Devices	292,013,114	13,214,148	(4,797,069)	(207,992)	-	300,222,201
366	Underground Conduit	168,819,961	16,055,715	(3,084,114)	(14,934)	-	181,776,629
367	Underground Conductor & Devices	750,109,281	22,746,114	(3,377,272)	(2,136,870)	-	767,341,252
369	Services - Overhead	66,142,569	1,507,105	(669,042)	788,824	-	67,769,456
369	Services - Underground	163,699,737	2,973,096	(670,318)	1,940,765	-	167,943,280
373	Street Light & Signal Systems	47,858,081	1,200,375	(551,321)	(780,889)	-	47,726,247
Total Electric Distribution - Minnesota Only		2,180,615,450	84,039,267	(18,029,064)	2,986,541	-	2,249,612,193
Electric General							
389	Land - Fee	4,445,037	-	(6,782)	-	-	4,438,256
389	Land - Other	665	-	-	-	-	665
390	Structures & Improvements	56,773,487	2,184,402	(60,021)	-	-	58,897,867
Total Electric General		61,219,189	2,184,402	(66,803)	-	-	63,336,788
Total Electric Utility		3,953,820,266	203,762,659	(28,610,816)	7,091,846	-	4,136,063,955

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FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance	ND and SD Distribution Assets	Minnesota Only Distribution Assets
Gas Transmission									
365	Land - Fee	634,840	-	-	-	-	634,840		
365	Land - Other	844,042	-	-	-	-	844,042		
366	Structures & Improvements	1,093,219	(42,802)	-	-	-	1,050,417		
367	Mains	52,273,234	58,186	-	-	-	52,331,420		
369	Measure & Regulating Station Equipment	10,683,158	296,758	(12,800)	-	-	10,967,117		
Total Gas Transmission		65,528,492	312,143	(12,800)	-	-	65,827,836		
Gas Distribution									
374	Land - Fee	299,461	-	-	-	-	299,461	101,778	197,683
374	Land - Other	15,002	-	-	-	-	15,002	-	15,002
375	Structures & Improvements	184,752	-	-	-	-	184,752	132,705	52,047
376	Mains - Metallic	90,246,844	1,830,670	(986,972)	-	-	91,090,542	12,454,377	78,636,165
376	Mains - Plastic	313,964,909	12,599,198	(1,606,639)	68,879	-	325,026,347	26,835,715	298,190,631
378	Measure & Regulating Station Equipment - General	6,305,552	152,584	(2,203)	-	-	6,455,932	623,037	5,832,895
379	Measure & Regulating Station Equipment - City Gate	1,709,556	(1,171)	-	-	-	1,708,384	-	1,708,384
380	Services - Metallic	12,900,906	1,184,270	(425,607)	7,876	-	13,667,446	1,539,060	12,128,385
380	Services - Plastic	267,507,792	10,682,659	(3,350,185)	(7,876)	-	274,832,390	29,536,926	245,295,464
Total Gas Distribution		693,134,774	26,448,209	(6,371,607)	68,879	-	713,280,254	71,223,598	642,056,656
Gas General									
389	Land - Other	180,121	-	-	-	-	180,121		
390	Structures & Improvements	1,387,058	251,287	-	-	-	1,638,345		
Total Gas General		1,567,179	251,287	-	-	-	1,818,466		
Total Gas Utility		760,230,445	27,011,639	(6,384,406)	68,879	-	780,926,557		



FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common General							
301	Organization	100,608	-	-	-	-	100,608
389	Land - Fee	4,129,141	-	-	-	-	4,129,141
389	Land - Other	5,572	-	-	-	-	5,572
390	Structures & Improvements	99,222,905	4,437,684	-	-	-	103,660,589
390	Structures & Improvements - Leasehold Improvements	1,163,412	-	-	-	-	1,163,412
Total Common General		104,621,637	4,437,684	-	-	-	109,059,322
Total Common Utility		104,621,637	4,437,684	-	-	-	109,059,322
Total All Utilities		4,818,672,349	235,211,982	(34,995,222)	7,160,725	-	5,026,049,833

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Electric Transmission							
350	Land - Fee	11,914,563	1,425,646	(5,266)	(276,741)	-	13,058,203
350	Land - Other	51,081,089	4,937,211	(11,703)	(1,683,768)	-	54,322,829
352	Structures & Improvements	40,956,587	952,683	(10,040)	4,978,923	-	46,878,153
353	Station Equipment	771,611,703	87,047,195	(1,981,699)	(408,660)	-	856,268,539
354	Towers & Fixtures	118,786,783	235,509	(237,279)	(4,851,346)	-	113,933,667
355	Poles & Fixtures	513,726,756	62,347,890	(3,354,456)	(14,853,617)	-	557,866,574
356	Overhead Conductor & Devices	292,559,396	21,527,000	(6,461,356)	(3,878,465)	-	303,746,575
357	Underground Conduit	8,364,073	3,782,815	-	-	-	12,146,888
358	Underground Conductor & Devices	14,114,024	6,878,043	-	-	-	20,992,067
Total Electric Transmission		1,823,114,974	189,133,993	(12,061,799)	(20,973,673)	-	1,979,213,495
Electric Distribution - Minnesota Only							
360	Land - Fee	12,680,315	152,558	(320)	276,741	-	13,109,293
360	Land - Other	34,814	-	(2)	-	-	34,812
361	Structures & Improvements	30,198,951	916,123	(6,315)	2,422,068	-	33,530,827
362	Station Equipment	409,217,396	28,223,664	(1,243,854)	(3,261,847)	-	432,935,359
364	Poles, Towers & Fixtures	264,701,652	13,897,332	(1,612,936)	(2,217)	-	276,983,831
365	Overhead Conductor & Devices	300,222,201	14,366,317	(9,325,086)	(5,799)	-	305,257,633
366	Underground Conduit	181,776,629	14,047,155	(244,584)	(94,033)	-	195,485,167
367	Underground Conductor & Devices	767,341,252	33,751,061	(4,686,957)	(16,365)	-	796,388,991
369	Services - Overhead	67,769,456	1,045,287	(838,064)	-	-	67,976,679
369	Services - Underground	167,943,280	1,201,581	(2,682,627)	(42,610)	-	166,419,623
373	Street Light & Signal Systems	47,726,247	2,426,445	(543,745)	-	-	49,608,946
Total Electric Distribution - Minnesota Only		2,249,612,193	110,027,522	(21,184,492)	(724,063)	-	2,337,731,160
Electric General							
389	Land - Fee	4,438,256	-	-	-	-	4,438,256
389	Land - Other	665	-	-	-	-	665
390	Structures & Improvements	58,897,867	513,090	(226,373)	(4,728)	-	59,179,857
Total Electric General		63,336,788	513,090	(226,373)	(4,728)	-	63,618,777
Total Electric Utility		4,136,063,955	299,674,605	(33,472,663)	(21,702,465)	-	4,380,563,432

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Gas Transmission							
365	Land - Fee	634,840	-	-	-	-	634,840
365	Land - Other	844,042	34,061	-	-	-	878,103
366	Structures & Improvements	1,050,417	(33,212)	-	-	-	1,017,205
367	Mains	52,331,420	2,014,567	(670,110)	-	-	53,675,877
369	Measure & Regulating Station Equipment	10,967,117	76,375	(56,895)	-	-	10,986,598
Total Gas Transmission		65,827,836	2,091,792	(727,004)	-	-	67,192,623
Gas Distribution - Minnesota Only							
374	Land - Fee	197,683	-	-	-	-	197,683
374	Land - Other	15,002	-	-	-	-	15,002
375	Structures & Improvements	52,047	3,116	-	-	-	55,163
376	Mains - Metallic	78,636,165	2,799,567	(646,694)	-	-	80,789,038
376	Mains - Plastic	298,190,631	9,591,121	(612,109)	10	-	307,169,652
378	Measure & Regulating Station Equipment - General	5,832,895	174,419	(2,119)	-	-	6,005,195
379	Measure & Regulating Station Equipment - City Gate	1,708,384	65,105	-	-	-	1,773,490
380	Services - Metallic	12,128,385	48,894	(501,753)	-	-	11,675,526
380	Services - Plastic	245,295,464	6,731,615	(1,423,316)	-	-	250,603,763
Total Gas Distribution - Minnesota Only		642,056,656	19,413,837	(3,185,991)	10	-	658,284,512
Gas General							
389	Land - Other	180,121	-	-	-	-	180,121
390	Structures & Improvements	1,638,345	307,080	-	-	-	1,945,425
Total Gas General		1,818,466	307,080	-	-	-	2,125,546
Total Gas Utility		709,702,958	21,812,708	(3,912,995)	10	-	727,602,681

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common General							
301	Organization	100,608	-	-	-	-	100,608
389	Land - Fee	4,129,141	810,798	-	-	-	4,939,939
389	Land - Other	5,572	-	-	-	-	5,572
390	Structures & Improvements	103,660,589	12,087,332	-	-	-	115,747,921
390	Structures & Improvements - Leasehold Improvements	1,163,412	-	-	-	-	1,163,412
Total Common General		109,059,322	12,898,130	-	-	-	121,957,451
Total Common Utility		109,059,322	12,898,130	-	-	-	121,957,451
Total All Utilities		4,954,826,235	334,385,443	(37,385,659)	(21,702,455)	-	5,230,123,565

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Electric Intangible							
303	Computer Software - 5 year	23,391,269	2,668,554	-	-	-	26,059,823
Total Electric Intangible		23,391,269	2,668,554	-	-	-	26,059,823
Electric Distribution							
368	Line Transformers	300,838,213	15,351,195	(3,215,229)	-	-	312,974,179
368	Line Capacitors	18,370,989	324,013	(1,659,713)	-	-	17,035,289
370	Meters	98,366,459	4,038,616	(2,666,205)	(35,171)	-	99,703,699
Total Electric Distribution		417,575,661	19,713,824	(7,541,148)	(35,171)	-	429,713,167
Electric General							
391	Office Furniture & Equipment	15,638,572	1,341,573	(6,886)	2,188,144	-	19,161,403
391	Network Equipment	8,987,662	5,225,991	(2,157,135)	395,333	-	12,451,852
392	Transportation Equipment - Light Trucks	7,803,947	941,296	-	-	-	8,745,243
392	Transportation Equipment - Trailers	1,660,671	70,813	-	-	-	1,731,484
392	Transportation Equipment - Heavy Trucks	7,683,484	5,104,869	-	-	-	12,788,354
393	Stores Equipment	1,859,332	655,694	(312,985)	-	-	2,202,042
394	Tools, Shop & Garage Equipment	39,320,944	3,095,879	(7,705,069)	(184,995)	-	34,526,759
395	Laboratory Equipment	4,857,805	275,127	(566,020)	50,158	-	4,617,069
396	Power Operated Equipment	3,114,510	237,786	-	602,614	-	3,954,909
397	Communication Equipment	2,390,160	3,110,088	(154,493)	187,811	-	5,533,565
397	Communication Equipment - Two Way	327,910	-	(16,505)	-	-	311,405
397	Communication Equipment - AES	1,184,552	1,157,770	-	-	-	2,342,321
397	Communication Equipment - EMS	21,065,400	132,820	(15,634,327)	-	-	5,563,892
398	Miscellaneous Equipment	2,901,180	197,816	(4,327)	-	-	3,094,669
Total Electric General		118,796,128	21,547,523	(26,557,747)	3,239,064	-	117,024,969
Total Electric Utility		559,763,059	43,929,901	(34,098,895)	3,203,893	-	572,797,959

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Gas Intangible							
303	Computer Software - 5 year	1,332,573	-	-	-	-	1,332,573
Total Gas Intangible		1,332,573	-	-	-	-	1,332,573
Gas Distribution							
381	Meters	85,906,851	3,585,146	(1,201,950)	-	-	88,290,047
381	Meters - Telemetry	639,249	-	(601,146)	-	-	38,103
383	House Regulators	10,755,993	6,037	(603,813)	-	-	10,158,217
Total Gas Distribution		97,302,093	3,591,183	(2,406,909)	-	-	98,486,367
Gas General							
391	Office Furniture & Equipment	90,306	(106,923)	(1,354)	224,799	-	206,828
391	Network Equipment	30,679	-	(1,934)	-	-	28,745
392	Transportation Equipment - Light Trucks	1,147,672	216,900	-	-	-	1,364,572
392	Transportation Equipment - Trailers	301,093	16,834	-	-	-	317,926
392	Transportation Equipment - Heavy Trucks	1,194,272	732,074	-	-	-	1,926,347
394	Stores Equipment	4,918,743	138,752	(525,912)	-	-	4,531,583
395	Tools, Shop & Garage Equipment	43,215	-	(33,318)	-	-	9,897
396	Power Operated Equipment	854,319	-	(66,375)	-	-	787,945
397	Communication Equipment	3,896,252	7,443,698	(125,517)	(2,237,140)	-	8,977,293
397	Communications Equipment - Two Way	53,017	-	(45,532)	-	-	7,485
397	Communications Equipment - EMS	1,331,967	-	-	2,237,140	-	3,569,107
398	Miscellaneous Equipment	91,935	-	-	-	-	91,935
Total Gas General		13,953,469	8,441,336	(799,942)	224,799	-	21,819,662
Total Gas Utility		112,588,136	12,032,518	(3,206,851)	224,799	-	121,638,602

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common Intangible							
303	Computer Software - All	233,636,339	12,789,423	-	-	-	246,425,762
Total Common Intangible		233,636,339	12,789,423	-	-	-	246,425,762
Common General							
391	Office Furniture & Equipment	32,661,229	2,359,088	(1,086,869)	(4,797,813)	-	29,135,635
391	Network Equipment	43,478,696	5,435,301	(5,880,457)	4,798,353	-	47,831,893
392	Transportation Equipment - Automobiles	182,916	72,405	-	-	-	255,321
392	Transportation Equipment - Light Trucks	2,690,285	248,612	-	-	-	2,938,897
392	Transportation Equipment - Trailers	256,671	498,150	-	-	-	754,822
392	Transportation Equipment - Heavy Trucks	3,341,079	123,560	-	-	-	3,464,639
393	Stores Equipment	530,240	-	(113,152)	-	-	417,088
394	Tools, Shop & Garage Equipment	2,075,873	133,538	(368,342)	-	-	1,841,069
395	Laboratory Equipment	36,686	-	-	-	-	36,686
396	Power Operated Equipment	19,658	-	-	-	-	19,658
397	Communication Equipment	7,904,065	1,629,786	(189,472)	(5,728,081)	-	3,616,297
397	Communication Equipment - Two Way	6,650,246	-	(2,720,952)	3,633,035	-	7,562,329
398	Miscellaneous Equipment	1,032,806	137,243	(164,511)	-	-	1,005,539
Total Common General		100,860,450	10,637,684	(10,523,756)	(2,094,506)	-	98,879,872
Total Common Utility		334,496,788	23,427,107	(10,523,756)	(2,094,506)	-	345,305,633
Total All Utilities		1,006,847,983	79,389,527	(47,829,502)	1,334,186	-	1,039,742,194

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Electric Intangible							
303	Computer Software - 5 year	26,059,823	4,040,858	(609,592)	-	-	29,491,090
Total Electric Intangible		26,059,823	4,040,858	(609,592)	-	-	29,491,090
Electric Distribution							
368	Line Transformers	312,974,179	18,198,061	(3,984,588)	-	-	327,187,651
368	Line Capacitors	17,035,289	531,379	(190,808)	-	-	17,375,860
370	Meters	99,703,699	5,221,031	(3,503,616)	(17,007,087)	-	84,414,028
370	Meters - Old	-	-	-	17,007,087	-	17,007,087
Total Electric Distribution		429,713,167	23,950,471	(7,679,011)	-	-	445,984,626
Electric General							
391	Office Furniture & Equipment	19,161,403	597,045	(44,975)	1,618,509	-	21,331,982
391	Network Equipment	12,451,852	630,304	(317,956)	279,346	-	13,043,545
392	Transportation Equipment - Light Trucks	8,745,243	4,995,805	-	(11,617)	-	13,729,431
392	Transportation Equipment - Trailers	1,731,484	214,964	-	(27,293)	-	1,919,155
392	Transportation Equipment - Heavy Trucks	12,788,354	8,106,189	-	(200,360)	-	20,694,182
393	Stores Equipment	2,202,042	202	-	47,393	-	2,249,636
394	Tools, Shop & Garage Equipment	34,526,759	4,208,093	(2,283,581)	457,717	-	36,908,989
395	Laboratory Equipment	4,617,069	200,838	(601,436)	292,379	-	4,508,851
396	Power Operated Equipment	3,954,909	180,340	(3,419)	(487,257)	-	3,644,573
397	Communication Equipment	5,533,565	2,062,134	(307,626)	(308,202)	-	6,979,871
397	Communication Equipment - Two Way	311,405	-	-	147,907	-	459,312
397	Communication Equipment - AES	2,342,321	1,260,887	-	-	-	3,603,209
397	Communication Equipment - EMS	5,563,892	913,202	(623,796)	-	-	5,853,298
398	Miscellaneous Equipment	3,094,669	34,229	(84,227)	(241,183)	-	2,803,488
Total Electric General		117,024,969	23,404,232	(4,267,016)	1,567,338	-	137,729,522
Total Electric Utility		572,797,959	51,395,561	(12,555,619)	1,567,338	-	613,205,238



FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Gas Intangible							
303	Computer Software - 5 year	1,332,573	-	-	-	-	1,332,573
Total Gas Intangible		1,332,573	-	-	-	-	1,332,573
Gas Distribution							
381	Meters	88,290,047	3,170,801	(1,602,503)	6,037	-	89,864,382
381	Meters - Telemetry	38,103	-	-	-	-	38,103
383	House Regulators	10,158,217	-	-	(6,037)	-	10,152,180
Total Gas Distribution		98,486,367	3,170,801	(1,602,503)	-	-	100,054,665
Gas General							
391	Office Furniture & Equipment	206,828	-	-	-	-	206,828
391	Network Equipment	28,745	-	-	-	-	28,745
392	Transportation Equipment - Automobiles	-	37,570	-	-	-	37,570
392	Transportation Equipment - Light Trucks	1,364,572	730,259	-	-	-	2,094,831
392	Transportation Equipment - Trailers	317,926	128,369	-	-	-	446,295
392	Transportation Equipment - Heavy Trucks	1,926,347	1,116,022	-	-	-	3,042,369
394	Tools, Shop & Garage Equipment	4,531,583	147,315	-	-	-	4,678,898
395	Laboratory Equipment	9,897	-	-	-	-	9,897
396	Power Operated Equipment	787,945	-	-	-	-	787,945
397	Communication Equipment	8,977,293	1,959,108	-	(2,484,417)	-	8,451,984
397	Communication Equipment - Two Way	7,485	-	-	-	-	7,485
397	Communication Equipment - AES	-	258,083	-	2,484,417	-	2,742,500
397	Communication Equipment - EMS	3,569,107	136,821	-	-	-	3,705,928
398	Miscellaneous Equipment	91,935	-	-	-	-	91,935
Total Gas General		21,819,662	4,513,548	-	-	-	26,333,210
Total Gas Utility		121,638,602	7,684,348	(1,602,503)	-	-	127,720,448

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common Intangible							
303	Computer Software - All	246,425,762	7,056,357	-	(61,098,998)	-	192,383,121
	Common Intangible	246,425,762	7,056,357	-	(61,098,998)	-	192,383,121
Common General							
391	Office Furniture & Equipment	29,135,635	1,439,309	(989,344)	51,942	-	29,637,543
391	Network Equipment	47,831,893	3,164,300	(10,701,667)	(3,521)	-	40,291,005
392	Transportation Equipment - Automobiles	255,321	(37,905)	-	-	-	217,416
392	Transportation Equipment - Light Trucks	2,938,897	742,239	-	-	-	3,681,136
392	Transportation Equipment - Trailers	754,822	186,708	-	-	-	941,530
392	Transportation Equipment - Heavy Trucks	3,464,639	239,348	-	-	-	3,703,987
393	Stores Equipment	417,088	-	-	-	-	417,088
394	Tools, Shop & Garage Equipment	1,841,069	104,254	(98,515)	-	-	1,846,807
395	Laboratory Equipment	36,686	-	-	-	-	36,686
396	Power Operated Equipment	19,658	-	-	-	-	19,658
397	Communication Equipment	3,616,297	541,056	(127,474)	(7,524)	-	4,022,355
397	Communication Equipment - Two Way	7,562,329	-	(97,882)	(37,805)	-	7,426,642
398	Miscellaneous Equipment	1,005,539	26,073	(42,440)	-	-	989,171
	Total Common General	98,879,872	6,405,382	(12,057,323)	3,092	-	93,231,023
	Total Common Utility	345,305,633	13,461,740	(12,057,323)	(61,095,906)	-	285,614,144
	Total All Utilities	1,039,742,194	72,541,649	(26,215,444)	(59,528,568)	-	1,026,539,830

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance	ND and SD Distribution Assets	Minnesota Only Distribution Assets
Electric Intangible									
303	Computer Software - 5 year	29,491,090	2,178,505	-	-	-	31,669,595		
Total Electric Intangible		29,491,090	2,178,505	-	-	-	31,669,595		
Electric Distribution									
368	Line Transformers	327,187,651	15,915,606	(5,751,237)	(349,959)	-	337,002,061	25,959,709	311,042,353
368	Line Capacitors	17,375,860	1,285,508	(148,111)	-	-	18,513,257	1,515,055	16,998,202
370	Meters	84,414,028	8,098,417	-	-	-	92,512,446	10,176,674	82,335,772
370	Meters - Old	17,007,087	-	-	-	-	17,007,087	2,127,267	14,879,820
Total Electric Distribution		445,984,626	25,299,532	(5,899,348)	(349,959)	-	465,034,851	39,778,705	425,256,146
Electric General									
391	Office Furniture & Equipment	21,331,982	1,996,653	-	56,196	-	23,384,831		
391	Network Equipment	13,043,545	2,735,647	(141,404)	(207,144)	-	15,430,644		
392	Transportation Equipment - Light Trucks	13,729,431	312,100	-	-	-	14,041,532		
392	Transportation Equipment - Trailers	1,919,155	1,036,852	(347,741)	-	-	2,608,267		
392	Transportation Equipment - Heavy Trucks	20,694,182	4,828,406	-	237,092	-	25,759,680		
393	Stores Equipment	2,249,636	-	-	-	-	2,249,636		
394	Tools, Shop & Garage Equipment	36,908,989	5,157,297	(5,215,159)	(58,064)	-	36,793,063		
395	Laboratory Equipment	4,508,851	467,536	(372,410)	-	-	4,603,977		
396	Power Operated Equipment	3,644,573	3,961,710	(0)	(179,028)	-	7,427,254		
397	Communication Equipment	6,979,871	825,231	(268,137)	380,815	-	7,917,781		
397	Communication Equipment - Two Way	459,312	-	(98,210)	-	-	361,103		
397	Communication Equipment - AES	3,603,209	298,134	-	-	-	3,901,342		
397	Communication Equipment - EMS	5,853,298	5,116,566	(1,675,821)	(118,912)	-	9,175,131		
398	Miscellaneous Equipment	2,803,488	15,927	(58,129)	(56,196)	-	2,705,090		
Total Electric General		137,729,522	26,752,059	(8,177,010)	54,759	-	156,359,331		
Total Electric Utility		613,205,238	54,230,096	(14,076,358)	(295,200)	-	653,063,776		

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Gas Intangible							
303	Computer Software - 5 year	1,332,573	343,105	-	-	-	1,675,678
Total Gas Intangible		1,332,573	343,105	-	-	-	1,675,678
Gas Distribution							
381	Meters	89,864,382	4,847,212	-	-	-	94,711,594
381	Meters - Telemetry	38,103	-	-	-	-	38,103
383	House Regulators	10,152,180	19,027	-	-	-	10,171,207
Total Gas Distribution		100,054,665	4,866,240	-	-	-	104,920,905
Gas General							
391	Office Furniture & Equipment	206,828	541,866	-	-	-	748,694
391	Network Equipment	28,745	-	(28,745)	-	-	-
392	Transportation Equipment - Automobiles	37,570	23,085	-	-	-	60,655
392	Transportation Equipment - Light Trucks	2,094,831	(35,512)	-	-	-	2,059,319
392	Transportation Equipment - Trailers	446,295	123,039	-	-	-	569,334
392	Transportation Equipment - Heavy Trucks	3,042,369	402,678	-	-	-	3,445,047
394	Tools, Shop & Garage Equipment	4,678,898	713,311	(1,270,951)	-	-	4,121,258
395	Laboratory Equipment	9,897	-	(7,380)	-	-	2,517
396	Power Operated Equipment	787,945	298,691	-	-	-	1,086,635
397	Communication Equipment	8,451,984	3,382,599	(179,437)	-	-	11,655,147
397	Communication Equipment - Two Way	7,485	-	(5,338)	-	-	2,147
397	Communication Equipment - AES	2,742,500	872,379	-	-	-	3,614,880
397	Communication Equipment - EMS	3,705,928	25,316	-	-	-	3,731,243
398	Miscellaneous Equipment	91,935	2,752	(5,493)	-	-	89,194
Total Gas General		26,333,210	6,350,204	(1,497,344)	-	-	31,186,069
Total Gas Utility		127,720,448	11,559,549	(1,497,344)	-	-	137,782,652

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common Intangible							
303	Computer Software - All	192,383,121	10,368,921	-	(802,134)	-	201,949,908
Total Common Intangible		192,383,121	10,368,921	-	(802,134)	-	201,949,908
Common General							
391	Office Furniture & Equipment	29,637,543	938,965	(59,885)	-	-	30,516,622
391	Network Equipment	40,291,005	4,855,126	787,840	9,528	-	45,943,499
392	Transportation Equipment - Automobiles	217,416	20,017	-	-	-	237,433
392	Transportation Equipment - Light Trucks	3,681,136	139,540	-	(216,538)	-	3,604,138
392	Transportation Equipment - Trailers	941,530	85,601	-	-	-	1,027,131
392	Transportation Equipment - Heavy Trucks	3,703,987	140,283	-	216,538	-	4,060,808
393	Stores Equipment	417,088	-	-	-	-	417,088
394	Tools, Shop & Garage Equipment	1,846,807	188,161	(291,266)	5,177	-	1,748,879
395	Laboratory Equipment	36,686	-	-	-	-	36,686
396	Power Operated Equipment	19,658	9,548	-	-	-	29,206
397	Communication Equipment	4,022,355	(197,550)	(1,147,802)	(18,133)	-	2,658,870
397	Communication Equipment - Two Way	7,426,642	-	-	-	-	7,426,642
398	Miscellaneous Equipment	989,171	-	(35,714)	(1,145)	-	952,311
Total Common General		93,231,023	6,179,691	(746,827)	(4,573)	-	98,659,313
Total Common Utility		285,614,144	16,548,612	(746,827)	(806,708)	-	300,609,221
Total All Utilities		1,026,539,830	82,338,257	(16,320,530)	(1,101,908)	-	1,091,455,650

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Electric Intangible							
303	Computer Software - 5 year	31,669,595	-	-	-	-	31,669,595
Total Electric Intangible		31,669,595	-	-	-	-	31,669,595
Electric Distribution - Minnesota Only							
368	Line Transformers	311,042,353	16,506,057	(63)	-	-	327,548,346
368	Line Capacitors	16,998,202	522,370	(112,815)	-	-	17,407,757
370	Meters	82,335,772	5,731,801	-	-	-	88,067,573
370	Meters - Old	14,879,820	-	-	-	-	14,879,820
Total Electric Distribution - Minnesota Only		425,256,146	22,760,228	(112,878)	-	-	447,903,496
Electric General							
391	Office Furniture & Equipment	23,384,831	832,809	-	-	-	24,217,641
391	Network Equipment	15,430,644	1,439,203	-	(5,336)	-	16,864,511
392	Transportation Equipment - Automobiles	-	356,963	-	-	-	356,963
392	Transportation Equipment - Light Trucks	14,041,532	5,049,600	-	-	-	19,091,131
392	Transportation Equipment - Trailers	2,608,267	2,680,588	-	-	-	5,288,854
392	Transportation Equipment - Heavy Trucks	25,759,680	11,522,916	-	-	-	37,282,596
393	Stores Equipment	2,249,636	25,109	-	-	-	2,274,745
394	Tools, Shop & Garage Equipment	36,793,063	12,324,712	-	(2,641,198)	-	46,476,577
395	Laboratory Equipment	4,603,977	31,163	-	-	-	4,635,140
396	Power Operated Equipment	7,427,254	9,870,090	-	(1,487,618)	-	15,809,726
397	Communication Equipment	7,917,781	1,945,401	-	(15,689)	-	9,847,493
397	Communication Equipment - Two Way	361,103	78,814	-	-	-	439,917
397	Communication Equipment - AES	3,901,342	246,411	-	-	-	4,147,753
397	Communication Equipment - EMS	9,175,131	2,914,522	-	-	-	12,089,653
398	Miscellaneous Equipment	2,705,090	63,606	-	-	-	2,768,695
Total Electric General		156,359,331	49,381,907	-	(4,149,841)	-	201,591,397
Total Electric Utility		613,285,072	72,142,135	(112,878)	(4,149,841)	-	681,164,488

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance	ND and SD Distribution Assets	Minnesota Only Distribution Assets
Gas Intangible									
303	Computer Software - 5 year	1,675,678	1,851,174	-	-	-	3,526,852		
Total Gas Intangible		1,675,678	1,851,174	-	-	-	3,526,852		
Gas Distribution									
381	Meters	94,711,594	3,307,063	-	-	-	98,018,658	6,158,963	91,859,695
381	Meters - Telemetry	38,103	-	-	-	-	38,103	1,325	36,778
383	House Regulators	10,171,207	(2,199)	(69)	-	-	10,168,939	-	10,168,939
Total Gas Distribution		104,920,905	3,304,865	(69)	-	-	108,225,700	6,160,288	102,065,412
Gas General									
391	Office Furniture & Equipment	748,694	116,394	-	-	-	865,088		
391	Network Equipment	-	20,650	-	-	-	20,650		
392	Transportation Equipment - Automobiles	60,655	-	-	-	-	60,655		
392	Transportation Equipment - Light Trucks	2,059,319	1,061,427	-	-	-	3,120,746		
392	Transportation Equipment - Trailers	569,334	73,668	-	-	-	643,002		
392	Transportation Equipment - Heavy Trucks	3,445,047	928,975	-	-	-	4,374,022		
394	Tools, Shop & Garage Equipment	4,121,258	186,202	-	-	-	4,307,460		
395	Laboratory Equipment	2,517	-	-	-	-	2,517		
396	Power Operated Equipment	1,086,635	128,052	-	-	-	1,214,688		
397	Communication Equipment	11,655,147	474,296	-	-	-	12,129,443		
397	Communication Equipment - Two Way	2,147	-	-	-	-	2,147		
397	Communication Equipment - AES	3,614,880	1,100,816	-	-	-	4,715,695		
397	Communication Equipment - EMS	3,731,243	242,245	-	-	-	3,973,488		
398	Miscellaneous Equipment	89,194	-	-	-	-	89,194		
Total Gas General		31,186,069	4,332,726	-	-	-	35,518,795		
Total Gas Utility		137,782,652	9,488,764	(69)	-	-	147,271,348		

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common Intangible							
303	Computer Software - All	201,949,908	17,250,382	-	-	-	219,200,290
Common Intangible		201,949,908	17,250,382	-	-	-	219,200,290
Common General							
391	Office Furniture & Equipment	30,516,622	1,106,562	-	-	-	31,623,184
391	Network Equipment	45,943,499	13,397,980	-	-	-	59,341,480
392	Transportation Equipment - Automobiles	237,433	58,986	-	-	-	296,419
392	Transportation Equipment - Light Trucks	3,604,138	565,597	-	-	-	4,169,735
392	Transportation Equipment - Trailers	1,027,131	-	-	-	-	1,027,131
392	Transportation Equipment - Heavy Trucks	4,060,808	366,974	-	-	-	4,427,782
393	Stores Equipment	417,088	147,757	-	-	-	564,845
394	Tools, Shop & Garage Equipment	1,748,879	312,933	-	-	-	2,061,812
395	Laboratory Equipment	36,686	-	-	-	-	36,686
396	Power Operated Equipment	29,206	290,830	-	-	-	320,036
397	Communication Equipment	2,658,870	(45,255)	-	-	-	2,613,615
397	Communication Equipment - Two Way	7,426,642	62,375	-	-	-	7,489,016
398	Miscellaneous Equipment	952,311	-	-	-	-	952,311
Total Common General		98,659,313	16,264,740	-	-	-	114,924,053
Total Common Utility		300,609,221	33,515,121	-	-	-	334,124,343
Total All Utilities		1,051,676,945	115,146,021	(112,947)	(4,149,841)	-	1,162,560,178



FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Electric Intangible							
303	Computer Software - 5 year	31,669,595	6,331,797	-	-	-	38,001,392
Total Electric Intangible		31,669,595	6,331,797	-	-	-	38,001,392
Electric Distribution - Minnesota Only							
368	Line Transformers	327,548,346	16,950,471	(83,479)	-	-	344,415,338
368	Line Capacitors	17,407,757	742,229	(100,958)	-	-	18,049,028
370	Meters	88,067,573	3,209,863	-	-	-	91,277,436
370	Meters - Old	14,879,820	-	-	-	-	14,879,820
Total Electric Distribution - Minnesota Only		447,903,496	20,902,563	(184,437)	-	-	468,621,622
Electric General							
391	Office Furniture & Equipment	24,217,641	919,031	(2,279,663)	-	-	22,857,009
391	Network Equipment	16,864,511	505,608	(5,220,532)	-	-	12,149,587
392	Transportation Equipment - Automobiles	356,963	33,302	-	-	-	390,265
392	Transportation Equipment - Light Trucks	19,091,131	2,042,100	-	(8,567)	-	21,124,664
392	Transportation Equipment - Trailers	5,288,854	1,922,680	-	-	-	7,211,534
392	Transportation Equipment - Heavy Trucks	37,282,596	5,533,496	-	(1,024,668)	-	41,791,424
393	Stores Equipment	2,274,745	9,951	(707,060)	8,567	-	1,586,203
394	Tools, Shop & Garage Equipment	46,476,577	7,941,793	(2,914,764)	155,421	-	51,659,027
395	Laboratory Equipment	4,635,140	512,339	(1,341,983)	-	-	3,805,496
396	Power Operated Equipment	15,809,726	5,778,956	-	(863,614)	-	20,725,068
397	Communication Equipment	9,847,493	2,565,638	(1,333)	351,972	-	12,763,770
397	Communication Equipment - Two Way	439,917	-	(193,513)	5,835	-	252,239
397	Communication Equipment - AES	4,147,753	815,201	-	-	-	4,962,953
397	Communication Equipment - EMS	12,089,653	(1,864,198)	(119,121)	(357,808)	-	9,748,526
398	Miscellaneous Equipment	2,768,695	25,308	-	-	-	2,794,004
Total Electric General		201,591,397	26,741,203	(12,777,968)	(1,732,862)	-	213,821,771
Total Electric Utility		681,164,488	53,975,564	(12,962,405)	(1,732,862)	-	720,444,785

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Gas Intangible							
303	Computer Software - 5 year	3,526,852	1,468,021	-	-	-	4,994,873
Total Gas Intangible		3,526,852	1,468,021	-	-	-	4,994,873
Gas Distribution - Minnesota Only							
381	Meters	91,859,695	3,177,513	-	-	-	95,037,208
381	Meters - Telemetry	36,778	-	-	-	-	36,778
383	House Regulators	10,168,939	-	(12)	-	-	10,168,928
Total Gas Distribution		102,065,412	3,177,513	(12)	-	-	105,242,913
Gas General							
391	Office Furniture & Equipment	865,088	119,849	(107,074)	-	-	877,862
391	Network Equipment	20,650	16,916	-	-	-	37,566
392	Transportation Equipment - Automobiles	60,655	23,061	-	-	-	83,716
392	Transportation Equipment - Light Trucks	3,120,746	435,778	-	-	-	3,556,524
392	Transportation Equipment - Trailers	643,002	18,432	-	-	-	661,434
392	Transportation Equipment - Heavy Trucks	4,374,022	453,284	-	-	-	4,827,305
393	Stores Equipment	-	10,091	-	-	-	10,091
394	Tools, Shop & Garage Equipment	4,307,460	412,309	(413,970)	-	-	4,305,799
395	Laboratory Equipment	2,517	-	(2,517)	-	-	-
396	Power Operated Equipment	1,214,688	-	(82,379)	-	-	1,132,309
397	Communication Equipment	12,129,443	501,027	(11,640)	-	-	12,618,831
397	Communication Equipment - Two Way	2,147	-	(2,147)	-	-	-
397	Communication Equipment - AES	4,715,695	918,954	-	-	-	5,634,650
397	Communication Equipment - EMS	3,973,488	192,669	-	-	-	4,166,157
398	Miscellaneous Equipment	89,194	-	-	-	-	89,194
Total Gas General		35,518,795	3,102,370	(619,726)	-	-	38,001,439
Total Gas Utility		141,111,060	7,747,904	(619,738)	-	-	148,239,225

FERC Acct	Account Description	Beginning Balance	Additions	Retirements	Transfers	Adjustments	Ending Balance
Common Intangible							
303	Computer Software - All	219,200,290	19,512,392	-	-	-	238,712,681
Total Common Intangible		219,200,290	19,512,392	-	-	-	238,712,681
Common General							
391	Office Furniture & Equipment	31,623,184	744,875	(859,438)	-	-	31,508,621
391	Network Equipment	59,341,480	6,215,654	(19,747,779)	-	-	45,809,354
392	Transportation Equipment - Automobiles	296,419	22,678	-	-	-	319,097
392	Transportation Equipment - Light Trucks	4,169,735	180,863	-	-	-	4,350,598
392	Transportation Equipment - Trailers	1,027,131	98,555	-	-	-	1,125,686
392	Transportation Equipment - Heavy Trucks	4,427,782	(1,798)	-	-	-	4,425,984
393	Stores Equipment	564,845	(139,308)	(351,877)	-	-	73,660
394	Tools, Shop & Garage Equipment	2,061,812	528,135	(170,079)	-	-	2,419,867
395	Laboratory Equipment	36,686	-	-	-	-	36,686
396	Power Operated Equipment	320,036	391,963	-	-	-	711,999
397	Communication Equipment	2,613,615	(8,181)	(1,105,612)	-	-	1,499,822
397	Communication Equipment - Two Way	7,489,016	-	(3,562,640)	-	-	3,926,377
398	Miscellaneous Equipment	952,311	(16,938)	(18,100)	-	-	917,274
Total Common General		114,924,053	8,016,497	(25,815,526)	-	-	97,125,024
Total Common Utility		334,124,343	27,528,888	(25,815,526)	-	-	335,837,705
Total All Utilities		1,156,399,890	89,252,356	(39,397,669)	(1,732,862)	-	1,204,521,716

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Electric Transmission								
352	Structures & Improvements	9,544,209	526,754	-	-	6,761	(21,301)	10,042,901
353	Station Equipment	172,687,286	15,098,598	7,351	1,694,619	460,554	3,267,227	188,905,289
354	Towers & Fixtures	70,453,676	3,071,333	729,696	703,227	324,292	(360,299)	72,866,888
355	Poles & Fixtures	108,545,650	8,276,326	4,246,639	1,482,891	1,732,775	(1,339,684)	116,513,264
356	Overhead Conductor & Devices	96,740,878	6,672,952	1,480,794	1,512,852	1,896,807	(1,227,898)	100,257,066
357	Underground Conduit	2,991,058	151,318	-	-	-	15,011	3,157,387
358	Underground Conductor & Devices	4,771,890	336,764	-	-	(10,495)	(13,501)	5,105,648
Total Electric Transmission		465,734,646	34,134,046	6,464,480	5,393,589	4,410,694	319,554	496,848,443
Electric Distribution								
361	Structures & Improvements	13,445,838	800,264	-	31	7,907	(24,669)	14,213,496
362	Station Equipment	144,514,689	11,526,889	4,307,096	3,664,102	1,316,458	(311,325)	155,056,791
364	Poles, Towers & Fixtures	195,085,045	12,294,370	3,907,682	832,466	4,027,184	3,328	206,430,775
365	Overhead Conductor & Devices	110,664,672	11,407,125	3,378,514	6,258,148	3,036,373	(4,337)	116,151,453
366	Underground Conduit	58,799,616	3,637,388	1,998,726	216,824	544,491	1,107	63,675,521
367	Underground Conductor & Devices	183,776,947	15,999,527	3,336,623	1,825,678	1,246,596	5,586	200,046,408
369	Services - Overhead	45,940,358	2,486,198	45,848	81,302	1,336,427	16,799	47,071,473
369	Services - Underground	79,291,915	5,914,757	32,495	47,883	(16,799)	(13,400)	85,194,683
373	Street Light & Signal Systems	35,190,338	2,958,220	596,435	454,489	969,243	-	37,321,260
Total Electric Distribution		866,709,418	67,024,738	17,603,420	13,380,923	12,467,881	(326,911)	925,161,860
Electric General								
390	Structures & Improvements	22,095,776	1,249,942	-	370,702	101,088	(331,060)	22,542,868
Total Electric General		22,095,776	1,249,942	-	370,702	101,088	(331,060)	22,542,868
Total Electric Utility		1,354,539,840	102,408,726	24,067,900	19,145,214	16,979,662	(338,417)	1,444,553,172

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Transmission								
366	Structures & Improvements	462,941	19,050	-	11,909	-	-	470,082
367	Mains	17,456,550	1,188,202	52,698	118,421	7,628	-	18,571,401
369	Measure & Regulating Station Equipment	1,817,513	316,825	-	23,421	34,658	-	2,076,259
Total Gas Transmission		19,737,003	1,524,077	52,698	153,751	42,286	-	21,117,742
Gas Distribution								
375	Structures & Improvements	61,565	4,791	-	-	-	(810)	65,546
376	Mains - Metallic	48,202,964	2,422,270	-	283,204	130,105	11,445	50,223,372
376	Mains - Plastic	89,543,986	6,934,850	1,231,287	1,668,721	152,404	12,244	95,901,242
378	Measure & Regulating Station Equipment - General	2,093,464	241,975	-	85,150	43,100	258	2,207,446
379	Measure & Regulating Station Equipment - City Gate	125,549	59,657	-	3,000	-	-	182,207
380	Services - Metallic	16,976,096	319,902	301	747,051	320,072	(6,339)	16,222,836
380	Services - Plastic	109,429,703	8,054,700	126,255	2,374,185	776,287	(16,798)	114,443,388
Total Gas Distribution		266,433,326	18,038,146	1,357,843	5,161,310	1,421,969	-	279,246,037
Gas General								
390	Structures & Improvements	201,590	19,816	-	65,238	-	(710)	155,458
Total Gas General		201,590	19,816	-	65,238	-	(710)	155,458
Total Gas Utility		286,371,920	19,582,038	1,410,541	5,380,299	1,464,254	(710)	300,519,236
Common General								
390	Structures & Improvements	22,374,589	1,967,074	-	2,085,723	1,689,125	(5,827)	20,560,988
390	Structures & Improvements - Leasehold Improvements	-	-	-	-	-	-	-
Total General		22,374,589	1,967,074	-	2,085,723	1,689,125	(5,827)	20,560,988
Total Common Utility		22,374,589	1,967,074	-	2,085,723	1,689,125	(5,827)	20,560,988
Total All Utilities		1,663,286,349	123,957,838	25,478,441	26,611,236	20,133,041	(344,954)	1,765,633,396

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Electric Transmission								
352	Structures & Improvements	10,042,901	725,474	-	18,372	6,167	530,878	11,274,714
353	Station Equipment	188,905,289	17,224,883	1,825,939	5,605,993	479,200	52,897	201,923,816
354	Towers & Fixtures	72,866,888	2,764,418	1,706,088	234,988	101,780	(197,973)	76,802,652
355	Poles & Fixtures	116,513,264	10,602,311	2,961,040	682,342	2,265,061	(245,190)	126,884,022
356	Overhead Conductor & Devices	100,257,066	7,447,229	3,363,013	1,019,924	1,389,569	282,646	108,940,461
357	Underground Conduit	3,157,387	153,752	-	-	-	36,865	3,348,003
358	Underground Conductor & Devices	5,105,648	364,608	-	-	-	128,348	5,598,605
Total Electric Transmission		496,848,443	39,282,675	9,856,080	7,561,619	4,241,777	588,471	534,772,273
Electric Distribution								
361	Structures & Improvements	14,213,496	806,261	-	36,835	16,808	7,029	14,973,143
362	Station Equipment	155,056,791	11,981,709	43,009	4,666,388	719,927	(95,532)	161,599,662
364	Poles, Towers & Fixtures	206,430,775	12,838,623	1,145,492	984,341	1,819,603	(1,100)	217,609,846
365	Overhead Conductor & Devices	116,151,453	11,785,080	512,752	6,843,323	1,662,865	-	119,943,096
366	Underground Conduit	63,675,521	3,555,904	37,611	174,689	120,236	-	66,974,110
367	Underground Conductor & Devices	200,046,408	18,172,229	117,417	2,991,702	541,188	(27)	214,803,137
369	Services - Overhead	47,071,473	2,561,052	40,537	1,633,914	617,067	-	47,422,081
369	Services - Underground	85,194,683	6,248,941	-	192,597	50,960	-	91,200,067
373	Street Light & Signal Systems	37,321,260	2,222,055	226,382	495,677	258,771	-	39,015,249
Total Electric Distribution		925,161,860	70,171,854	2,123,200	18,019,468	5,807,426	(89,630)	973,540,391
Electric General								
390	Structures & Improvements	22,542,868	1,224,833	-	108,034	14,085	(371)	23,645,211
Total Electric General		22,542,868	1,224,833	-	108,034	14,085	(371)	23,645,211
Total Electric Utility		1,444,553,172	110,679,362	11,979,279	25,689,120	10,063,288	498,470	1,531,957,875

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Transmission								
366	Structures & Improvements	470,082	18,725	-	-	-	-	488,806
367	Mains	18,571,401	1,397,067	-	-	-	-	19,968,468
369	Measure & Regulating Station Equipment	2,076,259	380,048	-	-	-	-	2,456,307
Total Gas Transmission		21,117,742	1,795,839	-	-	-	-	22,913,581
Gas Distribution								
375	Structures & Improvements	65,546	4,678	-	-	-	-	70,224
376	Mains - Metallic	50,223,372	2,434,708	-	382,030	90,419	-	52,185,630
376	Mains - Plastic	95,901,242	7,305,632	687,925	1,772,781	306,435	(0)	101,815,582
378	Measure & Regulating Station Equipment - General	2,207,446	250,724	-	1,306	-	-	2,456,864
379	Measure & Regulating Station Equipment - City Gate	182,207	65,403	-	-	-	-	247,609
380	Services - Metallic	16,222,836	440,703	-	325,115	260,296	-	16,078,128
380	Services - Plastic	114,443,388	8,240,536	-	1,161,673	371,772	-	121,150,479
Total Gas Distribution		279,246,037	18,742,383	687,925	3,642,906	1,028,922	(0)	294,004,517
Gas General								
390	Structures & Improvements	155,458	19,172	-	(65,238)	-	22,982	262,851
Total Gas General		155,458	19,172	-	(65,238)	-	22,982	262,851
Total Gas Utility		300,519,236	20,557,395	687,925	3,577,667	1,028,922	22,982	317,180,949
Common General								
390	Structures & Improvements	20,560,988	2,033,617	-	1,493,463	1,988,153	(13,670)	19,099,319
390	Structures & Improvements - Leasehold Improvements	-	203,501	-	-	-	43,085	246,586
Total General		20,560,988	2,237,118	-	1,493,463	1,988,153	29,415	19,345,905
Total Common Utility		20,560,988	2,237,118	-	1,493,463	1,988,153	29,415	19,345,905
Total All Utilities		1,765,633,396	133,473,876	12,667,204	30,760,251	13,080,364	550,867	1,868,484,729

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Electric Transmission								
352	Structures & Improvements	11,274,714	846,499	-	27,067	-	82,361	12,176,507
353	Station Equipment	201,923,816	18,292,363	2,011,972	4,135,009	1,930,047	57,391	216,220,487
354	Towers & Fixtures	76,802,652	2,739,096	727,278	25,954	150,046	(6)	80,093,020
355	Poles & Fixtures	126,884,022	10,907,208	2,834,793	1,288,931	2,742,996	(1,159,304)	135,434,793
356	Overhead Conductor & Devices	108,940,461	8,370,746	568,281	2,045,552	1,075,084	838,775	115,597,627
357	Underground Conduit	3,348,003	152,158	-	14,529	-	-	3,485,632
358	Underground Conductor & Devices	5,598,605	358,232	-	393,655	58,795	(1,047)	5,503,340
Total Electric Transmission		534,772,273	41,666,302	6,142,324	7,930,697	5,956,968	(181,829)	568,511,406
Electric Distribution								
361	Structures & Improvements	14,973,143	842,885	3,600	407,177	571,354	(677,327)	14,163,769
362	Station Equipment	161,599,662	11,948,886	55,628	2,042,577	586,428	(17,598,515)	153,376,656
364	Poles, Towers & Fixtures	217,609,846	12,903,853	1,022,139	(204,157)	1,807,933	(25,613,072)	204,318,990
365	Overhead Conductor & Devices	119,943,096	11,785,052	698,426	4,498,494	1,858,139	(15,240,231)	110,829,711
366	Underground Conduit	66,974,110	3,568,348	53,024	116,302	196,941	(8,000,391)	62,281,848
367	Underground Conductor & Devices	214,803,137	18,535,750	260,637	3,386,133	623,059	(25,230,592)	204,359,740
369	Services - Overhead	47,422,081	2,455,067	9,444	36,469	668,775	(5,761,394)	43,419,954
369	Services - Underground	91,200,067	6,022,445	2,623	94,303	22,993	(10,357,528)	86,750,311
373	Street Light & Signal Systems	39,015,249	2,259,979	348,387	994,205	362,594	(2,244,398)	38,022,418
Total Electric Distribution		973,540,391	70,322,265	2,453,908	11,371,502	6,698,215	(110,723,449)	917,523,397
Electric General								
390	Structures & Improvements	23,645,211	1,241,813	-	-	-	-	24,887,024
		23,645,211	1,241,813	-	-	-	-	24,887,024
		1,531,957,875	113,230,380	8,596,233	19,302,199	12,655,184	(110,905,278)	1,510,921,826



FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Transmission								
366	Structures & Improvements	488,806	19,121	-	-	-	(1,453)	506,474
367	Mains	19,968,468	1,506,103	11,212	-	-	-	21,485,783
369	Measure & Regulating Station Equipment	2,456,307	419,718	-	131,357	3,056	1,453	2,743,065
Total Gas Transmission		22,913,581	1,944,943	11,212	131,357	3,056	-	24,735,322
Gas Distribution								
375	Structures & Improvements	70,224	4,578	-	-	-	(713)	74,089
376	Mains - Metallic	52,185,630	2,590,322	396,005	324,145	51,003	-	54,796,810
376	Mains - Plastic	101,815,582	7,714,678	(1,099,291)	9,677,265	243,617	-	98,510,086
378	Measure & Regulating Station Equipment - General	2,456,864	253,281	-	16,993	12,543	1,521	2,682,130
379	Measure & Regulating Station Equipment - City Gate	247,609	65,482	-	-	310	(809)	311,972
380	Services - Metallic	16,078,128	422,136	-	152,343	205,883	-	16,142,038
380	Services - Plastic	121,150,479	8,480,682	-	4,543,391	809,071	-	124,278,699
Total Gas Distribution		294,004,517	19,531,158	(703,286)	14,714,136	1,322,428	-	296,795,825
Gas General								
390	Structures & Improvements	262,851	20,295	-	-	-	(22,982)	260,163
Total Gas General		262,851	20,295	-	-	-	(22,982)	260,163
Total Gas Utility		317,180,949	21,496,396	(692,074)	14,845,493	1,325,484	(22,982)	321,791,311
Common General								
390	Structures & Improvements	19,099,319	2,114,162	-	34,948	-	11,837	21,190,369
390	Structures & Improvements - Leasehold Improvements	246,586	122,243	-	-	-	-	368,830
Total General		19,345,905	2,236,406	-	34,948	-	11,837	21,559,199
Total Common Utility		19,345,905	2,236,406	-	34,948	-	11,837	21,559,199
Total All Utilities		1,868,484,729	136,963,181	7,904,158	34,182,641	13,980,668	(110,916,424)	1,854,272,336

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal	Credits (Debits)	
Electric Transmission								
352	Structures & Improvements	12,176,507	889,896	-	34,424	865	25,480	13,056,594
353	Station Equipment	216,220,487	19,325,060	2,413,435	3,723,576	1,252,152	400,938	233,384,191
354	Towers & Fixtures	80,093,020	2,770,685	1,367,574	173,217	455,095	21,894	83,624,859
355	Poles & Fixtures	135,434,793	12,141,831	1,145,960	1,579,212	2,089,498	(73,603)	144,980,271
356	Overhead Conductor & Devices	115,597,627	8,868,132	930,784	4,957,128	958,324	59,006	119,540,097
357	Underground Conduit	3,485,632	152,059	-	-	-	-	3,637,691
358	Underground Conductor & Devices	5,503,340	352,794	-	-	-	-	5,856,134
Total Electric Transmission		568,511,406	44,500,456	5,857,753	10,467,557	4,755,935	433,715	604,079,838
Electric Distribution - Minnesota Only								
361	Structures & Improvements	14,163,769	861,434	3,181	283,730	210,579	(313,022)	14,221,054
362	Station Equipment	153,376,656	11,671,293	352,922	3,755,938	2,056,926	(104,763)	159,483,245
364	Poles, Towers & Fixtures	204,318,990	12,229,473	524,766	828,812	1,303,176	(217,202)	214,724,038
365	Overhead Conductor & Devices	110,829,711	10,988,211	269,635	4,797,069	1,340,623	(4,351)	115,945,516
366	Underground Conduit	62,281,848	3,406,532	19,452	3,084,114	108,939	(271)	62,514,509
367	Underground Conductor & Devices	204,359,740	17,326,686	239,761	3,377,272	423,164	(10,749)	218,115,003
369	Services - Overhead	43,419,954	2,264,860	21,083	669,042	493,145	(212,792)	44,330,919
369	Services - Underground	86,750,311	5,604,657	66,576	670,318	23,962	1,201	91,728,465
373	Street Light & Signal Systems	38,022,418	2,277,471	89,064	551,321	355,459	(4,127)	39,478,045
Total Electric Distribution - Minnesota Only		917,523,397	66,630,617	1,586,441	18,017,614	6,315,972	(866,076)	960,540,793
Electric General								
390	Structures & Improvements	24,887,024	1,277,347	9,266	60,021	101	-	26,113,516
Total Electric General		24,887,024	1,277,347	9,266	60,021	101	-	26,113,516
Total Electric Utility		1,510,921,826	112,408,421	7,453,460	28,545,192	11,072,008	(432,361)	1,590,734,146

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Transmission								
366	Structures & Improvements	506,474	26,355	-	-	-	-	532,829
367	Mains	21,485,783	1,510,267	-	-	-	-	22,996,050
369	Measure & Regulating Station Equipment	2,743,065	431,517	-	12,800	-	-	3,161,783
Total Gas Transmission		24,735,322	1,968,139	-	12,800	-	-	26,690,662
Gas Distribution								
375	Structures & Improvements	74,089	4,236	-	-	-	(51,438)	26,888
376	Mains - Metallic	54,796,810	2,602,628	326	986,972	140,357	(8,043,385)	48,229,049
376	Mains - Plastic	98,510,086	8,057,136	329,218	1,591,964	239,095	(10,882,076)	94,183,305
378	Measure & Regulating Station Equipment - General	2,682,130	252,843	-	2,203	-	(263,818)	2,668,952
379	Measure & Regulating Station Equipment - City Gate	311,972	69,026	-	-	-	-	380,998
380	Services - Metallic	16,142,038	437,860	-	425,607	277,790	(1,849,827)	14,026,674
380	Services - Plastic	124,278,699	8,715,914	2,209	3,350,185	812,372	(11,473,399)	117,360,866
Total Gas Distribution		296,795,825	20,139,643	331,753	6,356,931	1,469,614	(32,563,943)	276,876,732
Gas General								
390	Structures & Improvements	260,163	31,099	-	-	-	-	291,263
Total Gas General		260,163	31,099	-	-	-	-	291,263
Total Gas Utility		321,791,311	22,138,881	331,753	6,369,731	1,469,614	(32,563,943)	303,858,657
Common General								
390	Structures & Improvements	21,190,369	2,222,510	-	-	-	-	23,412,880
390	Structures & Improvements - Leasehold Improvements	368,830	122,243	-	-	-	-	491,073
Total CommonGeneral		21,559,199	2,344,754	-	-	-	-	23,903,953
Total Common Utility		21,559,199	2,344,754	-	-	-	-	23,903,953
Total All Utilities		1,854,272,336	136,892,056	7,785,213	34,914,923	12,541,621	(32,996,304)	1,918,496,756

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Electric Transmission								
352	Structures & Improvements	13,056,594	997,958	-	10,040	-	1,944,260	15,988,771
353	Station Equipment	233,384,191	21,153,461	842,756	1,981,699	535,803	(2,008,739)	250,854,166
354	Towers & Fixtures	83,624,859	2,333,755 (1)	39,190	237,279	149,116	(27,211)	85,584,198
355	Poles & Fixtures	144,980,271	10,319,538 (1)	1,372,480	3,354,456	1,466,900	(1,906,202)	149,944,731
356	Overhead Conductor & Devices	119,540,097	7,671,287 (1)	838,832	6,461,356	507,005	(543,611)	120,538,245
357	Underground Conduit	3,637,691	157,314 (1)	-	-	-	-	3,795,005
358	Underground Conductor & Devices	5,856,134	373,132 (1)	-	-	-	-	6,229,266
Total Electric Transmission		604,079,838	43,006,444	3,093,258	12,044,830	2,658,824	(2,541,504)	632,934,382
Electric Distribution - Minnesota Only								
361	Structures & Improvements	14,221,054	920,385	-	6,315	6,899	1,066,619	16,194,844
362	Station Equipment	159,483,245	12,046,614	3,596	1,243,854	318,958	(1,670,006)	168,300,638
364	Poles, Towers & Fixtures	214,724,038	9,992,571 (1)	727,364	1,612,936	2,362,991	(605)	221,467,440
365	Overhead Conductor & Devices	115,945,516	8,039,872 (1)	806,631	9,325,086	2,477,523	(774)	112,988,636
366	Underground Conduit	62,514,509	1,838,704 (1)	253,707	244,584	654,546	(673)	63,707,118
367	Underground Conductor & Devices	218,115,003	9,633,997 (1)	419,749	4,686,957	259,281	(44)	223,222,466
369	Services - Overhead	44,330,919	1,722,957 (1)	(51,761)	838,064	478,988	-	44,685,062
369	Services - Underground	91,728,465	4,226,204 (1)	(8,757)	2,682,627	33,277	(293)	93,229,714
373	Street Light & Signal Systems	39,478,045	2,332,329	153,793	543,745	518,388	-	40,902,034
Total Electric Distribution - Minnesota Only		960,540,793	50,753,633	2,304,322	21,184,169	7,110,850	(605,777)	984,697,951
Electric General								
390	Structures & Improvements	26,113,516	1,313,349	-	226,373	276,268	(2,654)	26,921,569
Total Electric General		26,113,516	1,313,349	-	226,373	276,268	(2,654)	26,921,569
Total Electric Utility		1,590,734,146	95,073,425	5,397,580	33,455,372	10,045,942	(3,149,935)	1,644,553,902

(1) Accrual balances have been adjusted to account for depreciation expense adjustment approved in 2010 Minnesota Rate Case Settlement (Docket No. E002/GR-10-971)

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Transmission								
366	Structures & Improvements	532,829	24,911	-	-	-	-	557,740
367	Mains	22,996,050	1,501,814	-	670,110	228,915	-	23,598,839
369	Measure & Regulating Station Equipment	3,161,783	442,138	-	56,895	49,228	-	3,497,799
Total Gas Transmission		26,690,662	1,968,863	-	727,004	278,142	-	27,654,378
Gas Distribution - Minnesota Only								
375	Structures & Improvements	26,888	1,304	-	-	-	-	28,192
376	Mains - Metallic	48,229,049	2,457,280	-	646,694	317,868	433,941	50,155,708
376	Mains - Plastic	94,183,305	7,665,303	-	612,109	214,196	2,169,283	103,191,585
378	Measure & Regulating Station Equipment - General	2,668,952	238,110	-	2,119	15,709	-	2,889,234
379	Measure & Regulating Station Equipment - City Gate	380,998	69,138	-	-	-	-	450,136
380	Services - Metallic	14,026,674	388,985	-	501,753	21,671	-	13,892,235
380	Services - Plastic	117,360,866	8,049,321	34,779	1,423,316	1,219,403	240	122,802,487
Total Gas Distribution - Minnesota Only		276,876,732	18,869,442	34,779	3,185,991	1,788,848	2,603,464	293,409,578
Gas General								
390	Structures & Improvements	291,263	42,174	-	-	-	-	333,436
Total Gas General		291,263	42,174	-	-	-	-	333,436
Total Gas Utility		303,858,657	20,880,478	34,779	3,912,995	2,066,990	2,603,464	321,397,393
Common General								
390	Structures & Improvements	23,412,880	2,353,120	(10,312)	-	1,041,313	-	24,714,374
390	Structures & Improvements - Leasehold Improvements	491,073	122,243	-	-	-	-	613,316
Total Common General		23,903,953	2,475,363	(10,312)	-	1,041,313	-	25,327,691
Total Common Utility		23,903,953	2,475,363	(10,312)	-	1,041,313	-	25,327,691
Total All Utilities		1,918,496,756	118,429,267	5,422,048	37,368,367	13,154,246	(546,472)	1,991,278,985

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Electric Intangible								
303	Computer Software - 5 year	12,386,864	3,475,142	-	-	-	-	15,862,005
Total Electric Intangible		12,386,864	3,475,142	-	-	-	-	15,862,005
Electric Distribution								
368	Line Transformers	90,649,009	8,695,102	1,057,852	3,215,229	2,444,464	-	94,742,270
368	Line Capacitors	9,684,557	734,933	-	1,659,713	120,936	-	8,638,841
370	Meters	8,812,298	4,979,410	-	2,666,205	789,129	(942)	10,335,432
Total Electric Distribution		109,145,864	14,409,445	1,057,852	7,541,148	3,354,529	(942)	113,716,543
Electric General								
391	Office Furniture & Equipment	5,553,284	935,419	-	6,886	-	1,177,501	7,659,319
391	Network Equipment	5,687,720	2,299,278	-	2,157,135	-	65,725	5,895,589
392	Transportation Equipment - Light Trucks	749,074	736,758	-	-	-	-	1,485,832
392	Transportation Equipment - Trailers	416,746	154,089	-	-	-	-	570,835
392	Transportation Equipment - Heavy Trucks	633,660	771,464	2,491	-	1,396	-	1,406,219
393	Stores Equipment	1,246,874	108,051	-	312,985	-	-	1,041,939
394	Tools, Shop & Garage Equipment	22,391,021	2,348,751	-	7,705,069	-	(9,098)	17,025,607
395	Laboratory Equipment	2,661,873	453,316	-	566,020	-	3,987	2,553,155
396	Power Operated Equipment	420,712	303,480	-	-	-	28,921	753,113
397	Communication Equipment	1,279,574	352,648	-	154,493	-	12,343	1,490,072
397	Communication Equipment - Two Way	223,446	36,357	-	16,505	-	-	243,298
397	Communication Equipment - AES	124,604	202,323	-	-	-	-	326,927
397	Communication Equipment - EMS	18,622,475	644,674	-	15,634,327	-	-	3,632,822
398	Miscellaneous Equipment	632,009	194,504	-	4,327	-	-	822,185
Total Electric General		60,643,073	9,541,111	2,491	26,557,747	1,396	1,279,379	44,906,911
Total Electric Utility		182,175,800	27,425,697	1,060,343	34,098,895	3,355,925	1,278,437	174,485,459

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Intangible								
303	Computer Software - 5 year	1,337,326	207	-	-	-	-	1,337,533
Total Gas Intangible		1,337,326	207	-	-	-	-	1,337,533
Gas Distribution								
381	Meters	33,452,070	4,045,840	-	1,201,950	260,415	-	36,035,544
381	Meters - Telemetry	639,249	-	-	601,146	-	-	38,103
383	House Regulators	5,826,809	262,421	-	603,813	-	-	5,485,417
Total Gas Distribution		39,918,128	4,308,261	-	2,406,909	260,415	-	41,559,064
Gas General								
391	Office Furniture & Equipment	13,915	7,998	-	1,354	-	94,423	114,981
391	Network Equipment	22,577	7,186	-	1,934	-	-	27,829
392	Transportation Equipment - Light Trucks	126,386	111,487	-	-	-	-	237,873
392	Transportation Equipment - Trailers	13,177	29,783	-	-	-	-	42,960
392	Transportation Equipment - Heavy Trucks	110,146	114,967	-	-	-	-	225,113
394	Stores Equipment	3,099,685	314,144	-	525,912	-	-	2,887,917
395	Tools, Shop & Garage Equipment	39,191	3,106	-	33,318	-	(0)	8,979
396	Power Operated Equipment	703,773	11,750	-	66,375	-	-	649,149
397	Communication Equipment	1,341,432	499,738	-	125,517	-	(461,086)	1,254,567
397	Communications Equipment - Two Way	49,246	2,714	-	45,532	-	-	6,428
397	Communications Equipment - EMS	-	313,707	-	-	-	461,086	774,793
398	Miscellaneous Equipment	40,206	6,080	-	-	-	-	46,286
Total Gas General		5,559,734	1,422,659	-	799,942	-	94,423	6,276,874
Total Gas Utility		46,815,187	5,731,128	-	3,206,851	260,415	94,423	49,173,471

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Common Intangible								
303	Computer Software - All	130,656,473	26,318,202	-	-	-	-	156,974,675
Total Common Intangible		130,656,473	26,318,202	-	-	-	-	156,974,675
Common General								
391	Office Furniture & Equipment	14,910,350	1,505,602	180	1,086,869	10,001	(901,944)	14,417,318
391	Network Equipment	28,890,109	8,806,302	-	5,880,457	-	901,978	32,717,931
392	Transportation Equipment - Automobiles	55,976	28,782	-	-	-	-	84,758
392	Transportation Equipment - Light Trucks	667,990	250,684	3,737	-	-	-	922,411
392	Transportation Equipment - Trailers	55,612	61,101	-	-	-	-	116,712
392	Transportation Equipment - Heavy Trucks	515,742	269,803	-	-	-	-	785,546
393	Stores Equipment	429,947	22,952	-	113,152	-	-	339,747
394	Tools, Shop & Garage Equipment	1,239,425	114,685	-	368,342	-	0	985,767
395	Laboratory Equipment	10,241	3,669	-	-	-	-	13,910
396	Power Operated Equipment	4,857	1,322	-	-	-	-	6,179
397	Communication Equipment	2,362,176	593,011	-	189,472	-	(685,075)	2,080,640
397	Communication Equipment - Two Way	4,989,167	756,731	-	2,720,952	395,655	675,264	3,304,555
398	Miscellaneous Equipment	562,331	65,762	-	164,511	7,622	7,622	463,582
Total Common General		54,693,922	12,480,406	3,917	10,523,756	413,277	(2,156)	56,239,055
Total Common Utility		185,350,396	38,798,607	3,917	10,523,756	413,277	(2,156)	213,213,730
Total All Utilities		414,341,383	71,955,432	1,064,260	47,829,502	4,029,618	1,370,704	436,872,660



FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Electric Intangible								
303	Computer Software - 5 year	15,862,005	5,883,102	-	609,592	-	-	21,135,516
Total Electric Intangible		15,862,005	5,883,102	-	609,592	-	-	21,135,516
Electric Distribution								
368	Line Transformers	94,742,270	9,035,656	(17,746)	3,984,588	131,949	-	99,643,643
368	Line Capacitors	8,638,841	685,230	-	190,808	19,204	-	9,114,059
370	Meters	10,335,432	6,289,064	-	3,503,616	-	(3,817,887)	9,302,993
370	Meters - Old	-	283,451	-	-	-	3,817,887	4,101,339
Total Electric Distribution		113,716,543	16,293,402	(17,746)	7,679,011	151,152	-	122,162,034
Electric General								
391	Office Furniture & Equipment	7,659,319	1,151,938	-	44,975	-	764,108	9,530,390
391	Network Equipment	5,895,589	2,559,109	-	317,956	-	82,089	8,218,830
392	Transportation Equipment - Light Trucks	1,485,832	866,269	-	-	-	(1,157)	2,350,944
392	Transportation Equipment - Trailers	570,835	134,509	-	-	-	(9,928)	695,417
392	Transportation Equipment - Heavy Trucks	1,406,219	1,222,551	-	-	1,318	(51,602)	2,575,850
393	Stores Equipment	1,041,939	111,689	-	-	-	5,860	1,159,488
394	Tools, Shop & Garage Equipment	17,025,607	2,334,881	-	2,283,581	1,050	548,031	17,623,888
395	Laboratory Equipment	2,553,155	464,696	-	601,436	-	53,610	2,470,025
396	Power Operated Equipment	753,113	326,554	-	3,419	-	(13,955)	1,062,293
397	Communication Equipment	1,490,072	709,306	-	307,626	-	(74,214)	1,817,537
397	Communication Equipment - Two Way	243,298	41,621	-	-	-	13,689	298,609
397	Communication Equipment - AES	326,927	201,858	-	-	-	-	528,785
397	Communication Equipment - EMS	3,632,822	619,664	-	623,796	-	-	3,628,690
398	Miscellaneous Equipment	822,185	188,576	-	84,227	-	(37,843)	888,691
Total Electric General		44,906,911	10,933,220	-	4,267,016	2,368	1,278,689	52,849,436
Total Electric Utility		174,485,459	33,109,724	(17,746)	12,555,619	153,521	1,278,689	196,146,985

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Intangible								
303	Computer Software - 5 year	1,337,533	121	-	-	-	-	1,337,654
Total Gas Intangible		1,337,533	121	-	-	-	-	1,337,654
Gas Distribution								
381	Meters	36,035,544	5,194,669	-	1,602,503	-	232	39,627,942
381	Meters - Telemetry	38,103	-	-	-	-	-	38,103
383	House Regulators	5,485,417	558,674	-	-	-	(232)	6,043,859
Total Gas Distribution		41,559,064	5,753,343	-	1,602,503	-	-	45,709,904
Gas General								
391	Office Furniture & Equipment	114,981	11,486	-	-	-	-	126,467
391	Network Equipment	27,829	916	-	-	-	-	28,745
392	Transportation Equipment - Automobiles	-	284	-	-	-	-	284
392	Transportation Equipment - Light Trucks	237,873	142,252	-	-	-	-	380,126
392	Transportation Equipment - Trailers	42,960	30,938	-	-	-	-	73,898
392	Transportation Equipment - Heavy Trucks	225,113	166,651	-	-	-	-	391,764
394	Tools, Shop & Garage Equipment	2,887,917	291,124	-	-	-	-	3,179,040
395	Laboratory Equipment	8,979	389	-	-	-	-	9,368
396	Power Operated Equipment	649,149	16,587	-	-	-	-	665,735
397	Communication Equipment	1,254,567	972,892	-	-	-	(814,801)	1,412,658
397	Communication Equipment - Two Way	6,428	832	-	-	-	-	7,260
397	Communication Equipment - AES	-	54,817	-	-	-	814,801	869,618
397	Communication Equipment - EMS	774,793	407,890	-	-	-	-	1,182,684
398	Miscellaneous Equipment	46,286	6,080	-	-	-	-	52,366
Total Gas General		6,276,874	2,103,138	-	-	-	-	8,380,012
Total Gas Utility		49,173,471	7,856,602	-	1,602,503	-	-	55,427,570

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Common Intangible								
303	Computer Software - All	156,974,675	24,198,635	-	-	-	(22,477,534)	158,695,776
Total Common Intangible		156,974,675	24,198,635	-	-	-	(22,477,534)	158,695,776
Common General								
391	Office Furniture & Equipment	14,417,318	1,600,477	(351,919)	989,344	-	(37)	14,676,495
391	Network Equipment	32,717,931	7,694,624	-	10,701,667	-	(694)	29,710,193
392	Transportation Equipment - Automobiles	84,758	25,792	-	-	-	0	110,550
392	Transportation Equipment - Light Trucks	922,411	300,276	4,275	-	-	-	1,226,961
392	Transportation Equipment - Trailers	116,712	79,158	-	-	-	-	195,870
392	Transportation Equipment - Heavy Trucks	785,546	275,344	-	-	-	-	1,060,889
393	Stores Equipment	339,747	20,854	-	-	-	-	360,601
394	Tools, Shop & Garage Equipment	985,767	119,955	-	98,515	-	-	1,007,207
395	Laboratory Equipment	13,910	3,669	-	-	-	-	17,578
396	Power Operated Equipment	6,179	1,322	-	-	-	-	7,501
397	Communication Equipment	2,080,640	350,245	-	127,474	-	(5,912)	2,297,499
397	Communication Equipment - Two Way	3,304,555	826,917	-	97,882	-	(23,612)	4,009,978
398	Miscellaneous Equipment	463,582	67,062	-	42,440	-	-	488,204
Total Common General		56,239,055	11,365,695	(347,644)	12,057,323	-	(30,256)	55,169,527
Total Common Utility		213,213,730	35,564,330	(347,644)	12,057,323	-	(22,507,790)	213,865,303
Total All Utilities		436,872,660	76,530,656	(365,391)	26,215,444	153,521	(21,229,101)	465,439,859

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Electric Intangible								
303	Computer Software - 5 year	21,135,516	3,626,162	-	-	-	-	24,761,677
Total Electric Intangible		21,135,516	3,626,162	-	-	-	-	24,761,677
Electric Distribution								
368	Line Transformers	99,643,643	9,186,010	-	4,416,867	-	(12,076,299)	92,336,487
368	Line Capacitors	9,114,059	700,560	9,193	148,111	55,251	(726,001)	8,894,450
370	Meters	9,302,993	5,667,613	-	-	-	(1,718,520)	13,252,086
370	Meters - Old	4,101,339	823,763	-	-	-	(603,804)	4,321,298
Total Electric Distribution		122,162,034	16,377,947	9,193	4,564,978	55,251	(15,124,625)	118,804,321
Electric General								
391	Office Furniture & Equipment	9,530,390	1,160,870	-	-	-	54,262	10,745,521
391	Network Equipment	8,218,830	2,456,611	-	141,404	-	(21,938)	10,512,100
392	Transportation Equipment - Light Trucks	2,350,944	1,218,072	-	-	-	-	3,569,015
392	Transportation Equipment - Trailers	695,417	166,250	50	347,741	50	-	513,926
392	Transportation Equipment - Heavy Trucks	2,575,850	1,827,140	-	-	-	112,135	4,515,125
393	Stores Equipment	1,159,488	111,584	-	-	-	-	1,271,072
394	Tools, Shop & Garage Equipment	17,623,888	2,422,798	-	5,215,159	(0)	(7,265)	14,824,262
395	Laboratory Equipment	2,470,025	457,651	-	372,410	-	-	2,555,265
396	Power Operated Equipment	1,062,293	345,118	-	0	-	(104,870)	1,302,540
397	Communication Equipment	1,817,537	767,650	-	268,137	-	33,732	2,350,782
397	Communication Equipment - Two Way	298,609	38,131	-	98,210	-	-	238,530
397	Communication Equipment - AES	528,785	252,417	-	-	-	-	781,202
397	Communication Equipment - EMS	3,628,690	499,449	-	1,675,821	-	(10,632)	2,441,686
398	Miscellaneous Equipment	888,691	167,915	-	58,129	-	(54,262)	944,216
Total Electric General		52,849,436	11,891,656	50	8,177,010	50	1,162	56,565,244
Total Electric Utility		196,146,985	31,895,765	9,243	12,741,987	55,301	(15,123,462)	200,131,243

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Intangible								
303	Computer Software - 5 year	1,337,654	19,998	-	-	-	-	1,357,652
Total Gas Intangible		1,337,654	19,998	-	-	-	-	1,357,652
Gas Distribution								
381	Meters	39,627,942	5,329,094	-	-	-	-	44,957,035
381	Meters - Telemetry	38,103	-	-	-	-	-	38,103
383	House Regulators	6,043,859	558,504	-	-	-	-	6,602,364
Total Gas Distribution		45,709,904	5,887,598	-	-	-	-	51,597,502
Gas General								
391	Office Furniture & Equipment	126,467	11,436	-	-	-	-	137,903
391	Network Equipment	28,745	-	-	28,745	-	-	-
392	Transportation Equipment - Automobiles	284	10,745	-	-	-	-	11,029
392	Transportation Equipment - Light Trucks	380,126	193,751	-	-	-	-	573,876
392	Transportation Equipment - Trailers	73,898	40,165	-	-	-	-	114,063
392	Transportation Equipment - Heavy Trucks	391,764	254,229	-	-	-	-	645,993
394	Tools, Shop & Garage Equipment	3,179,040	288,983	-	1,270,951	-	-	2,197,072
395	Laboratory Equipment	9,368	252	-	7,380	-	-	2,240
396	Power Operated Equipment	665,735	12,333	-	-	-	-	678,068
397	Communication Equipment	1,412,658	1,081,917	-	179,437	-	-	2,315,139
397	Communication Equipment - Two Way	7,260	226	-	5,338	-	-	2,147
397	Communication Equipment - AES	869,618	180,011	-	-	-	-	1,049,629
397	Communication Equipment - EMS	1,182,684	413,020	-	-	-	-	1,595,703
398	Miscellaneous Equipment	52,366	5,980	-	5,493	-	-	52,853
Total Gas General		8,380,012	2,493,047	-	1,497,344	-	-	9,375,715
Total Gas Utility		55,427,570	8,400,642	-	1,497,344	-	-	62,330,869

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Common Intangible								
303	Computer Software - All	158,695,776	15,616,552	-	-	-	(211,301)	174,101,026
Total Common Intangible		158,695,776	15,616,552	-	-	-	(211,301)	174,101,026
Common General								
391	Office Furniture & Equipment	14,676,495	1,650,751	-	59,885	8,869	-	16,258,491
391	Network Equipment	29,710,193	6,368,973	327,097	(787,840)	478,143	9,528	36,725,488
392	Transportation Equipment - Automobiles	110,550	23,029	-	-	-	-	133,579
392	Transportation Equipment - Light Trucks	1,226,961	323,200	-	-	-	(31,026)	1,519,135
392	Transportation Equipment - Trailers	195,870	86,683	-	-	-	-	282,553
392	Transportation Equipment - Heavy Trucks	1,060,889	310,971	-	-	-	31,026	1,402,887
393	Stores Equipment	360,601	20,792	-	-	-	-	381,393
394	Tools, Shop & Garage Equipment	1,007,207	115,376	-	291,266	-	494	831,811
395	Laboratory Equipment	17,578	3,669	-	-	-	-	21,247
396	Power Operated Equipment	7,501	1,644	-	-	-	-	9,145
397	Communication Equipment	2,297,499	273,948	-	1,147,802	-	(20,204)	1,403,441
397	Communication Equipment - Two Way	4,009,978	815,128	-	-	-	-	4,825,106
398	Miscellaneous Equipment	488,204	62,466	-	35,714	-	(1,655)	513,301
Total Common General		55,169,527	10,056,630	327,097	746,827	487,013	(11,837)	64,307,578
Total Common Utility		213,865,303	25,673,182	327,097	746,827	487,013	(223,138)	238,408,604
Total All Utilities		465,439,859	65,969,589	336,340	14,986,159	542,313	(15,346,600)	500,870,716

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Electric Intangible								
303	Computer Software - 5 year	24,761,677	2,615,266	-	-	-	-	27,376,943
Total Electrical Intangible		24,761,677	2,615,266	-	-	-	-	27,376,943
Electric Distribution - Minnesota Only								
368	Line Transformers	92,336,487	9,025,338	53,848	63	1,351,824	-	100,063,785
368	Line Capacitors	8,894,450	688,046	33,100	112,815	13,965	-	9,488,817
370	Meters	13,252,086	5,694,193	1,292	-	493,066	-	18,454,505
370	Meters - Old	4,321,298	743,991	-	-	-	-	5,065,289
Total Electric Distribution - Minnesota Only		118,804,321	16,151,568	88,239	112,878	1,858,856	-	133,072,395
Electric General								
391	Office Furniture & Equipment	10,745,521	1,275,395	-	-	-	-	12,020,916
391	Network Equipment	10,512,100	2,485,034	-	-	-	(3,215)	12,993,919
392	Transportation Equipment - Automobiles	-	38,726	-	-	-	-	38,726
392	Transportation Equipment - Light Trucks	3,569,015	1,456,297	-	-	-	-	5,025,313
392	Transportation Equipment - Trailers	513,926	335,399	-	-	-	-	849,324
392	Transportation Equipment - Heavy Trucks	4,515,125	2,248,469	-	-	-	-	6,763,595
393	Stores Equipment	1,271,072	109,132	-	-	-	-	1,380,204
394	Tools, Shop & Garage Equipment	14,824,262	2,737,648	-	-	-	(80,043)	17,481,867
395	Laboratory Equipment	2,555,265	428,302	-	-	-	-	2,983,568
396	Power Operated Equipment	1,302,540	904,328	-	-	-	(61,769)	2,145,099
397	Communication Equipment	2,350,782	913,041	-	-	-	26,979	3,290,802
397	Communication Equipment - Two Way	238,530	34,808	-	-	-	-	273,338
397	Communication Equipment - AES	781,202	262,528	-	-	-	-	1,043,730
397	Communication Equipment - EMS	2,441,686	1,108,938	-	-	-	-	3,550,624
398	Miscellaneous Equipment	944,216	183,018	-	-	-	-	1,127,235
Total Electric General		56,565,244	14,521,063	-	-	-	(118,048)	70,968,258
Total Electric Utility		200,131,243	33,287,897	88,239	112,878	1,858,856	(118,048)	231,417,597

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Intangible								
303	Computer Software - 5 year	1,357,652	330,628	-	-	-	(5,081)	1,683,198
Total Gas Intangible		1,357,652	330,628	-	-	-	(5,081)	1,683,198
Gas Distribution								
381	Meters	44,957,035	5,522,215	801	-	352,882	(4,808,642)	45,318,527
381	Meters - Telemetry	38,103	-	-	-	-	(1,325)	36,778
383	House Regulators	6,602,364	559,330	-	69	-	-	7,161,625
Total Gas Distribution		51,597,502	6,081,545	801	69	352,882	(4,809,967)	52,516,930
Gas General								
391	Office Furniture & Equipment	137,903	36,354	-	-	-	-	174,257
391	Network Equipment	-	2,758	-	-	-	-	2,758
392	Transportation Equipment - Automobiles	11,029	10,918	-	-	-	-	21,947
392	Transportation Equipment - Light Trucks	573,876	212,894	-	-	-	-	786,770
392	Transportation Equipment - Trailers	114,063	54,105	6,460	-	(5,720)	-	180,348
392	Transportation Equipment - Heavy Trucks	645,993	287,193	-	-	-	-	933,186
394	Tools, Shop & Garage Equipment	2,197,072	276,716	-	-	-	-	2,473,788
395	Laboratory Equipment	2,240	252	-	-	-	-	2,491
396	Power Operated Equipment	678,068	47,916	-	-	-	-	725,985
397	Communication Equipment	2,315,139	1,294,077	-	-	-	-	3,609,216
397	Communication Equipment - Two Way	2,147	-	-	-	-	-	2,147
397	Communication Equipment - AES	1,049,629	238,973	-	-	-	-	1,288,602
397	Communication Equipment - EMS	1,595,703	416,054	-	-	-	-	2,011,758
398	Miscellaneous Equipment	52,853	5,947	-	-	-	(740)	58,060
Total Gas General		9,375,715	2,884,157	6,460	-	(5,720)	(740)	12,271,312
Total Gas Utility		62,330,869	9,296,330	7,261	69	347,162	(4,815,788)	66,471,440



FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Common Intangible								
303	Computer Software - All	174,101,026	12,949,034	-	-	-	-	187,050,061
Total Common Intangible		174,101,026	12,949,034	-	-	-	-	187,050,061
Common General								
391	Office Furniture & Equipment	16,258,491	1,689,898	-	-	-	-	17,948,389
391	Network Equipment	36,725,488	5,205,934	-	-	-	-	41,931,422
392	Transportation Equipment - Automobiles	133,579	2,645	-	-	-	-	136,224
392	Transportation Equipment - Light Trucks	1,519,135	357,044	-	-	-	-	1,876,179
392	Transportation Equipment - Trailers	282,553	77,293	-	-	-	-	359,846
392	Transportation Equipment - Heavy Trucks	1,402,887	337,979	-	-	-	-	1,740,865
393	Stores Equipment	381,393	22,021	-	-	-	-	403,414
394	Tools, Shop & Garage Equipment	831,811	129,137	-	-	-	-	960,948
395	Laboratory Equipment	21,247	3,669	-	-	-	-	24,915
396	Power Operated Equipment	9,145	19,302	-	-	-	-	28,447
397	Communication Equipment	1,403,441	260,738	-	-	-	-	1,664,179
397	Communication Equipment - Two Way	4,825,106	689,454	-	-	-	-	5,514,560
398	Miscellaneous Equipment	513,301	59,593	-	-	-	-	572,894
Total Common General		64,307,578	8,854,706	-	-	-	-	73,162,283
Total Common Utility		238,408,604	21,803,740	-	-	-	-	260,212,344
Total All Utilities		500,870,716	64,387,967	95,500	112,947	2,206,017	(4,933,836)	558,101,382

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Electric Intangible								
303	Computer Software - 5 year	27,376,943	2,381,180	-	-	-	-	29,758,124
Total Electric Intangible		27,376,943	2,381,180	-	-	-	-	29,758,124
Electric Distribution - Minnesota Only								
368	Line Transformers	100,063,785	6,723,616 (1)	-	83,479	1,297	-	106,702,624
368	Line Capacitors	9,488,817	566,740 (1)	-	100,958	67,097	-	9,887,503
370	Meters	18,454,505	5,229,971 (1)	-	-	-	-	23,684,476
370	Meters - Old	5,065,289	618,005 (1)	-	-	-	-	5,683,294
Total Electric Distribution - Minnesota Only		133,072,395	13,138,333	-	184,437	68,394	-	145,957,897
Electric General								
391	Office Furniture & Equipment	12,020,916	1,254,171	-	2,279,663	-	-	10,995,425
391	Network Equipment	12,993,919	2,023,507	-	5,220,532	-	-	9,796,894
392	Transportation Equipment - Automobiles	38,726	58,191	-	-	-	-	96,916
392	Transportation Equipment - Light Trucks	5,025,313	1,731,636	-	-	-	(7,004)	6,749,945
392	Transportation Equipment - Trailers	849,324	564,892	-	-	-	-	1,414,216
392	Transportation Equipment - Heavy Trucks	6,763,595	2,909,425	-	-	-	(286,823)	9,386,197
393	Stores Equipment	1,380,204	79,970	-	707,060	-	7,004	760,118
394	Tools, Shop & Garage Equipment	17,481,867	3,136,945	-	2,914,764	11,284	168,451	17,861,215
395	Laboratory Equipment	2,983,568	344,170	-	1,341,983	-	-	1,985,755
396	Power Operated Equipment	2,145,099	1,789,037	-	-	-	(403,678)	3,530,457
397	Communication Equipment	3,290,802	1,345,250	-	1,333	6,635	70,822	4,698,905
397	Communication Equipment - Two Way	273,338	27,503	-	193,513	-	783	108,111
397	Communication Equipment - AES	1,043,730	303,812	-	-	-	-	1,347,542
397	Communication Equipment - EMS	3,550,624	996,857	-	119,121	2,943	(66,073)	4,359,344
398	Miscellaneous Equipment	1,127,235	184,793	-	-	-	-	1,312,028
Total Electric General		70,968,258	16,750,159	-	12,777,968	20,862	(516,518)	74,403,069
Total Electric Utility		231,417,597	32,269,672	-	12,962,405	89,256	(516,518)	250,119,090

(1) Accrual balances have been adjusted to account for depreciation expense adjustment approved in 2010 Minnesota Rate Case Settlement (Docket No. E002/GR-10-971)

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Gas Intangible								
303	Computer Software - 5 year	1,683,198	498,511	-	-	-	-	2,181,710
Total Gas Intangible		1,683,198	498,511	-	-	-	-	2,181,710
Gas Distribution - Minnesota Only								
381	Meters	45,318,527	5,369,992	-	-	-	-	50,688,519
381	Meters - Telemetry	36,778	-	-	-	-	-	36,778
383	House Regulators	7,161,625	559,291	-	12	2,849	-	7,718,055
Total Gas Distribution - Minnesota Only		52,516,930	5,929,283	-	12	2,849	-	58,443,351
Gas General								
391	Office Furniture & Equipment	174,257	47,770	-	107,074	-	-	114,953
391	Network Equipment	2,758	9,648	-	-	-	-	12,406
392	Transportation Equipment - Automobiles	21,947	14,377	-	-	-	-	36,324
392	Transportation Equipment - Light Trucks	786,770	307,399	-	-	-	-	1,094,169
392	Transportation Equipment - Trailers	180,348	58,713	-	-	-	-	239,062
392	Transportation Equipment - Heavy Trucks	933,186	357,869	-	-	-	-	1,291,055
393	Stores Equipment	-	484	-	-	-	-	484
394	Tools, Shop & Garage Equipment	2,473,788	281,380	-	413,970	-	-	2,341,198
395	Laboratory Equipment	2,491	26	-	2,517	-	-	-
396	Power Operated Equipment	725,985	49,256	-	82,379	-	-	692,863
397	Communication Equipment	3,609,216	1,385,515	-	11,640	21,350	3,461	4,965,202
397	Communication Equipment - Two Way	2,147	-	-	2,147	-	-	(0)
397	Communication Equipment - AES	1,288,602	306,871	-	-	-	-	1,595,472
397	Communication Equipment - EMS	2,011,758	450,192	-	-	71	71	2,461,950
398	Miscellaneous Equipment	58,060	5,947	-	-	-	-	64,007
Total Gas General		12,271,312	3,275,447	-	619,726	21,421	3,532	14,909,144
Total Gas Utility		66,471,440	9,703,241	-	619,738	24,270	3,532	75,534,205

FERC Acct	Account Description	Beginning Balance	Credits		Debits		Transfers Adjustments And Other Credits (Debits)	Ending Balance
			Accruals	Gross Salvage	Retirements	Cost Of Removal		
Common Intangible								
303	Computer Software - All	187,050,061	13,814,230	-	-	-	-	200,864,291
Total Common Intangible		187,050,061	13,814,230	-	-	-	-	200,864,291
Common General								
391	Office Furniture & Equipment	17,948,389	1,706,194	-	859,438	48,000	-	18,747,145
391	Network Equipment	41,931,422	6,359,185	33,319	19,747,779	17,090	-	28,559,057
392	Transportation Equipment - Automobiles	136,224	36,591	-	-	-	-	172,816
392	Transportation Equipment - Light Trucks	1,876,179	380,516	-	-	-	-	2,256,695
392	Transportation Equipment - Trailers	359,846	96,428	-	-	-	-	456,274
392	Transportation Equipment - Heavy Trucks	1,740,865	197,168	-	-	-	-	1,938,033
393	Stores Equipment	403,414	8,563	-	351,877	-	-	60,100
394	Tools, Shop & Garage Equipment	960,948	148,226	-	170,079	7,103	-	931,993
395	Laboratory Equipment	24,915	3,669	-	-	-	-	28,584
396	Power Operated Equipment	28,447	182,442	-	-	-	-	210,889
397	Communication Equipment	1,664,179	162,321	-	1,105,612	-	-	720,887
397	Communication Equipment - Two Way	5,514,560	415,369	-	3,562,640	-	-	2,367,289
398	Miscellaneous Equipment	572,894	46,078	-	18,100	6,003	17,516	612,386
Total Common General		73,162,283	9,742,750	33,319	25,815,526	78,195	17,516	57,062,147
Total Common Utility		260,212,344	23,556,980	33,319	25,815,526	78,195	17,516	257,926,439
Total All Utilities		558,101,382	65,529,893	33,319	39,397,669	191,722	(495,469)	583,579,733

Northern States Power Company  
2007 Summary of Annual Depreciation Accruals  
Average Service Life

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Electric Transmission										
352	Structures & Improvements	22,439,414	0%	-	9,544,209	12,895,205	45	526,754	2.22%	42.53%
353	Station Equipment	554,781,904	0%	-	172,687,286	382,094,618	38	15,098,598	2.63%	31.13%
354	Towers & Fixtures	113,941,652	-25%	(28,485,413)	70,453,676	71,973,390	50	3,071,333	2.50%	49.47%
355	Poles & Fixtures	246,068,649	-10%	(24,606,865)	108,545,650	162,129,864	45	8,276,326	2.44%	40.10%
356	Overhead Conductor & Devices	210,512,544	-30%	(63,153,763)	96,740,878	176,925,429	42	6,672,952	3.10%	35.35%
357	Underground Conduit	8,116,831	0%	-	2,991,058	5,125,774	55	151,318	1.82%	36.85%
358	Underground Conductor & Devices	12,613,801	0%	-	4,771,890	7,841,911	40	336,764	2.50%	37.83%
Total Electric Transmission		1,168,474,795			465,734,646	818,986,190		34,134,046		
Electric Distribution										
361	Structures & Improvements	27,373,758	-30%	(8,212,127)	13,445,838	22,140,047	45	800,264	2.89%	37.78%
362	Station Equipment	390,490,201	-10%	(39,049,020)	144,514,689	285,024,533	38	11,526,889	2.89%	33.64%
364	Poles, Towers & Fixtures	254,621,564	-90%	(229,159,407)	195,085,045	288,695,926	40	12,294,370	4.75%	40.33%
365	Overhead Conductor & Devices	302,659,414	-30%	(90,797,824)	110,664,672	282,792,566	35	11,407,125	3.71%	28.13%
366	Underground Conduit	168,265,756	0%	-	58,799,616	109,466,140	50	3,656,438	2.00%	34.94%
367	Underground Conductor & Devices	744,573,191	20%	148,914,638	183,776,947	411,881,606	35	17,187,728	2.29%	30.85%
369	Services - Overhead	75,583,248	-35%	(26,454,137)	45,940,358	56,097,027	40	2,486,198	3.38%	45.02%
369	Services - Underground	178,882,637	-35%	(62,608,923)	79,291,915	162,199,645	40	5,914,757	3.38%	32.83%
373	Street Light & Signal Systems	42,633,288	-20%	(8,526,658)	35,190,338	15,969,608	25	2,958,220	4.80%	68.78%
Total Electric Distribution		2,185,083,057			866,709,418	1,634,267,097		68,231,989		
Electric General										
390	Structures & Improvements	60,277,017	0%	-	22,095,776	38,181,241	45	3,236,831	2.22%	36.66%
Total Electric General		60,277,017			22,095,776	38,181,241		3,236,831		
Total Electric Utility		3,413,834,869			1,354,539,840	2,491,434,528		105,602,866		

Northern States Power Company  
2007 Summary of Annual Depreciation Accruals  
Average Service Life

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage %	Est. Future Net Salvage Amount	Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
Gas Transmission										
366	Structures & Improvements	853,592	0%	-	462,941	390,651	41	3,656,438	2.44%	54.23%
367	Mains	40,141,704	-30%	(12,042,511)	17,456,550	34,727,666	45	17,187,728	2.89%	33.45%
369	Measure & Regulating Station Equipment	8,124,771	-25%	(2,031,193)	1,817,513	8,338,451	31	316,825	4.03%	17.90%
Total Gas Transmission		49,120,067			19,737,003	43,456,768		21,160,991		
Gas Distribution										
375	Structures & Improvements	205,855	0%	-	61,565	144,290	41	4,791	2.44%	29.91%
376	Mains - Metallic	83,669,253	-30%	(25,100,776)	48,202,964	60,567,065	45	2,422,270	2.89%	44.32%
376	Mains - Plastic	282,187,424	-15%	(42,328,114)	89,543,986	234,971,552	45	6,934,850	2.56%	27.59%
378	Measure & Regulating Station Equipment - General	6,297,057	-25%	(1,574,264)	2,093,464	5,777,858	31	241,975	4.03%	26.60%
379	Measure & Regulating Station Equipment - City Gate	1,526,058	-25%	(381,515)	125,549	1,782,024	31	59,657	4.03%	6.58%
380	Services - Metallic	13,793,171	-30%	(4,137,951)	16,976,096	955,026	40	319,902	3.25%	94.67%
380	Services - Plastic	245,386,945	-30%	(73,616,084)	109,429,703	209,573,326	40	8,054,700	3.25%	34.30%
Total Gas Distribution		633,065,765			266,433,326	513,771,142		18,038,146		
Gas General										
390	Structures & Improvements	903,238	0%	-	201,590	701,648	45	3,236,831	2.22%	22.32%
Total Gas General		903,238			201,590	701,648		3,236,831		
Total Gas Utility		683,089,070			286,371,920	557,929,557		42,435,968		
Common General										
390	Structures & Improvements	69,897,133	0%	-	22,374,589	47,522,544	45	3,236,831	2.22%	32.01%
390	Structures & Improvements - Leasehold Improvements	14,606	0%	-	-	14,606	9.5	-	10.53%	0.00%
Total Common General		69,911,739			22,374,589	47,537,151		3,236,831		
Total Common Utility		69,911,739			22,374,589	47,537,151		3,236,831		
Total All Utilities		4,166,835,678			1,663,286,349	3,096,901,236		151,275,666		

Northern States Power Company  
2008 Summary of Annual Depreciation Accruals  
Average Service Life

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Electric Transmission										
352	Structures & Improvements	26,129,166	0%	-	10,042,901	16,086,266	45	725,474	2.22%	38.44%
353	Station Equipment	618,231,145	0%	-	188,905,289	429,325,856	38	17,224,883	2.63%	30.56%
354	Towers & Fixtures	111,318,161	-25%	(27,829,540)	72,866,888	66,280,814	50	2,764,418	2.50%	52.37%
355	Poles & Fixtures	375,169,363	-10%	(37,516,936)	116,513,264	296,173,035	45	10,602,311	2.44%	28.23%
356	Overhead Conductor & Devices	236,474,363	-30%	(70,942,309)	100,257,066	207,159,605	42	7,447,229	3.10%	32.61%
357	Underground Conduit	8,367,215	0%	-	3,157,387	5,209,828	55	153,752	1.82%	37.74%
358	Underground Conductor & Devices	14,028,218	0%	-	5,105,648	8,922,570	40	364,608	2.50%	36.40%
Total Electric Transmission		1,389,717,631			496,848,443	1,029,157,973		39,282,675		
Electric Distribution										
361	Structures & Improvements	27,565,852	-30%	(8,269,756)	14,213,496	21,622,112	45	806,261	2.89%	39.66%
362	Station Equipment	405,389,258	-10%	(40,538,926)	155,056,791	290,871,394	38	11,981,709	2.89%	34.77%
364	Poles, Towers & Fixtures	265,528,280	-90%	(238,975,452)	206,430,775	298,072,957	40	12,838,623	4.75%	40.92%
365	Overhead Conductor & Devices	313,584,673	-30%	(94,075,402)	116,151,453	291,508,621	35	11,785,080	3.71%	28.49%
366	Underground Conduit	174,459,193	0%	-	63,675,521	110,783,672	50	3,555,904	2.00%	36.50%
367	Underground Conductor & Devices	776,259,909	20%	155,251,982	200,046,408	420,961,519	35	18,172,229	2.29%	32.21%
369	Services - Overhead	76,506,525	-35%	(26,777,284)	47,071,473	56,212,336	40	2,561,052	3.38%	45.57%
369	Services - Underground	184,797,991	-35%	(64,679,297)	85,194,683	164,282,604	40	6,248,941	3.38%	34.15%
373	Street Light & Signal Systems	45,766,508	-20%	(9,153,302)	37,321,260	17,598,550	25	2,222,055	4.80%	67.96%
Total Electric Distribution		2,269,858,190			925,161,860	1,671,913,766		70,171,854		
Electric General										
390	Structures & Improvements	55,172,108	0%	-	22,542,868	32,629,240	45	1,224,833	2.22%	40.86%
Total Electric General		55,172,108			22,542,868	32,629,240		1,224,833		
Total Electric Utility		3,714,747,929			1,444,553,172	2,733,700,979		110,679,362		

Northern States Power Company  
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Average Service Life

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage %	Est. Future Net Salvage Amount	Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
Gas Transmission										
366	Structures & Improvements	737,514	0%	-	470,082	267,433	41	18,725	2.44%	63.74%
367	Mains	46,178,956	-30%	(13,853,687)	18,571,401	41,461,243	45	1,397,067	2.89%	30.94%
369	Measure & Regulating Station Equipment	8,313,183	-25%	(2,078,296)	2,076,259	8,315,219	31	380,048	4.03%	19.98%
Total Gas Transmission		55,229,653			21,117,742	50,043,894		1,795,839		
Gas Distribution										
375	Structures & Improvements	191,802	0%	-	65,546	126,256	41	4,678	2.44%	34.17%
376	Mains - Metallic	83,860,881	-30%	(25,158,264)	50,223,372	58,795,773	45	2,434,708	2.89%	46.07%
376	Mains - Plastic	291,682,924	-15%	(43,752,439)	95,901,242	239,534,120	45	7,305,632	2.56%	28.59%
378	Measure & Regulating Station Equipment - General	6,215,847	-25%	(1,553,962)	2,207,446	5,562,363	31	250,724	4.03%	28.41%
379	Measure & Regulating Station Equipment - City Gate	1,632,297	-25%	(408,074)	182,207	1,858,164	31	65,403	4.03%	8.93%
380	Services - Metallic	13,931,743	-30%	(4,179,523)	16,222,836	1,888,430	40	440,703	3.25%	89.57%
380	Services - Plastic	250,429,982	-30%	(75,128,995)	114,443,388	211,115,589	40	8,240,536	3.25%	35.15%
Total Gas Distribution		647,945,475			279,246,037	518,880,695		18,742,383		
Gas General										
390	Structures & Improvements	827,350	0%	-	155,458	671,892	45	19,172	2.22%	18.79%
Total Gas General		827,350			155,458	671,892		19,172		
Total Gas Utility		704,002,478			300,519,236	569,596,481		20,557,395		
Common General										
390	Structures & Improvements	90,441,408	0%	-	20,560,988	69,880,420	45	2,033,617	2.22%	22.73%
390	Structures & Improvements - Leasehold Improvements	-	0%	-	-	-	9.5	203,501	10.53%	0.00%
Total Common General		90,441,408			20,560,988	69,880,420		2,237,118		
Total Common Utility		90,441,408			20,560,988	69,880,420		2,237,118		
Total All Utilities		4,509,191,815			1,765,633,396	3,373,177,880		133,473,876		



Northern States Power Company  
2009 Summary of Annual Depreciation Accruals  
Average Service Life

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Electric Transmission										
352	Structures & Improvements	34,137,424	0%	-	11,274,714	22,862,710	45	846,499	2.22%	33.03%
353	Station Equipment	666,074,121	0%	-	201,923,816	464,150,304	38	18,292,363	2.63%	30.32%
354	Towers & Fixtures	109,539,953	-25%	(27,384,988)	76,802,652	60,122,288	50	2,739,096	2.50%	56.09%
355	Poles & Fixtures	456,336,737	-10%	(45,633,674)	126,884,022	375,086,388	45	10,907,208	2.44%	25.28%
356	Overhead Conductor & Devices	246,863,482	-30%	(74,059,045)	108,940,461	211,982,066	42	8,370,746	3.10%	33.95%
357	Underground Conduit	8,378,602	0%	-	3,348,003	5,030,599	55	152,158	1.82%	39.96%
358	Underground Conductor & Devices	14,526,016	0%	-	5,598,605	8,927,412	40	358,232	2.50%	38.54%
Total Electric Transmission		1,535,856,334			534,772,273	1,148,161,767		41,666,302		
Electric Distribution										
361	Structures & Improvements	28,314,884	-30%	(8,494,465)	14,973,143	21,836,206	45	842,885	2.89%	40.68%
362	Station Equipment	421,818,478	-10%	(42,181,848)	161,599,662	302,400,664	38	11,948,886	2.89%	34.83%
364	Poles, Towers & Fixtures	275,127,342	-90%	(247,614,608)	217,609,846	305,132,104	40	12,903,853	4.75%	41.63%
365	Overhead Conductor & Devices	322,152,895	-30%	(96,645,868)	119,943,096	298,855,667	35	11,785,052	3.71%	28.64%
366	Underground Conduit	180,420,819	0%	-	66,974,110	113,446,709	50	3,568,348	2.00%	37.12%
367	Underground Conductor & Devices	817,297,817	20%	163,459,563	214,803,137	439,035,117	35	18,535,750	2.29%	32.85%
369	Services - Overhead	74,378,666	-35%	(26,032,533)	47,422,081	52,989,118	40	2,455,067	3.38%	47.23%
369	Services - Underground	182,537,632	-35%	(63,888,171)	91,200,067	155,225,737	40	6,022,445	3.38%	37.01%
373	Street Light & Signal Systems	46,845,327	-20%	(9,369,065)	39,015,249	17,199,143	25	2,259,979	4.80%	69.40%
Total Electric Distribution		2,348,893,858			973,540,391	1,706,120,463		70,322,265		
Electric General										
390	Structures & Improvements	55,496,590	0%	-	23,645,211	31,851,379	45	1,241,813	2.22%	42.61%
Total Electric General		55,496,590			23,645,211	31,851,379		1,241,813		
Total Electric Utility		3,940,246,782			1,531,957,875	2,886,133,609		113,230,380		

Northern States Power Company  
2009 Summary of Annual Depreciation Accruals  
Average Service Life

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage %	Est. Future Net Salvage Amount	Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
Gas Transmission										
366	Structures & Improvements	772,027	0%	-	488,806	283,221	41	19,121	2.44%	63.31%
367	Mains	52,013,471	-30%	(15,604,041)	19,968,468	47,649,045	45	1,506,103	2.89%	29.53%
369	Measure & Regulating Station Equipment	10,202,980	-25%	(2,550,745)	2,456,307	10,297,418	31	419,718	4.03%	19.26%
Total Gas Transmission		62,988,479			22,913,581	58,229,685		1,944,943		
Gas Distribution										
375	Structures & Improvements	191,802	0%	-	70,224	121,578	41	4,578	2.44%	36.61%
376	Mains - Metallic	84,569,510	-30%	(25,370,853)	52,185,630	57,754,733	45	2,590,322	2.89%	47.47%
376	Mains - Plastic	309,582,405	-15%	(46,437,361)	101,815,582	254,204,184	45	7,714,678	2.56%	28.60%
378	Measure & Regulating Station Equipment - General	6,223,055	-25%	(1,555,764)	2,456,864	5,321,954	31	253,281	4.03%	31.58%
379	Measure & Regulating Station Equipment - City Gate	1,614,268	-25%	(403,567)	247,609	1,770,226	31	65,482	4.03%	12.27%
380	Services - Metallic	12,940,276	-30%	(3,882,083)	16,078,128	744,230	40	422,136	3.25%	95.58%
380	Services - Plastic	257,577,911	-30%	(77,273,373)	121,150,479	213,700,806	40	8,480,682	3.25%	36.18%
Total Gas Distribution		672,699,227			294,004,517	533,617,711		19,531,158		
Gas General										
390	Structures & Improvements	892,588	0%	-	262,851	629,737	45	20,295	2.22%	29.45%
Total Gas General		892,588			262,851	629,737		20,295		
Total Gas Utility		736,580,294			317,180,949	592,477,132		21,496,396		
Common General										
390	Structures & Improvements	93,118,942	0%	-	19,099,319	74,019,623	45	2,114,162	2.22%	20.51%
390	Structures & Improvements - Leasehold Improvements	1,163,412	0%	-	246,586	916,826	9.5	122,243	10.53%	21.20%
Total Common General		94,282,354			19,345,905	74,936,449		2,236,406		
Total Common Utility		94,282,354			19,345,905	74,936,449		2,236,406		
Total All Utilities		4,771,109,430			1,868,484,729	3,553,547,190		136,963,181		

Northern States Power Company  
2010 Summary of Annual Depreciation Accruals  
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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Electric Transmission										
352	Structures & Improvements	38,674,588	0%	-	12,176,507	26,498,081	45	889,896	2.22%	31.48%
353	Station Equipment	723,757,752	0%	-	216,220,487	507,537,265	38	19,325,060	2.63%	29.87%
354	Towers & Fixtures	109,513,964	-25%	(27,378,491)	80,093,020	56,799,436	50	2,770,685	2.50%	58.51%
355	Poles & Fixtures	482,550,962	-10%	(48,255,096)	135,434,793	395,371,265	45	12,141,831	2.44%	25.51%
356	Overhead Conductor & Devices	283,284,930	-30%	(84,985,479)	115,597,627	252,672,782	42	8,868,132	3.10%	31.39%
357	Underground Conduit	8,364,073	0%	-	3,485,632	4,878,441	55	152,059	1.82%	41.67%
358	Underground Conductor & Devices	14,114,024	0%	-	5,503,340	8,610,684	40	352,794	2.50%	38.99%
Total Electric Transmission		1,660,260,293			568,511,406	1,252,367,954		44,500,456		
Electric Distribution - Minnesota Only										
361	Structures & Improvements	29,664,827	-30%	(8,899,448)	14,163,769	24,400,507	45	861,434	2.89%	36.73%
362	Station Equipment	397,049,395	-10%	(39,704,940)	153,376,656	283,377,679	38	11,671,293	2.89%	35.12%
364	Poles, Towers & Fixtures	252,511,184	-90%	(227,260,066)	204,318,990	275,452,261	40	12,229,473	4.75%	42.59%
365	Overhead Conductor & Devices	292,013,114	-30%	(87,603,934)	110,829,711	268,787,336	35	10,988,211	3.71%	29.20%
366	Underground Conduit	168,819,961	0%	-	62,281,848	106,538,113	50	3,406,532	2.00%	36.89%
367	Underground Conductor & Devices	750,109,281	20%	150,021,856	204,359,740	395,727,685	35	17,326,686	2.29%	34.05%
369	Services - Overhead	66,142,569	-35%	(23,149,899)	43,419,954	45,872,514	40	2,264,860	3.38%	48.63%
369	Services - Underground	163,699,737	-35%	(57,294,908)	86,750,311	134,244,334	40	5,604,657	3.38%	39.25%
373	Street Light & Signal Systems	47,858,081	-20%	(9,571,616)	38,022,418	19,407,280	25	2,277,471	4.80%	66.21%
Total Electric Distribution - Minnesota Only		2,167,868,150			917,523,397	1,553,807,709		66,630,617		
Electric General										
390	Structures & Improvements	56,773,487	0%	-	24,887,024	31,886,463	45	1,277,347	2.22%	43.84%
Total Electric General		56,773,487			24,887,024	31,886,463		1,277,347		
Total Electric Utility		3,884,901,930			1,510,921,826	2,838,062,125		112,408,421		

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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage %	Est. Future Net Salvage Amount	Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
Gas Transmission										
366	Structures & Improvements	1,093,219	0%	-	506,474	586,745	41	26,355	2.44%	46.33%
367	Mains	52,273,234	-30%	(15,681,970)	21,485,783	46,469,421	45	1,510,267	2.89%	31.62%
369	Measure & Regulating Station Equipment	10,683,158	-25%	(2,670,790)	2,743,065	10,610,882	31	431,517	4.03%	20.54%
Total Gas Transmission		64,049,611			24,735,322	57,667,049		1,968,139		
Gas Distribution										
375	Structures & Improvements	184,752	0%	-	74,089	110,663	41	4,236	2.44%	40.10%
376	Mains - Metallic	90,246,844	-30%	(27,074,053)	54,796,810	62,524,088	45	2,602,628	2.89%	46.71%
376	Mains - Plastic	313,964,909	-15%	(47,094,736)	98,510,086	262,549,559	45	8,057,136	2.56%	27.28%
378	Measure & Regulating Station Equipment - General	6,305,552	-25%	(1,576,388)	2,682,130	5,199,809	31	252,843	4.03%	34.03%
379	Measure & Regulating Station Equipment - City Gate	1,709,556	-25%	(427,389)	311,972	1,824,972	31	69,026	4.03%	14.60%
380	Services - Metallic	12,900,906	-30%	(3,870,272)	16,142,038	629,140	40	437,860	3.25%	96.25%
380	Services - Plastic	267,507,792	-30%	(80,252,338)	124,278,699	223,481,431	40	8,715,914	3.25%	35.74%
Total Gas Distribution		692,820,311			296,795,825	556,319,662		20,139,643		
Gas General										
390	Structures & Improvements	1,387,058	0%	-	260,163	1,126,895	45	31,099	2.22%	18.76%
Total Gas General		1,387,058			260,163	1,126,895		31,099		
Total Gas Utility		758,256,980			321,791,311	615,113,605		22,138,881		
Common General										
390	Structures & Improvements	99,222,905	0%	-	21,190,369	78,032,535	45	2,222,510	2.22%	21.36%
390	Structures & Improvements - Leasehold Improvements	1,163,412	0%	-	368,830	794,582	9.5	122,243	10.53%	31.70%
Total Common General		100,386,317			21,559,199	78,827,118		2,344,754		
Total Common Utility		100,386,317			21,559,199	78,827,118		2,344,754		
Total All Utilities		4,743,545,226			1,854,272,336	3,532,002,848		136,892,056		

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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Settlement Depr Rate	Reserve Ratio
			%	Amount							
Electric Transmission											
352	Structures & Improvements	40,956,587	0%	-	13,056,594	27,899,994	45	997,958	2.22%		31.88%
353	Station Equipment	771,611,703	0%	-	233,384,191	538,227,512	38	21,153,461	2.63%		30.25%
354	Towers & Fixtures	118,786,783	-25%	(29,696,696)	83,624,859	64,858,619	50	2,333,755 (1)	2.50%	1.87% (2)	56.32%
355	Poles & Fixtures	513,726,756	-10%	(51,372,676)	144,980,271	420,119,161	45	10,319,538 (1)	2.44%	1.82% (2)	25.66%
356	Overhead Conductor & Devices	292,559,396	-30%	(87,767,819)	119,540,097	260,787,118	42	7,671,287 (1)	3.10%	2.47% (2)	31.43%
357	Underground Conduit	8,364,073	0%	-	3,637,691	4,726,382	55	157,314 (1)	1.82%	1.19% (2)	43.49%
358	Underground Conductor & Devices	14,114,024	0%	-	5,856,134	8,257,890	40	373,132 (1)	2.50%	1.87% (2)	41.49%
Total Electric Transmission		1,760,119,322			604,079,838	1,324,876,675		43,006,444			
Electric Distribution - Minnesota Only											
361	Structures & Improvements	30,198,951	-30%	(9,059,685)	14,221,054	25,037,583	45	920,385	2.89%		36.22%
362	Station Equipment	409,217,396	-10%	(40,921,740)	159,483,245	290,655,890	38	12,046,614	2.89%		35.43%
364	Poles, Towers & Fixtures	264,701,652	-90%	(238,231,487)	214,724,038	288,209,101	40	9,992,571 (1)	4.75%	3.67% (2)	42.69%
365	Overhead Conductor & Devices	300,222,201	-30%	(90,066,660)	115,945,516	274,343,346	35	8,039,872 (1)	3.71%	2.64% (2)	29.71%
366	Underground Conduit	181,776,629	0%	-	62,514,509	119,262,120	50	1,838,704 (1)	2.00%	0.92% (2)	34.39%
367	Underground Conductor & Devices	767,341,252	20%	153,468,250	218,115,003	395,757,999	35	9,633,997 (1)	2.29%	1.21% (2)	35.53%
369	Services - Overhead	67,769,456	-35%	(23,719,310)	44,330,919	47,157,847	40	1,722,957 (1)	3.38%	2.53% (2)	48.46%
369	Services - Underground	167,943,280	-35%	(58,780,148)	91,728,465	134,994,963	40	4,226,204 (1)	3.38%	2.53% (2)	40.46%
373	Street Light & Signal Systems	47,726,247	-20%	(9,545,249)	39,478,045	17,793,451	25	2,332,329	4.80%		68.93%
Total Electric Distribution - Minnesota Only		2,236,897,064			960,540,793	1,593,212,300		50,753,633			
Electric General											
390	Structures & Improvements	58,897,867	0%	-	26,113,516	32,784,352	45	1,313,349	2.22%		44.34%
Total Electric General		58,897,867			26,113,516	32,784,352		1,313,349			
Total Electric Utility		4,055,914,254			1,590,734,146	2,950,873,327		95,073,425			

(1) Accrual balances have been adjusted to account for depreciation expense adjustment approved in 2010 Minnesota Rate Case Settlement (Docket No. E002/GR-10-971)

(2) Depreciation rates based on depreciation adjustments approved in 2010 Minnesota Rate Case Settlement

Northern States Power Company  
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Average Service Life

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Settlement Depr Rate	Reserve Ratio
			%	Amount							
Gas Transmission											
366	Structures & Improvements	1,050,417	0%	-	532,829	517,588	41	24,911	2.44%		50.73%
367	Mains	52,331,420	-30%	(15,699,426)	22,996,050	45,034,796	45	1,501,814	2.89%		33.80%
369	Measure & Regulating Station Equipment	10,967,117	-25%	(2,741,779)	3,161,783	10,547,113	31	442,138	4.03%		23.06%
Total Gas Transmission		64,348,954			26,690,662	56,099,498		1,968,863			
Gas Distribution - Minnesota Only											
375	Structures & Improvements	52,047	0%	-	26,888	25,159	41	1,304	2.44%		51.66%
376	Mains - Metallic	78,636,165	-30%	(23,590,849)	48,229,049	53,997,965	45	2,457,280	2.89%		47.18%
376	Mains - Plastic	298,190,631	-15%	(44,728,595)	94,183,305	248,735,921	45	7,665,303	2.56%		27.47%
378	Measure & Regulating Station Equipment - General	5,832,895	-25%	(1,458,224)	2,668,952	4,622,166	31	238,110	4.03%		36.61%
379	Measure & Regulating Station Equipment - City Gate	1,708,384	-25%	(427,096)	380,998	1,754,483	31	69,138	4.03%		17.84%
380	Services - Metallic	12,128,385	-30%	(3,638,516)	14,026,674	1,740,227	40	388,985	3.25%		88.96%
380	Services - Plastic	245,295,464	-30%	(73,588,639)	117,360,866	201,523,237	40	8,049,321	3.25%		36.80%
Total Gas Distribution - Minnesota Only		641,843,971			276,876,732	512,399,158		18,869,442			
Gas General											
390	Structures & Improvements	1,638,345	0%	-	291,263	1,347,083	45	42,174	2.22%		17.78%
Total Gas General		1,638,345			291,263	1,347,083		42,174			
Total Gas Utility		707,831,271			303,858,657	569,845,738		20,880,478			
Common General											
390	Structures & Improvements	103,660,589	0%	-	23,412,880	80,247,709	45	2,353,120	2.22%		22.59%
390	Structures & Improvements - Leasehold Improvements	1,163,412	0%	-	491,073	672,339	9.5	122,243	10.53%		42.21%
Total Common General		104,824,001			23,903,953	80,920,048		2,475,363			
Total Common Utility		104,824,001			23,903,953	80,920,048		2,475,363			
Total All Utilities		4,868,569,526			1,918,496,756	3,601,639,113		118,429,267			

Northern States Power Company  
2007 Summary of Annual Depreciation Accruals  
Vintage Group

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Electric Intangible										
303	Computer Software - 5 year	23,391,269	0%	-	12,386,864	11,004,406	5	3,475,142	20.00%	52.96%
Total Electric Intangible		23,391,269		-	12,386,864	11,004,406		3,475,142		
Electric Distribution										
368	Line Transformers	300,838,213	10%	30,083,821	90,649,009	180,105,383	32	8,695,102	2.81%	33.48%
368	Line Capacitors	18,370,989	0%	-	9,684,557	8,686,432	25	734,933	4.00%	52.72%
370	Meters	98,366,459	0%	-	8,812,298	89,554,162	15	4,979,410	6.67%	8.96%
Total Electric Distribution		417,575,661		30,083,821	109,145,864	278,345,976		14,409,445		
Electric General										
391	Office Furniture & Equipment	15,638,572	0%	-	5,553,284	10,085,288	18	935,419	5.56%	35.51%
391	Network Equipment	8,987,662	0%	-	5,687,720	3,299,942	4	2,299,278	25.00%	63.28%
392	Transportation Equipment - Light Trucks	7,803,947	10%	780,395	749,074	6,274,478	10	736,758	9.00%	10.67%
392	Transportation Equipment - Trailers	1,660,671	10%	166,067	416,746	1,077,858	10	154,089	9.00%	27.88%
392	Transportation Equipment - Heavy Trucks	7,683,484	5%	384,174	633,660	6,665,650	12	771,464	7.92%	8.68%
393	Stores Equipment	1,859,332	0%	-	1,246,874	612,459	20	108,051	5.00%	67.06%
394	Tools, Shop & Garage Equipment	39,320,944	0%	-	22,391,021	16,929,923	15	2,348,751	6.67%	56.94%
395	Laboratory Equipment	4,857,805	0%	-	2,661,873	2,195,932	10	453,316	10.00%	54.80%
396	Power Operated Equipment	3,114,510	10%	311,451	420,712	2,382,347	10	303,480	9.00%	15.01%
397	Communication Equipment	2,390,160	0%	-	1,279,574	1,110,585	9	352,648	11.11%	53.54%
397	Communication Equipment - Two Way	327,910	0%	-	223,446	104,464	9	36,357	11.11%	68.14%
397	Communication Equipment - AES	1,184,552	0%	-	124,604	1,059,948	15	202,323	6.67%	10.52%
397	Communication Equipment - EMS	21,065,400	0%	-	18,622,475	2,442,924	9	644,674	11.11%	88.40%
398	Miscellaneous Equipment	2,901,180	0%	-	632,009	2,269,171	15	194,504	6.67%	21.78%
Total Electric General		118,796,128		1,642,087	60,643,073	56,510,968		9,541,111		
Total Electric Utility		559,763,059		31,725,908	182,175,800	345,861,350		27,425,697		

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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Gas Intangible										
303	Computer Software - 5 year	1,332,573	0%	-	1,337,326	(4,753)	5	207	20.00%	100.36%
Total Gas Intangible		1,332,573		-	1,337,326	(4,753)		207		
Gas Distribution										
381	Meters	85,906,851	-15%	(12,886,028)	33,452,070	65,340,809	20	4,045,840	5.75%	33.86%
381	Meters - Telemetry	639,249	0%	-	639,249	-	8	-	12.50%	100.00%
383	House Regulators	10,755,993	-10%	(1,075,599)	5,826,809	6,004,784	20	262,421	5.50%	49.25%
Total Gas Distribution		97,302,093		(13,961,627)	39,918,128	71,345,593		4,308,261		
Gas General										
391	Office Furniture & Equipment	90,306	0%	-	13,915	76,392	18	7,998	5.56%	15.41%
391	Network Equipment	30,679	0%	-	22,577	8,102	4	7,186	25.00%	73.59%
392	Transportation Equipment - Light Trucks	1,147,672	10%	114,767	126,386	906,519	10	111,487	9.00%	12.24%
392	Transportation Equipment - Trailers	301,093	10%	30,109	13,177	257,806	10	29,783	9.00%	4.86%
392	Transportation Equipment - Heavy Trucks	1,194,272	5%	59,714	110,146	1,024,413	12	114,967	7.92%	9.71%
394	Stores Equipment	4,918,743	0%	-	3,099,685	1,819,058	15	314,144	6.67%	63.02%
395	Tools, Shop & Garage Equipment	43,215	0%	-	39,191	4,024	10	3,106	10.00%	90.69%
396	Power Operated Equipment	854,319	10%	85,432	703,773	65,114	10	11,750	9.00%	91.53%
397	Communication Equipment	3,896,252	0%	-	1,341,432	2,554,820	9	499,738	11.11%	34.43%
397	Communications Equipment - Two Way	53,017	0%	-	49,246	3,771	9	2,714	11.11%	92.89%
397	Communications Equipment - EMS	-	0%	-	-	-	9	313,707	11.11%	0.00%
398	Miscellaneous Equipment	91,935	0%	-	40,206	51,729	15	6,080	6.67%	43.73%
Total Gas General		12,621,503		290,022	5,559,734	6,771,747		1,422,659		
Total Gas Utility		111,256,169		(13,671,605)	46,815,187	78,112,587		5,731,128		



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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Common Intangible										
303	Computer Software - All	233,636,339	0%	-	130,656,473	102,979,865	3/5/7/10	26,318,202	Various	55.92%
Total Common Intangible		233,636,339		-	130,656,473	102,979,865		26,318,202		
Common General										
391	Office Furniture & Equipment	32,661,229	0%	-	14,910,350	17,750,879	18	1,505,602	5.56%	45.65%
391	Network Equipment	43,478,696	0%	-	28,890,109	14,588,588	4	8,806,302	25.00%	66.45%
392	Transportation Equipment - Automobiles	182,916	10%	18,292	55,976	108,648	5	28,782	18.00%	34.00%
392	Transportation Equipment - Light Trucks	2,690,285	10%	269,028	667,990	1,753,266	10	250,684	9.00%	27.59%
392	Transportation Equipment - Trailers	256,671	10%	25,667	55,612	175,392	10	61,101	9.00%	24.07%
392	Transportation Equipment - Heavy Trucks	3,341,079	5%	167,054	515,742	2,658,283	12	269,803	7.92%	16.25%
393	Stores Equipment	530,240	0%	-	429,947	100,293	20	22,952	5.00%	81.09%
394	Tools, Shop & Garage Equipment	2,075,873	0%	-	1,239,425	836,449	15	114,685	6.67%	59.71%
395	Laboratory Equipment	36,686	0%	-	10,241	26,445	10	3,669	10.00%	27.92%
396	Power Operated Equipment	19,658	10%	1,966	4,857	12,835	10	1,322	9.00%	27.45%
397	Communication Equipment	7,904,065	0%	-	2,362,176	5,541,889	9	593,011	11.11%	29.89%
397	Communication Equipment - Two Way	6,650,246	0%	-	4,989,167	1,661,079	9	756,731	11.11%	75.02%
398	Miscellaneous Equipment	1,032,806	0%	-	562,331	470,475	15	65,762	6.67%	54.45%
Total Common General		100,860,450		482,007	54,693,922	45,684,520		12,480,406		
Total Common Utility		334,496,788		482,007	185,350,396	148,664,386		38,798,607		
Total All Utilities		1,005,516,016		18,536,310	414,341,383	572,638,323		71,955,432		

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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Electric Intangible										
303	Computer Software - 5 year	26,059,823	0%	-	15,862,005	10,197,818	5	5,883,102	20.00%	60.87%
Total Electric Intangible		26,059,823		-	15,862,005	10,197,818		5,883,102		
Electric Distribution										
368	Line Transformers	312,974,179	10%	31,297,418	94,742,270	186,934,491	32	9,035,656	2.81%	33.64%
368	Line Capacitors	17,035,289	0%	-	8,638,841	8,396,448	25	685,230	4.00%	50.71%
370	Meters	99,703,699	0%	-	10,335,432	89,368,267	15	6,289,064	6.67%	10.37%
370	Meters - Old	-	0%	-	-	-	20	283,451	5.00%	0.00%
Total Electric Distribution		429,713,167		31,297,418	113,716,543	284,699,206		16,293,402		
Electric General										
391	Office Furniture & Equipment	19,161,403	0%	-	7,659,319	11,502,084	18	1,151,938	5.56%	39.97%
391	Network Equipment	12,451,852	0%	-	5,895,589	6,556,263	4	2,559,109	25.00%	47.35%
392	Transportation Equipment - Light Trucks	8,745,243	10%	874,524	1,485,832	6,384,887	10	866,269	9.00%	18.88%
392	Transportation Equipment - Trailers	1,731,484	10%	173,148	570,835	987,500	10	134,509	9.00%	36.63%
392	Transportation Equipment - Heavy Trucks	12,788,354	5%	639,418	1,406,219	10,742,717	12	1,222,551	7.92%	11.57%
393	Stores Equipment	2,202,042	0%	-	1,041,939	1,160,103	20	111,689	5.00%	47.32%
394	Tools, Shop & Garage Equipment	34,526,759	0%	-	17,025,607	17,501,153	15	2,334,881	6.67%	49.31%
395	Laboratory Equipment	4,617,069	0%	-	2,553,155	2,063,915	10	464,696	10.00%	55.30%
396	Power Operated Equipment	3,954,909	10%	395,491	753,113	2,806,306	10	326,554	9.00%	21.16%
397	Communication Equipment	5,533,565	0%	-	1,490,072	4,043,494	9	709,306	11.11%	26.93%
397	Communication Equipment - Two Way	311,405	0%	-	243,298	68,107	9	41,621	11.11%	78.13%
397	Communication Equipment - AES	2,342,321	0%	-	326,927	2,015,395	15	201,858	6.67%	13.96%
397	Communication Equipment - EMS	5,563,892	0%	-	3,632,822	1,931,070	9	619,664	11.11%	65.29%
398	Miscellaneous Equipment	3,094,669	0%	-	822,185	2,272,483	15	188,576	6.67%	26.57%
Total Electric General		117,024,969		2,082,581	44,906,911	70,035,476		10,933,220		
Total Electric Utility		572,797,959		33,379,999	174,485,459	364,932,501		33,109,724		

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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Gas Intangible										
303	Computer Software - 5 year	1,332,573	0%	-	1,337,533	(4,960)	5	121	20.00%	100.37%
Gas Intangible		1,332,573		-	1,337,533	(4,960)		121		
Gas Distribution										
381	Meters	88,290,047	-15%	(13,243,507)	36,035,544	65,498,010	20	5,194,669	5.75%	35.49%
381	Meters - Telemetry	38,103	0%	-	38,103	-	8	-	12.50%	100.00%
383	House Regulators	10,158,217	-10%	(1,015,822)	5,485,417	5,688,621	20	558,674	5.50%	49.09%
Total Gas Distribution		98,486,367		(14,259,329)	41,559,064	71,186,632		5,753,343		
Gas General										
391	Office Furniture & Equipment	206,828	0%	-	114,981	91,847	18	11,486	5.56%	55.59%
391	Network Equipment	28,745	0%	-	27,829	916	4	916	25.00%	96.81%
392	Transportation Equipment - Automobiles	-	10%	-	-	-	5	284	18.00%	0.00%
392	Transportation Equipment - Light Trucks	1,364,572	10%	136,457	237,873	990,241	10	142,252	9.00%	19.37%
392	Transportation Equipment - Trailers	317,926	10%	31,793	42,960	243,174	10	30,938	9.00%	15.01%
392	Transportation Equipment - Heavy Trucks	1,926,347	5%	96,317	225,113	1,604,917	12	166,651	7.92%	12.30%
394	Tools, Shop & Garage Equipment	4,531,583	0%	-	2,887,917	1,643,666	15	291,124	6.67%	63.73%
395	Laboratory Equipment	9,897	0%	-	8,979	918	10	389	10.00%	90.73%
396	Power Operated Equipment	787,945	10%	78,794	649,149	60,001	10	16,587	9.00%	91.54%
397	Communication Equipment	8,977,293	0%	-	1,254,567	7,722,726	9	972,892	11.11%	13.97%
397	Communication Equipment - Two Way	7,485	0%	-	6,428	1,057	9	832	11.11%	85.87%
397	Communication Equipment - AES	-	0%	-	-	-	15	54,817	6.67%	0.00%
397	Communication Equipment - EMS	3,569,107	0%	-	774,793	2,794,313	9	407,890	11.11%	21.71%
398	Miscellaneous Equipment	91,935	0%	-	46,286	45,649	15	6,080	6.67%	50.35%
Total Gas General		21,819,662		343,362	6,276,874	15,199,427		2,103,138		
Total Gas Utility		121,638,602		(13,915,967)	49,173,471	86,381,098		7,856,602		

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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Common Intangible										
303	Computer Software - All	246,425,762	0%	-	156,974,675	89,451,087	3/5/7/10	24,198,635	Various	63.70%
Total Common Intangible		246,425,762		-	156,974,675	89,451,087		24,198,635		
Common General										
391	Office Furniture & Equipment	29,135,635	0%	-	14,417,318	14,718,317	18	1,600,477	5.56%	49.48%
391	Network Equipment	47,831,893	0%	-	32,717,931	15,113,962	4	7,694,624	25.00%	68.40%
392	Transportation Equipment - Automobiles	255,321	10%	25,532	84,758	145,031	5	25,792	18.00%	36.89%
392	Transportation Equipment - Light Trucks	2,938,897	10%	293,890	922,411	1,722,596	10	300,276	9.00%	34.87%
392	Transportation Equipment - Trailers	754,822	10%	75,482	116,712	562,627	10	79,158	9.00%	17.18%
392	Transportation Equipment - Heavy Trucks	3,464,639	5%	173,232	785,546	2,505,862	12	275,344	7.92%	23.87%
393	Stores Equipment	417,088	0%	-	339,747	77,341	20	20,854	5.00%	81.46%
394	Tools, Shop & Garage Equipment	1,841,069	0%	-	985,767	855,302	15	119,955	6.67%	53.54%
395	Laboratory Equipment	36,686	0%	-	13,910	22,776	10	3,669	10.00%	37.92%
396	Power Operated Equipment	19,658	10%	1,966	6,179	11,513	10	1,322	9.00%	34.93%
397	Communication Equipment	3,616,297	0%	-	2,080,640	1,535,658	9	350,245	11.11%	57.54%
397	Communication Equipment - Two Way	7,562,329	0%	-	3,304,555	4,257,774	9	826,917	11.11%	43.70%
398	Miscellaneous Equipment	1,005,539	0%	-	463,582	541,956	15	67,062	6.67%	46.10%
Total Common General		98,879,872		570,102	56,239,055	42,070,715		11,365,695		
Total Common Utility		345,305,633		570,102	213,213,730	131,521,802		35,564,330		
Total All Utilities		1,039,742,194		20,034,134	436,872,660	582,835,400		76,530,656		

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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Electric Intangible										
303	Computer Software - 5 year	29,491,090	0%	-	21,135,516	8,355,574	5	3,626,162	20.00%	71.67%
Total Electric Intangible		29,491,090		-	21,135,516	8,355,574		3,626,162		
Electric Distribution										
368	Line Transformers	327,187,651	10%	32,718,765	99,643,643	194,825,243	32	9,186,010	2.81%	33.84%
368	Line Capacitors	17,375,860	0%	-	9,114,059	8,261,800	25	700,560	4.00%	52.45%
370	Meters	84,414,028	0%	-	9,302,993	75,111,035	15	5,667,613	6.67%	11.02%
370	Meters - Old	17,007,087	0%	-	4,101,339	12,905,748	20	823,763	5.00%	24.12%
Total Electric Distribution		445,984,626		32,718,765	122,162,034	291,103,827		16,377,947		
Electric General										
391	Office Furniture & Equipment	21,331,982	0%	-	9,530,390	11,801,592	18	1,160,870	5.56%	44.68%
391	Network Equipment	13,043,545	0%	-	8,218,830	4,824,715	4	2,456,611	25.00%	63.01%
392	Transportation Equipment - Light Trucks	13,729,431	10%	1,372,943	2,350,944	10,005,545	10	1,218,072	9.00%	19.03%
392	Transportation Equipment - Trailers	1,919,155	10%	191,915	695,417	1,031,823	10	166,250	9.00%	40.26%
392	Transportation Equipment - Heavy Trucks	20,694,182	5%	1,034,709	2,575,850	17,083,623	12	1,827,140	7.92%	13.10%
393	Stores Equipment	2,249,636	0%	-	1,159,488	1,090,148	20	111,584	5.00%	51.54%
394	Tools, Shop & Garage Equipment	36,908,989	0%	-	17,623,888	19,285,101	15	2,422,798	6.67%	47.75%
395	Laboratory Equipment	4,508,851	0%	-	2,470,025	2,038,826	10	457,651	10.00%	54.78%
396	Power Operated Equipment	3,644,573	10%	364,457	1,062,293	2,217,823	10	345,118	9.00%	32.39%
397	Communication Equipment	6,979,871	0%	-	1,817,537	5,162,334	9	767,650	11.11%	26.04%
397	Communication Equipment - Two Way	459,312	0%	-	298,609	160,704	9	38,131	11.11%	65.01%
397	Communication Equipment - AES	3,603,209	0%	-	528,785	3,074,424	15	252,417	6.67%	14.68%
397	Communication Equipment - EMS	5,853,298	0%	-	3,628,690	2,224,608	9	499,449	11.11%	61.99%
398	Miscellaneous Equipment	2,803,488	0%	-	888,691	1,914,797	15	167,915	6.67%	31.70%
Total Electric General		137,729,522		2,964,025	52,849,436	81,916,062		11,891,656		
Total Electric Utility		613,205,238		35,682,790	196,146,985	381,375,463		31,895,765		

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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Gas Intangible										
303	Computer Software - 5 year	1,332,573	0%	-	1,337,654	(5,081)	5	19,998	20.00%	100.38%
Total Gas Intangible		1,332,573		-	1,337,654	(5,081)		19,998		
Gas Distribution										
381	Meters	89,864,382	-15%	(13,479,657)	39,627,942	63,716,097	20	5,329,094	5.75%	38.35%
381	Meters - Telemetry	38,103	0%	-	38,103	-	8	-	12.50%	100.00%
383	House Regulators	10,152,180	-10%	(1,015,218)	6,043,859	5,123,539	20	558,504	5.50%	54.12%
Total Gas Distribution		100,054,665		(14,494,875)	45,709,904	68,839,636		5,887,598		
Gas General										
391	Office Furniture & Equipment	206,828	0%	-	126,467	80,362	18	11,436	5.56%	61.15%
391	Network Equipment	28,745	0%	-	28,745	-	4	-	25.00%	100.00%
392	Transportation Equipment - Automobiles	37,570	10%	3,757	284	33,528	5	10,745	18.00%	0.84%
392	Transportation Equipment - Light Trucks	2,094,831	10%	209,483	380,126	1,505,222	10	193,751	9.00%	20.16%
392	Transportation Equipment - Trailers	446,295	10%	44,630	73,898	327,767	10	40,165	9.00%	18.40%
392	Transportation Equipment - Heavy Trucks	3,042,369	5%	152,118	391,764	2,498,487	12	254,229	7.92%	13.55%
394	Tools, Shop & Garage Equipment	4,678,898	0%	-	3,179,040	1,499,858	15	288,983	6.67%	67.94%
395	Laboratory Equipment	9,897	0%	-	9,368	529	10	252	10.00%	94.66%
396	Power Operated Equipment	787,945	10%	78,794	665,735	43,415	10	12,333	9.00%	93.88%
397	Communication Equipment	8,451,984	0%	-	1,412,658	7,039,326	9	1,081,917	11.11%	16.71%
397	Communication Equipment - Two Way	7,485	0%	-	7,260	226	9	226	11.11%	96.98%
397	Communication Equipment - AES	2,742,500	0%	-	869,618	1,872,882	15	180,011	6.67%	31.71%
397	Communication Equipment - EMS	3,705,928	0%	-	1,182,684	2,523,244	9	413,020	11.11%	31.91%
398	Miscellaneous Equipment	91,935	0%	-	52,366	39,569	15	5,980	6.67%	56.96%
Total Gas General		26,333,210		488,783	8,380,012	17,464,415		2,493,047		
Total Gas Utility		127,720,448		(14,006,093)	55,427,570	86,298,970		8,400,642		

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FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Common Intangible										
303	Computer Software - All	192,383,121	0%	-	158,695,776	33,687,345	3/5/7/10	15,616,552	Various	82.49%
Total Common Intangible		192,383,121		-	158,695,776	33,687,345		15,616,552		
Common General										
391	Office Furniture & Equipment	29,637,543	0%	-	14,676,495	14,961,048	18	1,650,751	5.56%	49.52%
391	Network Equipment	40,291,005	0%	-	29,710,193	10,580,812	4	6,368,973	25.00%	73.74%
392	Transportation Equipment - Automobiles	217,416	10%	21,742	110,550	85,124	5	23,029	18.00%	56.50%
392	Transportation Equipment - Light Trucks	3,681,136	10%	368,114	1,226,961	2,086,061	10	323,200	9.00%	37.03%
392	Transportation Equipment - Trailers	941,530	10%	94,153	195,870	651,506	10	86,683	9.00%	23.11%
392	Transportation Equipment - Heavy Trucks	3,703,987	5%	185,199	1,060,889	2,457,899	12	310,971	7.92%	30.15%
393	Stores Equipment	417,088	0%	-	360,601	56,486	20	20,792	5.00%	86.46%
394	Tools, Shop & Garage Equipment	1,846,807	0%	-	1,007,207	839,600	15	115,376	6.67%	54.54%
395	Laboratory Equipment	36,686	0%	-	17,578	19,108	10	3,669	10.00%	47.92%
396	Power Operated Equipment	19,658	10%	1,966	7,501	10,191	10	1,644	9.00%	42.40%
397	Communication Equipment	4,022,355	0%	-	2,297,499	1,724,857	9	273,948	11.11%	57.12%
397	Communication Equipment - Two Way	7,426,642	0%	-	4,009,978	3,416,664	9	815,128	11.11%	53.99%
398	Miscellaneous Equipment	989,171	0%	-	488,204	500,967	15	62,466	6.67%	49.35%
Total Common General		93,231,023		671,173	55,169,527	37,390,323		10,056,630		
Total Common Utility		285,614,144		671,173	213,865,303	71,077,668		25,673,182		
Total All Utilities		1,026,539,830		22,347,871	465,439,859	538,752,101		65,969,589		

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Electric Intangible										
303	Computer Software - 5 year	31,669,595	0%	-	24,761,677	6,907,917	5	2,615,266	20.00%	78.19%
Total Electric Intangible		31,669,595		-	24,761,677	6,907,917		2,615,266		
Electric Distribution - Minnesota Only										
368	Line Transformers	311,042,353	10%	31,104,235	92,336,487	187,601,630	32	9,025,338	2.81%	32.98%
368	Line Capacitors	16,998,202	0%	-	8,894,450	8,103,752	25	688,046	4.00%	52.33%
370	Meters	82,335,772	0%	-	13,252,086	69,083,685	15	5,694,193	6.67%	16.10%
370	Meters - Old	14,879,820	0%	-	4,321,298	10,558,522	20	743,991	5.00%	29.04%
Total Electric Distribution - Minnesota Only		425,256,146		31,104,235	118,804,321	275,347,590		16,151,568		
Electric General										
391	Office Furniture & Equipment	23,384,831	0%	-	10,745,521	12,639,310	18	1,275,395	5.56%	45.95%
391	Network Equipment	15,430,644	0%	-	10,512,100	4,918,544	4	2,485,034	25.00%	68.12%
392	Transportation Equipment - Automobiles	-	10%	-	-	-	5	38,726	18.00%	0.00%
392	Transportation Equipment - Light Trucks	14,041,532	10%	1,404,153	3,569,015	9,068,363	10	1,456,297	9.00%	28.24%
392	Transportation Equipment - Trailers	2,608,267	10%	260,827	513,926	1,833,514	10	335,399	9.00%	21.89%
392	Transportation Equipment - Heavy Trucks	25,759,680	5%	1,287,984	4,515,125	19,956,571	12	2,248,469	7.92%	18.45%
393	Stores Equipment	2,249,636	0%	-	1,271,072	978,564	20	109,132	5.00%	56.50%
394	Tools, Shop & Garage Equipment	36,793,063	0%	-	14,824,262	21,968,801	15	2,737,648	6.67%	40.29%
395	Laboratory Equipment	4,603,977	0%	-	2,555,265	2,048,712	10	428,302	10.00%	55.50%
396	Power Operated Equipment	7,427,254	10%	742,725	1,302,540	5,381,989	10	904,328	9.00%	19.49%
397	Communication Equipment	7,917,781	0%	-	2,350,782	5,566,999	9	913,041	11.11%	29.69%
397	Communication Equipment - Two Way	361,103	0%	-	238,530	122,573	9	34,808	11.11%	66.06%
397	Communication Equipment - AES	3,901,342	0%	-	781,202	3,120,140	15	262,528	6.67%	20.02%
397	Communication Equipment - EMS	9,175,131	0%	-	2,441,686	6,733,445	9	1,108,938	11.11%	26.61%
398	Miscellaneous Equipment	2,705,090	0%	-	944,216	1,760,874	15	183,018	6.67%	34.91%
Total Electric General		156,359,331		3,695,689	56,565,244	96,098,398		14,521,063		
Total Electric Utility		613,285,072		34,799,925	200,131,243	378,353,905		33,287,897		



FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Gas Intangible										
303	Computer Software - 5 year	1,675,678	0%	-	1,357,652	318,027	5	330,628	20.00%	81.02%
Total Gas Intangible		1,675,678		-	1,357,652	318,027		330,628		
Gas Distribution										
381	Meters	94,711,594	-15%	(14,206,739)	44,957,035	63,961,298	20	5,522,215	5.75%	41.28%
381	Meters - Telemetry	38,103	0%	-	38,103	-	8	-	12.50%	100.00%
383	House Regulators	10,171,207	-10%	(1,017,121)	6,602,364	4,585,964	20	559,330	5.50%	59.01%
Total Gas Distribution		104,920,905		(15,223,860)	51,597,502	68,547,262		6,081,545		
Gas General										
391	Office Furniture & Equipment	748,694	0%	-	137,903	610,791	18	36,354	5.56%	18.42%
391	Network Equipment	-	0%	-	-	-	4	2,758	25.00%	0.00%
392	Transportation Equipment - Automobiles	60,655	10%	6,065	11,029	43,560	5	10,918	18.00%	20.20%
392	Transportation Equipment - Light Trucks	2,059,319	10%	205,932	573,876	1,279,511	10	212,894	9.00%	30.96%
392	Transportation Equipment - Trailers	569,334	10%	56,933	114,063	398,337	10	54,105	9.00%	22.26%
392	Transportation Equipment - Heavy Trucks	3,445,047	5%	172,252	645,993	2,626,802	12	287,193	7.92%	19.74%
394	Tools, Shop & Garage Equipment	4,121,258	0%	-	2,197,072	1,924,186	15	276,716	6.67%	53.31%
395	Laboratory Equipment	2,517	0%	-	2,240	277	10	252	10.00%	88.99%
396	Power Operated Equipment	1,086,635	10%	108,664	678,068	299,903	10	47,916	9.00%	69.33%
397	Communication Equipment	11,655,147	0%	-	2,315,139	9,340,008	9	1,294,077	11.11%	19.86%
397	Communication Equipment - Two Way	2,147	0%	-	2,147	-	9	-	11.11%	100.00%
397	Communication Equipment - AES	3,614,880	0%	-	1,049,629	2,565,251	15	238,973	6.67%	0.00%
397	Communication Equipment - EMS	3,731,243	0%	-	1,595,703	2,135,540	9	416,054	11.11%	42.77%
398	Miscellaneous Equipment	89,194	0%	-	52,853	36,341	15	5,947	6.67%	59.26%
Total Gas General		31,186,069		549,847	9,375,715	21,260,508		2,884,157		
Total Gas Utility		137,782,652		(14,674,013)	62,330,869	90,125,797		9,296,330		

Northern States Power Company  
2010 Summary of Annual Depreciation Accruals  
Vintage Group

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Reserve Ratio
			%	Amount						
Common Intangible										
303	Computer Software - All	201,949,908	0%	-	174,101,026	27,848,881	3/5/7/10	12,949,034	Various	86.21%
Total Common Intangible		201,949,908		-	174,101,026	27,848,881		12,949,034		
Common General										
391	Office Furniture & Equipment	30,516,622	0%	-	16,258,491	14,258,131	18	1,689,898	5.56%	53.28%
391	Network Equipment	45,943,499	0%	-	36,725,488	9,218,011	4	5,205,934	25.00%	79.94%
392	Transportation Equipment - Automobiles	237,433	10%	23,743	133,579	80,110	5	2,645	18.00%	62.51%
392	Transportation Equipment - Light Trucks	3,604,138	10%	360,414	1,519,135	1,724,590	10	357,044	9.00%	46.83%
392	Transportation Equipment - Trailers	1,027,131	10%	102,713	282,553	641,865	10	77,293	9.00%	30.57%
392	Transportation Equipment - Heavy Trucks	4,060,808	5%	203,040	1,402,887	2,454,881	12	337,979	7.92%	36.37%
393	Stores Equipment	417,088	0%	-	381,393	35,694	20	22,021	5.00%	91.44%
394	Tools, Shop & Garage Equipment	1,748,879	0%	-	831,811	917,068	15	129,137	6.67%	47.56%
395	Laboratory Equipment	36,686	0%	-	21,247	15,439	10	3,669	10.00%	57.92%
396	Power Operated Equipment	29,206	10%	2,921	9,145	17,140	10	19,302	9.00%	34.79%
397	Communication Equipment	2,658,870	0%	-	1,403,441	1,255,429	9	260,738	11.11%	52.78%
397	Communication Equipment - Two Way	7,426,642	0%	-	4,825,106	2,601,536	9	689,454	11.11%	64.97%
398	Miscellaneous Equipment	952,311	0%	-	513,301	439,010	15	59,593	6.67%	53.90%
Total Common General		98,659,313		692,831	64,307,578	33,658,904		8,854,706		
Total Common Utility		300,609,221		692,831	238,408,604	61,507,786		21,803,740		
Total All Utilities		1,051,676,945		20,818,742	500,870,716	529,987,487		64,387,967		

Northern States Power Company  
2011 Summary of Annual Depreciation Accruals  
Vintage Group

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Settlement	Reserve Ratio
			%	Amount						Approved Depr Rate	
Electric Intangible											
303	Intg Misc Computer Software	31,669,595	0%	-	27,376,943	4,292,651	5	2,381,180	20.00%		86.45%
Total Electric Intangible		31,669,595		-	27,376,943	4,292,651		2,381,180			
Electric Distribution - Minnesota Only											
368	Distribution Line Transformers	327,548,346	10%	32,754,835	100,063,785	194,729,727	32	6,723,616 (1)	2.81%	1.97% (2)	33.94%
368	Distribution Line Capacitors	17,407,757	0%	-	9,488,817	7,918,941	25	566,740 (1)	4.00%	3.15% (2)	54.51%
370	Distribution Meters	88,067,573	0%	-	18,454,505	69,613,068	15	5,229,971 (1)	6.67%	5.82% (2)	20.95%
370	Distribution Meters-Old	14,879,820	0%	-	5,065,289	9,814,531	20	618,005 (1)	5.00%	4.15% (2)	34.04%
Total Electric Distribution - Minnesota Only		447,903,496		32,754,835	133,072,395	282,076,266		13,138,333			
Electric General											
391	General Office Furniture & Equipment	24,217,641	0%	-	12,020,916	12,196,724	18	1,254,171	5.56%		49.64%
391	General Info Sys Computers	16,864,511	0%	-	12,993,919	3,870,592	4	2,023,507	25.00%		77.05%
392	General Transportation Equip - Automobile	356,963	10%	35,696	38,726	282,541	5	58,191	18.00%		12.05%
392	General Transportation Equip - Light Truck	19,091,131	10%	1,909,113	5,025,313	12,156,706	10	1,731,636	9.00%		29.25%
392	General Transportation Equip - Trailers	5,288,854	10%	528,885	849,324	3,910,644	10	564,892	9.00%		17.84%
392	General Transportation Equip - Heavy Truc	37,282,596	5%	1,864,130	6,763,595	28,654,872	12	2,909,425	7.92%		19.10%
393	General Stores Equipment	2,274,745	0%	-	1,380,204	894,541	20	79,970	5.00%		60.68%
394	General Tools, Shop & Garage Equipment	46,476,577	0%	-	17,481,867	28,994,710	15	3,136,945	6.67%		37.61%
395	General Laboratory Equipment	4,635,140	0%	-	2,983,568	1,651,573	10	344,170	10.00%		64.37%
396	General Power Operated Equipment	15,809,726	10%	1,580,973	2,145,099	12,083,655	10	1,789,037	9.00%		15.08%
397	General Communications Equipment	9,847,493	0%	-	3,290,802	6,556,691	9	1,345,250	11.11%		33.42%
397	General Communications Equipment - Twc	439,917	0%	-	273,338	166,579	9	27,503	11.11%		62.13%
397	General Communications Equipment - AMI	4,147,753	0%	-	1,043,730	3,104,023	15	303,812	6.67%		25.16%
397	General Communications Equipment - EMF	12,089,653	0%	-	3,550,624	8,539,029	9	996,857	11.11%		29.37%
398	General Miscellaneous Equipment	2,768,695	0%	-	1,127,235	1,641,461	15	184,793	6.67%		40.71%
Total Electric General		201,591,397		5,918,797	70,968,258	124,704,341		16,750,159			
Total Electric Utility		681,164,488		38,673,632	231,417,597	411,073,259		32,269,672			

(1) Accrual balances have been adjusted to account for depreciation expense adjustment approved in 2010 Minnesota Rate Case Settlement (Docket No. E002/GR-10-971)

(2) Depreciation rates based on depreciation adjustments approved in 2010 Minnesota Rate Case Settlement

Northern States Power Company  
2011 Summary of Annual Depreciation Accruals  
Vintage Group

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Settlement Approved Depr Rate	Reserve Ratio
			%	Amount							
Electric Intangible											
Gas Intangible											
303	Intg Misc Computer Software	3,526,852	0%	-	1,683,198	1,843,654	5	498,511	20.00%		47.73%
Total Gas Intangible		3,526,852		-	1,683,198	1,843,654		498,511			
Gas Distribution - Minnesota Only											
381	Distribution Meters	91,859,695	-15%	(13,778,954)	45,318,527	60,320,122	20	5,369,992	5.75%		42.90%
381	Distribution Meters - Telemeter	36,778	0%	-	36,778	-	8	-	12.50%		100.00%
383	Distribution House Regulators	10,168,939	-10%	(1,016,894)	7,161,625	4,024,208	20	559,291	5.50%		64.02%
Total Gas Distribution - Minnesota Only		102,065,412		(14,795,848)	52,516,930	64,344,330		5,929,283			
Gas General											
391	General Office Furniture & Equipment	865,088	0%	-	174,257	690,831	18	47,770	5.56%		20.14%
391	General Info Sys Computers	20,650	0%	-	2,758	17,892	4	9,648	25.00%		13.36%
392	General Transportation Equip - Automobile	60,655	10%	6,065	21,947	32,642	5	14,377	18.00%		40.20%
392	General Transportation Equip - Light Truck	3,120,746	10%	312,075	786,770	2,021,902	10	307,399	9.00%		28.01%
392	General Transportation Equip - Trailers	643,002	10%	64,300	180,348	398,354	10	58,713	9.00%		31.16%
392	General Transportation Equip - Heavy Truc	4,374,022	5%	218,701	933,186	3,222,135	12	357,869	7.92%		22.46%
393	General Stores Equipment	-	0%	-	-	-	20	484	5.00%		0.00%
394	General Tools, Shop & Garage Equipment	4,307,460	0%	-	2,473,788	1,833,673	15	281,380	6.67%		57.43%
395	General Laboratory Equipment	2,517	0%	-	2,491	26	10	26	10.00%		98.98%
396	General Power Operated Equipment	1,214,688	10%	121,469	725,985	367,234	10	49,256	9.00%		66.41%
397	General Communications Equipment	12,129,443	0%	-	3,609,216	8,520,227	9	1,385,515	11.11%		29.76%
397	General Communications Equipment - Twc	2,147	0%	-	2,147	-	9	-	11.11%		100.00%
397	General Communications Equipment - AMI	4,715,695	0%	-	1,288,602	3,427,093	15	306,871	6.67%		27.33%
397	General Communications Equipment - EMF	3,973,488	0%	-	2,011,758	1,961,731	9	450,192	11.11%		50.63%
398	General Miscellaneous Equipment	89,194	0%	-	58,060	31,134	15	5,947	6.67%		65.09%
Total Gas General		35,518,795		722,610	12,271,312	22,524,873		3,275,447			
Total Gas Utility		141,111,060		(14,073,238)	66,471,440	88,712,857		9,703,241			

Northern States Power Company  
2011 Summary of Annual Depreciation Accruals  
Vintage Group

FERC Acct	Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Depr Life (Yrs)	Annual Accrual	Depr Rate	Settlement Approved	Reserve Ratio
			%	Amount						Depr Rate	
Electric Intangible											
Common Intangible											
303	Intg Misc Computer Software	219,200,290	0%	-	187,050,061	32,150,229	3/5/7/10	13,814,230	Various		85.33%
Total Common Intangible		219,200,290		-	187,050,061	32,150,229		13,814,230			
Common General											
391	General Office Furniture & Equipment	31,623,184	0%	-	17,948,389	13,674,795	18	1,706,194	5.56%		56.76%
391	General Info Sys Computers	59,341,480	0%	-	41,931,422	17,410,058	4	6,359,185	25.00%		70.66%
392	General Transportation Equip - Automobile	296,419	10%	29,642	136,224	130,553	5	36,591	18.00%		51.06%
392	General Transportation Equip - Light Truck	4,169,735	10%	416,973	1,876,179	1,876,583	10	380,516	9.00%		49.99%
392	General Transportation Equip - Trailers	1,027,131	10%	102,713	359,846	564,572	10	96,428	9.00%		38.93%
392	General Transportation Equip - Heavy Truc	4,427,782	5%	221,389	1,740,865	2,465,527	12	197,168	7.92%		41.39%
393	General Stores Equipment	564,845	0%	-	403,414	161,431	20	8,563	5.00%		71.42%
394	General Tools, Shop & Garage Equipment	2,061,812	0%	-	960,948	1,100,863	15	148,226	6.67%		46.61%
395	General Laboratory Equipment	36,686	0%	-	24,915	11,771	10	3,669	10.00%		67.91%
396	General Power Operated Equipment	320,036	10%	32,004	28,447	259,586	10	182,442	9.00%		9.88%
397	General Communications Equipment	2,613,615	0%	-	1,664,179	949,437	9	162,321	11.11%		63.67%
397	General Communications Equipment - Twc	7,489,016	0%	-	5,514,560	1,974,457	9	415,369	11.11%		73.64%
398	General Miscellaneous Equipment	952,311	0%	-	572,894	379,417	15	46,078	6.67%		60.16%
Total Common General		114,924,053		802,721	73,162,283	40,959,048		9,742,750			
Total Common Utility		334,124,343		802,721	260,212,344	73,109,277		23,556,980			
Total All Utilities		1,156,399,890		25,403,115	558,101,382	572,895,393		65,529,893			

All Utilities

FERC Account	Account Description	Depreciation Reserve 1/1/2012 Schedule F	Adjustment Fully Amortized Plant	Adjustment Reserve Reallocation	Adjusted Reserve Balance Schedule C
Electric Intangible					
303	Computer Software - 5 year	29,758,124	(22,783,834)	393,308	7,367,597
Total Electric Intangible		29,758,124	(22,783,834)	393,308	7,367,597
Electric Transmission					
352	Structures & Improvements	15,988,771	-	(640,500)	15,348,271
353	Station Equipment	250,854,166	-	26,700,092	277,554,258
354	Towers & Fixtures	85,584,198	-	6,155,904	91,740,102
355	Poles & Fixtures	149,944,731	-	(9,600,654)	140,344,077
356	Overhead Conductor & Devices	120,538,245	-	(21,466,313)	99,071,932
357	Underground Conduit	3,795,005	-	(52,023)	3,742,982
358	Underground Conductor & Devices	6,229,266	-	(1,096,507)	5,132,759
Total Electric Transmission		632,934,382	-	(0)	632,934,381
Electric Distribution - Minnesota Only					
361	Structures & Improvements	16,194,844	-	(841,344)	15,353,500
362	Station Equipment	168,300,638	-	(31,759,513)	136,541,124
364	Poles, Towers & Fixtures	221,467,440	-	(56,123,521)	165,343,920
365	Overhead Conductor & Devices	112,988,636	-	(25,923,768)	87,064,868
366	Underground Conduit	63,707,118	-	(2,141,821)	61,565,297
367	Underground Conductor & Devices	223,222,466	-	29,824,451	253,046,916
368	Line Transformers	106,702,624	(17,359,001)	73,610,591	162,954,214
368	Line Capacitors	9,887,503	(19,015)	2,282,966	12,151,454
369	Services - Overhead	44,685,062	-	4,137,375	48,822,436
369	Services - Underground	93,229,714	-	(16,234,794)	76,994,920
370	Meters	23,684,476	(13,198,846)	50,561,152	61,046,782
370	Meters - Old	5,683,294	-	(4,002,320)	1,680,974
373	Street Light & Signal Systems	40,902,034	-	(23,389,453)	17,512,581
Total Electric Distribution - Minnesota Only		1,130,655,848	(30,576,862)	0	1,100,078,987
Electric General					
390	Structures & Improvements	26,921,569	-	-	26,921,569
391	Office Furniture & Equipment	10,995,425	-	(2,216,922)	8,778,503
391	Network Equipment	9,796,894	(7,265,505)	232,915	2,764,304
392	Transportation Equipment - Automobiles	96,916	-	(2,465)	94,451
392	Transportation Equipment - Light Trucks	6,749,945	(98,985)	(71,237)	6,579,723
392	Transportation Equipment - Trailers	1,414,216	-	(250,625)	1,163,591
392	Transportation Equipment - Heavy Trucks	9,386,197	(133,516)	747,617	10,000,297
393	Stores Equipment	760,118	(355,520)	50,578	455,176
394	Tools, Shop & Garage Equipment	17,861,215	(513,185)	1,023,366	18,371,395
395	Laboratory Equipment	1,985,755	(183,311)	172,361	1,974,806
396	Power Operated Equipment	3,530,457	-	437,564	3,968,021
397	Communication Equipment	4,698,905	(579,380)	359,609	4,479,135
397	Communication Equipment - Two Way	108,111	(19,682)	4,917	93,346
397	Communication Equipment - AES	1,347,542	-	101,011	1,448,553
397	Communication Equipment - EMS	4,359,344	-	(1,132,812)	3,226,532
398	Miscellaneous Equipment	1,312,028	(10,058)	150,817	1,452,786
Total Electric General		101,324,638	(9,159,142)	(393,308)	91,772,188
Total Electric Utility		1,894,672,992	(62,519,838)	(0)	1,832,153,153

All Utilities

FERC Account	Account Description	Depreciation Reserve 1/1/2012 Schedule F	Adjustment Fully Amortized Plant	Adjustment Reserve Reallocation	Adjusted Reserve Balance Schedule C
Gas Intangible					
303	Computer Software - 5 year	2,181,710	(1,332,573)	127,911	977,047
Total Gas Intangible		2,181,710	(1,332,573)	127,911	977,047
Gas Transmission					
366	Structures & Improvements	557,740	-	81,291	639,031
367	Mains	23,598,839	-	(2,916,551)	20,682,288
369	Measure & Regulating Station Equipment	3,497,799	-	2,835,259	6,333,058
Total Gas Transmission		27,654,378	-	(0)	27,654,378
Gas Distribution - Minnesota Only					
375	Structures & Improvements	28,192	-	5,102	33,294
376	Mains - Metallic	50,155,708	-	(11,130,175)	39,025,533
376	Mains - Plastic	103,191,585	-	1,288,158	104,479,744
378	Measure & Regulating Station Equipment - General	2,889,234	-	(231,936)	2,657,298
379	Measure & Regulating Station Equipment - City Gate	450,136	-	(223,971)	226,166
380	Services - Metallic	13,892,235	-	(1,166,690)	12,725,546
380	Services - Plastic	122,802,487	-	(1,579,543)	121,222,944
381	Meters	50,688,519	(4,768,701)	10,678,797	56,598,615
381	Meters - Telemetering	36,778	(36,778)	-	-
383	House Regulators	7,718,055	(6,733,377)	2,360,258	3,344,936
Total Gas Distribution - Minnesota Only		351,852,930	(11,538,856)	(0)	340,314,074
Gas General					
390	Structures & Improvements	333,436	-	-	333,436
391	Office Furniture & Equipment	114,953	-	114,045	228,998
391	Network Equipment	12,406	-	(471)	11,935
392	Transportation Equipment - Automobiles	36,324	-	31,865	68,189
392	Transportation Equipment - Light Trucks	1,094,169	-	27,609	1,121,778
392	Transportation Equipment - Trailers	239,062	-	(33,580)	205,482
392	Transportation Equipment - Heavy Trucks	1,291,055	-	180,462	1,471,517
393	Stores Equipment	484	-	(208)	276
394	Tools, Shop & Garage Equipment	2,341,198	-	155,603	2,496,801
396	Power Operated Equipment	692,863	(585,015)	76,583	184,431
397	Communication Equipment	4,965,202	(25,116)	320,807	5,260,893
397	Communication Equipment - AES	1,595,472	-	(243,633)	1,351,840
397	Communication Equipment - EMS	2,461,950	-	(760,407)	1,701,543
398	Miscellaneous Equipment	64,007	(20,200)	3,414	47,221
Total Gas General		15,242,580	(630,331)	(127,910)	14,484,340
Total Gas Utility		396,931,598	(13,501,759)	0	383,429,839

All Utilities

FERC Account	Account Description	Depreciation Reserve 1/1/2012 Schedule F	Adjustment Fully Amortized Plant	Adjustment Reserve Reallocation	Adjusted Reserve Balance Schedule C
Common Intangible					
303	Computer Software - All	200,864,291	(166,712,634)	(1,575,833)	32,575,825
Total Common Intangible		200,864,291	(166,712,634)	(1,575,833)	32,575,825
Common General					
390	Structures & Improvements	24,714,374	-	136,643	24,851,017
390	Structures & Improvements - Leasehold Improvements	613,316	-	(136,643)	476,674
391	Office Furniture & Equipment	18,747,145	(8,111,042)	1,390,654	12,026,756
391	Network Equipment	28,559,057	(18,520,537)	783,842	10,822,362
392	Transportation Equipment - Automobiles	172,816	-	(78,825)	93,990
392	Transportation Equipment - Light Trucks	2,256,695	-	(174,371)	2,082,324
392	Transportation Equipment - Trailers	456,274	-	(133,889)	322,385
392	Transportation Equipment - Heavy Trucks	1,938,033	-	(304,899)	1,633,134
393	Stores Equipment	60,100	(64,524)	5,225	801
394	Tools, Shop & Garage Equipment	931,993	(245,990)	(17,996)	668,007
395	Laboratory Equipment	28,584	-	(2,542)	26,042
396	Power Operated Equipment	210,889	(4,968)	12,623	218,544
397	Communication Equipment	720,887	(132,262)	149,483	738,108
397	Communication Equipment - Two Way	2,367,289	(188,021)	(6,966)	2,172,302
398	Miscellaneous Equipment	612,386	(105,595)	(46,505)	460,285
Total Common General		82,389,838	(27,372,939)	1,575,833	56,592,731
Total Common Utility		283,254,129	(194,085,573)	(0)	89,168,556
Total All Utilities		2,574,858,719	(270,107,171)	0	2,304,751,548



All Utilities

ARO Balance Sheet Accounts	FERC Acct.	1/1/2012 Balance DR./ (CR)
<u>ASSETS</u>		
Electric Plant In-Service - ARC	101	15,474,099
Gas Plant In-Service - ARC	101	(675,010)
Common Plant In-Service - ARC	101	(1,829,331)
Beginning Accumulated Depreciation - Electric ARC	108	(48,952)
Depreciation Expense		(80,084)
Ending Accumulated Depreciation - Electric ARC		<u>(129,036)</u>
Beginning Accumulated Depreciation - Gas ARC	108	(340,133)
Depreciation Expense		10,359
Ending Accumulated Depreciation - Gas ARC		<u>(329,774)</u>
Beginning Accumulated Depreciation - Common ARC	108	1,829,331
Depreciation Expense		-
Ending Accumulated Depreciation - Common ARC		<u>1,829,331</u>
Regulatory Asset Electric - Beginning	182.3	586,994
Accretion expense (from below)		(152,193)
Depreciation expense (from above)		(80,084)
Regulatory Asset Electric - Ending		<u>354,717</u>
Regulatory Asset Gas - Beginning	182.3	1,307,377
Accretion expense (from below)		(17,705)
Depreciation expense (from above)		10,359
Regulatory Asset Gas - Ending		<u>1,300,031</u>
Regulatory Asset Common - Beginning	182.3	1,193,709
Accretion expense (from below)		(58,883)
Depreciation expense (from above)		-
Regulatory Asset Common - Ending		<u>1,134,826</u>
Total Assets		<u><u>17,129,853</u></u>

All Utilities

ARO Balance Sheet Accounts	FERC Acct.	1/1/2012 Balance DR./ (CR)
<b>LIABILITIES</b>		
Asset Retirement Obligation Electric - Beginning	230	(3,088,381)
Accretion expense		(152,193)
Liabilities incurred		(12,459,206)
Asset Retirement Obligation Electric - Ending (1)		<u>(15,699,780)</u>
Asset Retirement Obligation Gas - Beginning	230	(277,542)
Accretion expense		(17,705)
Asset Retirement Obligation Gas - Ending (2)		<u>(295,247)</u>
Asset Retirement Obligation Common - Beginning	230	(1,075,943)
Accretion expense		(58,883)
Asset Retirement Obligation Common - Ending (3)		<u>(1,134,826)</u>
Total Liabilities		<u><u>(17,129,853)</u></u>

Notes:

(1) The electric transmission and distribution Asset Retirement Obligation consists of many small potential obligations associated with polychlorinated biphenyl (PCB), mineral oil, storage tanks, treated poles, lithium batteries, mercury and street lighting lamps.

(2) The gas transmission and distribution Asset Retirement Obligation is for the retirement costs of natural gas mains.

(3) The common plant Asset Retirement Obligation is for the asbestos removal for its general office building at 414 Nicollet Mall in Minneapolis, MN.

## CERTIFICATE OF SERVICE

I, Lindsey Didion, hereby certify that I have this day served summaries 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; or

xx by electronic filing.

**MPUC Docket No.: E.G002/D-12-\_\_\_\_**  
**Miscellaneous Electric and Gas Service List**  
**Docket No. E002/GR-10-971**

Dated this 31st day of July 2012.

/s/

---

Lindsey Didion

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