




Your Touchstone EnergySM Partner 

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A Locally Owned, Nonprofit Electric Utility

Filed Electronically

January 13, 2016

Dan Wolf, Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, Minnesota 55101

**Re: Dakota Electric Association
2016 Annual Resource and Tax Adjustment
Docket No. E-111/M-15-____
PUBLIC DOCUMENT**

Dear Mr. Wolf:

Dakota Electric Association (Dakota Electric) respectfully submits its 2016 Annual Resource and Tax Adjustment (RTA) filing. Dakota Electric's RTA clause requires that the annual RTA factor be adjusted every January and then reviewed after six months and adjusted again if necessary.

Dakota Electric's Resource and Tax Adjustment incorporates three factors including changes in purchased power costs, the Conservation Tracker Account balance, and changes in net property taxes. The inclusion of the tax adjustment factor in the RTA means that each rate schedule potentially has its own unique adjustment amount.

Schedule A1 shows the summary calculation for all adjustments for all rate classes. The Residential customers served under Schedule 31 will have an RTA charge of \$0.0030 per kWh.

In Docket Number E-111/M-11-987, the Minnesota Public Utilities Commission approved Dakota Electric's petition to eliminate the requirement to submit an Annual Conservation Tracker Account Report, conditioned upon DEA augmenting its RTA by including monthly supporting detail and conservation spending threshold calculations associated with the property tax component included in the RTA. Schedule E contains these conservation spending threshold calculations. Schedule F includes monthly supporting detail regarding conservation spending and recoveries, and Schedule G confirms DEA's compliance with Minnesota Statute 216B.241, Subdivision 1b., Part (e). This statute indicates that load management activities that do not reduce energy use but that increase the efficiency of the electric system may be used to meet

50% of conservation spending requirements. Therefore conservation projects that do reduce energy use must be used to meet at least 50% of the statutory spending requirement.

Schedule A2-1, A2-2, B1, and the Appendix are clearly identified as containing TRADE SECRET INFORMATION. Specifically, these sections include competitive wholesale capacity and energy price information which is not available to the public. Disclosure of this information could be used by market participants to the disadvantage of our wholesale power supplier.

If you have any questions about the information in this filing, please contact me at 651-463-6130 or Doug Larson at 651-463-6258.

Sincerely,

/s/

Corey Hintz
Director of Financial Planning,
Analysis and Regulatory

Attachments



Your Touchstone EnergySM Partner 

Public Document – Excludes Trade Secret Information

Annual Resource & Tax Adjustment

January 2016
Through December 2016

January 13, 2016

Dakota Electric Association

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Dakota Electric Association

Resource & Tax Adjustment Methodology

Purchased Power Cost Adjustment

Dakota Electric Association's (DEA) annualized resource & tax adjustment is calculated based on a projected calendar year: January 1st to December 31st. This calendar year coincides with the annual adjustment of wholesale power rates by DEA's wholesale power supplier, Great River Energy (GRE). The monthly capacity billings are based upon DEA's actual coincident peak kW demand.

The difference between the projected cost of power and DEA's approved base cost of power is the purchased power adjustment credit or charge that is reflected on customers' bills. The projected purchased power cost adjustment factor is implemented beginning with the January, cycle-1 billing period.

After six months, the projected power cost is compared to actual, and known changes are analyzed to determine whether a change in the power cost adjustment factor is necessary to zero out the over-recovery or under-recovery accumulated since January 1st. If an adjustment is necessary, the factor is changed beginning with July consumption.

Since the aggregate power cost adjustment credit or charge is based upon a projected level of sales, the actual credit or charge will typically not equal the projection. To account for this difference, a true-up calculation is performed at the end of each fiscal year, and the net over-recovery or under-recovery is deducted from, or added to, the subsequent year's power cost to be recovered.

DSM & Conservation Recovery

The approved DSM & conservation additions from the prior calendar year are recovered during the following January 1st through December 31st. The recovery factor is computed using the same kWh sales projections used for the purchased power cost adjustment factor, as noted above.

Since the aggregate DSM & conservation recovery charge is based upon a projected level of sales, the actual recovery will typically not equal the projection. To account for this difference, a true-up calculation is performed at the end of each fiscal year, and the net over-recovery or under-recovery is deducted from, or added to, the subsequent year's DSM & conservation balance to be recovered.

Property and Real Estate Tax Recovery

The projected recovery of taxes due in May and October of a calendar year are recovered from January 1st through December 31st. The recovery factor is computed using the same kWh sales projections used for the purchased power cost adjustment factor and DSM & conservation recovery factor, as noted above.

Since the aggregate property & real estate tax recovery charge or credit is based upon a projected level of sales, the actual recovery will typically not equal the projection. To account for this difference, a true-up calculation is performed at the end of each fiscal year, and the net over-recovery or under-recovery is deducted from, or added to, the subsequent year's property and real estate tax balance to be recovered.

Dakota Electric Association

Resource & Tax Adjustment Methodology (Continued)

Resource and Tax Adjustment Factor

The purchased power cost adjustment factor, DSM & conservation recovery factor, and property and real estate tax recovery factor are combined. The net credit or charge per kWh appears on customers' bills as a single line titled "Resource and Tax Adjustment".

Dakota Electric Association

Summary of Resource & Tax Adjustment Schedules

Schedule A1 summarizes the resource and tax adjustment factors for all rate classes for the calendar year ending December, 2016. The three factors which comprise the resource and tax adjustment factor: the power cost adjustment factor, DSM & conservation recovery factor, and property and real estate tax recovery factor are shown for each rate class. In addition, the net effective energy rate per class is shown. Schedule A1.1 shows the base calculation for the resource and tax adjustment components included in the 2014 general rate filing Docket No. E-111/GR-14-482.

Schedule A2 uses known power cost billing information and projected sales to compute a purchased power cost adjustment factor for the rate classes for the calendar year ending December 31, 2016. This schedule begins with a carryover of the accumulated over-recovery or under-recovery of the cost of purchased power to date (from Schedule B1). Schedule A2-2 details the projected power cost correction recovery mechanism for calendar year 2016.

Schedule A3 computes the DSM & conservation recovery factor based on 1) projected sales for the calendar year ending December 31, 2016, 2) projected additions for calendar 2015 (from Schedule F) and 3) the accumulated over-recovery or under-recovery to date (from Schedule B2).

Schedule A4 computes the property and real estate tax recovery factor based on 1) projected sales for the calendar year ending December 31, 2016, and 2) estimated property and real estate tax payable during calendar 2016 (Schedule A4-3). Schedule A4-2 details the tax factor by rate class.

Schedule B1 computes the accumulated over-recovery or under-recovery of purchased power costs through the previous calendar year ended December 31, 2015, based on actual sales and power costs. Schedule B1-1 details the power cost recovery mechanism for 2015.

Schedule B2 computes the accumulated over-recovery or under-recovery of DSM & conservation costs through the previous calendar year ended December 31, 2015, based on actual sales and recoveries.

Schedule B3 computes the accumulated over-recovery or under-recovery of property & real estate taxes through the previous fiscal year ended December 31, 2015, based on actual sales and recoveries.

Schedule C compares the projected total kWh sales and utility usage found in schedules A2 through A4, with historical sales and usage.

Schedule D computes the weighted average distribution line loss over the most recent five-year period. This line loss percentage is used in schedule A2 to compute projected energy purchases.

Schedule E is a summary of the conservation expenditures compared to revenue for the most recent twelve months and historical calendar years.

Schedule F is a recap of the projected DSM & conservation balance at December 31, 2015 and the approved additions during 2015.

Schedule G lists the 2015 spending on conservation programs that reduce energy use.

Appendix is a copy of the calendar year 2016 wholesale power rates for DEA from Great River Energy. Trade Secret Data

Dakota Electric Association
Resource & Tax Adjustment Summary Schedule
For the Twelve Months Ending December 31, 2016

Rate	Base Cost of Power	Power Cost Adjustment	DSM & Conservation Adjustment	Property & Real Estate Tax Adjustment	Total Resource & Tax Adjustment	Summer Months Tariffed Energy Rate	Other Months Tariffed Energy Rate	Average Energy Rate	Approximate Net Effective Energy Rate
A	B	C	D	E	F=C+D+E	G	H	I	J=F+I
31 Residential	\$0.0903	\$0.0030	\$0.0000	\$0.0000	\$0.0030	\$0.13080	\$0.11680	\$0.12064	\$0.12364
32 Resl Dem Ctrl	\$0.0903	\$0.0030	\$0.0000	\$0.0000	\$0.0030	\$0.07600	\$0.07600	\$0.07600	\$0.07900
36 Irrigation - Firm	\$0.0903	\$0.0030	\$0.0000	\$0.0002	\$0.0032	\$0.04990	\$0.04990	\$0.04990	\$0.05310
37 Irrigation - Interruptible	\$0.0497	(\$0.0017)	\$0.0000	\$0.0002	(\$0.0015)	\$0.04990	\$0.04990	\$0.04990	\$0.04840
41 Sm Genl Serv	\$0.0903	\$0.0030	\$0.0000	(\$0.0001)	\$0.0029	\$0.12690	\$0.11290	\$0.11630	\$0.11920
44 Street Lights	\$0.0903	\$0.0030	\$0.0000	(\$0.0001)	\$0.0029	Various	Various	Various	Various
44B Security Lgts	\$0.0903	\$0.0030	\$0.0000	(\$0.0001)	\$0.0029	Various	Various	Various	Various
45 Low Wattage Unmetered	n/a	n/a	n/a	n/a	n/a	\$10.00 / mo.			\$10.00 / mo.
46 General Service	\$0.0903	\$0.0030	\$0.0000	\$0.0000	\$0.0030	\$0.07760 1st 200kWh per kW, next 200 @ \$0.06760, over 400 @ \$0.05760		\$0.0726	\$0.0756
47 Municipal Civil Defense	n/a	n/a	n/a	n/a	\$0.0000	\$5.00 / mo.			\$5.00 / mo.
49 Geothermal Heat Pump	\$0.0775	\$0.0014	\$0.0000	\$0.0000	\$0.0014	\$0.09400	\$0.09400	\$0.09400	\$0.09540
51 Controlled Energy Storage	\$0.0200	\$0.0014	\$0.0000	\$0.0000	\$0.0014	\$0.04400	\$0.04400	\$0.04400	\$0.04540
52 Controlled Interruptible	\$0.0305	\$0.0006	\$0.0000	\$0.0000	\$0.0006	\$0.05500	\$0.05500	\$0.05500	\$0.05560
53 Time of Day - Res'l	\$0.0903	\$0.0030	\$0.0000	\$0.0000	\$0.0030	\$0.18800 peak summer, \$0.17400 peak other (4-11pm) peak (11pm-4am)		\$0.09400 off	
54 Time of Day - Genl Service	\$0.0903	\$0.0030	\$0.0000	\$0.0000	\$0.0030	\$0.04990	\$0.04990	\$0.04990	\$0.05290
70 Interruptible Option - Full	\$0.0497	(\$0.0017)	\$0.0000	(\$0.0001)	(\$0.0018)	\$0.04990	\$0.04990	\$0.04990	\$0.04810
71 Interruptible Option - Partial	\$0.0497	(\$0.0017)	\$0.0000	(\$0.0001)	(\$0.0018)	\$0.04990	\$0.04990	\$0.04990	\$0.04810
81 Cycled Air Metered	n/a	n/a	n/a	n/a	n/a	(\$0.032)/kWh			(\$0.032)/kWh
82 Cycled Air Res'l	n/a	n/a	n/a	n/a	n/a	(\$13)/mo			(\$13)/mo
84 Cycled Air Comm'l	n/a	n/a	n/a	n/a	n/a	(\$6.50)/ton			(\$6.50)/ton

Dakota Electric Association
Base Calculation for Resource & Tax Adjustment Components

Energy Cost Adjustment (ECA)

Average Wholesale Energy Cost per kWh	\$	0.0497
Rate 70 & 71 Energy Sales		434,725,200
Rate 36 Interruptible Energy Sales		10,342,800
Interruptible Wholesale Energy Cost	= \$	<u>22,109,131</u>
ECA Base per kWh Sold	\$	0.0497

Load Management RatesRate 51

GRE Wholesale Cost - ETS Water Heating	\$	0.0200
Rate 51 - ETS Water Heating Sales	x	7,887,594
Rate 51 - ETS Water Heating Power Cost	= \$	<u>157,752</u>

GRE Wholesale Cost - ETS Space Heating	\$	0.0200
Rate 51 - ETS Space Heating Sales	x	1,605,105
Rate 51 - ETS Space Heating Power Cost	= \$	<u>32,102</u>

GRE Wholesale Cost - ETS Electric Vehicle	\$	0.0200
Rate 51 - ETS Electric Vehicle Sales	x	36,981
Rate 51 - ETS Electric Vehicle Power Cost	= \$	<u>740</u>

Rate 51 Power Costs	\$	190,594
Rate 51 Energy Sales	÷	9,529,680
Rate 51 Weighted Power Cost Base per kWh Sold	= \$	<u>0.0200</u>

Rate 52

GRE Wholesale Cost - Peak Shave Water Heating	\$	0.0285
Rate 52 - Peak Shave Water Heating Sales	x	25,884,516
Rate 52 - Peak Shave Water Heating Power Cost	= \$	<u>737,709</u>

GRE Wholesale Cost - Dual Fuel Space Heating	\$	0.0330
Rate 52 - Dual Fuel Space Heating Sales	x	20,943,996
Rate 52 - Dual Fuel Space Heating Power Cost	= \$	<u>691,152</u>

Rate 52 Power Costs	\$	1,428,861
Rate 52 Energy Sales	÷	46,828,512
Rate 52 Weighted Power Cost Base per kWh Sold	= \$	<u>0.0305</u>

Dakota Electric Association
Base Calculation for Resource & Tax Adjustment Components

Geothermal

Rate 49

GRE Wholesale Cost - Geothermal	\$	0.0775
Rate 49 - Geothermal Energy Sales	x	387,300
Rate 49 - Geothermal Power Cost	= \$	30,016

Rate 49 Power Cost Base per kWh Sold \$ **0.0775**

Power Cost Adjustment (PCA)

Total Wholesale Power Cost	\$	149,982,061 ^A
ECA Power Cost	-	22,109,131
Rate 51 Power Cost	-	190,594
Rate 52 Power Cost	-	1,428,861
Rate 49 Power Cost	-	30,016
Wellspring (wholesale pass-through)	-	39,427
Standby (wholesale pass-through)	-	21,630
Firm Wholesale Power Cost	=	126,162,402
Firm kWh Energy Sales	÷	1,396,393,368
PCA Power Cost Base per kWh Sold	= \$	0.0903

Total Wholesale Power Cost	\$	149,982,061
Total Energy Sales	÷	1,898,206,860 ^B
Total System Power Cost per kWh Sold	= \$	0.0790

Notes:

- A See Exhibit__(DEA-1), page 20 of 20.
- B See Exhibit__(DEA-1), page 12 of 20.

**Dakota Electric Association
Base Calculation for Resource & Tax Adjustment Components**

Conservation & DSM Spending Base Calculation

2014 Budget Conservation & DSM Spending	\$	2,251,473 ^C
Test Year MWh Sales		1,898,207
Conservation & DSM Base per kWh	\$	0.0012

Property Tax Recovery Base Calculation

Test Year Real & Personal Property Taxes	\$	3,700,450 ^D
Test Year MWh Sales		1,898,207
Property & R/E Tax Recovery Base per kWh	\$	0.0019

Allocation to Rate Classes Using Cost of Service Method		
Class & Rate	Property & Real Estate Taxes in Rate Base ^E	% of Taxes
Residential & Farm Service	\$ 2,668,288	72.11%
31 Residential		
32 Res'l Demand Control		
53 Res'l Time of Day		
Irrigation - 36	27,096	0.73%
Small General Service - 41	157,509	4.26%
General Service - 46	444,762	12.02%
46 - General Service		
49 - Geothermal		
54 - General Service Time of Day		
Interruptible Service - 70 & 71	318,376	8.60%
Lighting - 44, 44-1, 44-2, 44-3	84,419	2.28%
TOTAL	\$ 3,700,450	100.00%

Notes:

^C See Workpaper #9

^D Per Summary of Test Year Adjustments, Exhibit__(DEA_1) Page 2 of 20.

^E Per Allocation of Revenue Requirements to Rate Classes, Exhibit__(DEA-3).

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Energy Cost Adjustment Projection
For the Twelve Months Ending December 31, 2016**

Schedule A2-1

Page 1 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

Schedule A2-1

Page 2 of 5

**Dakota Electric Association
Load Management Rate 51 Adjustment Projection
For the Twelve Months Ending December 31, 2016**

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

Schedule A2-1

Page 3 of 5

**Dakota Electric Association
Load Management Rate 52 Adjustment Projection
For the Twelve Months Ending December 31, 2016**

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Geothermal Adjustment Projection
For the Twelve Months Ending December 31, 2016**

Schedule A2-1

Page 4 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Power Cost Adjustment Projection
For the Twelve Months Ending December 31, 2016**

Schedule A2-1

Page 5 of 5

Trade Secret Data has been excised.

**Dakota Electric Association
Power Cost Adjustment Projection
Estimated Power Cost Correction Recovery Mechanism
For the Twelve Months Ending December 31, 2016**

Trade Secret Data has been excised.

Dakota Electric Association
Projected DSM & Conservation Recovery Factor
For the Twelve Months Ending December 31, 2016

Schedule A3

(A)	(B)	(C)	
2015 DSM & Conservation Tracker Expenses		\$ 2,379,066	Schedule F, Column G
2015 Recovery in Base Rates		(2,487,645)	Schedule F, Column H
Subtotal		<u>(108,579)</u>	
2015 Carrying Cost		(4,834)	Schedule F, Column D
2015 Amortization of 2008 Balance*		<u>229,369</u>	Schedule F, Column C
2015 Tracker Additions		115,956	
Cumulative True-Up (Over) / Under-Recovery at 12/31/15		<u>(42,091)</u>	Schedule B2
Total to Recover 2016		<u>\$ 73,865</u>	
Projected Calendar Year 2016 kWh Sales		<u>1,893,263,000</u>	
Tracker Account Recovery Factor		<u>\$ -</u>	per kWh

Projected Recovery Results

Month	Projected kWh Sales	Projected DSM & Conservation Recovery
Jan-16	161,182,000	\$ -
Feb-16	142,839,000	-
Mar-16	144,877,000	-
Apr-16	132,900,000	-
May-16	143,379,000	-
Jun-16	167,837,000	-
Jul-16	205,503,000	-
Aug-16	190,093,000	-
Sep-16	155,719,000	-
Oct-16	142,236,000	-
Nov-16	144,103,000	-
Dec-16	<u>162,595,000</u>	<u>-</u>
Total kWh Sales	1,893,263,000	\$ -
Total to Recover 2016		<u>73,865</u>
Net Projected Over / (Under) Recovery at 12/31/16		<u>\$ (73,865)</u>

* See page 2 of Schedule F for additional details

Dakota Electric Association
Projected Property & Real Estate Tax Recovery Factor
For the Twelve Months Ending December 31, 2016

Schedule A4-1

(A)	(B)	(C)	
Estimated 2016 Real & Personal Property Taxes*		3,399,679	Schedule A4-3
Projected 2016 Recovery in Base Rates		<u>(3,597,200)</u>	
Projected 2016 (Over) / Under-Recovery in Base Rates		(197,521)	
Cumulative True-Up (Over) / Under-Recovery at 12/31/2015		<u>115,910</u>	Schedule B3, Column B
Recoverable Balance for 2016		<u>\$ (81,611)</u>	
Projected Calendar Year 2016 kWh Sales		<u>1,893,263,000</u>	
Average Property & Real Estate Tax Recovery		<u>\$ -</u>	per kWh

Note: See Schedule A4-2 for recovery factor by class detail

Month	Projected kWh Sales	Projected Property & Real Estate Tax Recovery
Jan-16	161,182,000	\$ -
Feb-16	142,839,000	-
Mar-16	144,877,000	-
Apr-16	132,900,000	-
May-16	143,379,000	-
Jun-16	167,837,000	-
Jul-16	205,503,000	-
Aug-16	190,093,000	-
Sep-16	155,719,000	-
Oct-16	142,236,000	-
Nov-16	144,103,000	-
Dec-16	<u>162,595,000</u>	-
Total kWh Sales	1,893,263,000	\$ -
Recoverable balance for 2016		<u>(81,611)</u>
Net Projected Over / (Under) Recovery at 12/31/16		<u>\$ 81,611</u>

* Refers to 2015 taxes payable in 2016

Dakota Electric Association

Schedule A4-2

**Projected Property & Real Estate Tax Adjustment
Allocation to Rate Classes Using Cost of Service Method
For the Twelve Months Ending December 31, 2016**

Class & Rate	Property & Real Estate Taxes in Rate Case	% Plant	Current Recoverable Balance	(Over)/Under Recovered 12/31/2015	Net Recoverable Balance	Forecasted kWh Sales 1/2016 -12/2016	Adjustment per kWh
A	B	C	D			E	F
Residential	\$2,668,288	72.11%	(\$142,433)	111,584	(\$30,849)	930,065,000	\$0.0000
31 Residential							
32 Resl Demand Control							
53 Resl Time of Day							
Irrigation	27,096	0.73%	(1,442)	3,149	1,707	10,374,000	0.0002
36 Irrigation							
37 Irrigation - Controlled							
Small General Service - 41	157,509	4.26%	(8,414)	5,532	(2,882)	49,214,000	(0.0001)
General Service	444,762	12.02%	(23,742)	9,471	(14,271)	471,244,000	0.0000
46 General Service							
49 Geothermal							
54 General Service Time of Day							
Interruptible Option - 70 & 71	318,376	8.60%	(16,987)	(17,597)	(34,584)	421,916,000	(0.0001)
Lighting	84,419	2.28%	(4,503)	3,771	(732)	10,450,000	(0.0001)
44 Street Lights							
44B Security Lights							
TOTAL	\$3,700,450	100.00%	(197,521)	\$115,910	(\$81,611)	1,893,263,000	\$0.0000

Dakota Electric Association
Property & Real Estate Taxes by Location
Estimated 2015 Taxes Payable in 2016

Schedule A4-3

PERSONAL PROPERTY TAXES

<u>Dakota County</u>	
Apple Valley / 196	\$ 513,637.02
Apple Valley / 191	5,491.36
Burnsville / 191	313,549.70
Burnsville / 194	43,344.68
Burnsville / 196	201,406.22
Burnsville Sub / 196 (Leased Land)	25,330.14
Burnscott Sub / 191 (Leased Land)	16,686.06
Eagan / 191	49,698.32
Eagan / 196	544,902.26
Eagan / 197	81,657.28
Pilot Knob Sub / 196 (Leased Land)	15,795.12
Eagan Sub / 196 Westcott (L.L.)	34,693.02
Farmington / 192	107,839.16
Hastings / 200	29,567.14
Inver Grove Heights / 199	20,720.28
Inver Grove Heights / 196	78,838.56
Lakeville / 196	67,455.68
Lakeville / 194	369,849.08
Lakeville / 192	47,480.18
Miesville / 200	2,449.72
New Trier / 200	103.38
Rosemount / 200	28.72
Rosemount / 196	61,242.42
 <u>Scott County</u>	
Lake Marion Sub / 194 (Leased Land)	9,088.00
 <u>Goodhue County</u>	
Cannon Falls Twp	5,454.00
Burnside Twp (Redwing)	20,604.00
 <u>Great River Energy</u>	
Empire Sub / 192	13,916.23
 <u>Xcel Energy</u>	
Vermillion Sub / 192	21,216.07
 Total Property Taxes	2,702,043.80
Total Personal Property Taxes	

REAL ESTATE TAXES

<u>Dakota County</u>	
Fischer Sub - Apple Valley / 196	\$ 49,361.30
Apple Valley Sub - Apple Valley / 196	28,579.28
Colonial Hills Sub - Burnsville / 191	35,198.62
Castle Rock Sub South / 659	4,201.02
Castle Rock Sub North / 659	43.34
Lemay Sub West - Eagan / 197	1,727.92
Lemay Sub East - Eagan / 197	29,232.06
Deerwood Sub - Eagan Sub / 196	22,994.04
Lebanon Hills Sub - Eagan / 196	13,025.52
Eagan Sub / 196	25,711.20
River Hills Sub - Eagan / 196	49,258.56
Yankee Doodle Sub - Eagan / 196	32,724.56
Farmington Sub / 192	2,746.84
Rich Valley Sub - Inver Grove / 196	5,841.34
Orchard Lake Sub - Lakeville / 194	18,755.98
Dakota Heights Sub - Lakeville / 194	22,130.90
Dodd Park Sub South - Lakeville / 194	317.70
Dodd Park Sub North - Lakeville / 194	21,218.30
Kenrick Sub - Lakeville / 194	33,736.88
Lakeville Sub / 196	17,828.64
Ritter Sub / 194	38,014.94
Hastings Sub / 200	7,361.78
Nininger Sub / 200	20,484.08
Marshan Twp / 200	12,293.30
Miesville Sub South / 200	8,519.00
Miesville Sub Northwest / 200	2,551.54
Headquarters Building	154,121.08
 <u>Goodhue County</u>	
Byllesby Sub - Cannon Falls Twp	6,718.00
Ravenna Sub	16,538.00
 <u>MN Valley Electric</u>	
Burnscott Joint Sub	4,677.78
 <u>Xcel Energy</u>	
Vermillion Sub / 192	11,721.68
 Total Real Estate Taxes	\$ 697,635.17
Total Real Estate Taxes	

GRAND TOTAL TAXES **\$ 3,399,678.97**

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Energy Cost Adjustment
For the Twelve Months Ending December 31, 2015**

Schedule B1

Page 1 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Load Management Rate 51 Adjustment
For the Twelve Months Ending December 31, 2015**

Schedule B1

Page 2 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Load Management Rate 52 Adjustment
For the Twelve Months Ending December 31, 2015**

Schedule B1

Page 3 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Geothermal Adjustment
For the Twelve Months Ending December 31, 2015**

Schedule B1

Page 4 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Power Cost Adjustment
For the Twelve Months Ending December 31, 2015**

Schedule B1

Page 5 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Power Cost Adjustment Projection
2015 Actual Power Cost Correction Recovery Mechanism**

Schedule B1-1

Trade Secret Data has been excised.

Dakota Electric Association
Actual DSM & Conservation Over / Under Recovery
For the Twelve Months Ending December 31, 2015

Schedule B2

(A)	(B)	(C)	(D)
Month	Projected kWh Sales	Actual Billed kWh Sales	Resource Recovery @ 0.0000/kWh
Jan-15	153,802,214	157,840,198	-
Feb-15	139,609,638	149,076,590	-
Mar-15	137,452,561	143,684,638	-
Apr-15	125,942,192	131,464,768	-
May-15	134,241,005	129,617,085	-
Jun-15	159,727,676	144,487,630	-
Jul-15	188,076,210	170,713,493	-
Aug-15	189,924,000	185,881,575	-
Sep-15	151,885,000	173,002,813	-
Oct-15	141,882,000	144,808,238	-
Nov-15	142,772,000	127,908,747	-
Dec-15	164,188,000	138,137,584	-
Total kWh Sales	1,829,502,496	1,796,623,359	-
Actual DSM & Conservation Recovery			\$ -
Less DSM & Conservation Additions in 2014			\$ (22,220) Schedule F, Column C+D+F
Over (Under) Recovery at December 31, 2015			\$ 22,220 Recovery - 2014 Additions
Cumulative Over (Under) Recovery at December 31, 2014			\$ 19,871 January 2015 RTA Filing Schedule B2
Cumulative Over (Under) Recovery at December 31, 2015			\$ 42,091

Dakota Electric Association
Property & Real Estate Tax (Over)/Under Recovery
Year Ended December 31, 2015

Schedule B3

A	B	C	D	E	F	G	H	I
Month	Property Tax Account # 16130 Balance	Monthly (Over)/Under Recovery	Carrying* Cost @ 7.42%	Resource Adjustment Recovery	Base Rate Recovery	Total Recovery	Property & Real Estate Taxes Payable	Additions to Tax Tracker Account
Dec-14	111,326							
Jan-15	93,881	(17,445)	688	46,422	252,544	298,966	280,833	28,289
Feb-15	92,683	(1,198)	581	44,088	238,523	282,611	280,833	42,310
Mar-15	102,326	9,642	573	41,869	229,895	271,764	280,833	50,938
Apr-15	134,143	31,818	633	36,909	210,344	247,253	278,438	68,094
May-15	170,472	36,328	829	35,552	207,387	242,939	278,438	71,051
Jun-15	178,425	7,953	1,054	40,359	231,180	271,539	278,438	47,258
Jul-15	160,941	(17,484)	1,439	24,219	273,142	297,361	278,438	5,296
Aug-15	91,529	(69,412)	995	51,434	297,411	348,845	278,438	(18,973)
Sep-15	47,398	(44,131)	566	46,330	276,805	323,135	278,438	1,633
Oct-15	54,584	7,186	293	37,935	231,693	269,628	276,521	44,828
Nov-15	94,004	39,420	338	32,785	204,654	237,439	276,521	71,867
Est. Dec-15	115,910	21,907	511	178	262,461	262,639	284,035	21,574
Total	115,910	4,585	8,500	438,080	2,916,039	3,354,119	3,350,204	434,165
						(= E + F)		(= H - F)

*December 15 Estimate used carry cost rate of 6.52% per the 2014 Rate Case

Dakota Electric Association
Projected kWh Sales & Usage
For the Twelve Months Ending December 31, 2016

Schedule C

(A) KWH Sold	(B)	(C)	(D)	(E)	(F)	(G)
	Historical Sales					Projected
	2011	2012	2013	2014	2015	2016
Jan	161,074,312	152,561,974	157,426,160	163,031,366	153,802,214	161,182,000
Feb	139,487,478	138,207,414	137,373,065	143,476,639	139,609,638	142,839,000
Mar	144,451,472	137,437,402	143,753,996	145,116,644	137,452,561	144,877,000
Apr	131,246,657	127,941,859	133,777,464	130,795,516	125,942,192	132,900,000
May	138,706,632	148,078,063	139,332,599	140,700,505	134,241,005	143,379,000
Jun	161,791,425	177,639,639	158,876,381	162,636,408	159,727,676	167,837,000
Jul	217,788,667	226,936,444	195,856,692	176,185,540	188,076,210	205,503,000
Aug	189,165,322	182,171,287	192,891,587	189,048,881	176,198,869	190,093,000
Sep	149,303,821	149,785,964	158,337,135	144,013,151	159,986,766	155,719,000
Oct	141,842,287	138,461,226	138,820,567	134,412,956	132,983,623	142,236,000
Nov	137,906,791	138,938,590	140,941,343	143,867,239	134,039,036	144,103,000
Dec	155,755,015	156,643,738	162,112,176	155,150,472	150,254,953	162,595,000
	1,868,519,879	1,874,803,600	1,859,499,165	1,828,435,317	1,792,314,743	1,893,263,000
# Increase/(Decrease)	(4,429,160)	6,283,721	(15,304,435)	(31,063,848)	(36,120,575)	100,948,258
% Increase	-0.24%	0.34%	-0.82%	-1.67%	-1.98%	5.6%

(A) Own Use	(C)	(D)	(E)	(F)	(F)	(G)
	Historical Sales					Projected
	2011	2012	2013	2014	2015	2016
Jan	339,244	333,280	337,271	358,100	324,408	317,000
Feb	268,990	263,144	289,004	345,764	317,425	260,000
Mar	255,927	190,808	265,983	281,255	229,479	226,000
Apr	164,311	141,966	209,645	175,066	149,561	159,000
May	120,086	108,760	132,920	112,250	103,468	131,000
Jun	121,552	112,087	106,460	103,902	109,485	132,000
Jul	126,821	124,940	113,131	107,414	111,223	141,000
Aug	127,238	119,409	109,021	111,570	112,210	138,000
Sep	116,804	105,750	100,180	98,898	106,731	126,000
Oct	131,021	117,821	115,638	115,145	101,455	138,000
Nov	226,404	186,548	233,735	234,295	139,948	206,000
Dec	281,094	272,210	341,093	261,818	239,882	276,000
	2,279,492	2,076,723	2,354,081	2,305,477	2,045,275	2,250,000
# Increase/(Decrease)	75,446	(202,769)	277,358	(48,604)	(260,202)	204,725
% Increase	3.42%	-8.90%	13.36%	-2.06%	-11.29%	10.0%

**Dakota Electric Association
System Line Loss
Five-Year Average**

Schedule D

(A)	(B)	(C)	(D)	(E)	(F)
Year	kWh Purchased	kWh Sold	kWh Own Use	kWh Loss*	Line Loss % of Purchases
2011	1,928,659,148	1,868,519,879	2,279,492	57,859,777	3.000%
2012	1,934,928,169	1,874,803,600	2,076,723	58,047,846	3.000%
2013	1,920,590,874	1,859,499,165	2,354,081	57,617,726	3.000%
2014	1,887,361,641	1,828,435,317	2,305,477	56,620,847	3.000%
2015	1,849,855,685	1,792,314,743	2,045,275	55,495,668	3.000%
Total	9,521,395,518	9,223,572,704	11,061,048	285,641,864	3.000%

* 2013 reflects the impact of a 1.1 million kwh billing adjustment that did not include line loss

Source of Data & Computations

- (B) CFC Form 7, Part R, Line 16: 12/31
- (C) CFC Form 7, Part R, Line 11: 12/31
- (D) CFC Form 7, Part R, Line 15: 12/31
- (E) (B) - (C) - (D)
- (F) (E) / (B)

Dakota Electric Association
Conservation Expenditures Compared to Revenue

Year	Conservation Expenditures *	Revenue	Conservation as % of Revenue
2010	\$ 4,713,740	\$ 181,279,887	2.60%
2011	\$ 4,211,382	\$ 183,131,819	2.30%
2012	\$ 3,785,837	\$ 190,160,015	1.99%
2013	\$ 3,817,739	\$ 193,896,154	1.97%
2014	\$ 3,694,969	\$ 195,879,147	1.89%
2015 Projection	\$ 3,794,000	\$ 194,202,000	1.95%
2016 Budget	\$ 3,697,000	\$ 211,160,000	1.75%

* Conservation Expenditures include both DEA and GRE expenditures.

**Dakota Electric Association
DSM/Conservation Tracker Account
Year Ended December 31, 2014**

Schedule F

Page 1 of 2

A	B	C	D	E	F	G	H
Month	Conservation Account # 16120 Balance	Amortization of 12/31/08 Balance Over 5 years	Carrying Cost @ 7.42%	Resource Adjustment Recovery	Additions to Tracker Account	Conservation Expenses	
						Expenses Incurred	Recovery in Base Rates
Dec-13	163,715						
Jan-14	66,420	32,767	1,012	(16,643)	(114,430)	118,576	(233,006)
Feb-14	26,125	32,767	411	(16,113)	(57,359)	168,228	(225,587)
Mar-14	(15,375)	32,767	162	(15,025)	(59,405)	150,938	(210,343)
Apr-14	(68,157)	32,767	(95)	(13,245)	(72,209)	113,222	(185,432)
May-14	(87,287)	32,767	(421)	(13,756)	(37,720)	154,857	(192,577)
Jun-14	(92,995)	32,767	(540)	(14,825)	(23,110)	184,445	(207,555)
Jul-14	(161,995)	32,767	(575)	(16,899)	(84,293)	152,290	(236,583)
Aug-14	(259,792)	32,767	(1,002)	(18,534)	(111,028)	148,454	(259,482)
Sep-14	(166,721)	32,767	(1,606)	(17,342)	79,252	322,037	(242,785)
Oct-14	(113,168)	32,767	(1,031)	(13,665)	35,482	226,797	(191,315)
Nov-14	5,348	32,767	(700)	(13,378)	99,827	287,117	(187,289)
Dec-14	(42,782)	32,767	33	(14,852)	(66,079)	141,843	(207,922)
Annual Total		393,204	(4,352)	(184,277)	(411,072)	2,168,804	(2,579,877)

(= G + H)

**Dakota Electric Association
DSM/Conservation Tracker Account
Year Ended December 31, 2015**

Schedule F

Page 2 of 2

A	B	C	D	E	F	G	H
Month	Conservation Account # 16120 Balance	Amortization of 12/31/08 Balance Over 5 years*	Carrying** Cost @ 7.42%	Resource Adjustment Recovery	Additions to Tracker Account	Conservation Expenses	
						Expenses Incurred	Recovery in Base Rates
Dec-14	(42,782)						
Jan-15	(103,818)	32,767	(265)	-	(93,538)	127,438	(220,976)
Feb-15	(97,485)	32,767	(642)	-	(25,792)	182,915	(208,707)
Mar-15	(99,197)	32,767	(603)	-	(33,876)	167,283	(201,158)
Apr-15	(88,130)	32,767	(613)	-	(21,087)	162,964	(184,051)
May-15	(38,017)	32,767	(545)	-	17,891	199,355	(181,464)
Jun-15	83,914	32,767	(235)	-	89,399	291,682	(202,283)
Jul-15	2,934	32,767	519	-	(114,266)	124,733	(238,999)
Aug-15	(116,837)	-	18	-	(119,789)	140,445	(260,234)
Sep-15	(177,033)	-	(722)	-	(59,474)	182,730	(242,204)
Oct-15	(79,537)	-	(1,095)	-	98,591	301,323	(202,732)
Nov-15	(29,300)	-	(492)	-	50,729	229,801	(179,072)
Est. Dec-15	73,174	-	(159)	-	102,633	268,398	(165,765)
Annual Total		229,369	(4,834)	-	(108,579)	2,379,066	(2,487,645)
					(= G + H)		

*Amortization started in August 2010 with new rates approved in the 2009 rate case and ended in July 2015

**December 15 Estimate used carry cost rate of 6.52% per the 2014 Rate Case

DAKOTA ELECTRIC ASSOCIATION
Conservation Projects
Eligible for Tracker Account Cost Recovery

		2014												
		Total	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
ACMAINT	Low Income A/C Tune-up	-	-	-	-	-	-	-	-	-	-	-	-	-
ACTUNEUP	Air Conditioning Tune-Up	1,568	37	151	(107)	62	332	553	(75)	155	168	44	96	153
AFFORD07	Affordable Housing Project	-	-	-	-	668	(668)	-	-	-	-	-	3,103	(3,103)
AUDC	Energy Audits - Commercial	10,101	1,529	415	900	1,321	836	860	510	529	1,022	570	624	984
AUDLOW	Low Income Audit Program	9,677	431	437	115	82	76	366	143	236	297	347	108	7,038
AUDR	Energy Audits - Residential	36,289	1,768	1,256	3,170	3,056	3,045	2,602	2,873	1,435	4,837	7,179	2,163	2,908
BLDCIP	Energy Audits - Residential	53,216	-	-	-	-	-	-	-	-	48,273	1,248	-	3,695
CACCI	Cycled Air - C&I	14,431	-	139	83	726	1,340	1,021	4,603	258	120	176	118	5,846
CACRES	Cycled Air - Residential	198,052	907	129	14,193	1,238	15,260	12,327	2,758	6,364	47,727	9,132	310	87,706
CFLRES	Compact Fluorescent Lighting	2,774	274	26	151	133	1,159	111	174	109	36	98	63	441
CIGRANT	Energy Grant	337,107	13,096	27,454	24,581	29,376	28,688	20,887	11,266	25,140	41,251	49,907	42,096	23,365
CIGROUP	C&I Energy Group	15,858	-	898	803	5,090	7,228	313	76	430	843	143	34	-
CINEWS	C&I Newsletter "Cooperation"	985	-	985	-	-	-	-	-	-	-	-	-	-
CIPGOALS	C&I Newsletter "Cooperation"	102,546	-	-	-	-	-	-	-	-	77,460	10,801	6,999	7,287
CIPLAN	New Construction Plan Review	67	-	-	-	-	34	34	-	-	-	-	-	-
CIRC	Circuits - DSM	107,607	9,305	9,414	9,121	9,655	9,096	8,635	8,991	8,710	8,915	8,522	8,543	8,700
CUSTCARE/CUSTRE	Load Management Tracking System	-	-	-	-	-	-	-	-	-	-	-	-	-
DEHUMID	Energy Efficiency Training & Education	225	-	-	-	18	18	35	-	62	9	-	-	84
E3TRAIN	Energy Efficiency Training & Education	24,230	1,611	1,219	3,739	1,956	1,327	3,115	1,531	1,206	1,535	4,327	1,693	969
ECMMOTOR	Electron-Commutated Motor	27,087	925	1,656	1,539	1,008	721	348	432	719	336	3,196	(1,790)	17,998
EDUD	Education & Training - DSM	109	-	-	-	-	-	-	-	-	-	54	54	-
EIL	Energy Intelligent Lifestyle	43,184	3,161	3,571	3,935	4,618	5,011	2,933	2,862	3,237	4,233	2,834	2,126	4,664
EILPROD	Energy Intelligent Lifestyle-Products	26,910	1,557	2,733	2,400	1,533	2,104	2,246	1,815	4,330	2,494	1,997	1,366	2,335
ELECCAR	Electric Car	8,624	515	429	884	3,134	(2,528)	1,538	841	671	1,286	690	630	534
ELECHEAT	Electric Heat	40,087	4,394	5,421	15,179	2,071	1,536	2,176	971	789	1,806	3,084	2,424	238
ENERGYEFFAV	Energy Efficiency - Apple Valley	-	-	-	-	-	-	-	-	-	-	-	-	-
ENERGYEFFBV	Energy Efficiency - Burnsville	-	-	-	-	-	-	-	-	-	-	-	-	-
ESTAR	Energy Star	3,740	1,201	-	-	-	-	-	1,100	-	-	-	-	1,440
ETSCABLE	ETS Cable	262	-	-	379	(26)	-	-	-	10	(173)	-	-	71
EWEXPO	Energy Wise Expo	30,229	1,446	1,383	1,135	1,058	1,566	3,981	3,695	4,102	7,814	3,954	96	-
EXCOMMIG	ExpressCom Migration	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRSHOW	Fairs & Shows	23,200	88	424	1,143	861	82	589	7,537	9,721	-	84	144	2,527
FRECYCLE	Fluorescent Lamp Recycling	13,395	-	-	-	-	-	-	-	-	-	-	-	13,395
FREEZER	Energy Star Freezer	1,756	91	121	150	124	172	103	65	101	115	256	150	305
GENMT	Generator Maint & Testing	17,333	750	2,226	794	563	656	919	2,480	3,110	1,202	1,174	1,166	2,292
GPUMP	Geothermal Heat Pumps	1,757	-	228	176	118	176	470	223	12	118	-	-	235
GPUMPRES	Geothermal Heat Pumps-Residential	12,155	30	132	-	18	-	-	-	312	143	529	288	10,705
HIEFF	High Efficiency A/C Rebates	160,742	3,940	1,107	1,551	5,589	12,239	19,142	38,654	18,691	25,283	13,803	8,571	12,172
HPUMP	Heat Pumps - Residential	50,598	2,116	3,504	10,644	2,450	2,699	4,592	2,992	2,044	5,179	2,074	2,611	9,694
HPWH	Heat Pumps - Residential	9	-	-	9	-	-	-	-	-	-	-	-	-
IRRIG	Interruptible Irrigation	28,275	448	568	2,680	2,204	7,252	5,274	3,690	2,032	1,520	862	542	1,203
LEDLIGHTS	LED - Lights	11,965	865	220	899	1,220	4,529	(3,013)	715	541	213	109	251	5,415
LEDR&DPROJ	LED Roadway Lighting Pilot Project	75,544	39	506	917	988	1,931	704	-	91	92	68,117	747	1,413
LEDXMAS	LED - Holiday Lights	1,615	819	97	18	-	(3,198)	3,198	-	-	-	-	-	682
LIARCON	Low Income Central Air Condition Replace	-	-	-	-	-	-	-	-	-	-	-	-	-
LIASHP	Low Income Heat Pump Installation	-	-	-	-	-	-	-	-	-	-	-	-	-
LICLSWSHR	Low Income Clothes Washer	14,942	-	-	-	-	-	-	-	-	-	-	-	14,942
LIDEHUMID	Low Income Dehumidifier Units	748	-	-	-	-	-	-	-	-	-	-	-	748
LIDISH	Low Income Dishwashers	14,499	-	-	-	-	-	-	-	-	-	-	-	14,499
LIECM	Low Income Furnace Motor Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-

DAKOTA ELECTRIC ASSOCIATION
Conservation Projects
Eligible for Tracker Account Cost Recovery

		2014												
		Total	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
LIFREEZER	Low Income Freezer	8,230	-	-	-	-	-	-	-	-	-	-	-	8,230
LIGHTING	Energy Star Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMICRO	Low Income Microwave Ovens	7,221	-	-	-	-	-	-	-	-	-	-	-	7,221
LIRROOMAC	Low Income Room Air Conditioner	524	-	-	-	-	-	-	-	-	-	-	-	524
LIWARR	Low Income Warranty Repairs	9	9	-	-	-	-	-	-	-	-	-	-	-
LIWEATHER	Low Income Weatherization Program	-	-	-	-	-	-	-	-	-	-	-	-	-
LIWTRHTR	Low Income Water Heater	(23)	-	-	-	-	-	-	-	-	-	400	(486)	62
LOADCTRL	Load Control	149,393	26,069	46,140	(20,021)	6,214	30,998	32,843	30,090	27,408	(16,344)	12,646	184,715	(211,365)
PEAK	Peak Alert Rate 70	17,500	484	759	1,186	372	458	2,955	594	1,303	3,070	1,793	1,144	3,382
PLCMT/PLCMASTER	Power Line Carrier DSM	105,541	28,806	6,291	30,638	7,124	5,230	5,342	4,924	4,522	3,775	3,342	2,694	2,854
REFRIGLOW	Low Income Refrigerator Replacements	23,684	289	-	-	33	186	97	265	254	168	70	194	22,130
REFRIGRECYCLE	Refrigerator with Recycling	-	-	-	-	-	-	-	-	-	-	-	-	-
REGD	Regulatory - DSM	148,636	567	32,014	1,526	3,164	5,311	31,491	1,140	1,349	32,066	1,421	3,028	35,559
RENEW	Optional Renewable Energy	-	-	-	-	-	-	-	-	-	-	-	-	-
RFGRCYC	Refrigerator Recycling	11,445	495	1,147	1,300	1,158	725	421	180	775	407	380	327	4,129
ROOMAC	Energy Star Room Air Conditioner	-	-	-	-	-	-	-	-	-	-	-	-	-
ROOMSTORG	Room Storage Electric Heat	6,346	355	249	3,658	211	-	605	920	520	768	14	138	(1,091)
SESCIP	School of Environmental Studies-CIP	-	-	-	-	-	-	-	-	-	-	-	-	-
SOLAR	School of Environmental Studies-CIP	18,191	-	37	1,581	4,913	426	191	1,215	3,574	3,808	322	1,169	955
STARHOME	Star Home Program	1,000	-	5,000	(3,000)	(2,000)	-	-	2,500	(2,500)	-	-	500	500
VMISERDEA	Vending Miser DEA customers	1,795	202	-	87	1,698	244	(945)	402	277	130	(300)	-	-
WARFZ	Working Appliance Recycling Freezer	569	54	139	53	62	62	(331)	415	49	18	-	-	50
WARRF	Working Appliance Recycling Refrigerator	2,160	113	165	478	120	261	446	(262)	73	35	-	-	733
WATERKIT	Residential Energy Saving Water Kits	-	-	-	-	-	-	-	-	-	-	-	-	-
WTRHTR	Water Heaters	85,637	5,003	4,649	27,486	4,455	3,452	10,485	4,197	10,920	5,195	6,610	3,581	(395)
	Depreciation Expense DSM-Distrib	57,445	4,787	4,787	4,787	4,787	4,787	4,787	4,787	4,787	4,787	4,787	4,787	4,787
	Depreciation Expense DSM-General	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	2,168,804	118,576	168,228	150,938	113,222	154,857	184,445	152,290	148,454	322,037	226,797	287,117	141,843

Notes:

Expenditures are shown net of refunds from Great River Energy (GRE) (Dakota Electric's power supplier)

DAKOTA ELECTRIC ASSOCIATION
Conservation Projects
Eligible for Tracker Account Cost Recovery

		2015												
		Total	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Est. Dec-15
ACMAINT	Low Income A/C Tune-up	5,832	-	-	-	-	-	-	-	-	-	4,050	-	1,782
ACTUNEUP	Air Conditioning Tune-Up	3,612	75	62	45	1,159	423	626	222	227	116	479	129	50
AFFORD07	Affordable Housing Project	25,528	-	-	-	-	-	74,970	(74,930)	-	16,962	-	16	8,509
AUDC	Energy Audits - Commercial	14,425	328	7,980	804	561	442	391	771	220	1,521	406	651	349
AUDLOW	Low Income Audit Program	9,986	256	56	206	289	468	188	169	130	403	4,879	65	2,877
AUDR	Energy Audits - Residential	25,533	1,764	1,809	2,256	1,622	1,875	1,714	1,198	2,221	4,371	3,029	1,893	1,781
BLDCIP	Energy Audits - Residential	62,564	-	3,695	396	7,978	47,140	1,875	-	983	497	-	-	-
CACCI	Cycled Air - C&I	1,454	-	-	71	176	56	127	83	509	112	159	37	124
CACRES	Cycled Air - Residential	228,933	4,725	1,322	15,945	8,730	20,101	20,849	18,232	15,414	55,980	11,053	6,182	50,399
CFLRES	Compact Fluorescent Lighting	2,397	163	98	172	1,168	81	98	57	18	45	117	43	336
CIGRANT	Energy Grant	443,352	6,345	22,693	40,975	26,692	17,455	45,294	67,503	19,815	33,944	36,868	101,371	24,398
CINEWS	C&I Newsletter "Cooperation"	1,119	4	1,116	-	-	1,147	-	-	-	-	(1,147)	-	-
CIPGOALS	C&I Newsletter "Cooperation"	101,230	10,132	11,789	10,539	8,782	7,237	8,869	7,554	7,625	9,368	9,863	9,144	327
CIGROUP	C&I Newsletter "Cooperation"	13,992	-	792	1,885	3,245	4,541	391	798	193	868	536	742	-
CIPLAN	New Construction Plan Review	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRC	Circuits - DSM	129,816	9,671	9,541	9,066	9,651	8,737	8,648	9,117	9,042	8,513	9,058	8,705	30,067
CUSTCARE/CUSTREL	Load Management Tracking System	-	-	-	-	-	-	-	-	-	-	-	-	-
DEHUMID	Energy Efficiency Training & Education	3,551	55	18	27	54	45	98	775	27	208	1,494	499	250
E3TRAIN	Energy Efficiency Training & Education	27,897	1,973	1,269	4,596	2,519	3,318	2,511	872	1,995	3,488	3,064	1,504	786
ECMMOTOR	Electron-Commutated Motor	54,194	1,031	937	580	380	662	364	451	299	571	17,353	10,726	20,839
EDUD	Education & Training - DSM	355	-	-	260	-	-	-	-	96	-	-	-	-
EIL	Energy Intelligent Lifestyle	119,236	4,682	78,626	3,801	4,228	2,966	2,979	2,262	4,173	2,769	3,779	4,294	4,676
EILPROD	Energy Intelligent Lifestyle-Products	32,449	1,758	2,171	2,996	2,379	3,895	2,641	1,897	2,344	4,632	1,991	1,983	3,763
ELECCAR	Electric Car	13,683	743	764	732	439	653	1,081	753	1,938	241	1,662	1,472	3,206
ELECHEAT	Electric Heat	26,022	3,023	3,499	3,566	2,083	824	2,290	(64)	1,868	1,847	1,137	2,171	3,778
ENERGYEFFAV	Energy Efficiency - Apple Valley	-	-	-	-	-	-	-	-	-	-	-	-	-
ENERGYEFFBV	Energy Efficiency - Burnsville	-	-	-	-	-	-	-	-	-	-	-	-	-
ESTAR	Energy Star	3,094	-	1,027	-	-	1,049	-	-	-	-	-	1,018	-
ETSCABLE	ETS Cable	265	-	114	-	-	-	-	-	-	-	151	-	-
EWEXPO	Energy Wise Expo	12,538	-	-	166	403	583	631	489	852	4,795	4,192	292	135
EXCOMMIG	ExpressCom Migration	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRSHOW	Fairs & Shows	24,368	111	9	763	957	87	1,034	9,132	10,993	1,064	-	207	12
FRECYCLE	Fluorescent Lamp Recycling	12,830	-	-	-	-	-	-	-	-	-	-	-	12,830
FREEZER	Energy Star Freezer	2,061	177	124	100	91	73	64	90	136	73	811	166	158
GENMT	Generator Maint & Testing	15,974	2,147	198	460	501	1,955	526	1,596	1,019	1,542	5,183	(42)	889
GPUMP	Geothermal Heat Pumps	253	-	-	-	-	-	-	121	28	-	-	-	105
GPUMPRES	Geothermal Heat Pumps-Residential	6,078	461	279	1,008	1,438	130	9	268	130	69	2,060	121	105
HIEFF	High Efficiency A/C Rebates	205,223	2,075	436	2,329	8,045	14,716	22,504	24,213	18,549	24,362	42,352	26,916	18,725
HPUMP	Heat Pumps - Residential	54,835	1,228	3,715	4,557	3,008	2,007	5,137	1,943	1,727	5,192	2,818	2,498	21,006
HPWH	Heat Pumps - Residential	318	9	9	-	-	-	-	-	-	300	-	-	-
IRRIG	Interruptible Irrigation	29,520	437	786	1,452	8,629	5,145	2,697	1,830	1,016	1,416	3,236	938	1,938
LEDLIGHTS	LED - Lights	45,312	2,792	2,124	2,256	3,104	1,946	1,470	679	373	1,269	12,861	10,072	6,366
LEDPILOT	LED - Lights	11,461	-	-	-	-	227	11,093	47	-	-	-	94	-
LEDR&DPROJ	LED Roadway Lighting Pilot Project	10,691	1,430	296	1,634	1,531	1,372	1,253	1,043	937	654	335	57	150
LEDXMAS	LED - Holiday Lights	1,499	287	98	82	5	-	-	-	-	-	-	1,018	10
LEDYARD	LED - Yard Light	123	-	-	394	9	(358)	-	9	-	9	60	-	-
LIAIRCON	Low Income Central Air Condition Replace	3,166	-	-	-	-	-	-	-	-	-	3,166	-	-
LIASHP	Low Income Heat Pump Installation	-	-	-	-	-	-	-	-	-	-	-	-	-
LICLSWSHR	Low Income Clothes Washer	16,990	-	-	-	-	-	-	-	-	-	10,808	-	6,182
LIDEHUMID	Low Income Dehumidifier Units	910	-	-	-	-	-	-	-	-	-	-	910	-

DAKOTA ELECTRIC ASSOCIATION
Conservation Projects
Eligible for Tracker Account Cost Recovery

		2015												
		Total	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Est. Dec-15
LIDISH	Low Income Dishwashers	12,925	-	-	-	-	-	-	-	-	-	8,272	-	4,653
LIECM	Low Income Furnace Motor Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-
LIFREEZER	Low Income Freezer	7,628	-	-	-	-	-	-	-	-	-	4,943	-	2,685
LIGHTING	Energy Star Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMICRO	Low Income Microwave Ovens	8,384	-	-	-	-	-	-	-	-	-	5,354	-	3,030
LIROOMAC	Low Income Room Air Conditioner	1,799	-	-	-	-	-	-	-	-	-	1,542	-	257
LIWARR	Low Income Warranty Repairs	-	-	-	-	-	-	-	-	-	-	-	-	-
LIWEATHER	Low Income Weatherization Program	-	-	-	-	-	-	-	-	-	-	-	-	-
LIWTRHTR	Low Income Water Heater	-	-	-	-	-	-	-	-	-	-	-	-	-
LOADCTRL	Load Control	72,883	28,012	11,512	(5,021)	30,927	25,455	12,658	20,788	23,248	(45,396)	6,714	4,955	(40,969)
PEAK	Peak Alert Rate 70	24,204	2,416	4,219	3,127	2,446	2,364	1,639	1,023	962	2,634	1,485	824	1,064
PLCMT/PLCMASTE	Power Line Carrier DSM	67,479	26,158	4,025	1,965	2,936	2,503	6,480	2,560	3,758	4,990	2,786	4,131	5,188
POOLHEAT	Heat Pump Pool Heater	18	-	-	-	9	-	-	-	-	9	-	-	-
POOLPUMP	Pool Pump Variable Speed Motor	1,163	-	-	27	18	-	62	29	9	18	200	-	800
REFRIGLOW	Low Income Refrigerator Replacements	38,951	501	0	134	230	474	338	279	413	11,511	17,816	97	7,158
REGD	Regulatory - DSM	137,231	1,251	691	34,573	3,319	1,018	31,745	1,422	889	240	29,865	187	32,031
RENEW	Optional Renewable Energy	-	-	-	-	-	-	-	-	-	-	-	-	-
RFGRCYC	Refrigerator Recycling	20,241	692	548	508	408	263	543	780	553	290	6,524	5,074	4,059
ROOMAC	Energy Star Room Air Conditioner	-	-	-	-	-	-	-	-	-	-	-	-	-
ROOMSTORG	Room Storage Electric Heat	4,061	437	419	665	17	-	847	-	(360)	1,847	(60)	131	117
SESCIP	School of Environmental Studies-CIP	-	-	-	-	-	-	-	-	-	-	-	-	-
SOLAR	School of Environmental Studies-CIP	25,092	737	1,049	755	2,055	4,506	2,137	4,940	2,436	1,210	2,271	920	2,073
STARHOME	Star Home Program	10,500	500	(1,000)	1,000	(500)	1,000	(1,500)	2,000	(2,000)	4,000	-	4,500	2,500
VMISERDEA	Vending Miser DEA customers	(49)	-	-	-	-	-	(199)	-	-	-	-	-	150
WARFZ	Working Appliance Recycling Freezer	1,672	12	35	45	18	18	40	69	27	-	702	225	480
WARRF	Working Appliance Recycling Refrigerator	4,555	124	97	100	100	54	170	168	82	(96)	1,686	720	1,350
WATERKIT	Residential Energy Saving Water Kits	-	-	-	-	-	-	-	-	-	-	-	-	-
WTRHTR	Water Heaters	74,874	3,930	3,865	5,712	5,773	5,914	9,419	6,614	336	9,028	8,114	6,726	9,444
	Depreciation Expense DSM-Distrib	60,435	4,787	-	9,574	5,351	4,787	4,881	4,881	5,195	5,244	5,244	5,244	5,244
	Depreciation Expense DSM-General	351	-	-	-	-	-	-	-	-	-	-	176	176
	Total	2,379,066	127,438	182,915	167,283	162,964	199,355	291,682	124,733	140,445	182,730	301,323	229,801	268,398

Notes:

Expenditures are shown net of refunds from Great River Energy (GRE) (Dakota Electric's power supplier)

Dakota Electric Association
DSM / Resource Adjustment Recovery Factors

Month	Billed kWh Sales w/o DEA Use	Base Rate Recovery Factor	Base Rate Recovery	Resource Adjustment Recovery Factor	Resource Adjustment Recovery
Jan-14	166,433,059	0.0014	233,006	0.0001	16,643
Feb-14	161,133,434	0.0014	225,587	0.0001	16,113
Mar-14	150,245,130	0.0014	210,343	0.0001	15,025
Apr-14	132,451,285	0.0014	185,432	0.0001	13,245
May-14	137,555,137	0.0014	192,577	0.0001	13,756
Jun-14	148,253,680	0.0014	207,555	0.0001	14,825
Jul-14	168,987,884	0.0014	236,583	0.0001	16,899
Aug-14	185,344,322	0.0014	259,482	0.0001	18,534
Sep-14	173,417,593	0.0014	242,785	0.0001	17,342
Oct-14	136,653,663	0.0014	191,315	0.0001	13,665
Nov-14	133,778,019	0.0014	187,289	0.0001	13,378
Dec-14	148,515,727	0.0014	207,922	0.0001	14,852
	1,842,768,933		2,579,877		184,277
Jan-15	157,840,198	0.0014	220,976	0.0000	0
Feb-15	149,076,590	0.0014	208,707	0.0000	0
Mar-15	143,684,638	0.0014	201,158	0.0000	0
Apr-15	131,464,768	0.0014	184,051	0.0000	0
May-15	129,617,085	0.0014	181,464	0.0000	0
Jun-15	144,487,630	0.0014	202,283	0.0000	0
Jul-15	170,713,493	0.0014	238,999	0.0000	0
Aug-15	185,881,575	0.0014	260,234	0.0000	0
Sep-15	173,002,813	0.0014	242,204	0.0000	0
Oct-15	144,808,238	0.0014	202,732	0.0000	0
Nov-15	127,908,747	0.0014	179,072	0.0000	0
Dec-15	138,137,584	0.0012	165,765	0.0000	0
	1,796,623,359		2,487,645		0

Dakota Electric Association
Energy Conservation Spending
Year Ended December 31, 2015

Program Name	2015 DEA+GRE Spending
Residential	
Air Conditioning Tune-Up	9,287
Air Source Heat Pump (ASHP) Residential	77,995
CFL Rebate	3,140
LED - Lights	124,705
LED - Holiday Lights	3,137
Energy Star Central Air Conditioner Rebate	363,023
Energy Star Freezer	3,861
Refrigerator with Recycling	49,116
Working Appliance Recycling Freezer	4,072
Working Appliance Recycling Refrigerator	9,280
Residential Ground Source Heat Pump (GSHP)	34,478
Interruptible Air Conditioning - Residential	299,833
Off-Peak Water Heating-ETS & PSWH	92,174
Off-Peak Space Heating-Dual Fuel	26,022
Low-Income Air Conditioner Tune-Up	5,832
Low Income Refrigerator Replacements	50,672
Low Income Clothes Washer	16,990
Low Income Dehumidifier Units	910
Low Income Dishwashers	12,925
Low Income Microwave Ovens	8,384
Low Income Room Air Conditioning	1,799
Low Income Freezer	7,628
Energy Intelligent Lifestyle - Energy Education	119,236
Energy Efficiency Training & Education	27,897
Electron-Commutated Motor	143,194
Electrical Evaluation & Consultation	25,533
Energy Star Partner	3,094
Low Income Audit	9,986
Fluorescent Bulb Recycling Program	12,830
Affordable Housing Project	114,215
Energy Wise New Home Construction	18,000
Residential Subtotal	1,679,248
Commercial	
Commercial Ground Source Heat Pump (GSHP)	253
C&I-A Energy Grant Program	1,218,514
C&I Electrical Eval & Consultation	14,425
Vending Miser	251
Interruptible Air Conditioning - C&I	1,454
Commercial Subtotal	1,234,897

Total Energy Conservation Spending **\$ 2,914,145**

Statutory Spending Requirement* **\$ 2,938,187**

Percent of Requirement Devoted to Energy Conservation** **99%**

*Statutory Spending Requirement equals 1.5% of 2014 Revenues.

**Energy Conservation Spending must be at least 50% of the Statutory Spending Requirement.

Appendix

Wholesale Power Rates from Power Supplier

TRADE SECRET INFORMATION

**Trade secret data has been excised
3 page document containing rate structure**

CERTIFICATE OF SERVICE

I, Corey Hintz, hereby certify that I have this day, served copies of the following document on the attached list of persons by electronic filing, e-mail, or by depositing a true and correct copy thereof properly enveloped with postage paid in the United States Mail at Farmington, Minnesota.

Dakota Electric Association Annual Resource and Tax Adjustment Filing PUBLIC DOCUMENT.

Docket No. E111/M-15-___

Dated this 13th day of January, 2016

/s/ Corey Hintz