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*A Locally Owned, Nonprofit Electric Utility*

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Filed Electronically

January 13, 2015

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

**Re: Dakota Electric Association  
2015 Annual Resource and Tax Adjustment  
Docket No. E-111/M-15-\_\_\_\_  
PUBLIC DOCUMENT**

Dear Mr. Wolf:

Dakota Electric Association (Dakota Electric) respectfully submits its 2015 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 \$0.0156 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 Energy<sup>SM</sup> Partner 

# **Annual Resource & Tax Adjustment**

**January 2015  
Through December 2015**

**January 13, 2015**

# Dakota Electric Association

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# Dakota Electric Association

## Resource & Tax Adjustment Methodology

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### **Purchased Power Cost Adjustment**

Dakota Electric Association's (DEA) annualized resource & tax adjustment is calculated based on a projected calendar year: January 1<sup>st</sup> to December 31<sup>st</sup>. 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 1<sup>st</sup> 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 1<sup>st</sup> 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)

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### **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

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**Schedule A1** summarizes the resource and tax adjustment factors for all rate classes for the calendar year ending December, 2015. 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 2009 general rate filing, and revised in Docket No. E-111/MR-12-115.

**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, 2015. 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 2015.

**Schedule A3** computes the DSM & conservation recovery factor based on 1) projected sales for the calendar year ending December, 2015, 2) projected additions for calendar 2014 (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, 2015, and 2) estimated property and real estate tax payable during calendar 2015 (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, 2014, based on actual sales and power costs. Schedule B1-1 details the power cost recovery mechanism for 2014.

**Schedule B2** computes the accumulated over-recovery or under-recovery of DSM & conservation costs through the previous calendar year ended December 31, 2014, 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, 2014, 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, 2014 and the approved additions during 2014.

**Schedule G** lists the 2014 spending on conservation programs that reduce energy use.

**Appendix** is a copy of the calendar year 2015 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, 2015**

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	\$0.0781	\$0.0152	\$0.0000	\$0.0004	<b>\$0.0156</b>	\$0.11544	\$0.10144	\$0.10565	\$0.12125
32 Resl Dem Ctrl	\$0.0781	\$0.0152	\$0.0000	\$0.0004	<b>\$0.0156</b>	\$0.06480	\$0.06480	\$0.06480	\$0.08040
36 Irrigation - Firm	\$0.0781	\$0.0152	\$0.0000	\$0.0005	<b>\$0.0157</b>	\$0.04767	\$0.04767	\$0.04767	\$0.06337
37 Irrigation - Interruptible	\$0.0431	\$0.0103	\$0.0000	\$0.0005	<b>\$0.0108</b>	\$0.04767	\$0.04767	\$0.04767	\$0.05847
41 Sm Genl Serv	\$0.0781	\$0.0152	\$0.0000	\$0.0004	<b>\$0.0156</b>	\$0.11363	\$0.09963	\$0.10314	\$0.11874
44 Street Lights	\$0.0781	\$0.0152	\$0.0000	\$0.0013	<b>\$0.0165</b>	Various	Various	Various	Various
44B Security Lgts	\$0.0781	\$0.0152	\$0.0000	\$0.0013	<b>\$0.0165</b>	Various	Various	Various	Various
45 Low Wattage Unmetered	n/a	n/a	n/a	n/a	<b>n/a</b>	\$8.00 / mo.			\$8.00 / mo.
46 General Service	\$0.0781	\$0.0152	\$0.0000	\$0.0001	<b>\$0.0153</b>	\$0.06637 1st 200kWh per kW, next 200 @ \$0.05637, over 400 @ \$0.04637		\$0.0612	\$0.0765
47 Municipal Civil Defense	n/a	n/a	n/a	n/a	<b>\$0.0000</b>	\$5.00 / mo.			\$5.00 / mo.
49 Geothermal Heat Pump	\$0.0475	\$0.0196	\$0.0000	\$0.0001	<b>\$0.0197</b>	\$0.06000	\$0.06000	\$0.06000	\$0.07970
51 Controlled Energy Storage	\$0.0180	\$0.0020	\$0.0000	\$0.0004	<b>\$0.0024</b>	\$0.04000	\$0.04000	\$0.04000	\$0.04240
52 Controlled Interruptible	\$0.0261	\$0.0048	\$0.0000	\$0.0004	<b>\$0.0052</b>	\$0.04800	\$0.04800	\$0.04800	\$0.05320
53 Time of Day - Res'l	\$0.0781	\$0.0152	\$0.0000	\$0.0004	<b>\$0.0156</b>	\$0.16000 peak summer, \$0.14600 peak other (4-11pm) peak (11pm-4am)		\$0.08250 off	
54 Time of Day - Genl Service	\$0.0781	\$0.0152	\$0.0000	\$0.0001	<b>\$0.0153</b>	\$0.04394	\$0.04394	\$0.04394	\$0.05924
70 Interruptible Option - Full	\$0.0431	\$0.0103	\$0.0000	\$0.0001	<b>\$0.0104</b>	\$0.04394	\$0.04394	\$0.04394	\$0.05434
71 Interruptible Option - Partial	\$0.0431	\$0.0103	\$0.0000	\$0.0001	<b>\$0.0104</b>	\$0.04394	\$0.04394	\$0.04394	\$0.05434
81 Cycled Air Metered	n/a	n/a	n/a	n/a	<b>n/a</b>	(\$0.030)/kWh			<b>(\$0.030)/kWh</b>
82 Cycled Air Res'l	n/a	n/a	n/a	n/a	<b>n/a</b>	(\$36)/yr			<b>(\$36)/yr</b>
84 Cycled Air Comm'l	n/a	n/a	n/a	n/a	<b>n/a</b>	(\$6) / ton			<b>(\$6) / ton</b>

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

**Energy Cost Adjustment (ECA)**

Average Wholesale Energy Cost per kWh	\$	0.0431
Rate 70 & 71 Energy Sales		433,719,144
Rate 36 Interruptible Energy Sales		9,692,520
Interruptible Wholesale Energy Cost	= \$	19,121,647
 <b>ECA Base per kWh Sold</b>	 \$	 <b>0.0431</b>

**Load Management Rates**

Rate 51

GRE Wholesale Cost - ETS Water Heating	\$	0.0180
Rate 51 - ETS Water Heating Sales	x	3,988,500
Rate 51 - ETS Water Heating Power Cost	= \$	71,793

GRE Wholesale Cost - ETS Space Heating	\$	0.0180
Rate 51 - ETS Space Heating Sales	x	1,843,670
Rate 51 - ETS Space Heating Power Cost	= \$	33,186

Rate 51 Power Costs	\$	104,979
Rate 51 Energy Sales	÷	5,832,170
<b>Rate 51 Weighted Power Cost Base per kWh Sold</b>	= \$	<b>0.0180</b>

Rate 52

GRE Wholesale Cost - Peak Shave Water Heating	\$	0.0247
Rate 52 - Peak Shave Water Heating Sales	x	20,397,520
Rate 52 - Peak Shave Water Heating Power Cost	= \$	503,819

GRE Wholesale Cost - Dual Fuel Space Heating	\$	0.0280
Rate 52 - Dual Fuel Space Heating Sales	x	15,930,060
Rate 52 - Dual Fuel Space Heating Power Cost	= \$	446,042

Rate 52 Power Costs	\$	949,861
Rate 52 Energy Sales	÷	36,327,580
<b>Rate 52 Weighted Power Cost Base per kWh Sold</b>	= \$	<b>0.0261</b>

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

**Geothermal**Rate 49

GRE Wholesale Cost - Geothermal	\$	0.0475
Rate 49 - Geothermal Energy Sales	x	313,200
Rate 49 - Geothermal Power Cost	= \$	14,880

**Rate 49 Power Cost Base per kWh Sold** **\$ 0.0475**

**Power Cost Adjustment (PCA)**

Total Wholesale Power Cost	\$	135,652,720 <sup>A</sup>
ECA Power Cost	-	19,121,647
Rate 51 Power Cost	-	104,979
Rate 52 Power Cost	-	949,861
Rate 49 Power Cost	-	14,880
Wellspring (wholesale pass-through)	-	-
Standby (wholesale pass-through)	-	19,380
Firm Wholesale Power Cost	=	115,441,973
Firm kWh Energy Sales	÷	1,479,005,562
<b>PCA Power Cost Base per kWh Sold</b>	<b>= \$</b>	<b>0.0781</b>

Total Wholesale Power Cost	\$	135,652,720
Total Energy Sales	÷	1,964,890,176 <sup>B</sup>
<b>Total System Power Cost per kWh Sold</b>	<b>= \$</b>	<b>0.0690</b>

Notes:

Pages 1 and 2 of this schedule were Exhibit C of DEA's Petition for a Revision to the Power Cost Adjustment Base [Docket E-111/MR-12-115]

A See Exhibit B [Docket E-111/MR-12-115]

B See Exhibit\_\_(DEA-1), page 13 of 22 [Docket E-111/GR-09-175]

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

**Conservation & DSM Spending Base Calculation**

2009 Budget Conservation & DSM Spending	\$	2,726,000	C
Test Year MWh Sales		1,964,890	
<b>Conservation &amp; DSM Base per kWh</b>	<b>\$</b>	<b>0.0014</b>	

**Property Tax Recovery Base Calculation**

Test Year Real & Personal Property Taxes	\$	3,057,802	D
Test Year MWh Sales		1,964,890	
<b>Property &amp; R/E Tax Recovery Base per kWh</b>	<b>\$</b>	<b>0.0016</b>	

Allocation to Rate Classes Using Cost of Service Method		
Class & Rate	Property & Real Estate Taxes in Rate Base <sup>E</sup>	% of Taxes
Residential & Farm Service	\$ 2,168,593	70.92%
31 Residential		
32 Res'l Demand Control		
53 Res'l Time of Day		
Irrigation - 36	20,181	0.66%
Small General Service - 41	109,469	3.58%
General Service - 46	414,332	13.55%
46 - General Service		
49 - Geothermal		
54 - General Service Time of Day		
Interruptible Service - 70 & 71	274,591	8.98%
Lighting - 44, 44-1, 44-2, 44-3	70,635	2.31%
<b>TOTAL</b>	<b>\$ 3,057,802</b>	<b>100.00%</b>

Notes:

Letters below refer to other exhibits and workpapers in the rate filing [Docket E-111/GR-09-175].

C See Workpaper #9.

D Per Summary of Test Year Adjustments, Exhibit\_\_(DEA\_1) Page 2 of 22, with MPUC adjustments.

E Per Allocation of Revenue Requirements to Rate Classes, Exhibit\_\_(DEA-3), with MPUC adjustments.

***CONTAINS TRADE SECRET INFORMATION***

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

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, 2015**

**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, 2015**

**Trade Secret Data has been excised.**

***CONTAINS TRADE SECRET INFORMATION***

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

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, 2015**

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, 2015**

**Trade Secret Data has been excised.**

**Dakota Electric Association**  
**Projected DSM & Conservation Recovery Factor**  
**For the Twelve Months Ending December 31, 2015**

Schedule A3

(A)	(B)	(C)	
2014 DSM & Conservation Tracker Expenses		\$ 2,161,190	Schedule F, Column G
2014 Recovery in Base Rates		(2,579,877)	Schedule F, Column H
Subtotal		(418,687)	
2014 Carrying Cost		(4,352)	Schedule F, Column D
2014 Amortization of 2008 Balance		393,204	Schedule F, Column C
2014 Tracker Additions		(29,835)	
Cumulative True-Up (Over) / Under-Recovery at 12/31/14		(19,871)	Schedule B2
Total to Recover 2015		<u>\$ (49,706)</u>	
Projected Calendar Year 2015 kWh Sales		<u>1,884,538,000</u>	
<b>Tracker Account Recovery Factor</b>		<u><u>\$ -</u></u>	<b>per kWh</b>

**Projected Recovery Results**

Month	Projected kWh Sales	Projected DSM & Conservation Recovery
Jan-15	159,560,000	\$ -
Feb-15	140,450,000	-
Mar-15	143,764,000	-
Apr-15	131,863,000	-
May-15	144,261,000	-
Jun-15	169,094,000	-
Jul-15	204,895,000	-
Aug-15	189,924,000	-
Sep-15	151,885,000	-
Oct-15	141,882,000	-
Nov-15	142,772,000	-
Dec-15	164,188,000	-
<b>Total kWh Sales</b>	<u>1,884,538,000</u>	<u>\$ -</u>
<b>Total to Recover 2015</b>		<u>(49,706)</u>
<b>Net Projected Over / (Under) Recovery at 12/31/15</b>		<u><u>\$ 49,706</u></u>

**Dakota Electric Association**  
**Projected Property & Real Estate Tax Recovery Factor**  
**For the Twelve Months Ending December 31, 2015**

Schedule A4-1

(A)	(B)	(C)	
Estimated 2015 Real & Personal Property Taxes*		3,359,485	Schedule A4-3
Projected 2015 Recovery in Base Rates		<u>(3,015,261)</u>	
Projected 2015 (Over) / Under-Recovery in Base Rates		344,224	
Cumulative True-Up (Over) / Under-Recovery at 12/31/2014		<u>155,135</u>	Schedule B3, Column B
Recoverable Balance for 2015		<u>\$ 499,359</u>	
Projected Calendar Year 2015 kWh Sales		<u>1,884,538,000</u>	
<b>Average Property &amp; Real Estate Tax Recovery</b>		<u><b>\$ 0.0003</b></u>	<b>per kWh</b>
<b>Note: See Schedule A4-2 for recovery factor by class detail</b>			

Month	Projected kWh Sales	Projected Property & Real Estate Tax Recovery
Jan-15	159,560,000	\$ 47,868
Feb-15	140,450,000	42,135
Mar-15	143,764,000	43,129
Apr-15	131,863,000	39,559
May-15	144,261,000	43,278
Jun-15	169,094,000	50,728
Jul-15	204,895,000	61,469
Aug-15	189,924,000	56,977
Sep-15	151,885,000	45,566
Oct-15	141,882,000	42,565
Nov-15	142,772,000	42,832
Dec-15	<u>164,188,000</u>	<u>49,256</u>
Total kWh Sales	1,884,538,000	\$ 565,362
Recoverable balance for 2015		<u>499,359</u>
<b>Net Projected Over / (Under) Recovery at 12/31/15</b>		<u><b>\$ 66,003</b></u>

\* Refers to 2014 taxes payable in 2015

**Dakota Electric Association**  
**Projected Property & Real Estate Tax Adjustment**  
**Allocation to Rate Classes Using Cost of Service Method**  
**For the Twelve Months Ending December 31, 2015**

Schedule A4-2

Class & Rate	Property & Real Estate Taxes in Rate Case	% Plant	Current Recoverable Balance	(Over)/Under Recovered 12/31/2014	Net Recoverable Balance	Forecasted kWh Sales 1/2015 -12/2015	Adjustment per kWh
A	B	C	D			E	F
Residential	\$2,168,593	70.92%	\$244,124	141,976	\$386,100	924,004,000	\$0.0004
31 Residential							
32 Resl Demand Control							
53 Resl Time of Day							
Irrigation	20,181	0.66%	2,272	3,120	5,392	11,452,000	0.0005
36 Irrigation							
37 Irrigation - Controlled							
Small General Service - 41	109,469	3.58%	12,323	8,363	20,686	51,512,000	0.0004
General Service	414,332	13.55%	46,642	(1,032)	45,610	458,879,000	0.0001
46 General Service							
49 Geothermal							
54 General Service Time of Day							
Interruptible Option - 70 & 71	274,591	8.98%	30,911	(3,318)	27,593	428,283,000	0.0001
Lighting	70,635	2.31%	7,952	6,026	13,978	10,408,000	0.0013
44 Street Lights							
44B Security Lights							
<b>TOTAL</b>	<b>\$3,057,802</b>	<b>100.00%</b>	<b>344,224</b>	<b>\$155,135</b>	<b>\$499,359</b>	<b>1,884,538,000</b>	<b>\$0.0003</b>

**Dakota Electric Association**  
**Property & Real Estate Taxes by Location**  
**Estimated 2014 Taxes Payable in 2015**

Schedule A4-3

**PERSONAL PROPERTY TAXES**

<u>Dakota County</u>	
Apple Valley / 196	\$ 518,744.86
Apple Valley / 191	5,508.82
Burnsville / 191	304,722.16
Burnsville / 194	42,812.44
Burnsville / 196	201,988.02
Burnsville Sub / 196 (Leased Land)	25,661.98
Burnscott Sub / 191 (Leased Land)	16,906.32
Eagan / 191	49,403.90
Eagan / 196	522,466.60
Eagan / 197	83,197.38
Pilot Knob Sub / 196 (Leased Land)	15,488.52
Eagan Sub / 196 Westcott (L.L.)	35,714.66
Farmington / 192	108,223.82
Hastings / 200	24,623.34
Inver Grove Heights / 199	21,096.14
Inver Grove Heights / 196	78,637.18
Lakeville / 196	69,985.98
Lakeville / 194	355,968.90
Lakeville / 192	46,549.28
Miesville / 200	2,054.66
New Trier / 200	108.22
Rosemount / 200	30.06
Rosemount / 196	60,868.64
<u>Scott County</u>	
Lake Marion Sub / 194 (Leased Land)	5,458.00
<u>Goodhue County</u>	
Cannon Falls Twp	5,374.00
Burnside Twp (Redwing)	20,466.00
<u>Great River Energy</u>	
Empire Sub / 192 Estimated	16,403.73
<u>Xcel Energy</u>	
Vermillion Sub / 192 Estimated	25,287.09
<b>Total Property Taxes</b>	<b>2,663,750.70</b>

**REAL ESTATE TAXES**

<u>Dakota County</u>	
Fischer Sub - Apple Valley / 196	\$ 51,396.14
Apple Valley Sub - Apple Valley / 196	29,720.86
Colonial Hills Sub - Burnsville / 191	34,497.22
Castle Rock Sub South	4,081.24
Castle Rock Sub North	45.18
Lemay Sub West - Eagan / 197	1,797.06
Lemay Sub East - Eagan / 197	30,068.96
Deerwood Sub - Eagan Sub / 196	23,766.96
Lebanon Hills Sub - Eagan / 196	13,424.04
Eagan Sub / 196	26,503.44
River Hills Sub - Eagan / 196	50,806.76
Yankee Doodle Sub - Eagan / 196	33,760.78
Farmington Sub / 192	2,851.70
Rich Valley Sub - Inver Grove / 196	1,637.54
Orchard Lake Sub - Lakeville / 194	19,139.36
Dakota Heights Sub - Lakeville / 194	21,342.26
Dodd Park Sub South - Lakeville / 194	328.98
Dodd Park Sub North - Lakeville / 194	21,626.08
Kenrick Sub - Lakeville / 194	33,048.78
Lakeville Sub / 196	18,477.88
Ritter Sub / 194	38,807.68
Hastings Sub/ 200	8,214.99
Nininger Sub / 200	21,496.84
Marshan Twp	12,625.84
Miesville Sub South / 200	8,730.66
Miesville Sub Noerthwest / 200	2,647.78
Headquarters Building **	160,938.18
<u>Goodhue County</u>	
Byllesby Sub - Cannon Falls Twp	6,306.00
Ravenna Sub	818.00
<u>MN Valley Electric</u>	
Burnscott Joint Sub Estimated	4,788.82
<u>Xcel Energy</u>	
Vermillion Sub / 192 Estimated	12,038.69
<b>Total Real Estate Taxes</b>	<b>\$ 695,734.70</b>

**GRAND TOTAL TAXES** **\$ 3,359,485.41**

***CONTAINS TRADE SECRET INFORMATION***

**Dakota Electric Association  
Energy Cost Adjustment  
For the Twelve Months Ending December 31, 2014**

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, 2014**

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, 2014**

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, 2014**

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, 2014**

Schedule B1

Page 5 of 5

**Trade Secret Data has been excised.**

***CONTAINS TRADE SECRET INFORMATION***

**Dakota Electric Association  
Power Cost Adjustment Projection  
2014 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, 2014**

Schedule B2

(A)	(B)	(C)	(D)
Month	Projected kWh Sales	Actual Billed kWh Sales	Resource Recovery @ 0.0001/kWh
Jan-14	162,509,000	166,433,059	16,643
Feb-14	141,060,000	161,133,434	16,113
Mar-14	144,748,000	150,245,130	15,025
Apr-14	133,243,000	132,451,285	13,245
May-14	146,542,000	137,555,137	13,756
Jun-14	167,810,000	148,253,680	14,825
Jul-14	209,158,000	168,987,884	16,899
Aug-14	191,366,000	185,344,322	18,534
Sep-14	153,039,000	173,417,593	17,342
Oct-14	143,900,000	136,653,663	13,665
Nov-14	143,249,000	133,778,019	13,378
Est. Dec-14	164,713,000	148,515,727	14,852
<b>Total kWh Sales</b>	<b>1,901,337,000</b>	<b>1,842,768,933</b>	
Actual DSM & Conservation Recovery			\$ 184,277
Less DSM & Conservation Additions in 2013			\$ 135,332
Over (Under) Recovery at December 31, 2014			\$ 48,945
Cumulative Over (Under) Recovery at December 31, 2013			\$ (29,074)
<b>Cumulative Over (Under) Recovery at December 31, 2014</b>			<b>\$ 19,871</b>

Schedule F, Column C+D+F  
 January 2014 RTA  
 Filing Schedule B2

**Dakota Electric Association**  
**Property & Real Estate Tax (Over)/Under Recovery**  
**Year Ended December 31, 2014**

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-13	74,514							
Jan-14	55,460	(19,054)	461	49,055	266,293	315,348	295,833	29,540
Feb-14	45,440	(10,020)	343	48,383	257,813	306,196	295,833	38,020
Mar-14	57,864	12,424	281	43,553	240,392	283,945	296,088	55,696
Apr-14	105,001	47,137	358	37,387	211,922	249,309	296,088	84,166
May-14	143,294	38,293	649	37,934	220,088	258,022	295,666	75,578
Jun-14	161,605	18,311	886	41,035	237,206	278,241	295,666	58,460
Jul-14	139,936	(21,669)	999	47,953	270,381	318,334	295,666	25,285
Aug-14	87,222	(52,714)	865	52,694	296,551	349,245	295,666	(885)
Sep-14	55,264	(31,959)	539	50,696	277,468	328,164	295,666	18,198
Oct-14	94,796	39,533	342	37,829	218,646	256,475	295,666	77,020
Nov-14	139,249	44,452	586	37,748	214,045	251,793	295,659	81,614
Dec-14	155,135	15,886	861	43,009	237,625	280,634	295,659	58,034
<b>Total</b>	<b>155,135</b>	<b>80,620</b>	<b>7,170</b>	<b>527,276</b>	<b>2,948,430</b>	<b>3,475,706</b>	<b>3,549,156</b>	<b>600,726</b>
						(= E + F)		(= H - F)

**Dakota Electric Association**  
**Projected kWh Sales & Usage**  
**For the Twelve Months Ending December 31, 2015**

Schedule C

(A) <b>KWH Sold</b>	(B)	(C)	(D)	(E)	(F)	(G)
	Historical Sales					Projected
	2010	2011	2012	2013	2014	2015
Jan	161,120,854	161,074,312	152,561,974	157,426,160	163,031,366	159,560,000
Feb	138,015,505	139,487,478	138,207,414	137,373,065	143,476,639	140,450,000
Mar	139,587,613	144,451,472	137,437,402	143,753,996	145,116,644	143,764,000
Apr	129,303,142	131,246,657	127,941,859	133,777,464	130,795,516	131,863,000
May	151,702,604	138,706,632	148,078,063	139,332,599	140,700,505	144,261,000
Jun	162,479,835	161,791,425	177,639,639	158,876,381	162,636,408	169,094,000
Jul	201,229,920	217,788,667	226,936,444	195,856,692	176,185,540	204,895,000
Aug	204,787,407	189,165,322	182,171,287	192,891,587	189,048,881	189,924,000
Sep	139,432,512	149,303,821	149,785,964	158,337,135	144,013,151	151,885,000
Oct	139,516,480	141,842,287	138,461,226	138,820,567	134,412,956	141,882,000
Nov	141,806,772	137,906,791	138,938,590	140,941,343	143,867,239	142,772,000
Dec	163,966,395	155,755,015	156,643,738	162,112,176	155,150,471	164,188,000
	1,872,949,039	1,868,519,879	1,874,803,600	1,859,499,165	1,828,435,316	1,884,538,000
# Increase/(Decrease)	49,732,526	(4,429,160)	6,283,721	(15,304,435)	(31,063,849)	56,102,684
% Increase	2.73%	-0.24%	0.34%	-0.82%	-1.67%	3.1%

(A) <b>Own Use</b>	(B)	(C)	(D)	(E)	(F)	(G)
	Historical Sales					Projected
	2010	2011	2012	2013	2014	2015
Jan	352,075	339,244	333,280	337,271	358,100	312,000
Feb	290,761	268,990	263,144	289,004	345,764	252,000
Mar	189,813	255,927	190,808	265,983	281,255	219,000
Apr	121,589	164,311	141,966	209,645	175,066	158,000
May	116,036	120,086	108,760	132,920	112,250	135,000
Jun	122,493	121,552	112,087	106,460	103,902	135,000
Jul	135,220	126,821	124,940	113,131	107,414	146,000
Aug	127,331	127,238	119,409	109,021	111,570	141,000
Sep	116,508	116,804	105,750	100,180	98,898	129,000
Oct	129,118	131,021	117,821	115,638	115,145	143,000
Nov	204,238	226,404	186,548	233,735	234,295	201,000
Dec	298,864	281,094	272,210	341,093	261,818	279,000
	2,204,046	2,279,492	2,076,723	2,354,081	2,305,477	2,250,000
# Increase/(Decrease)	(227,208)	75,446	(202,769)	277,358	(48,604)	(55,477)
% Increase	-9.35%	3.42%	-8.90%	13.36%	-2.06%	-2.4%

**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
2010	1,933,147,509	1,872,949,039	2,204,046	57,994,424	3.000%
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	1,828,435,316	2,305,477	56,620,848	3.000%
<b>Total</b>	<b>9,604,687,341</b>	<b>9,304,206,999</b>	<b>11,219,819</b>	<b>288,140,621</b>	<b>3.000%</b>

\* 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**

<b>Year</b>	<b>Conservation Expenditures *</b>	<b>Revenue</b>	<b>Conservation as % of Revenue</b>
2009	\$ 4,339,647	\$ 163,526,408	2.65%
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 Budget	\$ 3,604,000	\$ 199,945,000	1.80%
2014 Projection	\$ 3,687,000	\$ 196,782,000	1.87%
2015 Budget	\$ 3,718,000	\$ 206,212,000	1.80%

\* Conservation Expenditures include both DEA and GRE expenditures.

**Dakota Electric Association  
DSM/Conservation Tracker Account  
Year Ended December 31, 2013**

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-12	28,383						
Jan-13	(21,390)	32,767	176	-	(82,715)	142,222	(224,937)
Feb-13	(120,879)	32,767	(132)	-	(132,124)	87,101	(219,225)
Mar-13	(156,621)	32,767	(747)	-	(67,762)	132,227	(199,989)
Apr-13	(228,941)	32,767	(968)	-	(104,119)	88,472	(192,591)
May-13	(101,242)	32,767	(1,416)	-	96,348	290,360	(194,012)
Jun-13	(108,044)	32,767	(626)	-	(38,942)	159,678	(198,620)
Jul-13	(159,803)	32,767	(668)	-	(83,858)	167,896	(251,755)
Aug-13	(225,612)	32,767	(988)	-	(97,588)	166,047	(263,634)
Sep-13	(332,998)	32,767	(1,395)	-	(138,758)	123,828	(262,586)
Oct-13	(377,012)	32,767	(2,059)	-	(74,723)	129,507	(204,230)
Nov-13	(416,565)	32,767	(2,331)	-	(69,988)	118,572	(188,560)
Dec-13	163,715	32,767	(2,576)	-	550,088	757,170	(207,082)
Annual Total		393,204	(13,730)	-	(244,142)	2,363,079	(2,607,221)

(= G + H)

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

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-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	287,116	(187,289)
Est Dec-14	(50,397)	32,767	33	(14,852)	(73,693)	134,229	(207,922)
Annual Total		393,204	(4,352)	(184,277)	(418,687)	2,161,190	(2,579,877)

(= G + H)

DAKOTA ELECTRIC ASSOCIATION  
Conservation Projects  
Eligible for Tracker Account Cost Recovery

		2013												
		Total	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
ACMAINT	Low Income A/C Tune-up	-	-	-	-	-	-	-	-	-	-	-	(4,025)	4,025
ACTUNEUP	Air Conditioning Tune-Up	2,340	(25)	33	1	26	1,566	406	(73)	94	87	51	126	48
AFFORD07	Affordable Housing Project	37,816	-	-	-	-	-	-	-	-	-	328	37,078	411
AUDC	Energy Audits - Commercial	7,998	185	842	816	407	986	919	573	393	1,061	593	629	593
AUDLOW	Low Income Audit Program	3,373	43	244	21	445	452	187	55	100	308	349	(8,723)	9,892
AUDR	Energy Audits - Residential	25,274	1,472	1,594	3,119	2,032	2,125	2,763	2,135	973	2,365	3,281	1,569	1,846
CACCI	Cycled Air - C&I	8,563	-	50	136	1,764	1,212	3,099	665	301	1,226	12	-	98
CACRES	Cycled Air - Residential	161,186	2,640	2,350	3,930	2,764	10,905	11,649	11,346	11,940	37,460	10,905	7,341	5,501
CFLRES	Compact Fluorescent Lighting	2,897	85	298	244	182	1,221	91	79	55	87	35	160	360
CIGRANT	Energy Grant	892,998	16,055	11,338	26,607	17,153	126,920	44,109	40,230	16,021	11,216	24,618	33,154	525,579
CIGROUP	C&I Energy Group	9,622	115	693	1,233	2,642	4,177	16	54	145	-	268	141	137
CINEWS	C&I Newsletter "Cooperation"	863	9	-	-	-	-	-	-	-	853	-	-	-
CIPLAN	New Construction Plan Review	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRC	Circuits - DSM	97,267	8,403	8,479	7,949	9,180	8,408	8,096	8,362	8,293	7,866	8,235	5,399	8,597
CUSTCARE/CUSTRI	Load Management Tracking System	-	-	-	-	-	-	-	-	-	-	-	-	-
E3TRAIN	Energy Efficiency Training & Education	34,380	2,329	2,085	4,303	5,579	4,402	2,171	2,368	1,449	2,762	3,893	1,861	1,178
ECMMOTOR	Electron-Commutated Motor	33,722	1,563	1,000	994	806	564	403	277	586	624	806	10,259	15,839
EDUD	Education & Training - DSM	126	-	-	-	-	-	-	-	126	-	-	-	-
EIL	Energy Intelligent Lifestyle	50,555	2,452	5,562	4,091	4,176	5,262	3,374	3,358	4,496	5,250	4,367	3,473	4,692
EILPROD	Energy Intelligent Lifestyle-Products	24,189	887	1,740	2,182	2,010	2,101	2,165	3,250	1,477	1,763	1,271	1,485	3,858
ELECCAR	Electric Car	5,686	229	213	244	282	205	583	744	574	366	583	750	913
ELECHEAT	Electric Heat	32,039	2,716	3,613	3,404	2,986	1,069	1,221	771	127	2,591	2,720	4,126	6,694
ENERGYEFFAV	Energy Efficiency - Apple Valley	-	-	-	-	-	-	-	-	-	-	-	-	-
ENERGYEFFBV	Energy Efficiency - Burnsville	-	-	-	-	-	-	-	-	-	-	-	-	-
ESTAR	Energy Star	3,387	-	1,129	-	-	-	-	1,129	-	-	-	-	1,129
ETSCABLE	ETS Cable	2,779	24	107	145	-	-	-	-	-	2,214	195	94	-
EWEXPO	Energy Wise Expo	24,565	-	-	1,439	725	-	76	67	1,487	3,045	16,477	1,115	135
EXCOMMIG	ExpressCom Migration	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRSHOW	Fairs & Shows	23,981	204	24	637	2,773	1,742	52	8,354	9,915	143	136	-	-
FRECYCLE	Fluorescent Lamp Recycling	13,016	-	185	-	-	-	-	-	-	-	-	-	12,831
FREEZER	Energy Star Freezer	2,057	331	(356)	519	104	191	108	60	83	52	78	505	382
GENMT	Generator Maint & Testing	21,347	867	1,924	134	189	2,669	2,597	2,213	2,535	2,333	449	4,712	727
GPUMP	Geothermal Heat Pumps	2,494	1,745	217	588	-	381	119	135	-	-	-	135	(825)
GPUMPRES	Geothermal Heat Pumps-Residential	6,496	297	394	263	241	58	300	148	269	140	263	3,894	228
HIEFF	High Efficiency A/C Rebates	187,660	3,535	228	2,502	373	8,503	34,996	29,393	24,003	27,198	17,788	18,470	20,671
HPUMP	Heat Pumps - Residential	48,271	2,132	2,951	7,848	2,543	2,789	4,839	3,225	2,136	6,536	2,180	4,078	7,012
IRRIG	Interruptible Irrigation	25,327	559	612	799	2,736	5,948	5,333	2,219	776	2,590	666	1,380	1,710
LEDLIGHTS	LED - Lights	3,645	14	672	18	225	199	104	83	116	147	43	471	1,550
LEDR&DPROJ	LED Roadway Lighting Pilot Project	-	-	-	-	-	-	-	-	-	-	-	-	116
LEDXMAS	LED - Holiday Lights	1,903	(3)	(680)	904	-	-	-	-	-	-	-	1,143	539
LIAIRCON	Low Income Central Air Condition Replace	-	-	-	-	-	-	-	-	-	-	-	-	-
LIASHP	Low Income Heat Pump Installation	-	-	-	-	-	-	-	-	-	-	-	-	-
LICLSWSHR	Low Income Clothes Washer	-	-	-	-	-	-	-	-	-	-	-	(14,560)	14,560
LIDEHUMID	Low Income Dehumidifier Units	-	-	-	-	-	-	-	-	-	-	-	(2,156)	2,156
LIDISH	Low Income Dishwashers	-	-	-	-	-	-	-	-	-	-	-	(13,650)	13,650
LIECM	Low Income Furnace Motor Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-
LIFREEZER	Low Income Freezer	-	-	-	-	-	-	-	-	-	-	-	(3,252)	3,252
LIGHTING	Energy Star Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMICRO	Low Income Microwave Ovens	-	-	-	-	-	-	-	-	-	-	-	(4,653)	4,653
LIRROOMAC	Low Income Room Air Conditioner	-	-	-	-	-	-	-	-	-	-	-	(702)	702
LIWARR	Low Income Warranty Repairs	-	-	-	-	-	-	-	-	-	-	-	-	125

DAKOTA ELECTRIC ASSOCIATION  
Conservation Projects  
Eligible for Tracker Account Cost Recovery

		2013												
		Total	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
LIWEATHER	Low Income Weatherization Program	-	-	-	-	-	-	-	-	-	-	-	-	-
LIWTRHTR	Low Income Water Heater	-	-	-	-	-	-	-	-	-	-	-	-	-
LOADCTRL	Load Control	125,673	23,617	21,442	5,346	5,254	45,821	12,547	26,034	23,531	(13,116)	13,107	11,196	(49,105)
PEAK	Peak Alert Rate 70	19,596	3,164	2,166	2,295	933	987	1,968	1,664	1,782	2,193	842	424	1,177
PLCMT/PLCMASTEI	Power Line Carrier DSM	114,630	50,850	7,124	6,920	2,739	4,736	7,953	8,146	6,058	2,625	3,821	7,509	6,148
REFRIGLOW	Low Income Refrigerator Replacements	2,625	149	149	276	255	372	266	262	168	308	218	(19,499)	19,701
REFRIGRECYCLE	Refrigerator with Recycling	-	-	-	-	-	-	-	-	-	-	-	-	-
REGD	Regulatory - DSM	130,624	2,146	884	28,947	3,755	28,749	201	195	30,854	154	1,291	644	32,804
RENEW	Optional Renewable Energy	1,788	-	-	-	-	-	-	-	-	-	-	-	1,788
RFGRCYC	Refrigerator Recycling	25,380	3,446	(1,011)	(142)	1,110	581	555	524	557	619	558	13,775	4,809
ROOMAC	Energy Star Room Air Conditioner	-	-	-	-	-	-	-	-	-	-	-	-	-
ROOMSTORG	Room Storage Electric Heat	2,210	287	138	180	-	57	523	-	-	333	171	27	494
SESCIP	School of Environmental Studies-CIP	-	-	-	-	-	-	-	-	-	-	-	-	-
STARHOME	Star Home Program	6,000	-	(500)	-	-	-	-	-	-	-	4,500	2,000	-
VMISERDEA	Vending Miser DEA customers	141	-	-	-	-	-	37	560	17	(541)	-	67	-
WARFZ	Working Appliance Recycling Freezer	1,582	31	94	238	95	234	121	73	49	52	43	127	425
WARRF	Working Appliance Recycling Refrigerator	4,557	31	95	263	312	529	499	376	205	269	191	946	843
WATERKIT	Residential Energy Saving Water Kits	-	-	-	-	-	-	-	-	-	-	-	-	-
WTRHTR	Water Heaters	72,766	4,853	4,190	8,048	6,886	9,452	442	4,056	9,566	5,861	2,951	6,583	9,877
	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	<b>2,363,079</b>	142,222	87,101	132,227	88,472	290,360	159,678	167,896	166,047	123,828	129,507	118,572	757,170

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

		2014											Est	
		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	9,645	1,529	415	900	1,321	836	860	510	529	1,022	570	624	527
AUDLOW	Low Income Audit Program	9,677	431	437	115	82	76	366	143	236	297	347	108	7,038
AUDR	Energy Audits - Residential	35,418	1,768	1,256	3,170	3,056	3,045	2,602	2,873	1,435	4,837	7,179	2,163	2,037
BLDCIP	Energy Audits - Residential	53,216	-	-	-	-	-	-	-	-	48,273	1,248	-	3,695
CACCI	Cycled Air - C&I	14,320	-	139	83	726	1,340	1,021	4,603	258	120	176	118	5,735
CACRES	Cycled Air - Residential	196,480	907	129	14,193	1,238	15,260	12,327	2,758	6,364	47,727	9,132	310	86,135
CFLRES	Compact Fluorescent Lighting	2,774	274	26	151	133	1,159	111	174	109	36	98	63	441
CIGRANT	Energy Grant	320,188	13,096	27,454	24,581	29,376	28,688	20,887	11,266	25,140	41,251	49,907	42,096	6,446
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	107,585	9,305	9,414	9,121	9,655	9,096	8,635	8,991	8,710	8,915	8,522	8,543	8,678
CUSTCARE/CUSTRE	Load Management Tracking System	-	-	-	-	-	-	-	-	-	-	-	-	-
DEHUMID	Energy Efficiency Training & Education	225	-	-	-	18	18	35	-	62	9	-	-	84
E3TRAIN	Energy Efficiency Training & Education	24,022	1,611	1,219	3,739	1,956	1,327	3,115	1,531	1,206	1,535	4,327	1,693	762
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	41,682	3,161	3,571	3,935	4,618	5,011	2,933	2,862	3,237	4,233	2,834	2,126	3,161
EILPROD	Energy Intelligent Lifestyle-Products	26,202	1,557	2,733	2,400	1,533	2,104	2,246	1,815	4,330	2,494	1,997	1,366	1,627
ELECCAR	Electric Car	8,624	515	429	884	3,134	(2,528)	1,538	841	671	1,286	690	630	534
ELECHEAT	Electric Heat	39,851	4,394	5,421	15,179	2,071	1,536	2,176	971	789	1,806	3,084	2,424	2
ENERGYEFFAV	Energy Efficiency - Apple Valley	-	-	-	-	-	-	-	-	-	-	-	-	-
ENERGYEFFBV	Energy Efficiency - Burnsville	-	-	-	-	-	-	-	-	-	-	-	-	-
ESTAR	Energy Star	2,301	1,201	-	-	-	-	-	1,100	-	-	-	-	-
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	22,101	88	424	1,143	861	82	589	7,537	9,721	-	84	144	1,427
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	159,732	3,940	1,107	1,551	5,589	12,239	19,142	38,654	18,691	25,283	13,803	8,571	11,162
HPUMP	Heat Pumps - Residential	49,534	2,116	3,504	10,644	2,450	2,699	4,592	2,992	2,044	5,179	2,074	2,611	8,630
HPWH	Heat Pumps - Residential	9	-	-	9	-	-	-	-	-	-	-	-	-
IRRIG	Interruptible Irrigation	28,241	448	568	2,680	2,204	7,252	5,274	3,690	2,032	1,520	862	542	1,169
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	-	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												Est
		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	-	-	-	-	-	-	-	-	-	-	-
LIWEATHER	Low Income Weatherization Program	-	-	-	-	-	-	-	-	-	-	400	(486)	86
LIWTRHTR	Low Income Water Heater	(86)	-	-	-	-	-	-	-	-	-	-	-	(86)
LOADCTRL	Load Control	144,987	26,069	46,140	(20,021)	6,214	30,998	32,843	30,090	27,408	(16,344)	12,646	184,715	(215,771)
PEAK	Peak Alert Rate 70	16,609	484	759	1,186	372	458	2,955	594	1,303	3,070	1,793	1,144	2,491
PLCMT/PLCMASTEI	Power Line Carrier DSM	128,721	28,806	6,291	30,638	7,124	5,230	5,342	4,924	4,522	3,775	3,342	2,694	26,034
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	109	-	-	-	-	-	-	-	-	-	-	-	109
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	500	-	5,000	(3,000)	(2,000)	-	-	2,500	(2,500)	-	-	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	87,845	5,003	4,649	27,486	4,455	3,452	10,485	4,197	10,920	5,195	6,610	3,581	1,812
	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	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>2,161,190</b>	<b>118,576</b>	<b>168,228</b>	<b>150,938</b>	<b>113,222</b>	<b>154,857</b>	<b>184,445</b>	<b>152,290</b>	<b>148,454</b>	<b>322,037</b>	<b>226,797</b>	<b>287,116</b>	<b>134,229</b>

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-13	160,669,639	0.0014	224,937	0.0000	0
Feb-13	156,589,123	0.0014	219,225	0.0000	0
Mar-13	142,849,544	0.0014	199,989	0.0000	0
Apr-13	137,564,850	0.0014	192,591	0.0000	0
May-13	138,580,059	0.0014	194,012	0.0000	0
Jun-13	141,871,744	0.0014	198,620	0.0000	0
Jul-13	179,824,682	0.0014	251,755	0.0000	0
Aug-13	188,310,327	0.0014	263,634	0.0000	0
Sep-13	187,561,295	0.0014	262,586	0.0000	0
Oct-13	145,878,388	0.0014	204,230	0.0000	0
Nov-13	134,685,629	0.0014	188,560	0.0000	0
Dec-13	147,915,540	0.0014	207,082	0.0000	0
	1,862,300,820		2,607,221		0
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

Dakota Electric Association  
**Energy Conservation Spending**  
**Year Ended December 31, 2014**

Program Name	2014 DEA+GRE Spending
<b>Residential</b>	
Air Conditioning Tune-Up	6,968
Air Source Heat Pump (ASHP) Residential	79,839
CFL Rebate	3,400
LED - Lights	38,601
LED - Holiday Lights	4,412
Energy Star Central Air Conditioner Rebate	363,382
Energy Star Freezer	5,806
Refrigerator with Recycling	55,320
Working Appliance Recycling Freezer	3,344
Working Appliance Recycling Refrigerator	6,960
Residential Ground Source Heat Pump (GSHP)	40,955
Interruptible Air Conditioning - Residential	274,255
Off-Peak Water Heating-ETS & PSWH	111,545
Off-Peak Space Heating-Dual Fuel	39,851
Low-Income Air Conditioner Tune-Up	6,480
Low Income Refrigerator Replacements	67,880
Low Income Clothes Washer	41,124
Low Income Dehumidifier Units	4,862
Low Income Dishwashers	40,275
Low Income Microwave Ovens	18,895
Low Income Room Air Conditioning	786
Low Income Freezer	21,360
Low Income Water Heater	400
Energy Intelligent Lifestyle - Energy Education	41,682
Energy Efficiency Training & Education	24,022
Electron-Commutated Motor	150,787
Electrical Evaluation & Consultation	35,418
Energy Star Partner	2,301
Low Income Audit	25,706
Fluorescent Bulb Recycling Program	13,395
Affordable Housing Project	76,116
Energy Wise New Home Construction	20,000
<b>Residential Subtotal</b>	<b>1,626,128</b>
<b>Commercial</b>	
Commercial Ground Source Heat Pump (GSHP)	1,757
C&I-A Energy Grant Program	1,006,495
C&I Electrical Eval & Consultation	9,645
Vending Miser	1,795
Interruptible Air Conditioning - C&I	14,320
<b>Commercial Subtotal</b>	<b>1,034,012</b>

<b>Total Energy Conservation Spending</b>	<b>\$ 2,660,140</b>
<b>Statutory Spending Requirement*</b>	<b>\$ 2,908,442</b>
<b>Percent of Requirement Devoted to Energy Conservation**</b>	<b>91%</b>

\*Statutory Spending Requirement equals 1.5% of 2013 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 13<sup>th</sup> day of January, 2015

**/s/ Corey Hintz**