

STATE OF MINNESOTA  
BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger  
David C. Boyd  
Nancy Lange  
Dan Lipschultz  
Betsy Wergin

Chair  
Commissioner  
Commissioner  
Commissioner  
Commissioner

In the Matter of the Application of  
DAKOTA ELECTRIC ASSOCIATION  
for Authority to Increase Rates  
for Electric Service in Minnesota

Docket No. E-111/GR-14-482  
July 2, 2014

**NOTICE AND PETITION FOR  
INTERIM RATES**

**A. Introduction**

Dakota Electric Association (“Dakota Electric” or “Cooperative”) submits to the Minnesota Public Utilities Commission (“MPUC” or the “Commission”) this Petition for Interim Rates (the “Petition”) for retail electric rates to members, pursuant to Minn. Stat. § 216B.16 subd. 3; the Commission’s Statement of Policy on Interim Rates dated April 14, 1982; and relevant Commission rules.

**B. Information Provided Pursuant to the Commission Statement of Policy on Interim Rates and Relevant Commission Rules**

1. Name, address, and telephone number of utility and attorney.  
(Policy Statement, Item 1, page 2)

Utility Filing for Rate Change:  
Dakota Electric Association  
4300 220th Street West  
Farmington, MN 55024  
651.463.6212

Representing Attorney:  
Harold P. LeVander, Jr.  
Felhaber Larson Fenlon & Vogt  
444 Cedar Street, Suite 2100  
St Paul MN 55101-2136  
651.312.6005

2. Date of filing and date proposed interim rates are requested to become effective.  
(Policy Statement, Item 2, page 2)

This Petition is filed July 2, 2014. The Petition is submitted as part of the Cooperative's Application for a General Electric Rate Increase (the "Application"), which is also being filed on July 2, 2014. Pursuant to Minn. Stat. § 216B.16, subd. 3, Dakota Electric requests, if the Commission suspends the operation of the general rate schedules that accompany the Application pursuant to Minn. Stat. § 216B.16, subd. 2, that the proposed interim rates be made effective with Cycle 1 billing in October 2014. (Cycle 1 billing reflects consumption occurring on and after September 11, 2014.) The interim rates will be subject to refund, pending final Commission determination on the general electric rate increase.

3. Description and need for interim rates.  
(Policy Statement, Item 3, page 2)

Dakota Electric proposes an interim rate increase of one and a half percent (1.5%), which will apply to retail rates as specified in the proposed Interim Rate Adjustment Rider. Interim rates are necessary because the Cooperative has experienced increasing costs of service as reflected in the Cooperative's general rate application. Dakota Electric is projecting minimal operating margin for calendar-year 2014. The proposed 1.5% interim rate increase is anticipated to be sufficient to maintain positive annual margins in 2014 and during the pendency of this case. We calculated the proposed interim rates consistent with Commission requirements and precedent. Specifically, when determining the interim rate request, the overall rate of return ("ROR") requested for interim rates for Dakota Electric uses the present average cost of long-term debt and the return on equity previously authorized by the Commission in Dakota Electric's last rate case (Docket No. E-111/GR-09-175). The proportion of each component and the factor to adjust the weighted cost of capital to establish return on rate base is also consistent with the numbers approved in the final order from our last general rate case. Overall, this adjustment results in an interim revenue deficiency of \$5,130,994 or about 2.58 percent, which is greater than the requested interim increase of 1.5% and greater than the overall increase of about 2.1% requested in this proceeding.

4. Description and corresponding dollar amount of changes included in interim rates as compared with most current approved general rate case and with the most recent year for which audited data is available.  
(Policy Statement, Item 4, page 2)

A comparison of the Interim Petition and Application revenue deficiencies is attached to this Petition. The difference in the two calculations relates to the overall rate of return. The Application calculates a ROR of 6.52%, while the Interim Petition uses a 7.07% percent ROR calculated as follows:

Component	Proportion	Cost Rate	Weighted Cost
Long-Term Debt	55.39%	5.31%	2.94%
Return on Equity	44.61%	6.26%	2.79%
Weighted Cost of Capital	100%		5.73%
Return on Rate Base		1.233	7.07%

In any event, Dakota Electric is requesting an interim revenue increase below the revenue deficiency identified in both the Application and Interim Petition calculations.

5. Effect of the interim rates expressed in gross revenue dollars and as a percentage of test year gross revenues.  
(Policy Statement, Item 5, page 2).

The test year for Dakota Electric's general rate increase filing is the historical 2013 calendar year adjusted for known and measurable changes. Dakota Electric requests an interim rate adjustment that will increase Dakota Electric's base rate (distribution) revenues by about \$2,982,432 or 1.5 percent above the test year gross revenues. This interim rate adjustment will be uniformly billed as a 1.5 percent increase on the subtotal of members' bills. As noted, this interim increase is below the possible interim increase of \$5,130,994 calculated according to Commission requirements and precedent for interim adjustments. The proposed Interim Tariff clause describes the interim rate increase and is consistent with the application of interim rates approved by the Commission in Dakota Electric's last general rate case (Docket No. E-111/GR-09-175). We have further refined that explanation by developing an Interim Rate Surcharge Rider, which lists those charges to which the interim rate increase applies and a list of those rates to which the interim rate increase does not apply. This Rider is identical to the Rider approved by the Commission in our last general rate case. Dakota Electric proposes that a uniform percentage be applied to all of the base rate elements listed in the Interim Rate Surcharge Rider, with such interim revenue being used to support our distribution operations. That is, Dakota Electric proposes to continue all present charges, including the RTA, and apply the 1.5 percent interim adjustment to the subtotal of such charges.

6. Certification by Chief Executive Officer.  
(Policy Statement, Item 6, page 2)

This Petition contains a certificate signed by Greg Miller, President and CEO, Dakota Electric Association, affirming that this interim rate Petition complies with Minnesota Statutes and is attached to this petition.

7. Methods and procedures for refunding.

Pursuant to Minn. Stat. § 216B.16, subd. 3, Dakota Electric's Agreement and Undertaking to make appropriate refunds if required is contained in the Application.

8. Signature and title of the utility officer authorizing the proposed interim rates. (Policy Statement, Item 7, page 2)

The Petition is signed on behalf of Dakota Electric by Greg Miller, President and CEO, Dakota Electric Association.

9. Supporting schedules and workpapers.  
(Policy Statement, Items 1-4, page 3)

The supporting documentation described in the Commission's Policy Statement is included with this Petition and Application. These schedules include the rate base amounts; income statement amounts; revenue deficiencies; rates of return required for interim rates as compared to the same information for Dakota Electric's general rate increase Application.

10. Interim rate schedules, Revenue rate comparisons.  
(Minn. R. 7825.3600)

A summary of the revenue increases under present and proposed interim rates for all customer classes is included in this Petition. The rate schedules containing proposed interim rates are also included with this Petition. Consistent with Minn. Stat. § 216B.16, subd. 3, no change has been made in the existing rate design. A uniform percentage equal to the proposed interim rate increase needed to recover the interim revenue deficiency from base rates has been applied to all billing components as described in the Interim Rate Adjustment Rider.

11. Customer Notice.  
(Minn. R. 7829.2400, subpt. 3; Minn. Stat. § 216B.16, subd. 1)

Pursuant to Minn. R. 7829.2400, subpt. 3, and Minn. Stat. § 216B.16, subd. 3, Dakota Electric proposes to send a notice to its members and to the counties and municipalities in our service area. In addition, Dakota Electric will publish a display advertisement in the newspapers of general circulation in Dakota County. Pursuant to Minn. Stat. § 216B.16, subd. 1, the proposed notice to consumers, counties and municipalities is included in this filing and can be found in the transmittal information in the Application.

12. Interim Bills.

The Commission's Policy Statement on Interim Rates suggests that changes in interim rates be shown on customer bills as a separate line item "if practical." The interim rate amount will be shown as a separate line item stated as "Interim Rate Adjustment," and will reflect the total amount of the interim charge applied to the bill.

**C. Conclusion**

Dakota Electric respectfully requests, if the Commission suspends the operation of the general rate schedules that accompany the Application pursuant to Minn. Stat. 216B.16, subd. 2, that the proposed interim rates be made effective with Cycle 1 billings in October 2014, subject to refund, pending final Commission action on the Cooperative's

general electric rate increase Application. (Cycle 1 billing reflects consumption occurring on and after September 11, 2014.)

Dated: July 2, 2014

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Greg Miller". The signature is written in a cursive style with a large initial "G" and "M".

Greg Miller  
President & CEO, Dakota Electric Association

**Interim Exhibits**

**Statement of Operations**  
**Present Rates**  
**Test Year - 2013 Historical Adjusted**

(a) <b>Line No.</b>	(b) <b>Description</b>	(c) <b>2013 Actual</b>	(d) <b>Adjustments <sup>1</sup></b>	(e) <b>Pro Forma Test Year</b>
1	<b>Operating Revenue</b>	(\$)	(\$)	(\$)
2	Rate Schedules	193,604,527	5,267,594	198,872,121 <sup>2</sup>
3	Other	291,627	400,499	692,126
4	<b>Total Operating Revenue</b>	193,896,154	5,668,093	199,564,247
5	<b>Operating Expenses</b>			
6	Cost of Purchased Power	144,652,939	5,329,122	149,982,061 <sup>3</sup>
7	Transmission - O & M	-		-
8	Distribution - Operation	6,795,123	589,479	7,384,602
9	Distribution - Maintenance	5,884,708	429,522	6,314,230
10	Consumer Accounts	4,214,264	101,354	4,315,618
11	Consumer Service & Information	3,288,198	(94,831)	3,193,367
12	Sales	-		-
13	Administrative & General	9,361,904	130,236	9,492,140
14	Depreciation & Amortization	8,419,183	78,749	8,497,932
15	Taxes - Property	3,521,344	179,106	3,700,450
16	Taxes - Other	-		-
17	Other Interest Expense	283,445		283,445
18	Other Deductions	(168,628)	(33,913)	(202,541)
19	<b>Total Operating Expenses (Before Long Term Interest)</b>	186,252,480	6,708,824	192,961,304
20	<b>Net Operating Income (Before Long Term Interest)</b>	7,643,674	(1,040,731)	6,602,943

<sup>1</sup> The operating expense adjustments are summarized on pages 2 through 10 of Exhibit\_\_(DEA-1).

<sup>2</sup> See pages 12 through 19 of Exhibit\_\_(DEA-1) for Pro Forma Test Year Revenue.

<sup>3</sup> See page 20 of Exhibit\_\_(DEA-1) for Pro Forma Test Year Purchased Power expense.

**Summary of Consumers, Energy Sales, and  
Revenue Under Present Rates**  
(Continued)

**II. Consumer and Sales Data for Pro Forma Test Year**

(a)	(b)	(c)	(d)	(e)	(f)
<b>Line No.</b>	<b>Description</b>	<b>2014 Budget Avg No. Cons. <sup>1</sup></b>	<b>Energy Sales <sup>2</sup> (kWh)</b>	<b>Billing Demand <sup>2</sup> (kW)</b>	<b>Revenue <sup>3</sup> (\$)</b>
1	Residential & Farm Service (31)	95,586	879,773,544	N.A.	113,330,908
2	Residential & Farm Demand Control (32)	18	442,584	1,158.8	48,617
3	Electric Vehicle (33)	5	13,080	N.A.	1,037
4	Irrigation Service (36) Firm	9	273,780	2,704.2	69,220
5	Irrigation Service (36) Interruptible	340	10,342,800	61,855.0	904,565
6	Small General Service (41)	4,630	53,504,280	N.A.	6,767,752
7	Security Lighting Service (44)	1,214	714,480	N.A.	158,673
8	Street Lighting Service (44-2)	2,480	2,599,800	N.A.	494,127
9	Street Lighting System (44-1)	474	484,680	N.A.	66,583
10	Custom Residential Street Lighting (44-3)	11,944	6,566,880	N.A.	1,272,737
11	Low Wattage Unmetered Service (45)	54	-	N.A.	5,184
12	General Service (46)	2,316	446,839,776	1,394,678.8	47,284,619
13	Municipal Civil Defense Sirens (47)	65	-	N.A.	3,900
14	Geothermal Heat Pump (49)	5	387,300	N.A.	32,921
15	Controlled Energy Storage (51)	1,346	9,529,680	N.A.	404,057
16	Controlled Interruptible Service (52)	6,648	46,828,512	-	2,481,912
17	Residential & Farm Time of Day (53)	19	246,468	N.A.	31,553
18	General Service Time of Day (54)	8	4,934,016	23,268.5	455,726
19	Standby Service (60)	1	-	-	56,550
20	Full Interruptible Service (70)	211	408,431,856	925,439.3	24,579,461
21	Partial Interruptible Service (71)	28	26,293,344	115,434.9	1,921,760
22	Cycled Air Conditioning Service (80)	39,480	5,666,000	N.A.	(1,539,168)
23	Wellspring				39,427
24	<b>Total <sup>4</sup></b>	103,171	1,898,206,860	2,524,539.5	198,872,121
25	Actual Revenue Recorded 2013				193,604,527
26	Adjustment				5,267,594

<sup>1</sup> Pro Forma Test Year consumers are based on DEA's average number of 2014 budgeted consumers.

<sup>2</sup> Energy Sales are based on average monthly sales using 5 years of history multiplied by average budgeted 2014 number of customers. See Workpaper 13.

<sup>3</sup> See pages 13 through 19.

<sup>4</sup> The total number of consumers excludes Security, Street & Residential Lighting, Low Wattage Unmetered Service, Municipal Civil Defense Sirens, Controlled Off-Peak Energy Storage, Interruptible Heating, and Controlled Air Conditioning Service.



**Determination of Revenue  
Requirements - Summary**

(a) <b>Line No.</b>	(b) <b>Description</b>	(c) <b>2013 Actual</b>	(d) <b>Present Rates Pro Forma Test Year</b>	(e) <b>Pro Forma Test Year Interim</b>
<b>Financial Results From Rates</b>		(\$)	(\$)	(\$)
1	Total Revenue <sup>1</sup>	193,896,154	199,564,247	199,564,247
2	Operating Expense <sup>1</sup>	186,252,480	192,961,304	192,961,304
3	Net Operating Income (before interest expense) <sup>2</sup>	7,643,674	6,602,943	6,602,943
4	Capital Credits <sup>3</sup>	8,694,772	8,694,772	8,694,772
5	Other Non-Operating Income <sup>3</sup>	399,147	399,147	399,147
6	Total Margin (before interest expense) <sup>4</sup>	16,737,593	15,696,862	15,696,862
<b>Required Increase (Decrease) --ROR Objective</b>				
7	Operating Expense (excluding interest) <sup>1</sup>	186,252,480	192,961,304	192,961,304
8	Margin Requirements			
9	Rate Base <sup>5</sup>	171,613,635	171,613,635	171,613,635
10	Rate of Return <sup>6</sup>	6.52%	6.52%	7.07%
11	Required Return <sup>7</sup>	11,191,322	11,191,322	12,133,084
12	Less: Non-Operating Income <sup>3</sup>	399,147	399,147	399,147
13	Net Operating Income Required <sup>8</sup>	10,792,175	10,792,175	11,733,937
14	Total Revenue Requirements <sup>9</sup>	197,044,655	203,753,479	204,695,241
15	Revenue Present Rates			
16	Tariff Revenue <sup>1</sup>	193,604,527	198,872,121	198,872,121
17	Other Operating Revenue <sup>1</sup>	291,627	692,126	692,126
18	Total Revenue <sup>10</sup>	193,896,154	199,564,247	199,564,247
19	Required Increase (Decrease) <sup>11</sup>	3,148,501	4,189,232	5,130,994
20	Percent Increase (Decrease) <sup>12</sup>	1.63	2.11	2.58

<sup>1</sup> See Exhibit\_\_(DEA-1).

<sup>2</sup> Line 1 minus Line 2.

<sup>3</sup> See Workpaper 1.

<sup>4</sup> Line 3 plus Line 4 plus Line 5.

<sup>5</sup> See Exhibit\_\_(DEA-2), page 2.

<sup>6</sup> See Exhibit\_\_(DEA-2), page 8.

<sup>7</sup> Line 9 times Line 10.

<sup>8</sup> Line 11 minus Line 12.

<sup>9</sup> Line 7 plus Line 13.

<sup>10</sup> Line 16 plus Line 17.

<sup>11</sup> Line 14 minus Line 18.

<sup>12</sup> Line 19 divided by Line 16.

**Rate Base**

(a)	(b)	(c)
<b>Line No.</b>	<b>Description</b>	<b>Proposed Pro Forma Test Year</b>
		(\$)
1	Utility Plant in Service <sup>1</sup>	259,168,736
2	Construction Work in Progress <sup>1</sup>	5,053,958
3	Less: Accumulated Provision for Deprec. <sup>1</sup>	104,266,354
4	Net Plant <sup>1</sup>	159,956,340
5	Materials & Supplies - Electric <sup>2</sup>	5,229,359
6	Working Capital <sup>3</sup>	6,987,282
7	Subtotal	12,216,641
8	Less: Consumer Deposits <sup>1</sup>	559,346
9	<b>Total Rate Base</b>	<b>171,613,635</b>

<sup>1</sup> December 31, 2013 Form 7 amount. See Workpaper 1.

<sup>2</sup> Thirteen - month average. See Exhibit\_\_(DEA-2), page 3.

<sup>3</sup> Per Lead Lag Study, Exhibit\_\_(DEA- 9).

**Rate Base Calculations  
Materials & Supplies**

(a) <b>Line No.</b>	(b) <b>Month</b>	(c) <b>Materials &amp; Supplies Electric <sup>1</sup></b>
		(\$)
1	Dec 2012	4,159,614
2	Jan 2013	4,458,438
3	Feb 2013	4,461,285
4	Mar 2013	5,042,583
5	Apr 2013	5,806,197
6	May 2013	5,984,455
7	Jun 2013	5,772,141
8	Jul 2013	5,816,554
9	Aug 2013	5,530,306
10	Sep 2013	5,652,840
11	Oct 2013	5,228,163
12	Nov 2013	5,026,491
13	Dec 2013	5,042,605
14	<b>Total</b>	<b>67,981,672</b>
15	<b>13 - Month Average</b>	<b>5,229,359</b>

<sup>1</sup> Inventory accounts 13110 through 13320 from December 31, 2013 year end General Ledger.

**Summary of Consumers, Energy Sales, and  
Revenue Under Interim Rates**  
(Continued)

**II. Consumer and Sales Data for Pro Forma Test Year**

(a)	(b)	(c)	(d)	(e)	(f)
<b>Line No.</b>	<b>Description</b>	<b>2014 Budget Avg No. Cons. <sup>1</sup></b>	<b>Energy Sales <sup>2</sup></b> (kWh)	<b>Billing Demand <sup>2</sup></b> (kW)	<b>Interim Revenue <sup>3</sup></b> (\$)
1	Residential & Farm Service (31)	95,586	879,773,544	N.A.	115,030,872
2	Residential & Farm Demand Control (32)	18	442,584	1,158.8	49,346
3	Electric Vehicle (33)	5	13,080	N.A.	1,053
4	Irrigation Service (36) Firm	9	273,780	2,704.2	70,258
5	Irrigation Service (36) Interruptible	340	10,342,800	61,855.0	918,133
6	Small General Service (41)	4,630	53,504,280	N.A.	6,869,268
7	Security Lighting Service (44)	1,214	714,480	N.A.	161,053
8	Street Lighting Service (44-2)	2,480	2,599,800	N.A.	501,539
9	Street Lighting System (44-1)	474	484,680	N.A.	67,582
10	Custom Residential Street Lighting (44-3)	11,944	6,566,880	N.A.	1,291,828
11	Low Wattage Unmetered Service (45)	54	-	N.A.	5,262
12	General Service (46)	2,316	446,839,776	1,394,678.8	47,993,888
13	Municipal Civil Defense Sirens (47)	65	-	N.A.	3,900
14	Geothermal Heat Pump (49)	5	387,300	N.A.	33,415
15	Controlled Energy Storage (51)	1,346	9,529,680	N.A.	410,118
16	Controlled Interruptible Service (52)	6,648	46,828,512	-	2,519,141
17	Residential & Farm Time of Day (53)	19	246,468	N.A.	32,026
18	General Service Time of Day (54)	8	4,934,016	23,268.5	462,562
19	Standby Service (60)	1	-	-	57,398
20	Full Interruptible Service (70)	211	408,431,856	925,439.3	24,948,153
21	Partial Interruptible Service (71)	28	26,293,344	115,434.9	1,950,586
22	Cycled Air Conditioning Service (80)	39,480	5,666,000	N.A.	(1,562,256)
23	Wellspring				39,427
24	<b>Total <sup>4</sup></b>	103,171	1,898,206,860	2,524,539.5	201,854,553
25	Actual Revenue Recorded 2013				193,604,527
26	Adjustment				8,250,026

<sup>1</sup> Pro Forma Test Year consumers are based on DEA's average number of 2014 budgeted consumers.

<sup>2</sup> Energy Sales are based on average monthly sales using 5 years of history multiplied by average budgeted 2014 number of customers. See Workpaper 13.

<sup>3</sup> See pages 13 through 19.

<sup>4</sup> The total number of consumers excludes Security, Street & Residential Lighting, Low Wattage Unmetered Service, Municipal Civil Defense Sirens, Controlled Off-Peak Energy Storage, Interruptible Heating, and Controlled Air Conditioning Service.

**Summary of Consumers, Energy Sales, and  
Revenue Under Interim Rates**  
(Continued)

**III. Estimate of Revenue Under Present Rates**

<b>Rate Class</b>	<b>Billing</b>		<b>Rate</b>	<b>Revenue</b>
	<b>Determinants</b>	<b>Units</b>		
<b><u>Residential &amp; Farm Service (31)</u></b>				(\$)
Fixed Charge	95,586	cons.	\$8.00	9,176,256
Energy Charge	879,773,544	kWh		
Summer	241,222,599	kWh	\$0.11544	27,846,737
Other	638,550,945	kWh	\$0.10144	64,774,608
RTA Charge <sup>1</sup>	879,773,544	kWh	\$0.01320	11,613,011
Controlled Water Heater Credit	1,107	units	(\$6.00)	(79,704)
			Subtotal	113,330,908
Interim Rate Adjustment			1.5%	1,699,964
			Total	<u>115,030,872</u>
<b><u>Residential &amp; Farm Demand Control (32)</u></b>				
Fixed Charge	18	cons.	\$11.00	2,376
Demand Charge	1,158.8	kW		
Summer	261.9	kW	\$12.90	3,379
Other	896.9	kW	\$9.30	8,341
Energy Charge	442,584	kWh	\$0.06480	28,679
RTA Charge <sup>1</sup>	442,584	kWh	\$0.01320	5,842
			Subtotal	48,617
Interim Rate Adjustment			1.5%	729
			Total	<u>49,346</u>
<b><u>Irrigation Service (36)</u></b>				
Firm Service				
Fixed Charge	9	cons.	\$24.00	2,592
Demand Charge	2,704.2	kW		
Summer	1,240.5	kW	\$23.80	29,524
Winter	0.6	kW	\$18.90	11
Other	1,463.1	kW	\$14.00	20,483
Energy Charge	273,780	kWh	\$0.04767	13,051
RTA Charge <sup>1</sup>	273,780	kWh	\$0.01300	3,559
			Subtotal	69,220
Interim Rate Adjustment			1.5%	1,038
			Total	<u>70,258</u>
Interruptible Service				
Fixed Charge	340	cons.	\$24.00	97,920
Demand Charge	61,855	kW	\$4.05	250,513
Energy Charge	10,342,800	kWh	\$0.04767	493,041
RTA Charge <sup>1</sup>	10,342,800	kWh	\$0.00610	63,091
			Subtotal	904,565
Interim Rate Adjustment			1.5%	13,568
			Total	<u>918,133</u>

<sup>1</sup> 2014 applied RTA.

**Summary of Consumers, Energy Sales, and  
Revenue Under Present Rates**  
(Continued)

**III. Estimate of Revenue Under Present Rates**

Rate Class	Billing Determinants	Units	Rate	Revenue (\$)
<b><u>Small General Service (41)</u></b>				
Fixed Charge	4,630	cons.	\$10.00	555,600
Energy Charge	53,504,280	kWh		
Summer	12,998,758	kWh	\$0.11363	1,477,049
Other	40,505,522	kWh	\$0.09963	4,035,565
RTA Charge <sup>1</sup>	53,504,280	kWh	\$0.01310	700,906
Controlled Water Heater Credit	19	units	(\$6.00)	(1,368)
			Subtotal	6,767,752
Interim Rate Adjustment			1.5%	101,516
			Total	<u>6,869,268</u>
<b><u>Security Lighting Service (44)</u></b>				
175 W MV	302	lights	\$11.96	43,343
100 W HPS	872	lights	\$9.45	98,885
150 W HPS	12	lights	\$11.04	1,590
250 W HPS	28	lights	\$14.23	4,781
RTA Charge <sup>1</sup>	714,480	kWh	\$0.01410	10,074
			Subtotal	158,673
Interim Rate Adjustment			1.5%	2,380
			Total	<u>161,053</u>
<b><u>Street Lighting Service (44-2)</u></b>				
175 W MV	13	lights	\$14.11	2,201
250 W MV	6	lights	\$16.59	1,194
400 W MV	4	lights	\$20.78	997
100 W HPS	55	lights	\$11.60	7,656
150 W HPS	699	lights	\$13.19	110,638
250 W HPS	1,702	lights	\$16.38	334,545
400 W HPS	1	lights	\$19.92	239
RTA Charge <sup>1</sup>	2,599,800	kWh	\$0.01410	36,657
			Subtotal	494,127
Interim Rate Adjustment			1.5%	7,412
			Total	<u>501,539</u>

<sup>1</sup> 2014 applied RTA.

**Summary of Consumers, Energy Sales, and  
Revenue Under Present Rates**  
(Continued)

**III. Estimate of Revenue Under Present Rates**

Rate Class	Billing Determinants	Units	Rate	Revenue (\$)
<b><u>Street Lighting System (44-1)</u></b>				
175 W MV		7 lights	\$9.44	793
250 W MV		- lights	\$11.93	0
400 W MV		- lights	\$16.11	0
100 W HPS		4 lights	\$6.93	333
150 W HPS		99 lights	\$8.53	10,134
200 W HPS		151 lights	\$10.18	18,446
250 W HPS		198 lights	\$11.72	27,847
400 W HPS		12 lights	\$15.25	2,196
RTA Charge <sup>1</sup>		484,680 kWh	\$0.01410	6,834
			Subtotal	66,583
Interim Rate Adjustment			1.5%	999
			Total	<u>67,582</u>
<b><u>Custom Residential Street Lighting (44-3)</u></b>				
175 W MV		4 lights	\$10.28	493
50 W HPS		90 lights	\$6.36	6,869
100 W HPS		8,294 lights	\$7.77	773,333
150 W HPS		3,555 lights	\$9.36	399,298
250 W HPS		1 lights	\$12.55	151
RTA Charge <sup>1</sup>		6,566,880 kWh	\$0.01410	92,593
			Subtotal	1,272,737
Interim Rate Adjustment			1.5%	19,091
			Total	<u>1,291,828</u>

<sup>1</sup> 2014 applied RTA.

**Summary of Consumers, Energy Sales, and  
Revenue Under Present Rates**  
(Continued)

**III. Estimate of Revenue Under Present Rates**

Rate Class	Billing Determinants	Units	Rate	Revenue (\$)
<b><u>Low Wattage Unmetered Service (45)</u></b>				
Fixed Charge		54 cons.	\$8.00	5,184
Interim Rate Adjustment			1.5%	78
			Total	<u>5,262</u>
<b><u>General Service (46)</u></b>				
Fixed Charge	2,316	cons.	\$28.00	778,176
Demand Charge	1,394,678.8	kW		
Summer	384,315.8	kW	\$11.75	4,515,711
Other	1,010,363.0	kW	\$8.65	8,739,640
Energy Charge				
First 200 kWh/kW	257,761,683	kWh	\$0.06637	17,107,643
Next 200 kWh/kW	156,698,120	kWh	\$0.05637	8,833,073
Over 400 kWh/kW	32,379,973	kWh	\$0.04637	1,501,459
Discounts				
Primary Voltage			(\$0.15)	
Primary Metering			(2.00%)	
RTA Charge <sup>1</sup>	446,839,776		\$0.01300	<u>5,808,917</u>
			Subtotal	47,284,619
Interim Rate Adjustment			1.5%	709,269
			Total	<u>47,993,888</u>
<b><u>Municipal Civil Defense Sirens (47)</u></b>				
Fixed Charge		65 cons.	\$5.00	3,900
<b><u>Geothermal Heat Pump (49)</u></b>				
Energy Charge	387,300	kWh	\$0.06000	23,238
RTA Charge <sup>1</sup>	387,300	kWh	\$0.02500	<u>9,683</u>
			Subtotal	32,921
Interim Rate Adjustment			1.5%	494
			Total	<u>33,415</u>
<b><u>Controlled Off-Peak Space &amp; Energy Storage (51)</u></b>				
Energy Net Charge - Rate 31	9,349,243	kWh		
Summer	1,640,935	kWh	\$0.04000	65,637
Other	7,708,308	kWh	\$0.04000	308,332
Energy Charge - Rate 41	102,330	kWh		
Summer	7,425	kWh	\$0.04000	297
Other	94,905	kWh	\$0.04000	3,796
Energy Charge - Rate 46	78,107	kWh	\$0.04000	3,124
Demand Charge - Rate 46	1,076.51	kW	\$0.00000	0
RTA Charge <sup>1</sup>	9,529,680	kWh	\$0.00240	<u>22,871</u>
			Subtotal	404,057
Interim Rate Adjustment			1.5%	6,061
			Total	<u>410,118</u>

<sup>1</sup> 2014 applied RTA.  
Interim Petition Exhibits .xlsx  
6/30/2014



**Summary of Consumers, Energy Sales, and  
Revenue Under Present Rates**  
(Continued)

**III. Estimate of Revenue Under Present Rates**

Rate Class	Billing Determinants	Units	Rate	Revenue (\$)
<b><u>Interruptible Heating Service (52)</u></b>				
Energy Net Charge - Rate 31				
Summer	45,568,909			
Other	9,799,727 kWh		\$0.04800	470,387
Energy Charge - Rate 41	35,769,182 kWh		\$0.04800	1,716,921
Summer	522,800			
Other	70,797 kWh		\$0.04800	3,398
Energy Charge - Rate 46	452,003 kWh		\$0.04800	21,696
Demand Charge - Rate 46	736,803 kWh		\$0.04800	35,367
RTA Charge <sup>1</sup>	3,340 kW		\$0.00000	0
	46,828,512 kWh		\$0.00500	234,143
			Subtotal	2,481,912
Interim Rate Adjustment			1.5%	37,229
			Total	<u>2,519,141</u>
<b><u>Residential &amp; Farm Time of Day (53)</u></b>				
Fixed Charge	19 cons.		\$11.00	2,508
Energy Charge				
Peak Period				
Summer	59,043 kWh		\$0.16000	9,447
Other	13,897 kWh		\$0.14600	2,029
Off-Peak Period	173,528 kWh		\$0.08250	14,316
RTA Charge <sup>1</sup>	246,468 kWh		\$0.01320	3,253
			Subtotal	31,553
Interim Rate Adjustment			1.5%	473
			Total	<u>32,026</u>
<b><u>General Service Time of Day (54)</u></b>				
Fixed Charge	8 cons.		\$30.00	2,880
Demand Charge	23,268.5			
Peak Period				
Summer	2,051.0 kW		\$21.70	44,507
Winter	1,067.6 kW		\$16.30	17,402
Other	3,511.2 kW		\$10.95	38,448
Maximum	16,638.7 kW		\$4.30	71,546
Energy Charge	4,934,016 kWh		\$0.04394	216,801
Discounts				
Primary Voltage		kW	(\$0.15)	
Primary Metering			(2.00%)	
RTA Charge <sup>1</sup>	4,934,016 kWh		\$0.01300	64,142
			Subtotal	455,726
Interim Rate Adjustment			1.5%	6,836
			Total	<u>462,562</u>

<sup>1</sup> 2014 applied RTA.

**Summary of Consumers, Energy Sales, and  
Revenue Under Present Rates**

(Continued)

**III. Estimate of Revenue Under Present Rates**

Rate Class	Billing Determinants	Units	Rate	Revenue
<b><u>Standby Service Large Power General (60)</u></b>				
Generation Reservation Fee				
Summer	1,000	kW	\$ 2.57	7,710
Winter	1,000	kW	\$ 1.96	5,880
Other	1,000	kW	\$ 1.34	8,040
Distribution Reservation Fee				
Primary	1,000	kW	\$2.9100	34,920
Secondary		kW	\$3.0900	0
			Subtotal	56,550
Interim Rate Adjustment			1.5%	848
			Total	<u>57,398</u>
<b><u>Full Interruptible Service (70)</u></b>				
Fixed Charge	211	cons.	\$80.00	202,560
Communication Fee	51		\$8.70	5,324
Coinc. Demand Charge				
Summer	143.7	kW	\$21.70	3,119
Winter	0.0	kW	\$16.30	0
Other	0.0	kW	\$10.95	0
Total Coinc Demand	143.7	kW		
Non-Coinc. Demand	925,439.3	kW	\$4.30	3,979,389
Failure to Control	143.7		\$5.00	719
Energy Charge	408,431,856	kWh	\$0.04394	17,946,496
Discounts				
Primary Voltage	58,248.0	kW	(\$0.15)	(\$8,737)
Primary Metering	-		(2.0%)	\$0
RTA Charge <sup>1</sup>	408,431,856	kWh	\$0.00600	2,450,591
			Subtotal	24,579,461
Interim Rate Adjustment			1.5%	368,692
			Total	<u>24,948,153</u>
<b><u>Partial Interruptible Service (71)</u></b>				
Fixed Charge	28	cons.	\$80.00	26,880
Communication Fee	17		\$8.70	1,775
Coinc. Demand Charge				
Summer	1,912.0	kW	\$21.70	41,490
Winter	2,305.0	kW	\$16.30	37,572
Other	5,142.2	kW	\$10.95	56,307
Total Coinc Demand	9,359.2	kW		
Non-Coinc. Demand	105,438	kW	\$4.30	453,383
Excess Demand		kW	\$5.00	0
Energy Charge	26,293,344	kWh	\$0.04394	1,155,330
Discounts				
Primary Voltage	58,248	kW	\$0.15	(8,737)
Primary Metering	0		2.00%	-
RTA Charge <sup>1</sup>	26,293,344	kWh	\$0.00600	157,760
			Subtotal	1,921,760
Interim Rate Adjustment			1.5%	28,826
			Total	<u>1,950,586</u>

<sup>1</sup> 2014 applied RTA.  
Interim Petition Exhibits .xlsx  
6/30/2014

**Summary of Consumers, Energy Sales, and  
Revenue Under Present Rates**  
(Continued)

**III. Estimate of Revenue Under Present Rates**

Rate Class	Billing Determinants	Units	Rate	Revenue (\$)
<b><u>Controlled Air Conditioning Service (80)</u></b>				
Option 1		kWh	\$0.00	0
Option 2				
Residential Rate 81/31	5,224,821	kWh	(\$0.03000)	(156,745)
Rate 81/41	441,179	kWh	(\$0.03000)	(13,235)
Rate 81/46	0	kWh	(\$0.03000)	0
	5,666,000	kWh		(169,980)
Option 3				
Residential Rate 82/31	35,158	cons.	(\$12.00)	(1,265,688)
Commercial	0	cons.	(\$12.00)	0
	35,158			(1,265,688)
Option 4				
Rate 84/41	5,750	tons	(\$6.00)	(103,500)
Rate 84/46	0	tons	(\$6.00)	0
	5,750			(103,500)
			Subtotal	(1,539,168)
Interim Rate Adjustment			1.5%	(23,088)
			Total	(1,562,256)
<b><u>Electric Vehicle (33)</u></b>				
Energy Charge				
Off Peak	11,911	kWh	\$0.05850	697
On Peak	158	kWh	\$0.37850	60
Other				
Summer	294	kWh	\$0.11544	34
Other	717	kWh	\$0.10144	73
RTA Charge <sup>1</sup>	13,080	kWh	\$0.01320	173
			Subtotal	1,037
Interim Rate Adjustment			1.5%	16
			Total	1,053
<b><u>Wellspring</u></b>			Total	39,427
<b>Grand Total</b>	1,898,206,860	kWh	\$	201,854,553

<sup>1</sup> 2014 applied RTA.

**Comparison of Revenue  
Present and Interim Rates**

(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Rate Class	Revenue Present Rates	Revenue Interim Rates	<u>Increase (Decrease)</u>	
		(\$)	(\$)	(\$)	(%)
1	Residential & Farm Service (31)	113,330,908	115,030,872	1,699,964	1.50
2	Residential & Farm Demand Control (32)	48,617	49,346	729	1.50
3	Electric Vehicle (33)	1,037	1,053	16	1.50
4	Irrigation Service (36) Firm	69,220	70,258	1,038	1.50
5	Irrigation Service (36) Interruptible	904,565	918,133	13,568	1.50
6	Small General Service (41)	6,767,752	6,869,268	101,516	1.50
7	Security Lighting Service (44)	158,673	161,053	2,380	1.50
8	Street Lighting Service (44-2)	494,127	501,539	7,412	1.50
9	Street Lighting System (44-1)	66,583	67,582	999	1.50
10	Custom Residential Street Lighting (44-3)	1,272,737	1,291,828	19,091	1.50
11	Low Wattage Unmetered Service (45)	5,184	5,262	78	1.50
12	General Service (46)	47,284,619	47,993,888	709,269	1.50
13	Municipal Civil Defense Sirens (47)	3,900	3,900	-	-
14	Geothermal Heat Pump (49)	32,921	33,415	494	1.50
15	Controlled Energy Storage (51)	404,057	410,118	6,061	1.50
16	Controlled Interruptible Service (52)	2,481,912	2,519,141	37,229	1.50
17	Residential & Farm Time of Day (53)	31,553	32,026	473	1.50
18	General Service Time of Day (54)	455,726	462,562	6,836	1.50
19	Standby Service (60)	56,550	57,398	848	1.50
20	Full Interruptible Service (70)	24,579,461	24,948,153	368,692	1.50
21	Partial Interruptible Service (71)	1,921,760	1,950,586	28,826	1.50
22	Cycled Air Conditioning Service (80)	(1,539,168)	(1,562,256)	(23,088)	1.50
23	Wellspring	39,427	39,427	-	-
24	<b>Total</b>	198,872,121	201,854,553	2,982,432	1.50

**Interim Rate Schedules –  
Showing Mark-up**

DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

INTERIM  
SECTION: V  
SHEET: 3  
REVISION: 165

SCHEDULE 31  
RESIDENTIAL AND FARM SERVICE

Availability

Available to individual residential and farm members for all domestic and farm use except irrigation. This includes service to apartment units. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, when economically feasible, 60 hertz, at available secondary voltages.

Monthly Rate

Fixed Charge		\$8.00 per month
Energy Charge		
Summer (June-Aug)	@	\$0.11544 per kWh
Other	@	\$0.10144 per kWh
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Minimum Monthly Charge

The minimum monthly charge under the above rate shall be the Fixed Charge.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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Issued: 7/2/14/2/3/12

Docket Number: E-111/MR-12-115GR-14-482

Effective:  
7/12/12/9/11/14

DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

INTERIM  
SECTION: V  
SHEET: 3.5  
REVISION: 87

SCHEDULE 32  
RESIDENTIAL AND FARM DEMAND CONTROL RATE

Availability

Available to residential and farm members with at least 5 kW of controlled electric heating units. This rate is subject to the rules and regulations of the Association. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of twelve (12) months.

Type of Service

Single phase, 60 Hertz, at available secondary voltages.

Monthly Rate

Fixed Charge	\$11.00 per month
Energy Charge	\$ 0.06480 per kWh
Demand Charge	
Summer (June-Aug)	\$12.90 per kW
Other	\$ 9.30 per kW
Plus Applicable Taxes	

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Billing Demand Determination

The demand will be determined based on the peak 15-minute demand reading during control periods for the month the bill was rendered. An estimated demand will be used for new customers until the actual controlled demand is established.

Minimum Monthly Charge

The minimum monthly charge under the above rate shall be the \$10.00 fixed charge plus a minimum billing demand of 3 kW.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be increased or decreased by \$0.0001 per kilowatt-hour for each 0.1 mill or major fraction by which the energy component in the Association's purchased power cost per kilowatt-hour purchased from its power supplier exceeds, or is less than \$0.0781 per kilowatt-hour purchased. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Taxes

The rates set fourth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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~~Issued: 2/3/12~~                      ~~Docket Number: E-111/MR-12-115~~                      ~~Effective: 7/12/12~~

Issued: 7/2/14                      Docket Number: E-111/GR-14-482                      Effective: 9/11/14

DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

INTERIM  
SECTION: V  
SHEET: 4  
REVISION: 165

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SCHEDULE 36  
IRRIGATION SERVICE

Availability

Available to any member for service to irrigation pumps. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages.

Monthly Rate

Firm Service

Fixed Charge		\$24.00 per month
Demand Charge		
Summer (June-Aug)	@	\$23.80 per kW
Winter (Dec-Feb)	@	\$18.90 per kW
Other	@	\$14.00 per kW
Energy Charge	@	\$ 0.04767 per kWh
Plus Applicable Taxes		

Interruptible

Fixed Charge		\$24.00 per month
Demand Charge	@	\$ 4.05 per kW
Energy Charge	@	\$ 0.04767 per kWh
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Determination of Metered Demand

The Metered Demand in kilowatts shall be the greatest 15-minute demand (subject to power factor adjustment) during the month for which the bill is rendered. Demand will be read to the nearest 0.01 kilowatt.

Power Factor Adjustment

The member agrees to maintain as near unity power factor as practicable. The Association reserves the right to measure such power factor at any time. Should such measurements indicate that the average power factor is less than 90 percent, the demand for billing purposes shall be the demand as recorded by the demand meter multiplied by 90 percent and divided by the percent power factor.

Minimum Monthly Charge

The Minimum Monthly Charge under the above rate shall be the Fixed Charge.

Issued: 3/12/09

Docket Number: E-111/GR-09-175

Effective: 1/01/12

Issued: 7/2/14

Docket Number: E-111/GR-14-482

Effective: 9/11/14



DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

INTERIM  
SECTION: V  
SHEET: 6  
REVISION: 87

SCHEDULE 41  
SMALL GENERAL SERVICE

Availability

Available to any commercial member for all uses, except irrigation pumps, where the Metered Demand is 15 kW or less. If the Metered Demand exceeds 15 kW for three consecutive months, the member will be transferred to the General Service Rate for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages.

Monthly Rate

Fixed Charge	\$10.00 per month
Energy Charge	
Summer (June-Aug)	@ \$0.11363 per kWh
Other	@ \$0.09963 per kWh
Plus Applicable Taxes	

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Determination of Metered Demand

The Metered Demand in kilowatts shall be the greatest 15-minute demand during the month for which the bill is rendered. Demand will be read to the nearest 0.01 kilowatt.

Minimum Monthly Charge

The Minimum Monthly Charge under the above rate shall be the Fixed Charge.

Non-metered Option

This option has limited availability. It may be available for: devices that are located at individual points of delivery and are operated with a continuous or predetermined load level that exceeds the threshold determined for Schedule 45. The monthly energy consumption will be determined by the Association based on equipment documentation provided by the member. The maximum monthly energy allowed under this option will be 500 kWh.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Terms of Payment

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~~Issued: 2/3/12~~                      ~~Docket Number: E-111/MR-12-115~~                      ~~Effective: 7/12/12~~

Issued: 7/2/14                      Docket Number: E-111/GR-14-482                      Effective: 9/11/14

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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<u>Issued: 2/3/12</u>	<u>Docket Number: E-111/MR-12-115</u>	<u>Effective: 7/12/12</u>
<u>Issued: 7/2/14</u>	<u>Docket Number: E-111/GR-14-482</u>	<u>Effective: 9/11/14</u>

DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

INTERIM  
SECTION: V  
SHEET: 11  
REVISION: 154

SCHEDULE 44  
SECURITY LIGHTING SERVICE

Availability

Available for year-around illumination for private residential, farm, or commercial lighting on existing Association service poles where service poles and service wires can be connected on the line side of member's meter. Members will be required to remain on this rate for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

The Association shall own, operate, and maintain the security lighting system using the Association's standard security lighting equipment. The energy used by these lights is unmetered.

Monthly Rate

<u>Designation of Lamp</u>	<u>Monthly Rate Per Luminaire</u>
175 Watt Mercury (Closed to new)	\$ 11.96
100 Watt High Pressure Sodium	\$ 9.45
150 Watt High Pressure Sodium	\$11.04
250 Watt High Pressure Sodium	\$14.23
Plus Applicable Taxes	

Optional – For residential or farm installation requiring any extra equipment, or in the event the consumer requests the changeout of an existing light to a different size and/or type, a contribution to construction will be required to cover the extra costs incurred. Commercial installations on existing service poles only.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

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SCHEDULE 44-2  
STREET LIGHTING SERVICE  
(DEA – OWNED EQUIPMENT)

Availability

Available for governmental or private year-around illumination of public or private streets, parkways, highways, and other public ways by electric lamps in luminaires supported on existing poles where secondary voltage is available and the facilities for this service are furnished by the Association.

Type of Service

The Association shall own, operate, and maintain the overhead street lighting system using the Association's standard street lighting equipment. The energy used by these lights is unmetered.

Monthly Rate

<u>Designation of Lamp</u>	<u>Monthly Rate Per Luminaire</u>
175 Watt Mercury (Closed to new)	\$14.11
250 Watt Mercury (Closed to new)	\$16.59
400 Watt Mercury (Closed to new)	\$20.78
100 Watt High Pressure Sodium	\$ 11.60
150 Watt High Pressure Sodium	\$13.19
250 Watt High Pressure Sodium	\$16.38
400 Watt High Pressure Sodium (Closed to new)	\$19.92
Plus Applicable Taxes	

The above rates cover only an installation where the pole with secondary voltage is existing at the light location. Contributions to construction costs will be required if additional equipment is needed or if a member requests a change to a different lamp size and/or type when costs exceed \$500.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

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SCHEDULE 44-1  
STREET LIGHTING SERVICE  
(MEMBER – OWNED)

Availability

Available for year-round illumination of public streets, parkways, highways, and other public ways by electric lamps mounted on standards where member owns the lighting system complete with standards, luminaries, globes, lamps, and other appurtenances, together with all necessary cables extending between standards and to point of connection to the Association's facilities as designated by the Association.

Type of Service

The street lighting system shall be built and owned by the member. All controls will be provided by the member. The member shall also provide all easements and right-of-way to permit access to feed points. The Association shall operate and provide limited maintenance (periodic cleaning of lens, refractor, and bulb replacement) on street lighting systems that are unmetered.

Monthly Rate

<u>Designation of Lamp</u>	<u>Monthly Rate Per Luminaire</u>
175 Watt Mercury (Closed to new)	\$ 9.44
250 Watt Mercury (Closed to new)	\$11.93
400 Watt Mercury (Closed to new)	\$16.11
100 Watt High Pressure Sodium	\$ 6.93
150 Watt High Pressure Sodium	\$ 8.53
200 Watt High Pressure Sodium	\$10.18
250 Watt High Pressure Sodium	\$11.72
400 Watt High Pressure Sodium	\$15.25
Plus Applicable Taxes	

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

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4    E-    9/11/14  
111/GR-  
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~~Issued: 3/12/09~~

Issued: 7/2/14    Docket Number: E-111/GR-14-482    Effective: 9/11/14

DAKOTA ELECTRIC ASSOCIATION  
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Farmington, MN 55024

INTERIM  
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SCHEDULE 44-3  
CUSTOM RESIDENTIAL STREET LIGHTING  
(DEA-OWNED – CONTRIBUTION BY MEMBER)

Availability

Available for year-round illumination of public streets, parkways, highways, and other public ways by electric lamps mounted on standards and served through underground circuits, where the facilities for this service are furnished by the Association. Street lighting service under this schedule is limited to residential areas having an underground distribution area.

Type of Service

The Association shall own, operate, and maintain the lighting system using the Association’s standard street lighting equipment which includes one lamp per standard. Member shall be required to contribute an amount equal to the installation cost of the lighting system. The energy used by these lights is unmetered.

Monthly Rate

<u>Designation of Lamp</u>	<u>Monthly Rate Per Luminaire</u>
175 Watt Mercury (Closed to new)	\$ 10.28
50 Watt High Pressure Sodium	\$ 6.36
100 Watt High Pressure Sodium	\$ 7.77
150 Watt High Pressure Sodium	\$ 9.36
250 Watt High Pressure Sodium	\$ 12.55
Plus Applicable Taxes	

Optional – For installations requiring any extra equipment or in the event the member requests the changeout of an existing light to be a different size and/or type, the member will be required to pay all construction fees or extra charges incurred.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric’s conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association’s total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if

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necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

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Effective: 7/12/12

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Issued: 7/2/14

Docket Number: E-111/GR-14-482

Effective: 9/11/14

DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

INTERIM  
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## SCHEDULE 51 CONTROLLED ENERGY STORAGE

### Availability

Available to members taking service concurrently under another rate schedule. This rate is for interruptible service to energy storage loads which are remotely controlled by the Association. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

### Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages. Service under this schedule will be available for approximately eight hours per day, normally 11:00 p.m. to 7:00 a.m., or as established by the Association.

### Monthly Rate

Energy Charge @ \$0.0400 per kWh  
Plus Applicable Taxes.

### Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

### Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The energy cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected weighted average power cost per kilowatt-hour for this service exceeds, or is less than \$0.0180 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

### Demand

The metered demand of loads on this rate will be subtracted from the metered demand for members receiving service under Schedule 41 and 46 when the storage load is coincident with the member's other loads.

### Taxes

The rates set fourth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

### Terms of Payment

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~~Docket Number: E-111/M-11-49~~

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Docket Number: E-111/GR-14-482

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The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

INTERIM  
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SCHEDULE 52  
CONTROLLED INTERRUPTIBLE SERVICE

Availability

Available to member taking service concurrently under another rate schedule. This rate is for interruptible service to qualifying loads which are remotely controlled by the Association. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages. Service under this schedule will be available at all times except when interrupted by the Association during times of peak system demand or system emergencies.

Monthly Rate

Energy Charge @ \$0.0480 per kWh  
Plus Applicable Taxes.

Alternate Monthly Rate for Controlled Water Heaters

Where separate metering of controlled water heaters is not possible or for members on Rate 53, a direct credit of \$1.50 per 100 kWh used up to a maximum of \$6.00 per month will be applied against the monthly bill.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The energy cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected weighted average power cost per kilowatt-hour for this service exceeds, or is less than \$0.0261 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Demand

The metered demand of loads on this rate will be subtracted from the metered demand for members receiving service under Schedule 41 and 46 when the interruptible load is coincident with the member's other loads.

Taxes

The rates set fourth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Terms of Payment

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Docket Number: E-111/M-11-49

Effective: 03/09/11

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Docket Number: E-111/GR-14-482

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The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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Effective: 9/11/14

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SCHEDULE 53  
RESIDENTIAL AND FARM SERVICE  
TIME-OF-DAY RATE

Availability

Available to residential and farm members for all domestic and farm use, except irrigation pumps. Members participating in this service are not eligible for either Schedule 51 or Schedule 52. Members will be required to remain on this rate for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, when economically feasible, 60 hertz, at available secondary voltages.

Monthly Rate

Fixed Charge		\$11.00 per month
Energy Charge		
Summer – (June-Aug) Peak Period	@	\$0.16000 per kWh
Other – Peak Period	@	\$0.14600 per kWh
Off-Peak Period	@	\$0.08250 per kWh
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Definition of Periods

Peak Period	4:00 p.m. to 11:00 p.m., excluding holidays and weekends
Off-Peak Period	11:00 p.m. to 4:00 p.m.

Holidays include New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Minimum Monthly Charge

The minimum monthly charge under the above rate shall be the Fixed Charge.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric’s conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association’s total projected power cost per kilowatt-hour annually exceed, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if

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Issued: 7/2/14                      Docket Number: E-111/GR-14-482                      Effective: 9/11/14

necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

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Issued: 7/2/14

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Effective: 9/11/14

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INTERIM  
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SCHEDULE 54  
GENERAL SERVICE  
OPTIONAL TIME-OF-DAY RATE

Availability

Available to any member for general service electrical loads. Members participating in this service are not eligible for either Schedule 51 or Schedule 52. Members will be required to remain on this rate for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available primary or secondary voltages.

Monthly Rate

Fixed Charge		\$30.00 per month
Peak Period Demand Charge		
Summer (June-Aug)	@	\$21.70 per kW
Winter (Dec-Feb)	@	\$16.30 per kW
Other	@	\$10.95 per kW
		Plus
Maximum Demand Charge	@	\$ 4.30 per kW
Energy Charge	@	\$0.04394 per kWh
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Definition of Periods

Peak Period	4:00 p.m. to 11:00 p.m., excluding holidays and weekends
Off-Peak Period	11:00 p.m. to 4:00 p.m.

Holidays include New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Determination of Billing Demand

1. Peak Period - The Peak Period Billing Demand shall be the greatest 15 minute demand (subject to power factor adjustment) between 4 p.m. and 11 p.m. during the month for which the bill is rendered, as indicated or recorded by a demand meter. Demand will be read to the nearest 0.01 kilowatt.
2. Maximum Demand - The Maximum Billing Demand shall be the greatest 15 minute demand (subject to power factor adjustment) during the month for which the bill is rendered, as indicated or recorded by a demand meter. Demand will be read to the nearest 0.01 kilowatt.

Minimum Monthly Charge

The minimum monthly charge under the above rate shall be the Fixed Charge plus \$1.00 per kW of the highest billing demand during the preceding 11 months.

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DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, Minnesota 55024

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SCHEDULE 60  
RIDER FOR STANDBY SERVICE  
CONTINUED

**Definitions**

Contracted Standby Demand is the quantity specified in the member's Electric Service Agreement as the maximum amount of firm or non-firm standby service the Cooperative is obligated to supply.

Extended Parallel means the distributed generation system is designed to remain connected with the Cooperative's distribution system for an extended period of time.

Firm Service refers to a utility's most reliable, constant electric service. A utility would interrupt the supply of electricity to a firm service customer only as a last resort.

Non-Firm Service refers to electric service that a utility provides only to the extent that it has capacity not being used to meet the needs of firm-service members at the moment.

Scheduled Maintenance service is energy, or energy and capacity, supplied by the Cooperative during scheduled maintenance of the member's non-utility source of electric energy supply (distributed generation system).

Unscheduled Outage service is energy, or energy and capacity, supplied by the Cooperative during unscheduled outages of the member's non-utility source of electric energy supply (distributed generation system).

All other definitions shall be as described in Cooperative's *Distributed Generation Interconnection Requirements* and *Interconnection Process for Distributed Generation Systems*.

**Charges for Service**

The following Reservation and Usage Fees are applicable in addition to all charges for service being taken under Cooperative's base rate schedule:

**Reservation Fees**

Charges as specified below for the reservation of either Firm or Non-Firm generation, transmission and distribution service per Month per kW will each be applied to the member's Contracted Standby Demand as specified in member's Electric Service Agreement with Cooperative:

	Firm Service (\$ per kW)	Non-Firm Service (\$ per kW)
Generation	*	
Transmission	*	
Distribution - Primary Service	\$2.91	\$2.91
Distribution - Secondary Service	\$3.09	\$3.09

\* Firm Standby Service generation and transmission Reservation Fees will be billed under the rates, terms and conditions of the Cooperative's wholesale power supplier (Great River Energy), which is available on GRE's Web site; [greatriverenergy.com](http://greatriverenergy.com) and DEA's Web site; [dakotaelectric.com](http://dakotaelectric.com).

**Interim Rate Adjustment**

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

**Usage Fees**

**Demand Charge**

If the member registers electrical usage from Cooperative during a billing month then such usage may result in demand charges which may vary between members contracting for Firm Standby Service or Non-Firm Standby Service.

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DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

INTERIM  
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SCHEDULE 70  
INTERRUPTIBLE SERVICE  
(FULL INTERRUPTIBLE OPTION)

Availability

Available to any member with a minimum controllable demand of 50 kW. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Members participating in this service are not eligible for concurrent service under any other rate schedule. Service is subject to the established rules and regulations of the Association.

Under the full interruptible control option, members agree to interrupt their entire electrical energy usage. Members may attain this full interruption through curtailment or with the use of on-site generation back-up. During the interruption, the member's load must go to zero.

Type of Service

Single phase or three phase, 60 hertz, at available primary or secondary voltages.

Monthly Rate

Fixed Charge		\$80.00 per month
Communication Fee (meters w/ digital cellular)		\$8.70 per month
Coincidental Demand		
Summer (June-Aug)	@	\$21.70 per kW
Winter (Dec-Feb)	@	\$16.30 per kW
Other	@	\$10.95 per kW
Non-Coincidental Demand	@	\$ 4.30 per kW
Energy Charge	@	\$ 0.04394 per kWh
Failure to Control Charge		\$ 5.00 per kW
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Control Period

The control period shall be defined as the period of time during which the Association is controlling these loads with the intent of minimizing demand on the Association's system.

Coincidental Demand

The monthly Coincidental Demand under the full interruptible control option shall be defined as the member's actual hourly demand that is coincident with the wholesale power supplier (i.e. average of the four fifteen minute demand readings for the hour ending of the wholesale billing peak) when the load is directed to be controlled during the wholesale billing peak.

Non-Coincidental Demand

The Non-Coincidental Demand shall be the maximum kilowatt demand (subject to power factor adjustment) established by the member for any period of 15 consecutive minutes during the month for which the bill is rendered, as indicated or recorded by a demand meter.

Failure to Control

The Failure to Control Charge will be applied to the highest kilowatt demand during any monthly control period when the member does not fully interrupt demand. The Failure to Control Charge is applied to the highest demand recorded during any of the monthly control periods. The control period shall be defined as the period of time during which the Association is controlling these loads with the intent of minimizing demand on the Association's system. Failure to control or being unavailable for control for more than one calendar month may require the member to be removed from Schedule 70 for the remainder of the year.

Scheduled Maintenance

Members are encouraged to schedule required periodic maintenance during the spring and fall months and coordinate such maintenance with the Association.



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SCHEDULE 71  
INTERRUPTIBLE SERVICE  
(PARTIAL INTERRUPTIBLE OPTION)

Availability

Available to any member with a minimum controllable demand of 50 kW. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Members participating in this service are not eligible for concurrent service under any other rate schedule. Service is subject to the established rules and regulations of the Association.

Under the partial interruptible control option, members agree to reduce a portion of their electrical energy usage. Members may attain this partial interruption through curtailment or with the use of on-site generation back-up. During the interruption, the member's load goes to a Predetermined Demand Level (PDL). If a partial interruptible member fails to control demand to the PDL, then the PDL will be adjusted to the demand occurring during such control period.

Type of Service

Single phase or three phase, 60 hertz, at available primary or secondary voltages.

Monthly Rate

Fixed Charge		\$80.00 per month
Communication Fee (meters w/ digital cellular)		\$8.70 per month
Coincidental Demand		
Summer (June – Aug)	@	\$21.70 per kW
Winter (Dec – Feb)	@	\$16.30 per kW
Other	@	\$10.95 per kW
Non-Coincidental Demand	@	\$ 4.30 per kW
Energy Charge	@	\$ 0.04394 per kWh
Excess Demand Charge	@	\$ 5.00 per kW
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Control Period

The control period shall be defined as the period of time during which the Association is controlling these loads with the intent of minimizing demand on the Association's system.

Coincidental Demand

The monthly Coincidental Demand under the partial interruptible control option shall be defined as:

- During a month with no control period, the monthly Coincidental Demand under the partial interruptible control option will be the lesser of the member's actual hourly demand that is coincident with the wholesale power supplier (i.e. average of the four fifteen minute demand readings for the hour ending of the wholesale billing peak) or the Predetermined Demand Level.
- During a month with a control period, the monthly Coincidental Demand under the partial interruptible control option will be the member's highest actual 15 minute demand during any control period.

The partial interruptible PDL will be adjusted to any higher actual demand of the member occurring during a curtailable event for the remainder of the calendar year. In the case of members using on-site generation, the PDL may be adjusted to reflect the rated capacity of such generation that was not operational during the control period. Only one such adjustment per year will be allowed.

Non-Coincidental Demand

The Non-Coincidental Demand shall be the maximum kilowatt demand (subject to power factor adjustment) established by the member for any period of 15 consecutive minutes during the month for which the bill is rendered, as indicated or recorded by a demand meter.

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4300 220<sup>th</sup> Street West  
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INTERIM  
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## SCHEDULE 80 CYCLED AIR CONDITIONING SERVICE

### Availability

Available to members taking service concurrently under another rate schedule. This rate is for interruptible service to central air conditioners which are remotely controlled by the Association. Service is subject to the established rules and regulations of the Association.

### Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages. Service under this schedule will be available at all times except when interrupted by the Association during times of peak system demand or system emergencies.

### Monthly Rate

Option No. 1 - Available to members who also take service under Schedules 51 and 52 where an existing meter and control unit may be utilized for the controlled air conditioning load.

Energy Charge per applicable Schedule 51 or 52

Option No. 2 - Available to members where a new meter and control unit must be installed to control the air conditioning load.

Energy Charge Credit @ \$0.0300 per kWh

Option No. 3 - Available to members where a control unit must be installed to control the air conditioning load.

A credit will be applied to the first \$12.00 of the member's- net energy consumption charges in the months of June, July, and August. In no case will the credit exceed the sum of the monthly Energy Charge and Resource and Tax Adjustment.

Option No. 4 - Available to non-residential members where a new meter and control unit must be installed but where it is not feasible or designed to meter the air conditioning load separately. The maximum capacity of any individual air conditioning compressor is 7.5 tons. A \$6.00 per ton per month credit will be applied to member's bill in the months of June, July, and August. The aggregate monthly credit per account will not exceed 1/3 of the net charges for energy and demand in each month.

Plus Applicable Taxes

### Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

### Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder shall be added to the above rate as appropriate.

### Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>TH</sup> Street West  
Farmington, MN 55024

INTERIM  
SECTION: V  
SHEET: 44.0  
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SCHEDULE 45  
LOW WATTAGE UNMETERED SERVICE

Availability

This rate is available for low-wattage electronic devices that are: 1) Individually located at each point of delivery, 2) Rated at less than 150 watts, and 3) A determinable load level. Each individual electronic device must not in any way interfere with Association operations and service to adjacent members. This rate is also available to equipment connected to the supply side of the service disconnect such as fire and sprinkler alarms, and emergency lighting systems, if such equipment is used only during times of emergency. This will require verification from a licensed electrical contractor/electrician in the form of an affidavit.

This Low Wattage Unmetered Service is not applicable to electric service for traffic signals, civil defense, or lighting. Association reserves the right to evaluate member requests for this service to determine eligibility.

Type of Service

Either single phase or three phase, depending on feasibility, 60 hertz, at available secondary voltages.

Installation Charges

The member shall pay the total estimated installation charges involved to provide service.

Monthly Rate

\$8.00 per month per service location, plus applicable sales tax.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder shall be added to the above rate as appropriate.

Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance

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## SCHEDULE EV-1 PILOT – RESIDENTIAL ELECTRIC VEHICLE SERVICE

### Availability

Available on voluntary basis as a pilot program for residential consumers taking service under Schedule 31 who also desire metered service for the sole purpose of electrically charging a licensed automobile or light truck. Service on this tariff is limited to electric vehicles that are SAE J1772 compliant and registered and operable on public highways in the State of Minnesota. Low-speed electric vehicles, including golf carts, are ineligible to take service under this tariff even if licensed to operate on public streets. The consumer may be required to provide the Association with proof of registration of the electric vehicle prior to taking service under this tariff. Service is subject to the established rules and regulations of the Association.

### Term

The pilot program will be offered for a minimum of a two year period. At the end of the initial two year pilot period, the Association will determine if this program will be continued, modified, or eliminated. If it is eliminated, the consumers participating in the pilot program will revert back to the appropriate retail rate tariff for their class of service.

### Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages.

### Rate

Energy Charges:

Off-Peak: 5.85¢ per kWh  
On-Peak: 37.85¢ per kWh  
Other: Schedule 31 energy charges apply  
Plus RTA and applicable sales tax

### Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

### Definition of Periods

Energy Charge time periods are defined as follows:

Off-Peak 9:00 pm to 8:00 am Mon. – Fri., and all day Weekends and Holidays  
On-Peak 4:00 pm to 9:00 pm Mon. – Fri., excluding Holidays  
Other 8:00 am to 4:00 pm Mon. – Fri., excluding Holidays

Holidays shall be: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

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SCHEDULE 46  
GENERAL SERVICE

Availability

Available to any commercial member for all uses except irrigation. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages.

Monthly Rate

Fixed Charge		\$28.00
Demand Charge		
Summer (June-Aug)	@	\$11.75 per kW
Other	@	\$ 8.65 per kW
Energy Charge		
First 200 kWh per kW	@	\$0.06637 per kWh
Next 200 kWh per kW	@	\$0.05637 per kWh
Over 400 kWh per kW	@	\$0.04637 per kWh
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Determination of Metered Demand

The Metered Demand in kilowatts shall be the greatest 15-minute demand (subject to power factor adjustment) during the month for which the bill is rendered. Demand will be read to the nearest 0.01 kilowatt.

Determination of Energy Charge

The energy (kWh) billed in each rate block is determined in relation to the monthly demand (kW). The energy in the first block includes the first 200 kWh multiplied by the monthly metered demand. The second block includes the next 200 kWh multiplied by the monthly metered demand. All energy in excess of 400 kWh multiplied by the monthly metered demand is billed under the third block.

Power Factor Adjustment

The member agrees to maintain as near unity power factor as practicable. The Association reserves the right to measure such power factor at any time. Should such measurements indicate that the average power factor is less than 90 percent, the demand for billing purposes shall be the demand as recorded by the demand meter multiplied by 90 percent and divided by the percent power factor.

Minimum Monthly Charge

The Minimum Monthly Charge under the above rate shall be the Fixed Charge plus \$1.00 per kW of the highest billing demand during the preceding 11 months.

Primary Voltage Service

A discount of \$0.15/kW of Billing Demand will be applied to the bill when service is taken by the member at the available primary voltage. If primary metering is used, an additional discount of 2.0

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percent shall be applied to the bill. The 2.0 percent discount shall be applied after the \$0.15/kW discount.

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SCHEDULE 49  
GEOTHERMAL HEAT PUMP RIDER

Availability

Available to any commercial member for energy used by a geothermal heat pump system. Members requesting service under this rate schedule must be taking service concurrently under Rate Schedule 41 or 46. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available primary or secondary voltages.

Rate

Energy Charge                      \$0.0600 per kWh  
Plus applicable taxes

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Metering

The geothermal heat pump system must be separately, parallel metered from all other loads at the premise. Service will not be sub-metered.

Power Factor

The member agrees to maintain as near unity power factor as practicable. The Association reserves the right to measure such power factor at any time. Should such measurements indicate that the average power factor is less than 90 percent, the energy for billing purposes shall be adjusted accordingly.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kWh, or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour for this service annually exceeds, or is less than, \$0.0475 per kWh sold. The year used for the annualized RTA will be January 1 through December 31. The projection

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shall be reviewed after six months (July) and adjusted as necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.



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## INTERIM RATE ADJUSTMENT RIDER

### Availability

#### The 1.5% Interim Rate Adjustment applies to:

1. Fixed Charge
2. Energy Charge
3. Demand Charge
4. Resource and Tax Adjustment
5. Minimum Charges
6. Energy Charge Credits
7. Voltage Discounts
8. Lighting Rates per Luminaire
9. Low Wattage Unmetered Service
10. Standby Reservation Fees
11. Controlled Air Conditioning and Water Heating Discounts

#### The Interim Rate Adjustment does not apply to:

1. Municipal Civil Defense Sirens
2. Special Fees or Charges
3. Competitive Service Rider
4. Franchise Fee Surcharge Rider
5. Optional Renewable Energy Rider
6. Member Energy Exchange Rider
7. Voluntary Energy Reduction Rider
8. Late Payment Charge

This temporary Interim Rate Adjustment Rider will expire when final rates become effective.

### Rate

Each rate schedule that the Interim Rate Adjustment applies to contains the following text:

#### Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

**Interim Rate Schedules –  
Clean**

DAKOTA ELECTRIC ASSOCIATION  
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SCHEDULE 31  
RESIDENTIAL AND FARM SERVICE

Availability

Available to individual residential and farm members for all domestic and farm use except irrigation. This includes service to apartment units. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, when economically feasible, 60 hertz, at available secondary voltages.

Monthly Rate

Fixed Charge		\$8.00 per month
Energy Charge		
Summer (June-Aug)	@	\$0.11544 per kWh
Other	@	\$0.10144 per kWh
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Minimum Monthly Charge

The minimum monthly charge under the above rate shall be the Fixed Charge.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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SCHEDULE 32  
RESIDENTIAL AND FARM DEMAND CONTROL RATE

Availability

Available to residential and farm members with at least 5 kW of controlled electric heating units. This rate is subject to the rules and regulations of the Association. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of twelve (12) months.

Type of Service

Single phase, 60 Hertz, at available secondary voltages.

Monthly Rate

Fixed Charge	\$11.00 per month
Energy Charge	\$ 0.06480 per kWh
Demand Charge	
Summer (June-Aug)	\$12.90 per kW
Other	\$ 9.30 per kW
Plus Applicable Taxes	

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Billing Demand Determination

The demand will be determined based on the peak 15-minute demand reading during control periods for the month the bill was rendered. An estimated demand will be used for new customers until the actual controlled demand is established.

Minimum Monthly Charge

The minimum monthly charge under the above rate shall be the \$10.00 fixed charge plus a minimum billing demand of 3 kW.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be increased or decreased by \$0.0001 per kilowatt-hour for each 0.1 mill or major fraction by which the energy component in the Association's purchased power cost per kilowatt-hour purchased from its power supplier exceeds, or is less than \$0.0781 per kilowatt-hour purchased. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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### SCHEDULE 36 IRRIGATION SERVICE

#### Availability

Available to any member for service to irrigation pumps. Service is subject to the established rules and regulations of the Association.

#### Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages.

#### Monthly Rate

##### Firm Service

Fixed Charge		\$24.00 per month
Demand Charge		
Summer (June-Aug)	@	\$23.80 per kW
Winter (Dec-Feb)	@	\$18.90 per kW
Other	@	\$14.00 per kW
Energy Charge	@	\$ 0.04767 per kWh
Plus Applicable Taxes		

##### Interruptible

Fixed Charge		\$24.00 per month
Demand Charge	@	\$ 4.05 per kW
Energy Charge	@	\$ 0.04767 per kWh
Plus Applicable Taxes		

#### Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

#### Determination of Metered Demand

The Metered Demand in kilowatts shall be the greatest 15-minute demand (subject to power factor adjustment) during the month for which the bill is rendered. Demand will be read to the nearest 0.01 kilowatt.

#### Power Factor Adjustment

The member agrees to maintain as near unity power factor as practicable. The Association reserves the right to measure such power factor at any time. Should such measurements indicate that the average power factor is less than 90 percent, the demand for billing purposes shall be the demand as recorded by the demand meter multiplied by 90 percent and divided by the percent power factor.

#### Minimum Monthly Charge

The Minimum Monthly Charge under the above rate shall be the Fixed Charge.

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SCHEDULE 41  
SMALL GENERAL SERVICE

Availability

Available to any commercial member for all uses, except irrigation pumps, where the Metered Demand is 15 kW or less. If the Metered Demand exceeds 15 kW for three consecutive months, the member will be transferred to the General Service Rate for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages.

Monthly Rate

Fixed Charge	\$10.00 per month
Energy Charge	
Summer (June-Aug)	@ \$0.11363 per kWh
Other	@ \$0.09963 per kWh
Plus Applicable Taxes	

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Determination of Metered Demand

The Metered Demand in kilowatts shall be the greatest 15-minute demand during the month for which the bill is rendered. Demand will be read to the nearest 0.01 kilowatt.

Minimum Monthly Charge

The Minimum Monthly Charge under the above rate shall be the Fixed Charge.

Non-metered Option

This option has limited availability. It may be available for: devices that are located at individual points of delivery and are operated with a continuous or predetermined load level that exceeds the threshold determined for Schedule 45. The monthly energy consumption will be determined by the Association based on equipment documentation provided by the member. The maximum monthly energy allowed under this option will be 500 kWh.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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SCHEDULE 44  
SECURITY LIGHTING SERVICE

Availability

Available for year-around illumination for private residential, farm, or commercial lighting on existing Association service poles where service poles and service wires can be connected on the line side of member's meter. Members will be required to remain on this rate for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

The Association shall own, operate, and maintain the security lighting system using the Association's standard security lighting equipment. The energy used by these lights is unmetered.

Monthly Rate

<u>Designation of Lamp</u>	<u>Monthly Rate Per Luminaire</u>
175 Watt Mercury (Closed to new)	\$ 11.96
100 Watt High Pressure Sodium	\$ 9.45
150 Watt High Pressure Sodium	\$11.04
250 Watt High Pressure Sodium	\$14.23
Plus Applicable Taxes	

Optional – For residential or farm installation requiring any extra equipment, or in the event the consumer requests the changeout of an existing light to a different size and/or type, a contribution to construction will be required to cover the extra costs incurred. Commercial installations on existing service poles only.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

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SCHEDULE 44-2  
STREET LIGHTING SERVICE  
(DEA – OWNED EQUIPMENT)

Availability

Available for governmental or private year-around illumination of public or private streets, parkways, highways, and other public ways by electric lamps in luminaires supported on existing poles where secondary voltage is available and the facilities for this service are furnished by the Association.

Type of Service

The Association shall own, operate, and maintain the overhead street lighting system using the Association's standard street lighting equipment. The energy used by these lights is unmetered.

Monthly Rate

<u>Designation of Lamp</u>	<u>Monthly Rate Per Luminaire</u>
175 Watt Mercury (Closed to new)	\$14.11
250 Watt Mercury (Closed to new)	\$16.59
400 Watt Mercury (Closed to new)	\$20.78
100 Watt High Pressure Sodium	\$ 11.60
150 Watt High Pressure Sodium	\$13.19
250 Watt High Pressure Sodium	\$16.38
400 Watt High Pressure Sodium (Closed to new)	\$19.92
Plus Applicable Taxes	

The above rates cover only an installation where the pole with secondary voltage is existing at the light location. Contributions to construction costs will be required if additional equipment is needed or if a member requests a change to a different lamp size and/or type when costs exceed \$500.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.



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SCHEDULE 44-1  
STREET LIGHTING SERVICE  
(MEMBER – OWNED)

Availability

Available for year-round illumination of public streets, parkways, highways, and other public ways by electric lamps mounted on standards where member owns the lighting system complete with standards, luminaries, globes, lamps, and other appurtenances, together with all necessary cables extending between standards and to point of connection to the Association's facilities as designated by the Association.

Type of Service

The street lighting system shall be built and owned by the member. All controls will be provided by the member. The member shall also provide all easements and right-of-way to permit access to feed points. The Association shall operate and provide limited maintenance (periodic cleaning of lens, refractor, and bulb replacement) on street lighting systems that are unmetered.

Monthly Rate

<u>Designation of Lamp</u>	<u>Monthly Rate Per Luminaire</u>
175 Watt Mercury (Closed to new)	\$ 9.44
250 Watt Mercury (Closed to new)	\$11.93
400 Watt Mercury (Closed to new)	\$16.11
100 Watt High Pressure Sodium	\$ 6.93
150 Watt High Pressure Sodium	\$ 8.53
200 Watt High Pressure Sodium	\$10.18
250 Watt High Pressure Sodium	\$11.72
400 Watt High Pressure Sodium	\$15.25
Plus Applicable Taxes	

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

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SCHEDULE 44-3  
CUSTOM RESIDENTIAL STREET LIGHTING  
(DEA-OWNED – CONTRIBUTION BY MEMBER)

Availability

Available for year-round illumination of public streets, parkways, highways, and other public ways by electric lamps mounted on standards and served through underground circuits, where the facilities for this service are furnished by the Association. Street lighting service under this schedule is limited to residential areas having an underground distribution area.

Type of Service

The Association shall own, operate, and maintain the lighting system using the Association’s standard street lighting equipment which includes one lamp per standard. Member shall be required to contribute an amount equal to the installation cost of the lighting system. The energy used by these lights is unmetered.

Monthly Rate

<u>Designation of Lamp</u>	<u>Monthly Rate Per Luminaire</u>
175 Watt Mercury (Closed to new)	\$ 10.28
50 Watt High Pressure Sodium	\$ 6.36
100 Watt High Pressure Sodium	\$ 7.77
150 Watt High Pressure Sodium	\$ 9.36
250 Watt High Pressure Sodium	\$ 12.55
Plus Applicable Taxes	

Optional – For installations requiring any extra equipment or in the event the member requests the changeout of an existing light to be a different size and/or type, the member will be required to pay all construction fees or extra charges incurred.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric’s conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association’s total projected power cost per kilowatt-hour annually exceeds, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

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INTERIM  
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SCHEDULE 51  
CONTROLLED ENERGY STORAGE

Availability

Available to members taking service concurrently under another rate schedule. This rate is for interruptible service to energy storage loads which are remotely controlled by the Association. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages. Service under this schedule will be available for approximately eight hours per day, normally 11:00 p.m. to 7:00 a.m., or as established by the Association.

Monthly Rate

Energy Charge @ \$0.0400 per kWh  
Plus Applicable Taxes.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The energy cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected weighted average power cost per kilowatt-hour for this service exceeds, or is less than \$0.0180 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Demand

The metered demand of loads on this rate will be subtracted from the metered demand for members receiving service under Schedule 41 and 46 when the storage load is coincident with the member's other loads.

Taxes

The rates set fourth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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SCHEDULE 52  
CONTROLLED INTERRUPTIBLE SERVICE

Availability

Available to member taking service concurrently under another rate schedule. This rate is for interruptible service to qualifying loads which are remotely controlled by the Association. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages. Service under this schedule will be available at all times except when interrupted by the Association during times of peak system demand or system emergencies.

Monthly Rate

Energy Charge @ \$0.0480 per kWh  
Plus Applicable Taxes.

Alternate Monthly Rate for Controlled Water Heaters

Where separate metering of controlled water heaters is not possible or for members on Rate 53, a direct credit of \$1.50 per 100 kWh used up to a maximum of \$6.00 per month will be applied against the monthly bill.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The energy cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected weighted average power cost per kilowatt-hour for this service exceeds, or is less than \$0.0261 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Demand

The metered demand of loads on this rate will be subtracted from the metered demand for members receiving service under Schedule 41 and 46 when the interruptible load is coincident with the member's other loads.

Taxes

The rates set fourth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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SCHEDULE 53  
RESIDENTIAL AND FARM SERVICE  
TIME-OF-DAY RATE

Availability

Available to residential and farm members for all domestic and farm use, except irrigation pumps. Members participating in this service are not eligible for either Schedule 51 or Schedule 52. Members will be required to remain on this rate for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, when economically feasible, 60 hertz, at available secondary voltages.

Monthly Rate

Fixed Charge		\$11.00 per month
Energy Charge		
Summer – (June-Aug) Peak Period	@	\$0.16000 per kWh
Other – Peak Period	@	\$0.14600 per kWh
Off-Peak Period	@	\$0.08250 per kWh
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Definition of Periods

Peak Period	4:00 p.m. to 11:00 p.m., excluding holidays and weekends
Off-Peak Period	11:00 p.m. to 4:00 p.m.

Holidays include New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Minimum Monthly Charge

The minimum monthly charge under the above rate shall be the Fixed Charge.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kilowatt-hour or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour annually exceed, or is less than \$0.0781 per kilowatt-hour sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

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SCHEDULE 54  
GENERAL SERVICE  
OPTIONAL TIME-OF-DAY RATE

Availability

Available to any member for general service electrical loads. Members participating in this service are not eligible for either Schedule 51 or Schedule 52. Members will be required to remain on this rate for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available primary or secondary voltages.

Monthly Rate

Fixed Charge		\$30.00 per month
Peak Period Demand Charge		
Summer (June-Aug)	@	\$21.70 per kW
Winter (Dec-Feb)	@	\$16.30 per kW
Other	@	\$10.95 per kW
		Plus
Maximum Demand Charge	@	\$ 4.30 per kW
Energy Charge	@	\$0.04394 per kWh
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Definition of Periods

Peak Period	4:00 p.m. to 11:00 p.m., excluding holidays and weekends
Off-Peak Period	11:00 p.m. to 4:00 p.m.

Holidays include New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Determination of Billing Demand

1. Peak Period - The Peak Period Billing Demand shall be the greatest 15 minute demand (subject to power factor adjustment) between 4 p.m. and 11 p.m. during the month for which the bill is rendered, as indicated or recorded by a demand meter. Demand will be read to the nearest 0.01 kilowatt.
2. Maximum Demand - The Maximum Billing Demand shall be the greatest 15 minute demand (subject to power factor adjustment) during the month for which the bill is rendered, as indicated or recorded by a demand meter. Demand will be read to the nearest 0.01 kilowatt.

Minimum Monthly Charge

The minimum monthly charge under the above rate shall be the Fixed Charge plus \$1.00 per kW of the highest billing demand during the preceding 11 months.

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INTERIM  
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SCHEDULE 60  
RIDER FOR STANDBY SERVICE  
CONTINUED

**Definitions**

Contracted Standby Demand is the quantity specified in the member's Electric Service Agreement as the maximum amount of firm or non-firm standby service the Cooperative is obligated to supply.

Extended Parallel means the distributed generation system is designed to remain connected with the Cooperative's distribution system for an extended period of time.

Firm Service refers to a utility's most reliable, constant electric service. A utility would interrupt the supply of electricity to a firm service customer only as a last resort.

Non-Firm Service refers to electric service that a utility provides only to the extent that it has capacity not being used to meet the needs of firm-service members at the moment.

Scheduled Maintenance service is energy, or energy and capacity, supplied by the Cooperative during scheduled maintenance of the member's non-utility source of electric energy supply (distributed generation system).

Unscheduled Outage service is energy, or energy and capacity, supplied by the Cooperative during unscheduled outages of the member's non-utility source of electric energy supply (distributed generation system).

All other definitions shall be as described in Cooperative's *Distributed Generation Interconnection Requirements and Interconnection Process for Distributed Generation Systems*.

**Charges for Service**

The following Reservation and Usage Fees are applicable in addition to all charges for service being taken under Cooperative's base rate schedule:

**Reservation Fees**

Charges as specified below for the reservation of either Firm or Non-Firm generation, transmission and distribution service per Month per kW will each be applied to the member's Contracted Standby Demand as specified in member's Electric Service Agreement with Cooperative:

	Firm Service <u>(\$ per kW)</u>	Non-Firm Service <u>(\$ per kW)</u>
Generation	*	
Transmission	*	
Distribution - Primary Service	\$2.91	\$2.91
Distribution - Secondary Service	\$3.09	\$3.09

\* Firm Standby Service generation and transmission Reservation Fees will be billed under the rates, terms and conditions of the Cooperative's wholesale power supplier (Great River Energy), which is available on GRE's Web site; [greatriverenergy.com](http://greatriverenergy.com) and DEA's Web site; [dakotaelectric.com](http://dakotaelectric.com).

**Interim Rate Adjustment**

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

**Usage Fees**

**Demand Charge**

If the member registers electrical usage from Cooperative during a billing month then such usage may result in demand charges which may vary between members contracting for Firm Standby Service or Non-Firm Standby Service.

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SCHEDULE 70  
INTERRUPTIBLE SERVICE  
(FULL INTERRUPTIBLE OPTION)

Availability

Available to any member with a minimum controllable demand of 50 kW. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Members participating in this service are not eligible for concurrent service under any other rate schedule. Service is subject to the established rules and regulations of the Association.

Under the full interruptible control option, members agree to interrupt their entire electrical energy usage. Members may attain this full interruption through curtailment or with the use of on-site generation back-up. During the interruption, the member's load must go to zero.

Type of Service

Single phase or three phase, 60 hertz, at available primary or secondary voltages.

Monthly Rate

Fixed Charge		\$80.00 per month
Communication Fee (meters w/ digital cellular)		\$8.70 per month
Coincidental Demand		
Summer (June-Aug)	@	\$21.70 per kW
Winter (Dec-Feb)	@	\$16.30 per kW
Other	@	\$10.95 per kW
Non-Coincidental Demand	@	\$ 4.30 per kW
Energy Charge	@	\$ 0.04394 per kWh
Failure to Control Charge		\$ 5.00 per kW
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Control Period

The control period shall be defined as the period of time during which the Association is controlling these loads with the intent of minimizing demand on the Association's system.

Coincidental Demand

The monthly Coincidental Demand under the full interruptible control option shall be defined as the member's actual hourly demand that is coincident with the wholesale power supplier (i.e. average of the four fifteen minute demand readings for the hour ending of the wholesale billing peak) when the load is directed to be controlled during the wholesale billing peak.

Non-Coincidental Demand

The Non-Coincidental Demand shall be the maximum kilowatt demand (subject to power factor adjustment) established by the member for any period of 15 consecutive minutes during the month for which the bill is rendered, as indicated or recorded by a demand meter.

Failure to Control

The Failure to Control Charge will be applied to the highest kilowatt demand during any monthly control period when the member does not fully interrupt demand. The Failure to Control Charge is applied to the highest demand recorded during any of the monthly control periods. The control period shall be defined as the period of time during which the Association is controlling these loads with the intent of minimizing demand on the Association's system. Failure to control or being unavailable for control for more than one calendar month may require the member to be removed from Schedule 70 for the remainder of the year.

Scheduled Maintenance

Members are encouraged to schedule required periodic maintenance during the spring and fall months and coordinate such maintenance with the Association.



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SCHEDULE 71  
INTERRUPTIBLE SERVICE  
(PARTIAL INTERRUPTIBLE OPTION)

Availability

Available to any member with a minimum controllable demand of 50 kW. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Members participating in this service are not eligible for concurrent service under any other rate schedule. Service is subject to the established rules and regulations of the Association.

Under the partial interruptible control option, members agree to reduce a portion of their electrical energy usage. Members may attain this partial interruption through curtailment or with the use of on-site generation back-up. During the interruption, the member's load goes to a Predetermined Demand Level (PDL). If a partial interruptible member fails to control demand to the PDL, then the PDL will be adjusted to the demand occurring during such control period.

Type of Service

Single phase or three phase, 60 hertz, at available primary or secondary voltages.

Monthly Rate

Fixed Charge		\$80.00 per month
Communication Fee (meters w/ digital cellular)		\$8.70 per month
Coincidental Demand		
Summer (June – Aug)	@	\$21.70 per kW
Winter (Dec – Feb)	@	\$16.30 per kW
Other	@	\$10.95 per kW
Non-Coincidental Demand	@	\$ 4.30 per kW
Energy Charge	@	\$ 0.04394 per kWh
Excess Demand Charge	@	\$ 5.00 per kW
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Control Period

The control period shall be defined as the period of time during which the Association is controlling these loads with the intent of minimizing demand on the Association's system.

Coincidental Demand

The monthly Coincidental Demand under the partial interruptible control option shall be defined as:

- During a month with no control period, the monthly Coincidental Demand under the partial interruptible control option will be the lesser of the member's actual hourly demand that is coincident with the wholesale power supplier (i.e. average of the four fifteen minute demand readings for the hour ending of the wholesale billing peak) or the Predetermined Demand Level.
- During a month with a control period, the monthly Coincidental Demand under the partial interruptible control option will be the member's highest actual 15 minute demand during any control period.

The partial interruptible PDL will be adjusted to any higher actual demand of the member occurring during a curtailable event for the remainder of the calendar year. In the case of members using on-site generation, the PDL may be adjusted to reflect the rated capacity of such generation that was not operational during the control period. Only one such adjustment per year will be allowed.

Non-Coincidental Demand

The Non-Coincidental Demand shall be the maximum kilowatt demand (subject to power factor adjustment) established by the member for any period of 15 consecutive minutes during the month for which the bill is rendered, as indicated or recorded by a demand meter.

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## SCHEDULE 80 CYCLED AIR CONDITIONING SERVICE

### Availability

Available to members taking service concurrently under another rate schedule. This rate is for interruptible service to central air conditioners which are remotely controlled by the Association. Service is subject to the established rules and regulations of the Association.

### Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages. Service under this schedule will be available at all times except when interrupted by the Association during times of peak system demand or system emergencies.

### Monthly Rate

Option No. 1 - Available to members who also take service under Schedules 51 and 52 where an existing meter and control unit may be utilized for the controlled air conditioning load.

Energy Charge per applicable Schedule 51 or 52

Option No. 2 - Available to members where a new meter and control unit must be installed to control the air conditioning load.

Energy Charge Credit @ \$0.0300 per kWh

Option No. 3 - Available to members where a control unit must be installed to control the air conditioning load.

A credit will be applied to the first \$12.00 of the member's- net energy consumption charges in the months of June, July, and August. In no case will the credit exceed the sum of the monthly Energy Charge and Resource and Tax Adjustment.

Option No. 4 - Available to non-residential members where a new meter and control unit must be installed but where it is not feasible or designed to meter the air conditioning load separately. The maximum capacity of any individual air conditioning compressor is 7.5 tons. A \$6.00 per ton per month credit will be applied to member's bill in the months of June, July, and August. The aggregate monthly credit per account will not exceed 1/3 of the net charges for energy and demand in each month.

Plus Applicable Taxes

### Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

### Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder shall be added to the above rate as appropriate.

### Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

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SCHEDULE 45  
LOW WATTAGE UNMETERED SERVICE

Availability

This rate is available for low-wattage electronic devices that are: 1) Individually located at each point of delivery, 2) Rated at less than 150 watts, and 3) A determinable load level. Each individual electronic device must not in any way interfere with Association operations and service to adjacent members. This rate is also available to equipment connected to the supply side of the service disconnect such as fire and sprinkler alarms, and emergency lighting systems, if such equipment is used only during times of emergency. This will require verification from a licensed electrical contractor/electrician in the form of an affidavit.

This Low Wattage Unmetered Service is not applicable to electric service for traffic signals, civil defense, or lighting. Association reserves the right to evaluate member requests for this service to determine eligibility.

Type of Service

Either single phase or three phase, depending on feasibility, 60 hertz, at available secondary voltages.

Installation Charges

The member shall pay the total estimated installation charges involved to provide service.

Monthly Rate

\$8.00 per month per service location, plus applicable sales tax.

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Taxes

The rates set forth are based on taxes as of January 1, 2009. The amount of any increase in existing or new taxes on the transmission, distribution, or sales of electricity allocable to sales hereunder shall be added to the above rate as appropriate.

Terms of Payment

The above charges are net. Balances over \$10.00 not received by the Association by the next scheduled billing date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance

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SCHEDULE EV-1  
PILOT – RESIDENTIAL ELECTRIC VEHICLE SERVICE

Availability

Available on voluntary basis as a pilot program for residential consumers taking service under Schedule 31 who also desire metered service for the sole purpose of electrically charging a licensed automobile or light truck. Service on this tariff is limited to electric vehicles that are SAE J1772 compliant and registered and operable on public highways in the State of Minnesota. Low-speed electric vehicles, including golf carts, are ineligible to take service under this tariff even if licensed to operate on public streets. The consumer may be required to provide the Association with proof of registration of the electric vehicle prior to taking service under this tariff. Service is subject to the established rules and regulations of the Association.

Term

The pilot program will be offered for a minimum of a two year period. At the end of the initial two year pilot period, the Association will determine if this program will be continued, modified, or eliminated. If it is eliminated, the consumers participating in the pilot program will revert back to the appropriate retail rate tariff for their class of service.

Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages.

Rate

Energy Charges:

Off-Peak: 5.85¢ per kWh  
On-Peak: 37.85¢ per kWh  
Other: Schedule 31 energy charges apply  
Plus RTA and applicable sales tax

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Definition of Periods

Energy Charge time periods are defined as follows:

Off-Peak 9:00 pm to 8:00 am Mon. – Fri., and all day Weekends and Holidays  
On-Peak 4:00 pm to 9:00 pm Mon. – Fri., excluding Holidays  
Other 8:00 am to 4:00 pm Mon. – Fri., excluding Holidays

Holidays shall be: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

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SCHEDULE 46  
GENERAL SERVICE

Availability

Available to any commercial member for all uses except irrigation. Members requesting service under this rate schedule must remain on this rate schedule for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available secondary voltages.

Monthly Rate

Fixed Charge		\$28.00
Demand Charge		
Summer (June-Aug)	@	\$11.75 per kW
Other	@	\$ 8.65 per kW
Energy Charge		
First 200 kWh per kW	@	\$0.06637 per kWh
Next 200 kWh per kW	@	\$0.05637 per kWh
Over 400 kWh per kW	@	\$0.04637 per kWh
Plus Applicable Taxes		

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Determination of Metered Demand

The Metered Demand in kilowatts shall be the greatest 15-minute demand (subject to power factor adjustment) during the month for which the bill is rendered. Demand will be read to the nearest 0.01 kilowatt.

Determination of Energy Charge

The energy (kWh) billed in each rate block is determined in relation to the monthly demand (kW). The energy in the first block includes the first 200 kWh multiplied by the monthly metered demand. The second block includes the next 200 kWh multiplied by the monthly metered demand. All energy in excess of 400 kWh multiplied by the monthly metered demand is billed under the third block.

Power Factor Adjustment

The member agrees to maintain as near unity power factor as practicable. The Association reserves the right to measure such power factor at any time. Should such measurements indicate that the average power factor is less than 90 percent, the demand for billing purposes shall be the demand as recorded by the demand meter multiplied by 90 percent and divided by the percent power factor.

Minimum Monthly Charge

The Minimum Monthly Charge under the above rate shall be the Fixed Charge plus \$1.00 per kW of the highest billing demand during the preceding 11 months.

Primary Voltage Service

A discount of \$0.15/kW of Billing Demand will be applied to the bill when service is taken by the member at the available primary voltage. If primary metering is used, an additional discount of 2.0 percent shall be applied to the bill. The 2.0 percent discount shall be applied after the \$0.15/kW discount.

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SCHEDULE 49  
GEOTHERMAL HEAT PUMP RIDER

Availability

Available to any commercial member for energy used by a geothermal heat pump system. Members requesting service under this rate schedule must be taking service concurrently under Rate Schedule 41 or 46. Service is subject to the established rules and regulations of the Association.

Type of Service

Single phase or three phase, 60 hertz, at available primary or secondary voltages.

Rate

Energy Charge                      \$0.0600 per kWh  
Plus applicable taxes

Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.

Metering

The geothermal heat pump system must be separately, parallel metered from all other loads at the premise. Service will not be sub-metered.

Power Factor

The member agrees to maintain as near unity power factor as practicable. The Association reserves the right to measure such power factor at any time. Should such measurements indicate that the average power factor is less than 90 percent, the energy for billing purposes shall be adjusted accordingly.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in purchased power costs, incremental changes in Dakota Electric's conservation tracker account balance, and incremental changes in real and personal property taxes above or below the appropriate base costs. The conservation tracker account factor shall be calculated as described in the Resource Adjustment Rider (Sheet 39). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 39.5). The purchased power cost factor shall be adjusted by \$0.0001 per kWh, or major fraction thereof, of which the Association's total projected power cost per kilowatt-hour for this service annually exceeds, or is less than, \$0.0475 per kWh sold. The year used for the annualized RTA will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted as necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

DAKOTA ELECTRIC ASSOCIATION  
4300 220<sup>th</sup> Street West  
Farmington, MN 55024

INTERIM  
SECTION: V  
SHEET: 48  
ORIGINAL

## INTERIM RATE ADJUSTMENT RIDER

### Availability

#### The 1.5% Interim Rate Adjustment applies to:

1. Fixed Charge
2. Energy Charge
3. Demand Charge
4. Resource and Tax Adjustment
5. Minimum Charges
6. Energy Charge Credits
7. Voltage Discounts
8. Lighting Rates per Luminaire
9. Low Wattage Unmetered Service
10. Standby Reservation Fees
11. Controlled Air Conditioning and Water Heating Discounts

#### The Interim Rate Adjustment does not apply to:

1. Municipal Civil Defense Sirens
2. Special Fees or Charges
3. Competitive Service Rider
4. Franchise Fee Surcharge Rider
5. Optional Renewable Energy Rider
6. Member Energy Exchange Rider
7. Voluntary Energy Reduction Rider
8. Late Payment Charge

This temporary Interim Rate Adjustment Rider will expire when final rates become effective.

### Rate

Each rate schedule that the Interim Rate Adjustment applies to contains the following text:

#### Interim Rate Adjustment

A 1.5% Interim Rate Adjustment will be applied as specified in the Interim Rate Adjustment Rider effective for service rendered on and after September 11, 2014.