

Compliance Schedule H

“Redline” Tariff Sheets

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: III
SHEET: 2
REVISION: 4

Deleted: 3

INDEX OF SERVICE AREAS

(All areas are in Dakota County unless otherwise indicated.)

Incorporated Areas

Apple Valley
Burnside – Goodhue County
Burnsville
Cannon Falls
Coates
Eagan
Farmington
Hastings
Inver Grove Heights
Lakeville
Miesville
New Trier
Rosemount
Vermillion

Unincorporated Areas

Cannon Falls - Township - Goodhue County
Castle Rock Township
Credit River Township - Scott County
Douglas Township
Empire Township
Eureka Township
Greenvale Township
Hampton Township
Marshan Township
New Market Township - Scott County
Nininger Township
Randolph Township
Ravenna Township
Sciota Township
Stanton Township - Rice County
Vermillion Township
Waterford Township
Webster Township - Rice County
Welch Township - Goodhue County

Formatted: Indent: First line: 0"

Formatted Table

Deleted: 3/03/03

Deleted: _

Deleted: _

Deleted: 03-261

Deleted: _

Deleted: : 1/01/04

Deleted: _/_

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: IV
SHEET: 2
REVISION: 3

Deleted: 2

TERMS AND ABBREVIATIONS

Association	Dakota Electric Association
Billing Period	Time between two successive electric bills -- as near as practicable to 30 days
Commission	Minnesota Public Utilities Commission
<u>Cooperative.</u>	<u>Dakota Electric Association</u>
Member- <u>Owner</u> , Consumer, Consumer/Member Member- <u>Owner</u> /Consumer, Customer	Any person, firm, or corporation receiving electric service from Dakota Electric Association
Seasonal	Designated consumer/member who receives electric service part-time or only during certain months of the year
Year round	On a regular, daily basis, all months of the year

Formatted: Indent: First line: 0"

Other terms used are standard throughout the electric industry.

Deleted: 3/12/09

Deleted: _

Deleted: _

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 2
REVISION: 11

Deleted: 10

DAKOTA ELECTRIC ASSOCIATION
ELECTRIC RATE BOOK

<u>RATE</u>	<u>CLASSIFICATION</u>	<u>SHEET</u>
31	RESIDENTIAL AND FARM SERVICE	3
32	RESIDENTIAL AND FARM DEMAND CONTROL RATE	3.5
33 (EV-1)	<u>PILOT – RESIDENTIAL ELECTRIC VEHICLE SERVICE</u>	4.0
36	IRRIGATION SERVICE	5.0 Deleted: 4
41	SMALL GENERAL SERVICE	6.0 Deleted: 15
	VOLUNTEER FIRE DEPARTMENT RIDER	6.5 Deleted: 17
44	SECURITY LIGHTING SERVICE	11 Deleted: 44
44-1	STREET LIGHTING SERVICE (MEMBER-OWNED)	12.0 Deleted: 45
44-2	STREET LIGHTING SERVICE (DEA-OWNED EQUIPMENT)	13.0 Deleted: CUSTOMER
44-3	CUSTOM RESIDENTIAL STREET LIGHTING (DEA-OWNED CONTRIBUTION BY MEMBER)	13.5 Deleted: 46
45	LOW WATTAGE UNMETERED SERVICE	15 Deleted: 19
46	GENERAL SERVICE	16.0 Deleted: 47
	SEASONAL <u>MEMBER</u> RIDER	17 Deleted: 22
47	MUNICIPAL CIVIL DEFENSE SIRENS	18 Deleted: 23
49	GEOTHERMAL HEAT PUMP RIDER	19.0 Deleted: 24
51	CONTROLLED ENERGY STORAGE	21 Deleted: 26
52	CONTROLLED INTERRUPTIBLE SERVICE	22 Deleted: 2
53	RESIDENTIAL AND FARM SERVICE TIME-OF-DAY RATE	23.0 Deleted: 28
54	GENERAL SERVICE OPTIONAL TIME-OF-DAY RATE	24.0 Deleted: 30
55	RESIDENTIAL AND FARM SERVICE TIME-OF-DAY RATE	25.0 Deleted: 34
60	RIDER FOR STANDBY SERVICE	31.0 Deleted: 35
61	RIDER FOR DISTRIBUTED GENERATION	32.0 Deleted: 36
70	INTERRUPTIBLE SERVICE (FULL INTERRUPTIBLE OPTION)	41.0 Deleted: 41
71	INTERRUPTIBLE SERVICE (PARTIAL INTERRUPTIBLE OPTION)	42.0 Deleted: 38
80	CYCLED AIR CONDITIONING SERVICE	43 Deleted: 39
90	OPTIONAL RENEWABLE ENERGY RIDER	44 Deleted: 39.1
	SPECIAL FEES OR CHARGES	45 Deleted: 39.5
	RESOURCE ADJUSTMENT RIDER	51 Deleted: 40
	<u>ENERGY COST ADJUSTMENT RIDER</u>	52 Deleted: 21.5
	PROPERTY TAX ADJUSTMENT RIDER	53 Deleted: 42
	FRANCHISE FEE SURCHARGE RIDER	54.0 Deleted: 43
	COMPETITIVE SERVICE RIDER	55.0 Deleted: 3/12/09
	MEMBER ENERGY EXCHANGE RIDER	56.0 Deleted: _
	VOLUNTARY ENERGY REDUCTION RIDER	57 Deleted: _
		Deleted: 09-175
		Deleted: _
		Deleted: 7/17/10 _/_/_

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 3
REVISION: 16

Deleted: 5

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		\$9.00 per month
Energy Charge		
Summer (June-Aug)	@	\$0.1308 per kWh
Other	@	\$0.1168 per kWh
Plus Applicable Taxes		

Deleted: 8

Deleted: 1544

Deleted: 0144

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0903 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.

Deleted: 39

Deleted: 39.5

Deleted: 781

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

Deleted: 2/3/12

Deleted: _

Deleted: _

Deleted: M

Deleted: 12-115

Deleted: _

Deleted: 7/12/12

Deleted: _

Deleted: _

Deleted: _

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.

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 3.5
REVISION: 8

SCHEDULE 32
RESIDENTIAL AND FARM DEMAND CONTROL RATE

Availability

Available to residential and farm members with at least 5 kW of qualifying off-peak loads as determined by the Association. 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	\$12.00 per month
Energy Charge	\$0.0760 per kWh
Demand Charge	
Summer (June-Aug) @	\$14.70 per kW
Other @	\$11.10 per kW
Plus Applicable Taxes	

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 \$12.00 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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0903 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, 2014. 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.

Issued: 7/2/14

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

Effective: 11/12/15

Deleted: 7

Deleted: controlled electric heating units

Deleted: 1

Deleted:

Deleted: 6480

Deleted: 2.9

Deleted:

Deleted: 9.3

Deleted: 10

Deleted: 1

Deleted: f

Deleted: c

Deleted: 39

Deleted: 39.5

Deleted: 781

Deleted: 09

Deleted: 2/3/12

Deleted: _

Deleted: _

Deleted: M

Deleted: 12-115

Deleted: _

Deleted: 7/12/12

Deleted: _

Deleted: _

Deleted: _

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V
4.0
↓

Deleted: 44

Deleted: Original

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: 6.74¢ per kWh
On-Peak: 41.44¢ per kWh
Other: Schedule 31 energy charges apply
Plus RTA and applicable sales tax

Deleted: 5.85

Deleted: 37.85

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.

Formatted Table

Deleted: 8/7/12

Deleted: M-12-874

Deleted: 11/8/12

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V
4.1
↓

Deleted: 4

Deleted: Original

SCHEDULE EV-1
PILOT – RESIDENTIAL ELECTRIC VEHICLE SERVICE
CONTINUED

Metering

Electric service under this rate must be supplied through a sub-metered circuit (installed at the consumer's expense) and approved electric vehicle charging equipment. Installations must conform to the Association's specifications. The consumer shall supply, at no expense to Dakota Electric, a suitable location for meters and associated equipment used for billing and for load research. For purposes of monitoring consumer load under this pilot program, the Association may install load research metering at its expense.

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0903, 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.

Deleted: 39

Deleted: 39.5

Deleted: 781

Data Privacy

Participation in any load research effort as part of this schedule will be strictly voluntary. The Cooperative's use of such load research data will be strictly limited to the provision of electric service. The Cooperative will not disclose, share, rent, lease, or sell such data to any third party or affiliate for any other purpose, without the consumer's express, affirmative written informed consent.

Taxes

The rates set fourth are based on taxes as of January 1, 2014. 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.

Deleted: 09

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.

Formatted Table

Deleted: 8/7/12

Deleted: M-12-874

Deleted: 11/8/12

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 5.0
REVISION: 16

Deleted: 4

Deleted: 15

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		\$30.00 per month
Demand Charge		
Summer (June-Aug)	@	\$26.35 per kW
Winter (Dec-Feb)	@	\$20.95 per kW
Other	@	\$15.50 per kW
Energy Charge	@	\$0.0499 per kWh
Plus Applicable Taxes		

Deleted: 24

Deleted: 3.80

Deleted: 18.90

Deleted: 4.0

Deleted:

Deleted: 4767

Interruptible

Fixed Charge		\$30.00 per month
Demand Charge	@	\$4.55 per kW
Energy Charge	@	\$0.0499 per kWh
Plus Applicable Taxes		

Deleted: 24

Deleted:

Deleted: 0

Deleted:

Deleted: 4767

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 (100 percent) 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.

Deleted: 3/12/09

Deleted: _

Deleted: _

Deleted: 09-175

Deleted: _

Deleted: 1/01/12

Deleted: _

Deleted: _

Deleted: _

Minimum Monthly Charge

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

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 5.1
REVISION: 13

Deleted: 2

SCHEDULE 36
IRRIGATION SERVICE
(Continued)

Interruptible Requirements

Members that switch from Interruptible to Firm service during the calendar year will be billed the Firm service rate during the month the change was made. The member must remain on the Firm service rate for the remainder of the calendar year. This includes members that intentionally bypass the load control equipment.

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). The purchased power cost factor applicable to firm irrigation 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 \$0.0903, per kilowatt-hour sold. The energy cost factor shall be adjusted by \$0.0001 per kWh, or major fraction thereof, of which the Association's total projected power cost per kWh applicable to interruptible irrigation exceeds, or is less than, \$0.0497, 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 if necessary. The RTA shall be filed with the Public Utilities Commission each year before implementation.

Deleted: 39

Deleted: 39.5

Deleted: 781

Deleted: 31

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

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.

Formatted Table

Deleted: 2/3/12

Deleted: MR-12-115

Deleted: 7/12/12

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 6.0
REVISION: 8

Deleted: 7

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	\$14.00 per month
Energy Charge	
Summer (June-Aug)	@ \$0.1269 per kWh
Other	@ \$0.1129 per kWh
Plus Applicable Taxes	

Deleted: 0

Deleted: 1363

Deleted: 09963

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0903 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.

Deleted: 39

Deleted: 39.5

Deleted: 781

Deleted: 09

Deleted: 2/3/12

Deleted: _

Deleted: _

Deleted: M

Deleted: 12-115

Deleted: _

Deleted: 7/12/12

Deleted: _

Deleted: _

Deleted: _

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 11.0
REVISION: 15

Deleted: 4

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

Designation of Lamp

Monthly Rate Per Luminaire

175 Watt Mercury (Closed to new)
100 Watt High Pressure Sodium
150 Watt High Pressure Sodium
250 Watt High Pressure Sodium
Plus Applicable Taxes

~~\$13.07~~

~~\$10.10~~

~~\$11.99~~

~~\$15.79~~

Deleted: 11.96

Deleted: 9.45

Deleted: 11.04

Deleted: 14.23

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.

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 ~~51~~). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet ~~53~~). 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 \$0.0~~903~~, 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.

Deleted: 39

Deleted: 39.5

Deleted: 781

Taxes

The rates set forth are based on taxes as of January 1, 201~~4~~. 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.

Deleted: 09

Formatted Table

Deleted: 2/3/12

Deleted: MR-12-115

Deleted: 7/12/12

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 11.1
REVISION: 13

Deleted: 5

Deleted: 12

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.

Deleted: that are unmetered

Monthly Rate

Designation of Lamp

175 Watt Mercury (Closed to new)
250 Watt Mercury (Closed to new)
400 Watt Mercury (Closed to new)

Monthly Rate Per Luminaire

~~\$10.52~~
~~\$13.46~~
~~\$18.54~~

Deleted: 9.44

Deleted: 11.93

Deleted: 16.11

100 Watt High Pressure Sodium
150 Watt High Pressure Sodium
200 Watt High Pressure Sodium
250 Watt High Pressure Sodium
400 Watt High Pressure Sodium
Plus Applicable Taxes

~~\$7.56~~
~~\$9.46~~
~~\$11.41~~
~~\$13.25~~
~~\$17.67~~

Deleted: 6.93

Deleted: 8.53

Deleted: 10.18

Deleted: 11.72

Deleted: 15.25

Formatted Table

Deleted: 3/12/09

Deleted: _

Deleted: _

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 11.2
REVISION: 14

Deleted: 6

Deleted: 3

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

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0903, 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.

Deleted: 39

Deleted: 39.5

Deleted: 781

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

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.

Formatted Table

Deleted: 2/3/12

Deleted: MR-12-115

Deleted: 7/12/12

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 11.3
REVISION: 17

Deleted: 3

Deleted: 6

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

Designation of Lamp

Monthly Rate Per Luminaire

175 Watt Mercury (Closed to new)

~~\$15.23~~

Deleted: 14.11

250 Watt Mercury (Closed to new)

~~\$18.16~~

Deleted: 16.59

400 Watt Mercury (Closed to new)

~~\$23.25~~

Deleted: 20.78

100 Watt High Pressure Sodium

~~\$12.27~~

Deleted: 11.60

150 Watt High Pressure Sodium

~~\$14.16~~

Deleted: 13.19

250 Watt High Pressure Sodium

~~\$17.95~~

Deleted: 16.38

400 Watt High Pressure Sodium (Closed to new)

~~\$22.38~~

Deleted: 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.

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 ~~51~~). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet ~~53~~). 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 \$0.0~~903~~, 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.

Deleted: 39

Deleted: 39.5

Deleted: 781

Formatted Table

Deleted: 2/3/12

Deleted: MR-12-115

Deleted: 7/12/12

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 114
REVISION: 13

Deleted: 4

Deleted: 2

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

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

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 of \$1.00, whichever is greater, added to the balance.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 11.5
REVISION: 15

Deleted: 7

Deleted: 4

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

Designation of Lamp

Monthly Rate Per Luminaire

175 Watt Mercury (Closed to new)
50 Watt High Pressure Sodium
100 Watt High Pressure Sodium
150 Watt High Pressure Sodium
250 Watt High Pressure Sodium
Plus Applicable Taxes

\$11.37
\$6.70
\$8.41
\$10.30
\$14.09

Deleted: 10.28

Deleted: 6.36

Deleted: 7.77

Deleted: 9.36

Deleted: 12.55

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.

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0903, 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.

Deleted: 39

Deleted: 39.5

Deleted: 781

Formatted Table

Deleted: 2/3/12

Deleted: MR-12-115

Deleted: 7/12/12

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 11.6
REVISION: 10

Deleted: 8

Deleted: 9

SCHEDULE 44-3
CUSTOM RESIDENTIAL STREET LIGHTING
(DEA – OWNED CONTRIBUTION BYMEMBER)
(Continued)

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

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 of \$1.00, whichever is greater, added to the balance.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220TH Street West
Farmington, MN 55024

SECTION: V
SHEET: ~~15~~
REVISION: ~~3~~

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

\$~~10~~.00 per month per service location, plus applicable sales tax.

Taxes

The rates set forth are based on taxes as of January 1, 20~~14~~. 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

Deleted: 44

Deleted: .0

Deleted: 2

Deleted: 8

Deleted: .09

Deleted: _____
Issued: 3/12/09

Formatted Table

Deleted: _/_

Deleted: _

Deleted: _

Deleted: _

Issued: ~~7/2/14~~ Docket Number: E-111/GR-14-482 Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 16.0
REVISION: 3

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		\$34.00
Demand Charge		
Summer (June-Aug)	@	\$12.26 per kW
Other	@	\$ 9.16 per kW
Energy Charge		
First 200 kWh per kW	@	\$0.0776 per kWh
Next 200 kWh per kW	@	\$0.0676 per kWh
Over 400 kWh per kW	@	\$0.0576 per kWh
Plus Applicable Taxes		

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 (100 percent) 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.

Issued: 7/2/14

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

Effective: 11/12/15

Deleted: 45

Deleted: 2

Deleted: 28

Deleted: 11.75

Deleted: 8.65

Deleted: 6637

Deleted: 5637

Deleted: 4637

Deleted:

Formatted Table

Deleted: 3/12/09

Deleted: _

Deleted: _

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 161
REVISION: 3

Deleted: 45

Deleted: 2

SCHEDULE 46
GENERAL SERVICE
(Continued)

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0903, 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.

Deleted: 39

Deleted: 39.5

Deleted: 781

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

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.

Formatted Table

Deleted: 2/3/12

Deleted: MR-12-115

Deleted: 7/12/12

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 17
REVISION: 2

Deleted: 46

Deleted: 1

SEASONAL MEMBER RIDER

Availability

Available to members receiving service under rate schedules 46, 54, 70 or 71 and determined by the Association to be seasonal. Seasonal members qualifying for the Seasonal Member Rider are defined as businesses (service or production) that are closed or shut down for at least three consecutive months during the year. Service is subject to the established rules and regulations of the Association.

Deleted: 41,

Rider

If an account is determined to be seasonal in nature by the Association, the minimum monthly charge shall be the fixed charge for each month of the 12 month period. Minimum monthly demand provisions will not be applied. Members who elect to be disconnected during a portion of the year and then reconnected will be charged a disconnect and a reconnect fee as well as the monthly fixed charge for all 12 months.

Deleted: 3/12/09

Deleted: _

Deleted: _

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 18
REVISION: 5

Deleted: 9

Deleted: 4

SCHEDULE 47
MUNICIPAL CIVIL DEFENSE SIRENS

Availability

This rate will be available to governmental bodies for civil defense siren services where energy consumption is negligible.

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 when additional transformers are required. No initial charge will be made to run an overhead service wire from an existing transformer or for making connections to an existing underground feedpoint.

Monthly Rate

\$5.00/Month per Installation
Plus Applicable Taxes

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

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.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 19.0
REVISION: 4

Deleted:

Deleted:

Deleted: 47

Deleted: 3

SCHEDULE 49
GEOTHERMAL HEAT PUMP RIDER
(Closed to new consumers.)

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 \$0.0940 per kWh
Plus applicable taxes

Deleted: 0600

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 (100 percent) 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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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, \$0.0775 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.

Deleted: 39

Deleted: 39.5

Deleted: 4

Deleted: 3/12/09

Deleted: _

Deleted: _

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 19, 1
REVISION: 3

Deleted: 47

Deleted: 2

SCHEDULE 49
GEOTHERMAL HEAT PUMP RIDER
(Continued)

Conditions of Service

If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, poles, lines and other electric equipment on the load side of the delivery point shall be owned and maintained by the member.

If service is furnished at the Cooperative's primary line voltage, the delivery point shall be the point of attachment of the cooperative's primary line to member's transformer structure unless otherwise specified in the contract for service. All wiring, poles, lines and other electric equipment (except metering equipment) on the low side of the delivery point shall be owned and maintained by the member.

Taxes

The rates set forth are based on taxes as of January 1, 2014. The amount of any increase in existing or new taxes on the transmission, distribution or sales of electricity are allocable to sales here under, excluding real and personal property taxes already recovered through the RTA, shall be added to the above rate as appropriate.

Deleted: 09

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.

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14 Docket Number: E-111/GR-14-482 Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 21
REVISION: 16

Deleted: 2

Deleted: 15

SCHEDULE 51 CONTROLLED ENERGY STORAGE

Availability

Available to members taking service concurrently under rate schedules: 31, 41 and 46. 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.

Deleted: another

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 @ \$0.0440 per kWh
Plus Applicable Taxes.

Deleted: 0

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0200 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.

Deleted: 39

Deleted: 39.5

Deleted: 18

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. When feasible, new controlled energy storage loads should be on a separate service from Schedule 41 and 46 load.

Taxes

The rates set fourth are based on taxes as of January 1, 2014. 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.

Deleted: 09

Deleted: 1/14/11

Deleted: _

Deleted: _

Deleted: M-11-4914-

Deleted: 03/09/11

Deleted: _

Deleted: _

Deleted: _

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.

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 22
REVISION: 16

SCHEDULE 52
CONTROLLED INTERRUPTIBLE SERVICE

Availability

Available to member taking service concurrently under rate schedules 31, 41 and 46. 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 @ \$0.0550 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.

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0305, 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. When feasible, new controlled interruptible services loads should be on a separate service from Schedule 41 and 46 load.

Taxes

The rates set fourth are based on taxes as of January 1, 2014. 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.

Issued: 7/2/14

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

Effective: 11/12/15

Deleted: 3

Deleted: 15

Deleted: another

Deleted: 48

Deleted: 39

Deleted: 39.5

Deleted: 261

Deleted: 09

Deleted: 1/14/11

Deleted: _

Deleted: _

Deleted: M-11-4914- _

Deleted: 03/09/11

Deleted: _

Deleted: _

Deleted: _

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 23.0
REVISION: 10

Deleted: 4

Deleted: 9

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			\$12.00 per month
Energy Charge			
Summer – (June-Aug) Peak Period	@	\$0.1880	per kWh
Other – Peak Period	@	\$0.1740	per kWh
Off-Peak Period	@	\$0.0940	per kWh
Plus Applicable Taxes			

Deleted: 1

Deleted: 6000

Deleted: 4600

Deleted: 8250

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., <u>plus all day on holidays and weekends</u>

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0903 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.

Deleted: 39

Deleted: 39.5

Deleted: 781

Formatted Table

Deleted: 2/3/12

Deleted: _

Deleted: _

Deleted: MR-12-11514-_

Deleted: 7/12/12

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 23.1
REVISION: 6

Deleted: 5

Deleted: 5

SCHEDULE 53
RESIDENTIAL AND FARM SERVICE
TIME-OF-DAY RATE
(Continued)

Taxes

The rates set forth are based on taxes as of January 1, 20~~14~~. 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.

Deleted: 09

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.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 24.0
REVISION: 13

Deleted: 6

Deleted: 12

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		\$36.00 per month
Peak Period Demand Charge		
Summer (June-Aug)	@	\$24.85 per kW
Winter (Dec-Feb)	@	\$18.95 per kW
Other	@	\$13.00 per kW
		Plus
Maximum Demand Charge	@	\$ 4.75 per kW
Energy Charge	@	\$0.0499 per kWh
Plus Applicable Taxes		

Deleted: 0

Deleted: 1.70

Deleted: 6.30

Deleted: 0.95

Deleted: 30

Deleted: 4394

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. <u>plus all day on holidays and weekends</u>

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.

Deleted: b

Deleted: d

Formatted Table

Deleted: 1/14/11

Deleted: _

Deleted: _

Deleted: M-11-4914-__

Deleted: 03/09/11

Deleted: _

Deleted: _

Deleted: _

Minimum Monthly Charge

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

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 24.1
REVISION: 9

Deleted: 7
Deleted: 8

SCHEDULE 54
GENERAL SERVICE
OPTIONAL TIME-OF-DAY RATE
(Continued)

Power Factor Adjustment

The member agrees to maintain as near unity (100 percent) 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.

Primary Voltage Service

A discount of \$0.15/kW will be applied to the Maximum Billing Demand when the 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.

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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). 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 \$0.0903, 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.

Deleted: 39
Deleted: 39.5

Deleted: 781

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

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.

Formatted Table
Deleted: 2/3/12
Deleted: MR-12-115
Deleted: 7/12/12

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 25.0
REVISION: Orig

SCHEDULE 55
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		\$1 2 .00 per month
Energy Charges		
Peak Periods:		
Summer – (June-Aug)	@	\$0.27 10 per kWh
Winter – (Dec-Feb)	@	\$0.22 10 per kWh
Spring/Fall	@	\$0.17 50 per kWh
Intermediate Period	@	\$0.09 70 per kWh
Off-Peak Period	@	\$0.07 60 per kWh
Plus Applicable Taxes		

Deleted: 3

Deleted: 00

Deleted: 00

Deleted: 4

Deleted: 6

Deleted: 5

Definition of Periods

Peak Periods	4:00 p.m. to 11:00 p.m., excluding holidays and weekends
Intermediate Period	8:00 a.m. to 4:00 p.m., excluding holidays and weekends
Off-Peak Period	11:00 p.m. to 8:00 a.m. Mon-Fri and all day weekends and holidays

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 ~~51~~). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet ~~53~~). 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 \$0.09~~03~~ 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.

Deleted: 39

Deleted: 39.5

Deleted: 899

Formatted Table

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 25.1
REVISION: Orig

SCHEDULE 55
RESIDENTIAL AND FARM SERVICE
TIME-OF-DAY RATE
(Continued)

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: ~~31.0~~
REVISION: ~~2~~

Deleted: 28.0

Deleted: 1

SCHEDULE 60 RIDER FOR STANDBY SERVICE

Application

The Rider for Standby Service is required under the following provisions for any member needing scheduled maintenance service or unscheduled outage service who is receiving electric service under one of the Cooperative's firm retail electric rate schedules and who has entered into a contract with Cooperative for the interconnection and operation of an on-site extended parallel distributed generation system:

1. Contracts will be made for this service provided the Cooperative has sufficient capacity available in production, transmission and distribution facilities to provide such service at the location where the service is requested.
2. Power production equipment (distributed generation system) at the member site shall not operate in parallel with the Cooperative's system until the installation has been inspected by an authorized Cooperative representative and final written approval is received from the Cooperative to commence parallel operation.
3. The minimum term of service taken under this Rider shall be one (1) year or such longer period as may be required under an Electric Service Agreement. Following this initial one year period, a member receiving standby service may terminate standby service and establish service under a firm service tariff schedule within the same time frame as would be required of a new member with a similar firm service load. Such time frame may be dependent on the Cooperative's ability to adjust its generation capability, including reserve margin, for the increased firm load due to member's selection of firm service from the Cooperative.
4. Energy provided to the member under this Rider is limited to energy used during a forced outage or planned maintenance of the member's distributed generation system.

Exceptions to this Application include:

- A. Any member taking service under Cooperative's Rider for Parallel Generation as established under Minnesota Rules 7835 shall not be required to take service under this Rider for standby services required to temporarily back up distributed generation systems rated at less than 40 kW;
- B. Any member taking service under Cooperative's Rider for Distributed Generation Service shall not be required to pay for service under this Rider for standby services required to temporarily back up distributed generation systems rated at 60 kW or less. For any member with distributed generation systems rated at 60 kW or less, standby service will be available to members through their base rates;
- C. Any member, in lieu of service under this Rider, may provide physical assurance to ensure that standby service is not taken. A member requesting physical assurance shall agree to furnish and install an approved load limiting device which shall be set and sealed by Cooperative so that member's use of service will not exceed member's contracted demand. The installed cost of the load limiting device shall be paid by member.

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: ~~31.1~~
REVISION: ~~4~~

Deleted: 28.1

Deleted: 3

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	\$ 3.28	\$ 3.28
Distribution - Secondary Service	\$ 3.51	\$ 3.51

Deleted: 2.91

Deleted: 2.91

Deleted: 09

Deleted: 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; greatrivereenergy.com and DEA's Web site; dakotaelectric.com.

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.

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 31.2
REVISION: 2

Formatted: Centered

Deleted: 28.2

Formatted: Centered

Deleted: 1

SCHEDULE 60
RIDER FOR STANDBY SERVICE
CONTINUED

If usage of a firm standby member results in wholesale capacity charges to Cooperative, then the metered demand of such usage will be charged at the demand rate as contained in the base tariff to which this Rider is attached minus the applicable Reservation Fees paid by the member during such billing month. The reduction in the base tariff billing demand will be provided up to the amount of Contracted Standby Demand. Any metered demand for the member electrical usage from Cooperative that exceeds the Contracted Standby Demand level will be billed at the full demand rate specified in the base tariff. In addition, the member's Contracted Standby Demand will be adjusted as specified in the Billing Demand clause of this Rider. If the member registers electrical usage from Cooperative during a billing month that also coincides with the Cooperative's wholesale power supplier's applicable billing peak, then additional demand charges may be applied by Cooperative to ensure that the member fully compensates Cooperative for such wholesale power costs.

Power may not be available when needed for a non-firm standby member. If power is available and usage of a non-firm standby member results in wholesale capacity charges to Cooperative, then the metered demand of such usage will be charged at no less than the demand rate as contained in the base tariff to which this Rider is attached minus the applicable Reservation Fees paid by the member during such billing month. (Any higher demand charges for non-firm demand use will reflect higher wholesale demand costs incurred to provide such service.) The reduction in the base tariff billing demand will be provided up to the amount of Contracted Standby Demand. Any metered demand for member electrical usage from Cooperative that exceeds the Contracted Standby Demand level will be billed at the full demand rate specified in the base tariff. In addition, member's Contracted Standby Demand will be adjusted as specified in the Billing Demand clause of this Rider. If the member registers electrical usage from Cooperative during a billing month that also coincides with the Cooperative's wholesale power supplier's applicable billing peak, then additional demand charges may be applied by Cooperative to ensure that the member fully compensates Cooperative for such wholesale power costs.

Energy Charge

Energy actually used by a firm standby member under this Rider will be charged at the same energy rate as contained in the base tariff to which this Rider is attached.

If energy is available for a non-firm standby member, then energy actually used under this Rider will be charged at no less than the energy rate contained in the base tariff to which this Rider is attached. Any higher energy charges for non-firm energy use will reflect higher wholesale energy costs incurred to provide such energy.

Rate Adjustments

Bills shall be subject to all adjustments applicable to the base schedule to which this Rider is attached.

Billing Demand

The member shall contract for a specific kilowatt demand of standby service with the maximum being the amount sufficient to meet the member's requirements when the distributed generation system is not being operated. However, if standby power is not purchased, it will not be available. Moreover, the member must guarantee that the facility will never take more than the contracted amount of standby service. In the event the Contracted Standby Demand is exceeded in any month by a higher billing demand, such higher demand shall be considered as the new billing demand for the month. The billing demand for Reservation Fees thereafter shall be not be less than the newly established billing demand for the remainder of the contract. Such adjustment of billing demand applicable to Reservation Fees will recognize circumstances where on-going firm service is being provided in addition to standby service.

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 31.3
REVISION: 2

Deleted: 28.3

Deleted: 1

SCHEDULE 60
RIDER FOR STANDBY SERVICE
CONTINUED

Stranded Investment

Any member who installs load limiting equipment to ensure that standby service is not taken (physical assurance) and does not intend to deliver power into the distribution system will have the option of making a lump sum payment to Cooperative for stranded distribution investment. Dakota Electric shall provide support for the size of its proposed one-time charge to recover stranded distribution investments to physical assurance members before it begins collecting the charge. If such lump sum payment is not made, then the member r will be subject to distribution standby charges based on the member's typical demands incurred prior to requesting physical assurance status.

Billing and Terms of Payment

Billing and terms of payment shall be governed as set forth in the Cooperative's applicable base rate schedule.

Terms and Conditions of Service

1. The member shall execute an Electric Service Agreement with the Cooperative which shall specify:
 - a. Standard rate schedule (to which this Rider is attached);
 - b. Contracted Standby Demand;
 - c. Generator Nameplate Rating; and
 - d. Type of Standby Service (firm or non-firm).
2. Service hereunder is subject to Cooperative's *Interconnection Process for Distributed Generation Systems* and *Distributed Generation Interconnection Requirements* as may be modified from time-to-time. Current documents are available on DEA's Web site at dakotaelectric.com.
3. Cooperative will install all metering equipment necessary to monitor services provided to ensure adequate measurements are obtained to support necessary application of charges. The member will be charged an up-front lump sum for the installed cost of such metering equipment.
4. The member shall make provision for on-site metering. All energy received from and delivered to the Cooperative shall be separately metered. The Cooperative may require metering of the generation output.
5. The member shall pay for all interconnection costs incurred by the Cooperative made necessary by the installation of the distributed generation system.
6. The Cooperative reserves the right to disconnect the member's generator from its system if it interferes with the operation of the Cooperative's equipment or with the equipment of other Cooperative members.
7. The Cooperative shall not be obligated to supply standby service for a member's load in excess of the capacity for which the member has contracted.
8. The member shall be liable for all damages or costs caused by member's use of power in excess of contracted for capacity.
9. Cooperative may require the member to furnish and install an approved load limiting device which shall be set and sealed by Cooperative so that the member's use of service will not exceed the number of kilowatts contracted for by member.
10. The member shall annually furnish documentation to the Cooperative confirming the maximum capacity and reliability of the power source for which the member requires Standby Service.
11. Cooperative and the member will coordinate the planning and determining of a schedule for performance of periodic maintenance of the member's facilities, such maintenance shall be scheduled to avoid wholesale power billing costs or as agreed upon in the contract. Cooperative will require the member to provide reasonable notice of its proposed schedule for maintenance. The duration of the agreed maintenance schedule may thereafter be extended only with the consent of the

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: ~~31.4~~
REVISION: ~~2~~

Deleted: 28.4

Deleted: 1

SCHEDULE 60
RIDER FOR STANDBY SERVICE
CONTINUED

- Cooperative in response to the member's request received prior to the end of the maintenance period.
12. The Cooperative reserves the right to establish a minimum charge in order to recover the costs of facilities required to serve such load. Said charge shall be specified in the Electric Service Agreement.
 13. Cooperative may be reimbursed by the member for costs which are incurred, or which have been previously incurred, in providing facilities which are used principally or exclusively in supplying service for any portion of the member's requirements which are to be normally supplied from a source of power other than the Cooperative's electric system.
 14. All electricity delivered shall be for the exclusive use of the member and shall not be resold.
 15. Member shall indemnify Cooperative against all liability which may result from any and all claims for damages to property and injury or death to persons which may arise out of or be caused by the erection, maintenance, presence, or operation of the co-generation facility or by any related act or omission of the member, its employees, agents, contractors or subcontractors.

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 320
REVISION: 2

Deleted: 0

Deleted: 1

SCHEDULE 61 RIDER FOR DISTRIBUTED GENERATION

Application

The Rider for Distributed Generation is applicable as follows to any member taking service under one of the Cooperative's standard electric rate schedules and who has entered into an Electric Service Agreement with Cooperative for the interconnection and operation of an on-site extended parallel distributed generation system:

1. The distributed generation system must be an operable, permanently installed or mobile generation facility connected in parallel to the utility distribution system serving the member receiving retail electric service at the same site.
2. The distributed generation system must be fueled by either natural gas, a renewable fuel, or another similarly clean fuel or combination of fuels.
3. The distributed generation system can not have more than 10 MW of interconnected capacity at a point of common coupling to Cooperative's distribution system.
4. The interconnection and operation of the distributed generation system at each point of common coupling shall be considered as a separate application of the Rider.
5. All provisions of the applicable standard service schedule shall apply to distributed generation service under this Rider except as noted below.

In lieu of service under this Rider, the member and Cooperative may pursue reasonable transactions outside the Rider; or member may take service, as applicable, under Cooperative's Rider for Parallel Generation as established under Minnesota Rules 7835 – Cogeneration and Small Power Production.

Definitions

Member is an entity receiving retail electric service from Cooperative at the same site as the distributed generation system.

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

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).

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 321
REVISION: 2

SCHEDULE 61
RIDER FOR DISTRIBUTED GENERATION
CONTINUED

Supplemental service is electric energy, or energy and capacity, supplied by the Cooperative to the member when the member's non-utility source of electricity (distributed generation system) is insufficient to meet the member's own load. Supplemental Service can take two forms: residual retail service and load-following service. **Residual Retail Service** is intended for a Dakota Electric member who has an alternate source of electric energy supply which normally supplies only a portion of the member's electrical load requirements and who requires firm service for the remaining portion of the member's electrical requirements. Such Residual Retail Service is available under the Cooperative's firm retail electric rate schedule to which this rider is attached. **Load Following Service** is intended for a Dakota Electric retail member who has an alternate source of electric energy supply which has an output that is variable and dependent on the thermal load characteristics of the retail member and therefore, serves all or a portion of the member's electrical load requirements for a portion of the time and requires use of utility service for supply of energy at all other times. This load following service will be evaluated and contracted for on an individual basis with a member based on the specific variable load requirements of the member. Since a member may have control over the thermal load characteristics that affect the output of distributed generation facilities in this situation, we believe the best way of providing service is on an individual contracted basis. This will recognize that some members may rely on utility service during high cost on-peak periods while other members may require such utility service only during lower cost off-peak periods.

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*.

Services

Services provided under this Rider may include services from the Cooperative to member and from member to Cooperative. The following rates, charges, credits and payments are applicable for such services in addition to all applicable charges for service being taken under Cooperative's standard rate schedule:

Services from Cooperative to Member

A monthly service charge to recover incremental metering, operation, and maintenance costs may be applied upon Commission approval.

Deleted: 0

Deleted: 1

Deleted: 03/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 322
REVISION: 2

Deleted: 0

Deleted: 1

SCHEDULE 61
RIDER FOR DISTRIBUTED GENERATION
CONTINUED

Services from Cooperative to Member

Interconnection Services

Interconnection services include services such as engineering/design studies, Cooperative system upgrades and testing as further described in Cooperative's *Distributed Generation Interconnection Requirements* and *Interconnection Process for Distributed Generation Systems*. Charges for such interconnection services shall be as described in the Cooperative's *Distributed Generation Interconnection Requirements* and *Interconnection Process for Distributed Generation Systems*.

Supply Services

Supply services include standby services such as scheduled maintenance and unscheduled outages as provided under Cooperative's *Rider for Standby Service*. Supplemental service is available under the Cooperative's firm retail electric rate schedule to which this Rider is attached.

Transmission Services

Transmission services include reservation and delivery of capacity and energy on either a firm or non-firm basis and those ancillary services that are necessary to support the transmission of capacity and energy from resources to loads while maintaining reliable operation over Transmission Providers' Transmission System. These ancillary services include services such as Scheduling, System Control and Dispatch Service, Reactive Supply and Voltage Control from Generation Sources, Regulation and Frequency Response, Generator Imbalance, Operating Reserve – Spinning Reserve and Operating Reserve – Supplemental Reserve. Transmission Services are provided as applicable under Cooperative's wholesale power supplier's approved Open Access Transmission Tariff (OATT).

Distribution Services

Distribution services include reservation and delivery of capacity and energy and those indirect services that are necessary to support the delivery of capacity and energy over Cooperative's distribution system. These indirect services include allocated support services or expenses such as operation and maintenance, member accounts, member service and information, administrative and general, depreciation, interest and taxes. Members requiring contracted distribution standby service of more than 60 kW and/or delivery of energy and capacity over Cooperative's distribution system to a third party will be charged for such distribution services at a rate equal to the distribution charge specified in the Cooperative's *Rider for Standby and Supplemental Service*.

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 32, 3
REVISION: 2

SCHEDULE 61
RIDER FOR DISTRIBUTED GENERATION
CONTINUED

Services from Member to Cooperative

Capacity/Energy

Member may sell all of the energy produced by the distributed generation system to the Cooperative, use all the distributed generation energy to meet its own electrical requirements, or use a portion of the energy from the distributed generation system to meet its own electrical needs and sell the remaining energy to the Cooperative.

If the member offers to sell energy to the Cooperative, then such energy and capacity shall be purchased by the Cooperative's wholesale power supplier under the rates, terms and conditions for such purchases as established by the wholesale power supplier. Great River Energy Rate Rider T is available on GRE's Web site; greatriverenergy.com, and on DEA's Web site; dakotaelectric.com.

Distribution Credits

A distribution credit may be given if the distributed generation system allows the Cooperative to defer or avoid distribution system upgrades. Distribution credits to the member should equal the Cooperative's avoided distribution costs resulting from the installation and operation of the distributed generation system. The Cooperative shall provide, upon member's written request, areas of the distribution system that could be likely candidates for distribution credits as determined through the Cooperative's normal planning process. The Cooperative shall also provide to the member the minimum size distributed generation system required in each of the areas to qualify for the distribution credit along with general operational requirements necessary for the distributed generation system to meet, so as to be able to receive distribution credits.

Upon receiving an interconnection application from the member for a distributed generation interconnection, along with a written request for distribution credits, the Cooperative will complete an initial screening study to determine if the project has the potential to receive distribution credits. The member shall be responsible for the cost of the screening study. If the Cooperative's study shows that there exists potential for distribution credit, the Cooperative shall, at its own expense, pursue further study to determine the distribution credit, as part of its annual distribution planning study. If distribution credits are identified, then such credits will be paid in conjunction with an agreement with the member to supply distribution support utilizing the member's generation system.

Line Loss Credits

If the member requests the Cooperative to provide a specific line loss study, at the member's expense regardless of the study's outcome, the member may be eligible for additional line loss credits if the study supports such credits.

Deleted: 0

Deleted: 1

Deleted: V

Deleted: 03/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 324
REVISION: 2

Deleted: 0

Deleted: 1

SCHEDULE 61
RIDER FOR DISTRIBUTED GENERATION
CONTINUED

Renewable Credits

If the member installs a renewable distributed generation system and the Cooperative's wholesale power supplier's purchase of energy and capacity from such facility allows the wholesale power supplier to avoid the need to purchase renewable energy elsewhere, then the purchase of such renewable energy and capacity will equal the avoided cost of renewable purchases as provided under the wholesale power supplier's applicable rates, terms and conditions for such purchases. In the event that the member producing the power receives renewable energy credits – that is, the member is paid by the purchasing company the avoided cost of renewable energy purchases – then this transaction will constitute a transfer from the member to the purchasing company of the property rights for those renewable attributes specific to the renewable energy generated by the member and for which the purchasing company paid renewable energy credits. The member may receive renewable credits or tradable emission credits but not both.

Tradable Emissions Credits

If the purchase of energy and capacity by the Cooperative's wholesale power supplier under the "must buy" provision described above results in the wholesale power supplier receiving an economic value associated with tradable emissions, then tradable emissions credits will be provided to the member under terms established by the wholesale power supplier that equal the credit revenues associated with the DG facilities of such emission credits received by the wholesale power supplier. The member may receive either renewable credits or tradable emissions credits but not both.

Terms and Conditions of Service

The following terms and conditions apply to this Rider:

1. Service hereunder is subject to Cooperative's *Interconnection Process for Distributed Generation Systems* and *Distributed Generation Interconnection Requirements* as may be modified from time-to-time. Current documents are available on DEA's Web site: dakotaelectric.com.
2. Cooperative will install all metering equipment necessary to monitor services provided to ensure adequate measurements are obtained to support necessary application of rates, charges, credits and payments. The member will be charged an up-front lump sum for the installed cost of such metering equipment.
3. The member will be compensated monthly for all energy delivered to Cooperative's wholesale power supplier. The timing for these payments is subject to annual review.
4. The member shall make provision for on-site metering. All energy received from and delivered to the Cooperative shall be separately metered. The Cooperative may require metering of the generation output.

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, Minnesota 55024

SECTION: V
SHEET: 32.5
REVISION: 2

Deleted: 0

Deleted: 1

SCHEDULE 61
RIDER FOR DISTRIBUTED GENERATION
CONTINUED

5. The member shall pay for all interconnection costs incurred by the Cooperative made necessary by the installation of the distributed generation system.
6. Power and energy purchased by the member from the Cooperative shall be under the applicable retail rates for the purchase of electricity.
7. The Cooperative reserves the right to disconnect the member's generator from its system if it interferes with the operation of the Cooperative's equipment or with the equipment of other Cooperative members.
8. The member shall execute an Electric Service Agreement with the Cooperative which may include, among other provisions, a minimum term of service.

Billing and Terms of Payment

Billing and terms of payment shall be governed as set forth in the Cooperative's applicable base rate schedule.

To the extent that Cooperative receives service from a member under this Rider, payment for such services shall be netted against any charges for Cooperative-supplied services hereunder.

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: ~~41.0~~
REVISION: ~~6~~

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		\$ 110.00 per month
Communication Fee (meters w/ digital cellular)		\$8.70 per month
Coincidental Demand		
Summer (June-Aug)	@	\$ 24.85 per kW
Winter (Dec-Feb)	@	\$ 18.95 per kW
Other	@	\$ 13.00 per kW
Non-Coincidental Demand	@	\$ 4.75 per kW
Energy Charge	@	\$ 0.0499 per kWh
Failure to Control Charge	@	\$ 5.00 per kW
Plus Applicable Taxes		

Deleted: 8

Deleted: 1.70

Deleted: 6.30

Deleted: 0.95

Deleted: 30

Deleted: 4394

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 (subject to power factor adjustment) 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 one 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 one 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.

Formatted Table

Deleted: 4/29/11

Deleted: _

Deleted: _

Deleted: M-11-39314-__

Deleted: 08/08/11

Deleted: 8

Deleted: 3

Deleted: _

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: ~~41~~.1
REVISION: ~~4~~

Deleted: 34

Deleted: 3

SCHEDULE 70
INTERRUPTIBLE SERVICE
(FULL INTERRUPTIBLE OPTION)
(Continued)

Minimum Billing Demand

The Minimum Billing Demand for any billing period shall be no less than 50 percent of the highest non-coincidental demand during the preceding 11 months.

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.

Primary Voltage Service

A discount of \$0.15 per 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 per kW discount.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in wholesale power costs, 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 ~~51~~). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet ~~53~~). The energy 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 applicable to this service exceeds, or is less than \$0.04~~97~~, per kilowatt-hour sold as described in the Energy Cost Adjustment Rider (ECA) (Sheet ~~52~~). 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.

Deleted: 39

Deleted: 39.5

Deleted: 31

Deleted: 39.1

Taxes

The rates set forth are based on taxes as of January 1, 20~~14~~. 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.

Deleted: 09

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.

Deleted: 2/3/12

Deleted: _

Deleted: _

Deleted: MR-12-11514-__

Deleted: 7/12/12

Deleted: _

Deleted: _

Deleted: _

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 420
REVISION: 6

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		\$110.00 per month
Communication Fee (meters w/ digital cellular)		\$8.70 per month
Coincidental Demand		
Summer (June – Aug)	@	\$24.85 per kW
Winter (Dec – Feb)	@	\$18.95 per kW
Other	@	\$13.00 per kW
Non-Coincidental Demand	@	\$ 4.75 per kW
Energy Charge	@	\$ 0.0499 per kWh
Excess Demand Charge	@	\$ 5.00 per kW
Plus Applicable Taxes		

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 (subject to power factor adjustment) 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 actual hourly demand (subject to power factor adjustment) 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).

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.

Issued: 7/2/14

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

Effective: 11/12/15

Deleted: 35

Deleted: 5

Deleted: 8

Deleted: 1.70

Deleted: 6.30

Deleted: 0.95

Deleted: 30

Deleted: 4394

Formatted: Indent: Left: 0.5"

Deleted: highest actual 15 minute demand during any control period. ¶

Formatted Table

Deleted: 4/29/11

Deleted: _

Deleted: _

Deleted: M-11-39314-__

Deleted: 08/08/11

Deleted: _

Deleted: /_

Deleted: _

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 42 1
REVISION: 4

SCHEDULE 71
INTERRUPTIBLE SERVICE
(PARTIAL INTERRUPTIBLE OPTION)
(Continued)

Excess Demand Charge

The Excess Demand Charge will be applied to the Coincidental Demand that exceeds the Predetermined Demand Level (PDL) for a member using the partial interruptible control option when the member does not reduce demand to the PDL during a control period. The Excess Demand Charge is applied per month.

Minimum Billing Demand

The Minimum Billing Demand for any billing period shall be no less than 50 percent of the highest non-coincidental demand during the preceding 11 months.

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.

Primary Voltage Service

A discount of \$0.15 per 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 per kW discount.

Resource and Tax Adjustment (RTA)

The Energy Charge shall be adjusted for incremental changes in wholesale power costs, Dakota Electric's conservation tracker account balance, and 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 51). The real and personal property tax factor shall be calculated as described in the Property Tax Adjustment Rider (Sheet 53). The energy 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 applicable to this service exceeds, or is less than \$0.0497, per kilowatt-hour sold as described in the Energy Cost Adjustment Rider (ECA) (Sheet 52). 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, 2014. 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.

Deleted: 35

Deleted: 3

Deleted: 39

Deleted: 39.5

Deleted: 31

Deleted: 39.1

Deleted: 09

Deleted: 2/3/12

Deleted: _

Deleted: _

Deleted: MR-12-11514-__

Deleted: 7/12/12

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V
43
6

Deleted: 36

Deleted: 5

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 @ \$0.0320 per kWh

Deleted: 0

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 \$13.00 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.

Deleted: 2

Deleted: -

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 \$6.50 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.

Deleted: 0

Plus Applicable Taxes

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

Deleted: 1

Formatted Table

Deleted: 3/12/09

Deleted: _

Deleted: _

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

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.

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 4
REVISION: 1

Deleted: 1

Deleted: 13

SCHEDULE 90 OPTIONAL RENEWABLE ENERGY RIDER

Availability

Available to any member taking service concurrently under another rate schedule. This rate is for the purchase of energy from renewable sources such as wind, biomass and solar. Members requesting service under this optional rider must remain on the rider for a minimum of 12 months. Service is subject to the established rules and regulations of the Association.

Subscription Requirement

Members desiring to participate in the Optional Renewable Energy Rider will specify either a fixed or a variable monthly amount of renewable energy (in one or more 100 kWh blocks) that they will purchase. The fixed monthly subscription level may not exceed a member's lowest actual or estimated monthly consumption level. Under the variable monthly subscription, the member will automatically purchase the maximum number of 100 kWh blocks or renewable energy each month that does not exceed the member's actual consumption level for that month.

Deleted: the average monthly amount of renewable energy (in 100 kWh blocks) that they will purchase. Members may subscribe for more than one 100 kWh block. A subscription level may not exceed a member's actual or estimated minimum monthly consumption level.

Monthly Rate

Renewable Energy (per 100 kWh)	\$0.4000
Plus Applicable Taxes	

The monthly renewable energy rate will consist of the wholesale power cost for this service plus any over- or under-recovery balance from the prior year. This monthly renewable energy rate will be shown as a separate line item on a member's bill. This charge per 100 kWh is in addition to the applicable rate schedule currently serving the member.

Rate Adjustments

The monthly rate will be adjusted under the following two circumstances. First, the rate will change to reflect changes in wholesale power costs associated with this service. Dakota Electric will file such wholesale rate adjustment calculations with the Minnesota Public Utilities Commission prior to implementing the rate revision. Second, the monthly rate will include any over- or under-recovery of renewable energy costs approved for recovery under this rider. In early January each year, Dakota Electric will submit a filing to the PUC documenting any change in wholesale power costs and any over- or under-recovery of renewable energy costs for the prior calendar year.

Taxes

The rates set forth are based on taxes as of January 1, 2014. 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.

Deleted: 09

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.

Deleted: _/_

Formatted Table

Deleted: _

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V
~~45~~
7

Deleted: 38

Deleted: 6

SPECIAL FEES OR CHARGES

1. Meter Test at Member's Request

Single Phase\$~~85~~.00
Three Phase\$~~100~~.00

Deleted: 7

Deleted: 85

2. Bad Check\$15.00

3. Reconnection Charge (after disconnect, same consumer)

a. Self-contained Metering (one person, one vehicle)

1) Working hours\$~~50~~.00
2) Outside normal working hours.....\$~~130~~.00

Deleted: 45

Deleted: 2

b. Current Transformer-rated Metering (two-person crew, one truck)

1) Working hours\$~~175~~.00
2) Outside normal working hours.....\$~~315~~.00

Deleted: 50

Deleted: 270

4. Service Charge

(outside normal working hours when problem is not with Association's equipment)

Two-person crew, one truck.....\$~~280~~.00

Deleted: DEA's

Deleted: 7

5. Load Management Service Charge

(when problem is not with Association's equipment)

1) Working hours.....\$~~70~~.00
2) Outside normal working hours.....\$~~140~~.00

Deleted: Dakota Electric's

Deleted: 6

Deleted: 2

6. Pulse Meter (materials and installation)\$~~500~~.00

Deleted: 35

7. Temporary Service

a. Non-Winter Months\$~~205~~.00
b. Winter Months (Oct 15 – Apr 15)\$~~340~~.00

Deleted: 0

Deleted: 25

8. Transfer/Connection Charge\$17.50

9. Member Contracted Hourly Work

Dakota Electric is periodically asked to perform on-site service work. Such services will be provided at a pre-arranged hourly rate.

Deleted: 3/12/09

Deleted: _

Deleted: 09-175

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: 4

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V
~~51~~
~~3~~

Deleted: 39

Deleted: 2

RESOURCE ADJUSTMENT RIDER

Application

Applicable to all bills for retail electric service that include a purchased power cost adjustment clause.

Resource Adjustment (RA)

Monthly member energy charges shall be adjusted for changes in purchased power costs and changes in Dakota Electric's Tracker Account balance. These two changes shall be reflected on member bills through a Resource Adjustment. The applicable RA factor shall be determined annually as described below.

Determination of the Resource Adjustment Factor

The Resource Adjustment factor shall be determined by adding the annualized power cost adjustment factor to the most recent year-ending Tracker Account factor. The Tracker Account factor shall be the quotient of the recoverable Tracker balance, divided by projected retail energy sales that are applied in the power cost adjustment factor

The year used for the annualized Resource Adjustment will be January 1 through December 31. The projection shall be reviewed after six months (July) and adjusted if necessary. The RA shall be filed with the Public Utilities Commission each year before implementation.

All costs appropriately charged to Dakota Electric's Tracker Account shall be eligible for recovery through this adjustment. Revenues received from the application of the RA shall be applied toward power costs and the Tracker Account in a manner consistent with the determination of the RA factor.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V
52
1

Deleted: 39.1

Deleted: ORIGINAL

ENERGY COST ADJUSTMENT RIDER

Application

Applicable to service provided under Interruptible Service Schedule 70, Schedule 71 and Interruptible Irrigation (Schedule 36).

Determination

The Energy Cost Adjustment (ECA) will increase/decrease by \$0.0001 per kilowatt-hour for every corresponding \$0.0001 increase/decrease in Dakota Electric's projected wholesale cost per kilowatt-hour sold applicable to Schedule 70, Schedule 71, and Interruptible Irrigation. Total projected energy costs for this service will include all energy costs for energy supply excluding costs for load management programs and including applicable wholesale energy cost adjustments. This adjustment will be calculated annually and applied monthly on member bills.

Formatted Table

Deleted: 03/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION

V

53

3

Deleted: 39.5

Deleted: 2

PROPERTY TAX ADJUSTMENT RIDER

Application

Applicable to all bills for retail electric service under Dakota Electric's retail rate schedules.

Rider

There shall be included on each member's bill a Property Tax Adjustment which shall be the applicable Property Tax Adjustment factor multiplied by the member's energy usage before any applicable city surcharge or sales tax. The Property Tax Adjustment factor shall be reflected on member bills through a "Resource and Tax Adjustment" line item on member bills. The applicable Property Tax Adjustment factor shall be determined annually as described below.

Determination of the Property Tax Adjustment Factor

The Property Tax Adjustment factor shall be determined by first allocating the incremental annual property tax expense to each class according to each class' relative responsibility for property taxes as determined in the most recent general rate case class cost of service study. Each class allocation will then be divided by projected retail energy sales applicable to each class to determine the property tax adjustment factor for each class.

Calendar-year property tax adjustment factors will be recovered during the period from January 1 through December 31. The property tax adjustment factor shall be filed with the Public Utilities Commission each year before implementation.

Recoverable Property Tax Expenses

Recoverable Property Tax expenses shall be the incremental property tax expense not recovered through base rates as estimated for the designated projected twelve month recovery period, plus unrecovered or less over-recovered Recoverable Property Tax expenses for a prior designated twelve month recovery period.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: 54.0
REVISION: 8

Deleted: 40

Deleted: 7

FRANCHISE FEE SURCHARGE RIDER

Application

A surcharge will be included in the monthly bills computed under the indicated rate schedules effective in the following Minnesota Communities.

The Cooperative remits 100% of the franchise fees collected to the local government.

Rate Schedules		Apple Valley ^a (2.0%)
Residential and Farm Service	(Schedule 31)	X
Residential and Farm Demand Control Rate	(Schedule 32)	X
Residential Electric Vehicle Service	(Schedule 33)	X
Irrigation Service	(Schedule 36)	X
Small General Service	(Schedule 41)	X
Security Lighting Service	(Schedule 44)	X
Street Lighting Service	(Schedule 44-1)	X
Street Lighting Service	(Schedule 44-2)	X
Custom Residential Street Lighting	(Schedule 44-3)	X
Low Wattage Unmetered Service	(Schedule 45)	X
General Service	(Schedule 46)	X
Municipal Civil Defense Sirens	(Schedule 47)	X
Geothermal Heat Pump	(Schedule 49)	X
Controlled Energy Storage	(Schedule 51)	X
Controlled Interruptible Service	(Schedule 52)	X
Residential and Farm Time-of-Day Service	(Schedule 53)	X
General Service Optional Time-of-Day Rate	(Schedule 54)	X
Residential and Farm Time-of-Day Service	(Schedule 55)	X
Standby Service Rider	(Schedule 60)	X
Distributed Generation Rider	(Schedule 61)	X
Interruptible Service (Full Interruptible Option)	(Schedule 70)	X
Interruptible Service (Partial Interruptible Option)	(Schedule 71)	X
Cycled Air Conditioning Service	(Schedule 80)	X
Renewable Energy Rider	(Schedule 90)	X

a. The maximum fee that will be applied to any account will not exceed \$25.00 per month.

Formatted Table

Deleted: 10/11/11

Deleted: E,G-999/CI-09-970

Deleted: 10/5/11

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V
SHEET: ~~54~~.1
REVISION: ~~2~~

Deleted: 40

Deleted: 1

FRANCHISE FEE SURCHARGE RIDER (Continued)

Notification

The Cooperative will notify the Minnesota Public Utilities Commission of any new, renewed, expired, or changed fee, authorized by Minn. Stat. § 216B.36 to raise revenue, at least 60 days prior to its implementation. If the Cooperative receives less than 60 days' notice of a repealed or reduced fee from a city, the Cooperative will notify the Minnesota Public Utilities Commission within 10 business days of receiving notice. Notification to the Minnesota Public Utilities Commission will include a copy of the relevant franchise fee ordinance, or other operative document authorizing imposition of, or change in, the fee.

When a new franchise fee is implemented, the Cooperative will notify affected consumers through a joint letter mailed on behalf of the Cooperative and local government entity imposing the franchise fee. Such joint letters will be submitted to the Commission along with other relevant documentation referenced above and will at least include the following statement:

The Cooperative provides electric service within the City limits under the terms of a Franchise Agreement with MUNICIPALITY. An electric Franchise Fee of X% OF GROSS REVENUES/\$X PER METER/\$ PER KWH will be imposed on consumers effective MM/DD/YYYY. The line item will appear on your bill as "City Fee." The Cooperative remits 100% of this fee to the MUNICIPALITY."

The franchise fee will be labeled as "City Fee" on monthly bills.

Formatted Table

Deleted: 7/29/13

Deleted: E,G-999/CI-09-970

Deleted: 7/23/13

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V
~~55.0~~
2

Deleted: 21.5

Deleted: 1

COMPETITIVE SERVICE RIDER

Availability

Available at Association's discretion to Commercial and Industrial members that have electric service requirements which are subject to effective competition. Effective competition exists if a member is located in Association's service territory and has the ability to obtain its energy requirements from an energy supplier not rate-regulated by the Minnesota Public Utilities Commission.

Rate

Standard service rate provisions apply except the level of the demand and/or energy charges may be decreased for each member based on a consideration of member's load characteristics and lowest cost competitive energy supply.

Terms and Conditions of Service

1. Members must provide Association with information which documents that member is not likely to take service provided by any other electric tariff available from Association.
2. Minimum load served under this Rider is 500 kW.
3. Member must execute an electric service agreement with Association which will include:
 - a. The minimum rate under this Rider, which will recover at least the incremental cost of providing service, including the cost of incremental capacity that is to be added while the rate is in effect and any applicable on-peak or off-peak differential.
 - b. The maximum rate reduction possible under this Rider, which will not exceed the difference between the standard tariff and the cost to the member of the lowest cost competitive energy supply.
 - c. The term of service under this Rider, which must be no less than one year and no longer than five years.
 - d. The size of the load served under this Rider
 - e. Verification that member has been fully informed of the availability of an electric energy review. If no electric energy review is performed for member, an explanation of why an electric energy review was not necessary will be included.

Deleted: possible

Deleted: 3/12/09

Deleted: _

Deleted: _

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V
55.1
2

Deleted: 21.6

Deleted: 1

COMPETITIVE SERVICE RIDER
(Continued)

4. The Association within a general rate case is allowed to seek recovery of the difference between the standard tariff and this Rider times the usage level during the test year period.
5. A rate under this Rider shall meet the conditions of Minnesota Statutes, Section 216B.03, Reasonable Rate, for other members in this same member class.
6. Unless the Commission determines that it would be in the public interest, a rate under this Rider shall not compete with district heating and cooling provided by a district utility defined by Minnesota Statutes, Section 216B.166, Subdivision 2, paragraph (c).
7. A rate offered under this Rider may not be offered to a member in which the Association has a financial interest greater than 50 percent.

Regulatory Review

This rate offered under this Rider will be effective on an interim basis after filing by Association of the proposed rate with the Commission and upon the date specified in the electric service agreement. If the Commission does not approve the rate, Association may seek to recover the difference in revenues between the interim competitive rate and the standard tariff from the member who was offered the competitive rate.

The Commission has the authority to approve, modify or reject a rate under this Rider. If the Commission approves the competitive rate, it becomes effective as agreed to by the Association and member. If the competitive rate is modified by the Commission, the Commission shall issue an order modifying the competitive rate subject to the approval of the Association and the member. Each party has ten days in which to reject the proposed modification. If no party rejects the proposed modifications, the Commission's order becomes final. If either party rejects the Commission's proposed modifications, the Association on its behalf or on the behalf of the member, may submit to the Commission a modified version of the Commission's proposal. The Commission shall accept or reject the modified version within 30 days. If the Commission rejects the competitive rate, it shall issue an order indicating the reasons for the rejection.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/1710

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V
56.0
3

Deleted: 42

Deleted: 2

MEMBER ENERGY EXCHANGE RIDER

Availability

The Member Energy Exchange Program is available to any general service member with 100 kW minimum demand reduction capability taking service concurrently under either rate schedule 46, 70 or 71. This rider provides Dakota Electric and its power supplier(s) with the opportunity to pay members for reducing their energy needs during certain peak periods. Member participation during each individual exchange period is strictly voluntary. Members may elect to participate in an individual exchange period or decline without explanation. This rider is [available at the Cooperative's discretion](#).

Deleted: being offered on a pilot basis

Participation Requirements

The following participation requirements apply:

1. Member must provide a minimum electrical demand reduction of 100 kW;
2. Member loads covered by a load management program or rate are not eligible;
3. Member must reduce energy requirements for a minimum of two hours; and
4. Member may be required to reduce energy requirements for a maximum of six hours in any 24-hour period.

Notification and Pricing

Two options are available for customers participating in the Member Energy Exchange Program

Option A – This option is for a member requiring a 24-hour advance notice. Option A notification and pricing is as follows:

1. Member receives a day-ahead posted price;
2. Member indicates intended action plans for the next day;
3. Member receives a two-hour notification prior to the beginning of the energy reduction period;
4. Member curtails energy usage; and
5. Member receives a separate payment or a credit on the electric bill.

Formatted: Numbered + Level: 1 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.25" + Indent at: 0.5"

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION

V
~~56~~.1
~~2~~

Deleted: 42

Deleted: 1

MEMBER ENERGY EXCHANGE RIDER
(Continued)

Notification and Pricing (continued)

Option B – This option is for a member that can respond to a maximum two-hour notice. Option B notification and pricing is as follows:

1. Member receives a two-hour notification that includes the posted price prior to the beginning of the energy reduction period (Option B will be valued higher than Option A);
2. Member curtails energy usage; and
3. Member receives a separate payment or a credit on the electric bill.

Validation

The following metering and validation provisions will apply for participation in this program:

1. Member must have electronic 15-minute interval metering, interrogation software and telephone line;
2. An assessment of the verifiable energy reduction capability will be performed before a member may participate; and
3. The member's ability to reduce demand to the agreed-upon level will be tested and verified.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: ~~7~~/2/14

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

Effective: ~~11~~/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION:
SHEET:
REVISION:

V

~~57~~

~~2~~

Deleted: 43.0

Deleted: 1

VOLUNTARY ENERGY REDUCTION RIDER

Availability

The Voluntary Energy Reduction Rider is available to any General Service member that is demand metered. This rider provides Dakota Electric and its power supplier(s) with the opportunity to pay members for reducing their energy needs during certain peak periods. Member participation is strictly voluntary. This rider is available at the Cooperative's discretion.

Deleted: being offered on a pilot basis

Participation Requirements

The following participation requirements apply:

1. Member must be demand metered by Dakota Electric;
2. Member loads covered by a load management program or rate are not eligible; and
3. Member must reduce energy requirements for a minimum of two hours.

Notification and Pricing

Dakota Electric will contact members and determine their interest in participating in the Voluntary Energy Reduction Program. The offer to participate in this rider will include:

1. An estimate of the member's demand reduction based on historical patterns;
2. Indication of duration of voluntary reduction;
3. Identification of beginning hour and ending hour of voluntary reduction; and
4. Offer price per kWh.

Participating members will curtail specified energy usage during identified voluntary reduction periods. Members will then receive compensation through a separate payment or a credit on the electric bill.

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 07/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: ~~7/2/14~~ Docket Number: E-111/GR-~~14-482~~ Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: V1
SHEET: 2
REVISION: 7

TABLE OF CONTENTS

EXTENSION OF SERVICE	
General Policies Applicable to All Extensions of Service	3
<u>Continuity of Service</u>	<u>3</u>
Individual – Residential Extension	4
Residential Developments (Multiple Lot Plats)	5
Lighting	5
Commercial and Large Power Customers, and Apartment Complexes	6
Special Facilities	7.1
TEMPORARY SERVICE	8
BILLING AND PAYMENT OF ELECTRIC BILLS	
Meter Reading and Billing Periods	9
Estimated Billings	9
Payment of Electric Bills	10
Payment of Bills by Check	10
Budget Payment Plan	10.1
Electronic Funds Transfer	10.1
Credit Card Payment	10.1
<u>Quik Pay</u> Online Payment	10.1
SERVICE CHARGE	11
METER TESTING	12
DISCONNECTION OF SERVICE	
Disconnection for Tampering or Unauthorized Use	13
Disconnection for Nonpayment	13
Notice of Disconnection	13.1
Cold Weather Rule	13.1
RECONNECTION OF SERVICE	
After Disconnect for Nonpayment	14
Reconnection Plan (Cold Weather Rule)	14
DEPOSITS	15
DEMAND-SIDE MANAGEMENT PROGRAM	
General Rules and Policies	16
Controlled Water Heaters	17
Interruptible Installations	18
Energy Storage Installations	18
Irrigation Loads	19
Controlled Central Air Conditioners	19
STANDBY SERVICE RIDER	20
INTERRUPTIBLE SERVICE	22

Deleted: 6

Deleted: Continuity of Service

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

Deleted: 2

MEMBER SERVICE INFORMATION EXTENSION OF SERVICE

General Policies Applicable to All Extensions of Service

1. It shall be the policy of Dakota Electric Association (DEA) to provide and extend electric service to any member within its service area in accordance with the rate schedules and policies established by the Association.
2. Dakota Electric Association requires that, on overhead services, the member or developer provide all necessary tree clearing of the power line route outside the public right-of-way. Clearing includes any removal of debris as a result of tree cutting as may be required. The normal width of the right-of-way is to be cleared 10 feet on each side of the power line.

Dakota Electric Association will provide all necessary tree trimming on new overhead service extensions within the public right-of-way.

It is the goal of Dakota Electric Association to cooperate with the member to save as many trees as possible without jeopardizing the power line operation.

3. The member shall pay the cost of any subsequent relocation or rearrangement of any portion of the Association's system made to accommodate his/her needs or to accommodate alterations in grade.
4. Equipment, such as motors and generators that are operated interconnected with the Association, shall not cause objectionable voltage flicker on the distribution system and for other Association members. The member shall apply starters/controllers to the motors, as required, to limit the starting currents to levels acceptable to the Association. For generation, the member shall design and operate the generation system and the load transfer to and from the generation system so as not to cause objectionable voltage flicker.
5. Meters on all new installations shall meet the requirements of the Association's Technical Standards for Metering which are consistent with industry practices.
6. All member wiring must meet the requirements of the National Electric Code, National Electric Safety Code, State and local jurisdictions.

Continuity of Service

Dakota Electric Association will endeavor to provide continuous service but does not guarantee an uninterrupted or undisturbed supply of electric service. The Cooperative will not be responsible for any loss or damage resulting from the interruption or disturbance of service for any cause other than gross negligence of the Cooperative. The Cooperative reserves the right, without previously notifying the member, to temporarily interrupt service for construction, inspection, repairs, emergency operations, shortages in power supply, safety, and State or National emergencies. The Cooperative will not be liable in any event for any loss of profits or other consequential damages resulting from the use of service or any interruption or disturbance of service.

Deleted: 7.

Formatted: Indent: Left: 0"

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: 3

MEMBER SERVICE INFORMATION
EXTENSION OF SERVICE
CONTINUED

Individual Residential Extensions

1. Dakota Electric Association will serve a year-round, principle residence of an individual residential member with overhead or underground single-phase electric service at the rates and minimum charges established in applicable rate schedules. In order to ensure that the cost of the new facilities will not cause an undue burden on other members, the member will be assessed a contribution in aid of construction. The member will be charged a minimum of ~~\$500.00~~ for an extension of ~~75~~ feet or less. For extensions longer than ~~75~~ feet, the member will be charged ~~\$500.00~~ plus ~~\$8.30~~ per foot for each foot that the extension exceeds ~~75~~ feet. The member will be assessed additional charges if above normal costs are incurred by DEA to accommodate member installation preferences or the member requests a nonstandard installation.
2. Dakota Electric Association will furnish the overhead service triplex wire between the overhead system and the member-owned service mast. If a member desires underground service, DEA will install underground primary or secondary wire between the right-of-way and a point of connection located no closer than fifty (50) feet from the building, measured from the closest point of the building to the existing DEA facilities. The consumer will be charged the line extension costs outlined in paragraph one (1) of this section.
3. The member must install and own the underground secondary wire run between the point of connection and the meter. Dakota Electric Association will make the connection required at the point of connection.
4. For underground service, the member shall provide a right-of-way strip that is within four (4) inches, plus or minus, of the finished grade, free from obstructions and completely accessible to the Cooperative's equipment.
5. The member will be required to obtain and/or grant easements to the Cooperative for any portion of the extension that is outside a public right-of-way or easement, at no cost to the Cooperative. The Cooperative will prepare the necessary easement documents and will be reimbursed by the member for costs incurred for property title search, surveying, and recording fees.
6. The member will pay any additional installation costs incurred by the Cooperative because of:
 - a. delays caused by member;
 - b. installation of underground facilities after the ground is frozen;
 - c. surface and subsurface conditions that impede the installation of underground facilities, such as rock formations;
 - d. paving of streets, alleys or other areas prior to the installation of the underground facility;
 - e. above-average permit costs; or
 - f. DNR crossing fees.
7. The member will also be responsible for costs incurred for any relocation or rearrangement of any portion of the system made to accommodate the member after construction is underway or complete. The normal service capacity provided for overhead service will be 10 KVA per residential member and 15 KVA for underground service. Residential members requesting greater transformer capacity will be considered on an individual basis to determine if anticipated revenue justifies the additional expenditure without any further contribution in aid of construction.

Deleted: 2

Deleted: 100

Deleted: 100

Deleted: 2

Deleted: 6.80

Deleted: 100

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 5
REVISION: 4

Deleted: 3

MEMBER SERVICE INFORMATION
EXTENSION OF SERVICE
CONTINUED

8. If a member requests an individual residential service extension to a location with no permanent residence, the member will pay the full cost of installation. If a permanent residence is constructed within five (5) years, the member will be refunded the amount less the normal line extension charge at the time the permanent residence is constructed.
9. Dakota Electric Association will not install a transformer within 50 feet of the house. If the closest point of the member's house is within 150 feet of the distribution system in the public right-of-way, the member must install their own secondaries.

Residential Developments (Multiple Lot Plats)

1. To encourage orderly development and to avoid investment in idle facilities, it shall be Dakota Electric Association's policy to examine all residential developments whether served overhead or underground for justification to install electric distribution facilities. When the anticipated revenue justifies the expenditure, Dakota Electric Association will install the facilities at its expense. When the anticipated revenue does not justify the expenditure, the installation will be made only if the developer pays Dakota Electric Association that portion of the facility cost not justified by the anticipated revenue prior to commencement of the electric utility installation.
2. For developments of small lots, one acre or smaller, when underground electric service is desired by a developer or required by a regulatory body or by local ordinance, Dakota Electric Association requires the developer to sign and follow the provisions of the "Residential Underground Distribution Agreement" (RUDA-1).
3. Underground service shall be made available to platted areas with large lots by employing individual transformers for each home. Large lots are defined as being larger than one acre or any lot requiring an individual transformer.

Deleted: or larger

The developer shall also be subject to a payment in accordance with the provisions of paragraph 1 (Residential Developments) of this policy and as outlined in the Residential Underground Distribution Agreement (RUDA-1) for standard-sized lots.

Developers of large lot plats must sign and follow the provisions of the Residential Underground Distribution Agreement for Large Lot Developments (RUDA-2).

4. The normal transformer capacity provided for large lot plats will be 15 KVA with additional capacity considered on an individual basis as outlined under paragraph 1, "Individual Overhead Service."

Deleted: Issued: 3/12/09

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

Deleted: Effective: 7/17/10

Deleted: _/_

Deleted: _

Deleted: _

Deleted: _

Deleted: _

Lighting

The member will be charged for installation costs that exceed allowances specified in the applicable lighting rate schedule.

Issued: 7/2/14

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

Effective: 11/12/15

Deleted: 4

MEMBER SERVICE INFORMATION
EXTENSION OF SERVICE
CONTINUED

Commercial and Industrial Members, Apartment Complexes, and Seasonal Accounts

1. Dakota Electric Association will provide overhead or underground, single-phase or three-phase electric service to commercial (including commercial developments) and industrial members and apartment complexes in accordance with established applicable rates and charges when the anticipated revenue justifies the expenditure. Dakota Electric Association will install, own, and maintain the underground primary service to a point of connection designated as either a single-phase or three-phase padmounted transformer. An economic analysis will be made for any service that involves abnormally high investments, and/or those with low anticipated revenue. A contribution in the aid of construction will be required if the estimated investment is not justified by the anticipated revenue, calculated as follows:

	Sched. 41 Factors	Sched. 46 Factors	Sched. 70/71 Factors
Estimated Extension Costs			
- Annual Sum of Monthly Non-Coincident Billing Demand (kW) times applicable rate schedule factor	NA	\$6.25	\$5.54
- Annual Sum of Monthly billed energy (kWh) times applicable rate schedule factor	\$0.14779	\$0.01959	\$0.01326
= Required Contribution in Aid of Construction			

Deleted: 50

Deleted: 6.23

Deleted: 1998

Deleted: 02019

Deleted: 014445

Deleted: .

When underground service is requested, the member shall provide a right-of-way strip that is within four (4) inches, plus or minus, of the finished grade. The right-of-way must be free from obstructions and completely accessible to the Association's equipment.

The member shall furnish the pad for the padmounted transformer on underground systems in accordance with specifications provided by Dakota Electric Association.

The member will pay any additional installation costs incurred by the Association because of:

1. delays caused by member;
2. installation of underground facilities after ground is frozen;
3. soil conditions that impair the installation of underground facilities, such as rock formations;
4. paving of streets, alleys or other areas prior to the installation of the underground facility;
5. above-average permit costs; or
6. DNR crossing fees.

Deleted: .

Formatted: Font: 11 pt

Formatted: Indent: Left: 0.19", Line spacing: single

Deleted: 11/5/13

Deleted: _/_

Deleted: M

Deleted: 13-801

Deleted: _

Deleted: 11/5/13

Deleted: 8

Deleted: 3

Deleted: _

There may be situations where the member shall be required to install sections of conduit, such as underground entrance to a pad, which shall be at no cost to the Association.

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 7.0
REVISION: 3

Deleted: 2

MEMBER SERVICE INFORMATION
EXTENSION OF SERVICE
CONTINUED

The 2000 KVA distribution transformer is the largest size that Dakota Electric Association will install. Multiple transformers and service entrances will be required when service capacity requirements exceed 2000 KVA. The member cannot parallel multiple transformer services without written Dakota Electric approval of the design.

2. Irrigation Members

Dakota Electric Association will provide service to irrigation members in accordance with established applicable irrigation rates and in the "Agreement for Electric Service (Irrigation and Other Seasonal Loads). An economic analysis will be made for extensions to irrigation service. A contribution in aid of construction will be required if the estimated investment is not justified by the anticipated revenue.

Deleted: .

The member shall furnish the pad for the padmounted transformer on underground systems in accordance with specifications provided by Dakota Electric Association.

3. Primary Metered Installations

Depending on the configuration of the Dakota Electric primary system, the member may have the option of installing primary metering on the 12.5kV system. Credits for primary service may be available as specified in applicable rate schedules. Many times this option is not available without the installation of additional 12.5kV facilities so as to allow for proper metering and so as not to negatively impact the reliability of other Dakota Electric member loads interconnected with the Dakota Electric distribution system.

- A. The member is responsible for all integration and installation costs for the primary metering system.
- B. The member is responsible for purchasing, owning and operating, all 12.5kV electrical facilities on the member's side of the primary metering installation(s). This includes responsibility for routine and emergency maintenance of those purchased primary facilities, which includes emergency transformer replacement and emergency primary facility repairs.
- C. Primary Metering is required for all primary wires feeding the facilities/complex.
- D. Dakota Electric, the National Electric Code, or both may require special protection for the member's primary system. The member is required to provide any necessary protection. This protection is required to be coordinated with the DEA distribution system's protection.

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 7.1
REVISION: 2

Deleted: 1

MEMBER SERVICE INFORMATION

EXTENSION OF SERVICE

SPECIAL FACILITIES

Formatted: Centered

A. Definitions

1. Municipality is defined as any one of the following entities: a county, a city, a township or any other unit of local government.
2. City is defined as either a statutory city or home rule charter city consistent with Minn. Stat. sections 410.015 and 216B.02, subd. 9.
3. Special facilities are defined as non-standard facilities, non-standard design or non-standard location of facilities.
4. Special facilities are the type of services that results in costs in excess of the Association designated service installation. Common examples are duplicate service facilities, special switching equipment, special service voltage, three phase service where single phase service is adequate, excess capacity, underground installations to wood poles, conversion from overhead to underground service, specific area undergrounding, other special undergrounding, and relocation or replacement of existing Association facilities.

B. General Rule

When requested by the member, group of members, developer, or municipality to provide types of service that result in an expenditure in excess of the Association designated service installation the requesting member, group of members, developer, or municipality will be responsible for such excess expenditure. Common examples of these requests are duplicate service facilities, special switching equipment, special service voltage, three phase service where single phase service is adequate, excess capacity, capacity for intermittent equipment, trailer park distribution systems, underground installations to wood poles, conversion from overhead to underground, urban renewal undergrounding, other special undergrounding, and relocation or replacement of existing Association facilities.

C. Public Right-of-Way

1. Replacement, Modification or Relocation Due to Construction.

Whenever a governing body that manages a public right-of-way orders the Association to replace, modify or relocate its existing distribution facilities due to construction on said public right-of-way, such facilities will be relocated at Association expense, provided the construction is the most economical, industry accepted installation designated by the Association. If the governing body or municipality requests a type of construction with

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 7.2
REVISION: 2

Deleted: 1

MEMBER SERVICE INFORMATION
EXTENSION OF SERVICE
SPECIAL FACILITIES
(Continued)

costs in excess of the Association designated construction, such excess expenditures will be the responsibility of the municipality or the Association's members residing within the municipality. However, if the governing body issuing the order requiring construction on the public right-of-way does not pay the excess cost, the Association may seek Commission approval to recover such excess expenditures from the ratepayers residing in the governing body's territory.

2. Replacement, Modification or Relocation Due to Vacation of Public Right-of-Way.

Whenever a governing body of public right-of-way orders the Association to replace, modify or relocate its existing distribution facilities due to a vacation of a public right-of-way, the Association will be responsible for such expenditure. The Association may request that the governing body pay for the aforementioned expenditure. However, if the governing body chooses not to pay, the Association may seek approval from the Commission to recover this expenditure from the ratepayers residing in the governing body's territory.

D. Construction Requirements for Special Facilities

The Association will initially install special distribution facilities (which may include installation of standard facilities at a location/route deemed non-standard by the company) or the Association will replace, modify or relocate to an Association-approved location/route its existing distribution facilities upon a request of a member, group of members, developer, or upon order or request of a municipality. The benefited member, group of members, developer or municipality will be responsible for all costs in excess of standard installation for new facilities plus the value of the undepreciated life of existing facilities being removed minus the salvage value. However, if the municipality does not pay for the excess expenditure, the Association may seek Commission approval to recover such expenditure from the requesting municipality.

E. Underground Facilities Requirements

The following provisions apply when replacing overhead facilities with underground facilities:

1. The member, at their expense, must engage an electrician to adapt their electrical facilities to accept service from Association underground facilities.

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 7.3
REVISION: 2

MEMBER SERVICE INFORMATION
EXTENSION OF SERVICE
SPECIAL FACILITIES
(Continued)

2. The Association will allow reasonable time for the member to make the necessary alterations to their facilities, before removal of the existing overhead facilities.
3. Perpetual easements will be granted to Association at no cost to the Association whenever any portion of the underground distribution system is located on private land. Said private easements also will allow the Association access for inspection, maintenance, and repair of Association facilities.
4. The Association will have full access to its facilities installed underground for the purpose of inspection, maintenance, and repair of such facilities, such right of access to include the right to open streets and alleys.
5. When undergrounding is the result of a municipal project, the municipality will designate and reserve a definite area within the public ways for the installation and location of Association underground facilities. Once the Association facilities have been installed in such designated and reserved areas, if the municipality requires removal or relocation of such facilities for any reason, the municipality will reimburse the Association for the cost of such removal or relocation. However, if the municipality does not pay for the aforementioned expenditure, the Association may seek approval from the Commission to recover this expenditure from the ratepayers residing in the municipality's territory.
6. The municipality will give sufficient notice and will allow the Association sufficient time to place its facilities beneath public ways while the same are torn up for resurfacing. The municipality shall provide Association with access to the torn up public ways during such period so that Association will have unobstructed use of sufficiently large sections of the public ways to allow installation of the underground facilities in an economic manner.
7. Secondary voltage service supplied from an underground distribution lateral installation will require that the member install, own, and maintain necessary conduits and secondary service conductors or bus duct to a point designated by Association within or adjacent to the secondary compartment of the transformer or vault. Association will make final connection of member's secondary service conductors or bus duct to Association's facilities.
8. Secondary voltage service supplied from underground secondary service conductors may require that the member install, own, or maintain necessary conduits on private property to a point designated by the Association at or near the property line. The secondary service conductors usually will be installed by the member in his conduit,

Deleted: 1

Formatted: Centered

Deleted:

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 7.4
REVISION: 2

MEMBER SERVICE INFORMATION
EXTENSION OF SERVICE
SPECIAL FACILITIES
(Continued)

However, in some installations it may be preferred to have Association provide a continuous installation from the Association facilities through the member conduit to his service equipment. In these installations the member must pay the total installed cost of the Association's cable installed on private property. The Association will make the final connection of member's secondary service connectors to Association's facilities.

F. Special Facilities Payments

The requesting party shall execute an agreement or service form pertaining to the installation, operation and maintenance, and payment of the facilities. Payments required will be made on a non-refundable basis and may be required in advance of construction unless other arrangements are agreed to in writing by the Association. The facilities installed by the Association shall be the property of the Association. Any payment by a member, group of members, developer or municipality shall not entitle him to any ownership interest or rights therein.

Payment for special facilities may be required by either, or a combination, of the following methods as prescribed by the Association: a single charge for the costs incurred or to be incurred by the Association due to such a special installation or a monthly charge being one-twelfth of Association's annual fixed costs necessary to provide such a special installation. The monthly charge will be discontinued if the special facilities are removed. When special distribution facilities are requested by a municipality and payment is not made by the municipality, the Association may seek approval from the Commission to recover its excess expenditure from the municipality's ratepayers.

Deleted: 1

Formatted: Centered

Deleted: 3/12/09

Deleted: 1/1/09

Deleted: 09-175

Deleted: 1/1/09

Deleted: 7/17/10

Deleted: 1/1/09

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 8
REVISION: ~~4~~

Deleted: 3

MEMBER SERVICE INFORMATION TEMPORARY SERVICE

Deleted: DAKOTA ELECTRIC ASSOCIATION

Temporary service installation will be permitted during the period of construction, remodeling, maintenance, repair, or demolition of buildings, structures, equipment, or similar activities. When installing temporary service to a member, Dakota Electric Association will require that the member bear the cost of the installation and removal of service in excess of any salvage realized.

The member receiving temporary service will be charged the regular rates applicable to the service rendered.

Dakota Electric Association may require that advance payment be made to cover the estimated cost of the temporary service.

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: ~~7/2/14~~

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

Effective: ~~11/12/15~~

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 9
REVISION: 3

Deleted: 2

MEMBER SERVICE INFORMATION
BILLING AND PAYMENT OF ELECTRIC BILLS

Deleted: DAKOTA ELECTRIC ASSOCIATION

Meter Reading and Billing Periods

The reading of all meters used for determining charges to members shall be made each month unless otherwise specified by Dakota Electric Association.

The term “month” for meter reading and billing purposes is the period between successive meter readings, which shall be as near as practicable to 30 days.

Dakota Electric Association requires access to meters monthly unless other arrangements are made to obtain monthly meter readings.

If a billing period is longer or shorter than a normal billing period by five (5) days, the billings shall be prorated on a daily basis.

Estimated Billings

When access to a meter cannot be gained, an estimated bill may be rendered. In cases of emergency, the Dakota Electric Association may render estimated bills without reading meters. Estimated bills shall be based on the member’s normal consumption for a corresponding period during the preceding months.

Only in unusual cases, or when approval is obtained from the member, shall more than two (2) consecutive estimated bills be rendered.

If an estimated bill seems to be abnormal when a subsequent reading is obtained, the bill, or bills, for the entire estimated period shall be recalculated and a corrected bill generated. If there is reasonable evidence that the use occurred during only one (1) billing period, the bill shall be so computed.

Deleted: Issued: 3/12/09

Issued: 7/2/14

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

Effective: 11/12/15

Deleted: _/_

Deleted: _

Deleted: _

Deleted: _

Deleted: _

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 10
REVISION: 6

Deleted: s

MEMBER SERVICE INFORMATION
BILLING AND PAYMENT OF ELECTRIC BILLS
(Continued)

Formatted: Centered

Payment of Electric Bills

Residential Members. Residential bills shall be due not less than 25 days from the current billing date. The current billing date shall be no more than three working days before the date of mailing. Balances over \$10.00 not received by Dakota Electric by the due date will have a monthly late fee of 1.5 percent or \$1.00, whichever is greater, added to the balance.

All Other Members. Bills for all other members shall be rendered monthly and shall be due not less than 15 days from the billing date. The current billing date shall be no more than three (3) working days before the date of mailing. Balances over \$10.00 not received by Dakota Electric by the due date will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance.

Payment of Bills by Check

It will be the policy of the Association to accept checks in payment of the electric bill. When a question arises as to the validity of a personal check, cash or money order may be required. No second party or postdated checks will be accepted.

Deleted: s

If a check is not honored because of "insufficient funds" or for any other reason, a service charge will be assessed, and the status of the account will be the same as if no payment had been made.

When a payment is made by personal check in order to avoid termination of service, and the check is not honored, service may be disconnected without further notice.

Payment by check or debit card will not be honored for reconnection after disconnection for non-payment. Payment for reconnection after disconnection for non-payment must be made by cash, credit card, or money order.

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 10.1
REVISION: 2

MEMBER SERVICE INFORMATION
BILLING AND PAYMENT OF ELECTRIC BILLS
(Continued)

Budget Payment Plan

Dakota Electric Association shall have a budget payment plan available to residential and farm members designed to level monthly billings. The Association will establish a fixed monthly billing based on previous usage. Each monthly bill will show the relationship of budget payments made to the amount due based on actual usage.

Late charges will be assessed to the lesser of the outstanding account balance or the scheduled monthly payment.

Dakota Electric Association will review all budget payment accounts at least annually.

Electronic Funds Transfer

Dakota Electric Association has an Electronic Funds Transfer program (EFT) available to all members. Members may authorize monthly withdrawals for their electric bills directly from their designated financial institutions.

If a presented payment is not honored, late fees and service charges will be billed in accordance with existing policies. EFT can be terminated in writing by either the Association or the member at any time.

Credit Card Payment

Through a third-party vendor, Dakota Electric Association offers all members the option to pay their electric bill by credit card. The member opts to pay a transaction fee based on the amount of the payment. The transaction fee is collected and retained entirely by the third-party vendor.

If a presented payment is not honored, late fees and service charges will be billed to the member in accordance with existing policies.

QuikPay Online Payment

Dakota Electric offers members the option of making either a one-time online payment or regular online monthly payments through "QuikPay". QuikPay provides multiple payment options. Members may manually enter payments online each month from a checking, savings, or credit card (credit card payments subject to a convenience fee). Members may also have funds automatically deducted from checking or savings accounts.

Deleted: 6

Formatted: Centered

Deleted: off

Deleted: a

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 11
REVISION: 2

~~MEMBER~~ SERVICE INFORMATION
SERVICE CHARGE

When Dakota Electric Association sends a two-man crew or larger to a consumer's premise on a service call outside normal working hours, and they find the trouble is not with Dakota Electric's equipment, a service charge may be assessed.

Every effort to clarify the trouble by telephone shall be made by Dakota Electric Association personnel before they make the trip out to the consumer's premise.

Deleted: 1

Deleted: DAKOTA ELECTRIC ASSOCIATION¶
CONSUMER

Deleted: – ON-CALL CREW¶
BEFORE OR AFTER REGULAR WORKING¶
HOURS, WEEKENDS AND HOLIDAYS

Deleted: s

Deleted: whether before or after regular working
hours, weekends and holidays

Deleted: will

Deleted: s

Deleted: 5/02/84

Deleted: _/_

Deleted: 81-52

Deleted: _

Deleted: 2/03/81

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 12
REVISION: 4

Deleted: 3

Deleted: DAKOTA ELECTRIC ASSOCIATION¶

Deleted: CONSUMER

MEMBER SERVICE INFORMATION

Meter Testing

The Cooperative will maintain and test its metering equipment in accordance with the Public Utilities Commission's rules. In the event the Cooperative's test shows a meter to have an average error of more than 2% fast or slow, the Cooperative shall make an adjustment of the bills for service during the period of registration error if known, but not longer than a period of one year. If the period of registration error is not known, the refund or charge for both fast and slow meters shall be based on corrected meter readings for a period equal to one-half the time elapsed since the last test but not to exceed six months. If the amount of the average meter error cannot be determined because of failure of part or all of the metering equipment, the consumer shall pay an amount based upon registration of check metering equipment or an estimated amount based upon the consumer's consumption for comparable operations over a similar period.

If a consumer has called to the Cooperative's attention doubts as to the meter's accuracy and the Cooperative has failed within a reasonable time to check it, there shall be no back billing for the period between the date of the consumer's notification and the date the meter was checked.

Billing Corrections

When a consumer has been overcharged/undercharged as a result of an incorrect reading of the meter, incorrect application of the rate schedule, incorrect connection of the meter, application of an incorrect multiplier or constant, or other similar reasons, the amount of the overcharge/undercharge shall be adjusted, refunded, or credited to the consumer, as follows:

Deleted: .

Remedy for Overcharge:

Dakota Electric shall calculate the difference between the amount collected for service and the amount the Cooperative should have collected for service, plus interest, for the period beginning three years before the date of discovery. Interest will be calculated as prescribed by Minnesota Statutes §325E.02(b). If the recalculated bills indicate that more than \$1 is due an existing consumer, or \$2 is due a person no longer a consumer of the Cooperative, the full amount of the calculated difference between the amount paid and the recalculated amount shall be refunded to the consumer. Refunds to an existing consumer may be in cash or credit on a bill. Credits shall be shown separately and identified. If a refund is due a person no longer a consumer of the Cooperative, the Cooperative shall mail to the consumer's last known address either the refund or a notice that the consumer has three months in which to request a refund from the Cooperative.

Remedy for Undercharge:

Dakota Electric shall calculate the difference between the amount collected for service and the amount the Cooperative should have collected for service for the period beginning one year before the date of discovery. If the recalculated bills indicate that the amount due the Cooperative exceeds \$10, the Cooperative may bill the consumer for the amount due. Dakota Electric must not bill for any undercharge incurred after the date of a consumer inquiry or complaint if the Cooperative failed to begin investigating the matter within a reasonable time and the inquiry or complaint ultimately resulted in the discovery of the undercharge. The billing for undercharges shall be separated from the regular bill and the charges explained in detail.

Exception if error date is known:

If the date the error occurred can be fixed with reasonable certainty, the remedy shall be calculated on the basis of payments for service after that date, but in no event for a period beginning more than three years before the discovery of an overcharge or one year before the discovery of an undercharge.

Deleted: 9/3/10

Deleted: _/_

Deleted: E,G-999/CI-09-97014-__

Deleted:

Deleted: 9/28/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 12.1
REVISION: ↓

Deleted: Original

MEMBER SERVICE INFORMATION

Deleted: DAKOTA ELECTRIC ASSOCIATION¶

Deleted: CONSUMER

General Payment Arrangements

In compliance with Minn. Stat. §216B.098, the Cooperative shall offer a payment agreement for the payment of arrears. Payment agreements will consider a consumer's financial circumstances and any extenuating circumstances of the household. No additional service deposit may be charged as a consideration to continue service to a consumer who has entered and is reasonably on time under an accepted payment agreement.

Undercharges:

- a. In compliance with Minn. Stat. §216B.098, the Cooperative shall offer a payment arrangement to consumers who have been undercharged if no culpable conduct by the consumer or resident of the consumer's household caused the undercharge. The agreement may cover a period equal to the time over which the undercharge occurred, or a different time period that is mutually agreeable to the consumer and the Cooperative, except that the duration of a payment agreement offered by the Cooperative to a consumer whose household income is at or below 50 percent of state median household income must consider the financial circumstances of the consumer's household.
- b. No interest or delinquency fee will be charged for payment arrangements resulting from under charges.
- c. If a consumer inquiry or complaint results in the Cooperative's discovery of the undercharge, the Cooperative may bill for undercharges incurred after the date of the inquiry or complaint only if the Cooperative began investigating the inquiry or complaint within a reasonable time after when it was made.

Medically Necessary Equipment

The Cooperative shall reconnect or continue service to a consumer's residence where a medical emergency exists, or where medical equipment requiring electricity necessary to sustain life is in use, provided that the Cooperative receives: (1) written certification, or initial certification by telephone and written certification within five business days, from a medical doctor that failure to reconnect or continue service will impair or threaten the health or safety of a resident of the consumer's household; and (2) the consumer's consent to a payment arrangement for the amount in arrears. Certification must be renewed annually. Because some interruptions in service are unavoidable and in some cases may last longer than some members can be without power, we urge members with special medical needs to make necessary arrangements for auxiliary power for any vital life-support equipment.

Deleted: 3/12/10

Deleted: _/_

Deleted: E,G-999/CI-09-97014-__

Deleted: 9/28/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 13
REVISION: 9

Deleted: 8

MEMBER SERVICE INFORMATION DISCONNECTION OF SERVICE

Deleted: DAKOTA ELECTRIC ASSOCIATION¶

Deleted: CONSUMER

Disconnection Without Notice

Without notice Dakota Electric may disconnect service to any consumer:

Formatted: Font: Bold

- A. in the event of an unauthorized use of or tampering with the Association's equipment; or
- B. in the event of a condition determined to be hazardous to the consumer, to other members of the Association, to the Association's equipment, or to the public.

Formatted: Numbered + Level: 1 +
Numbering Style: A, B, C, ... + Start at: 1 +
Alignment: Left + Aligned at: 0.25" + Indent
at: 0.5"

Deleted: consumers

Formatted: Font: Bold

Unlawful Use of Service

In any case of tampering with meter installation or interfering with the proper functioning thereof or any other unlawful use or diversion of service by any person, or evidence of any such tampering, interfering, unlawful use or service diversion, consumer is liable to immediate discontinuance of service, without notice, and to prosecution under applicable laws, and Association shall be entitled to collect from consumer at the appropriate rate for all power and energy not recorded on the meter by reason of such tampering, interfering, or other unlawful use or service diversion (the amount of which may be estimated by Association from the best available data), and also for all expenses incurred by the Association on account of such unauthorized act or acts.

Disconnection for Nonpayment

All Accounts

Dakota Electric shall credit all payments received against the oldest outstanding account balance before the application of any late charge.

Deleted: Disconnection for Tampering or
Unauthorized Use¶
Without notice, Dakota Electric may disconnect
service to any consumer for unauthorized use of
Dakota Electric equipment, or in the event of
tampering with the Association's equipment.¶

Residential Accounts

In the case of a resident on either a budget billing plan or a payment schedule, delinquent amount means the lesser of the outstanding account balance or the outstanding scheduled payments. To avoid disconnecting residential accounts as much as possible, Dakota Electric will advise delinquent residential members of the various alternatives available to them, such as protection of the Cold Weather Rule when applicable (see below) and the various assistance programs available through state and local agencies. When no satisfactory payment schedule can be agreed to or maintained, Dakota Electric will proceed with disconnection. The schedule will be as follows:

Balances over \$10.00 not received by Dakota Electric at the time of the next scheduled billing date (approximately 30 days after initial billing and never less than 25 days later) will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance. A disconnect notice may be sent shortly after the second bill is mailed. Disconnection will be scheduled for not less than five (5) days after the date of the disconnect notice. At the time of disconnection, the residential account will have unpaid use of electricity for not less than 50 days.

Deleted: 3/12/09

Deleted: _/_

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

Commercial and Irrigation Accounts

Balances over \$10.00 not received by Dakota Electric at the time of the next scheduled billing date (approximately 30 days after initial billing and never less than 25 days later) will have an interest charge of 1.5 percent or \$1.00, whichever is greater, added to the balance. A disconnect notice will be sent shortly after the second bill is mailed. Disconnection will be scheduled for five (5) days after the date of the disconnect notice. At the time of disconnection, the commercial account will have unpaid use of electricity for approximately 50 days.

- Deleted: 3/12/09
- Deleted: _/_
- Deleted: 09-175
- Deleted: _
- Deleted: 7/17/10
- Deleted: _
- Deleted: _
- Deleted: _

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 13.1
REVISION: 2

Deleted: 6

MEMBER SERVICE INFORMATION DISCONNECTION OF SERVICE

Deleted: DAKOTA ELECTRIC ASSOCIATION¶

Deleted: CONSUMER

Notice of Disconnection

Dakota Electric Association shall send notices to disconnect service by first class mail. A specific date will be given for the time when a payment must be received or service may be disconnected.

If Dakota Electric Association is not contacted by the consumer, at least one attempt will be made to contact the consumer by telephone. If no contact is made, an Association employee will make a final attempt to contact the consumer at the place of service, and if no contact is made, or if contact is made but no payment agreement can be reached, service may be disconnected.

Reconnection of Service

In the event that service has been disconnected because of nonpayment of the electric bill, service charges, based on the cost to restore service will be assessed before service is restored. This cost will necessarily be higher during an overtime period.

If service has been disconnected, payment must be in the office before the order will be given to restore service. Cash or money order may be required at any time. Dakota Electric will not restore service until all arrears are paid in full and a deposit is made by cash, credit card, or money order according to the Association's deposit requirements, or until other satisfactory credit arrangement is made.

Deleted: cash

Deleted: or

In the event the order has been issued to disconnect service, and the collector arrives at the premises, he/she must accept cash, credit card, or money order payment of the delinquent bill. This payment will avoid the necessity of terminating service.

Notice to Cities of Utility Disconnection

Upon written request from a statutory or home rule charter city and consistent with Minnesota Statute 216B.0976, the Cooperative will provide reports of currently disconnected properties or newly disconnected properties for consumers located within the city's boundaries.

Formatted Table

Deleted: 3/12/10

Deleted: _/_

Deleted: E,G-999/CI-09-97014-__

Deleted: 9/28/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 15
REVISION: 3

Deleted: 2

MEMBER SERVICE INFORMATION DEPOSITS

Deleted: DAKOTA ELECTRIC ASSOCIATION¶

It will be the policy of Dakota Electric Association to collect a deposit not to exceed an estimated two months' gross bill or existing two months' average bill where applicable if the service has been terminated because of nonpayment or when a bankruptcy is filed. Any existing deposit must be applied to the delinquent bill, and then the new deposit will be assessed and must be paid prior to the time the service is restored.

When a member returns to Dakota Electric Association after leaving with an unpaid balance or other credit problems, a deposit equal to two average months' electric bills of the most recent occupant at that address may be assessed. This deposit is in addition to payment in full for the previously unpaid balance.

Dakota Electric shall not require a deposit for a new member with no prior service from the Association unless the credit history of the new member demonstrates that payment cannot be assured. The determination of the new member's credit history shall be made only by credit reports reflecting the purchase of utility service, unless permission in writing is received from the new member to use other credit reports, and such reports mailed to the new member. Refusal of a new member to permit use of a credit rating or credit service, other than that of a utility, shall not affect the Association's determination of that new member's credit history. Satisfactory credit shall be 12 consecutive months of on-time payments with no remaining unpaid balance.

Deleted: DEA

Deleted: DEA's

If a member has maintained a good payment record for one year, the deposit will be refunded. A good payment record is defined as payment of the electric bill within 25 days of the due date each of the preceding 12 months.

Deposits shall earn interest at an annual rate as specified by Minnesota Statute 325E.02. This interest will be credited to the electric bill printed in December or will be credited to the final bill, whichever occurs first.

Deleted: the rate of 6 percent annually

Deleted: t

Deposits, plus interest, will be applied to the final bill, and any credit balance remaining will be refunded within forty-five (45) days from the date service is terminated.

Dakota Electric shall not require a deposit of any member without explaining in writing why that deposit or guarantee is required.

Deleted: Issued: 3/12/09

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

Deleted: Effective: 07/17/10

Deleted: _/_

Deleted: _

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

Deleted: 3

MEMBER SERVICE INFORMATION
DEMAND-SIDE MANAGEMENT PROGRAM

Deleted: DAKOTA ELECTRIC ASSOCIATION¶

Any Dakota Electric Association member allowing Demand-Side Management (DSM) controls on approved interruptible loads will receive an off-peak energy kilowatt-hour and/or demand kilowatt charge for that electricity as listed in the rates.

General Rules and Policies

1. Dakota Electric Association shall supply additional meters and the DSM receivers at no cost to the member. All other requirements, such as the meter sockets, wiring, and installation shall be the responsibility of the member. The DSM receivers will remain the property of Dakota Electric Association. Only authorized DEA employees shall have the authority to break the seals and repair the DSM receivers or metering equipment.
2. DSM receivers and submeters shall be mounted adjacent to the existing kilowatt-hour meter. The meter shall be mounted on the outside of the building and shall be accessible to the Association at all times and comply with the Association meter socket requirements. Any alternate locations must be approved by the Association prior to installation.
3. Dakota Electric will make a final inspection after all of the necessary work has been done. At that time, if all equipment is functioning properly, the second meter will be installed, if required, and the controlled rate will apply. All installations must have an electrical inspection affidavit filed with the Minnesota State Board of Electricity and DEA.
4. All trouble calls dealing with the controlled loads shall be made to DEA. DEA will determine whether to send out a DEA service technician or request that the member call a service company on his/her own behalf. If the member's service technician determines that DEA's DSM receiver was malfunctioning and a DEA service technician verifies that, Dakota Electric Association will reimburse the member for costs incurred. If the problem is with the member's wiring or equipment, then the member will be responsible for costs incurred which may include a Load Management Service Charge.
5. All members with DSM-controlled loads shall allow periodic inspections of the controlled loads by Dakota Electric.
6. If any part of the controlled system is tampered with, the member is automatically removed from the controlled rate for at least one (1) year.
7. Eligibility of participating loads will be guided by Great River Energy program requirements.

Deleted: 1.

Deleted: 2.

Deleted: If this is not possible, an

Deleted: 3.

Deleted: 4.

Deleted: 5.

Deleted: 6.

Formatted: Numbered + Level: 1 +
Numbering Style: 1, 2, 3, ... + Start at: 1 +
Alignment: Left + Aligned at: 0.25" + Indent
at: 0.5"

Deleted: Issued: 3/12/09

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

Deleted: Effective: 7/17/10

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 17
REVISION: 4

Deleted: 3

Deleted: DAKOTA ELECTRIC ASSOCIATION

MEMBER SERVICE INFORMATION
DEMAND-SIDE MANAGEMENT PROGRAM
CONTINUED

Controlled Water Heaters

1. The member may choose to have service under either Schedule 51, “Controlled Energy Storage,” or Schedule 52, “Controlled Interruptible Service.”
2. Under Schedule 51, “Controlled Energy Storage”:
 - a. Typically, the water heater will be energized from 11 p.m. to 7 a.m.
 - b. There is no restriction on the size of the water heater, but Dakota Electric recommends an energy factor of .90 or greater and a minimum capacity of 80 gallons and larger capacity when usage and/or family size requires. DEA will assist members with sizing water heaters.
 - c. All kilowatt-hours shall be submetered. If the member has other qualifying loads, these kilowatt-hours may be combined on one meter.
3. Under Schedule 52, “Controlled Interruptible Service”:
 - a. The member should recognize that the water heater may be off daily for extended periods, and this may result in occasional lack of sufficient hot water. The member must have an electric water heater with a minimum capacity of at least 40 gallons. Dakota Electric recommends an energy factor of .90 or greater.
 - b. All kilowatt-hours shall be submetered, where feasible, or a monthly credit will be given, as listed in Schedule 52, at DEA’s option. If the member also has a dual fuel heating installation, these kilowatt-hours may be combined on one submeter.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 18
REVISION: 4

Deleted: 3

Deleted: DAKOTA ELECTRIC ASSOCIATION¶

MEMBER SERVICE INFORMATION
DEMAND-SIDE MANAGEMENT PROGRAM
CONTINUED

Interruptible Installations

1. Schedule 52, "Controlled Interruptible Service," is available to members who use electricity as a heating source or other qualifying loads. Connected fixed electric space heating must be sized according to space heating requirements. Cord and plug electric space heating does not qualify.
2. Dakota Electric Association requires that a backup heat source capable of keeping the residence at a minimum of 55 degrees be present. Dakota Electric does not specify what the heat source should be except that it shall not be uncontrolled electric heat.
3. Heat pumps qualify for the interruptible rate. All electric resistance heat associated with the heat pumps must also be controlled. Heat pumps will be controlled both winter and summer in accordance with Dakota Electric's load control requirements.
4. All kilowatt-hours shall be submetered. If the member also has a water heater or other interruptible load on Schedule 52, these kilowatt-hours may be combined on one submeter. If the member has both Interruptible and Storage loads these loads may be combined under the rate schedule with the largest load.

Energy Storage Installations

1. Schedule 51, "Controlled Energy Storage," is available to members who normally use electricity between 11 p.m. and 7 a.m. (or as established by the Association) to charge equipment which will retain the energy for use during the remaining hours. Water, ice, slab storage, storage bricks, storage batteries, or other materials that qualify may be used for energy storage.
2. All kilowatt-hours shall be submetered. If the member also has a water heater or other energy storage load on Schedule 51, these kilowatt-hours may be combined on one submeter. If the consumer has both Interruptible and Storage loads, these loads may be combined under the rate schedule with the largest load.

Formatted Table

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 19
REVISION: 5

Deleted: 4

Deleted: DAKOTA ELECTRIC ASSOCIATION

MEMBER SERVICE INFORMATION
DEMAND-SIDE MANAGEMENT PROGRAM
CONTINUED

Irrigation Loads

1. The controlled rate, as listed under Schedule 36, "Irrigation Service," is available to members who have DSM equipment installed. New installations may qualify for this rate when installed.
2. Members that switch from Interruptible to Firm service during the calendar year will be billed the Firm service rate during the month the change was made. The member must remain on the Firm service rate for the remainder of the calendar year. This includes members that intentionally bypass the load control equipment.
3. The Demand-Side Management receivers will interrupt power to the pump motor, and the motor will require manual restart. Any additional equipment necessary to shut down other parts of the irrigation system must be installed by the member at their cost.
4. The typical number of hours to be controlled during any 24-hour period will be approximately six (6) hours. It may be longer based on electric system requirements.

Deleted: five (5)

Controlled Central Air Conditioners

1. The member may choose to have service under Schedule 80, "Cycled Air Conditioning Service," Schedule 51, "Controlled Energy Storage," or Schedule 52, "Controlled Interruptible Service,"
2. Under Schedule 80 "Cycled Air Conditioning Service"
 - a. For members without other interruptible or controllable loads, such as an electric water heater, electric heat, heat pump, etc.
 - b. The central air conditioner will be cycled on and off when a peak or critical situation is reached.
 - c. Energy consumption may be submetered.
 - d. The member should recognize that the central air conditioner may be cycled for extended periods and this may result in a temperature rise within the home.
3. Under Schedule 51 "Controlled Energy Storage" or Schedule 52 "Controlled Interruptible Service"
 - a. All kilowatt-hours will be submetered. If the member also has an interruptible water heater or heat installation, these kilowatt-hours may be combined on one submeter.
 - b. The central air conditioner will be cycled on and off when a peak or critical situation is reached.
 - c. The member should recognize that the central air conditioner may be cycled for extended periods and this may result in a temperature rise within the home.

Deleted: _/_

Deleted: 3/12/09

Deleted: 09-175

Deleted: _

Deleted: 7/17/10

Deleted: _

Deleted: _

Deleted: _

Issued: 7/2/14

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

Effective: 11/12/15

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 20
REVISION: 2

Deleted: 1

MEMBER SERVICE INFORMATION STANDBY SERVICE RIDER

Deleted: DAKOTA ELECTRIC ASSOCIATION¶

STANDBY, SUPPLEMENTARY, EMERGENCY AND INCIDENTAL SERVICES

Unless otherwise specifically provided, the Association's rate schedules require that the member will take their entire electrical requirements from the Association. The Association's service is not available for standby, supplementary, emergency or incidental service with respect to any other source of power except when contracted for under a rate schedule providing for these services.

A. Definitions:

1. Standby service is defined as service continuously available through a permanent connection to provide power and energy for use by a member in case of failure of another mechanical or electrical source of power.
2. Supplementary service is defined as service continuously available through a permanent connection to supplement or augment directly or indirectly another independent source of power.
3. Emergency service is defined as service supplied through a temporary connection for the member's use when their usual source of supply has failed.
4. Incidental service is defined as service continuously available through a permanent connection to provide power and energy for use by a member where such use is merely incidental to members operations and essentially for their convenience; e.g. (without limiting the generality of the foregoing), for voltage or frequency control, for partial lighting of selected or limited areas, or for the operation of controls, battery chargers, starting devices, electric clocks, or other equipment requiring relatively small quantities of energy as compared with member's total energy usage.

B. Parallel Operations. If a member has an independent source of power that will be operated in parallel with the Association's system, such source of power must be operated as provided below. Any member who operates their facility in non-compliance with these provisions will be subject to immediate discontinuance of service.

Issued: 7/2/14

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

Effective: 11/12/15

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

MEMBER SERVICE INFORMATION
STANDBY SERVICE RIDER
CONTINUED

1. No member may connect an independent source of power in parallel with the Association's system without prior written consent of the Association. Any member desiring to generate in parallel shall execute a contract with the Association that contains terms and provisions regarding metering, billing, technical and operating parameters for the member's independent source of power.
2. The interconnection of member's facilities with the Association's system shall not interfere with the quality of the Association's service to any of its other members.
3. The member will provide the necessary equipment as approved by the Association to enable the member to operate their independent source of power in parallel with the Association's system. The member's independent source of power will be designed so that the interconnection circuit breaker or load break switch between the Association and the member will open under the following conditions:
 - a. De-energized Association system
 - b. Sustained line faults on Association's system
 - c. Faults on member's system

A member shall consult with the Association regarding these minimum requirements, additional protection recommended, proper operation of interconnect circuit breaker or load break switch, and member's independent source of power disconnecting device.

4. Since the power factor and the voltage at which the Association's system and a member's system are operated will vary, each party agrees to operate their system at a power factor as near unity as possible in such manner as to absorb their share of the reactive power, and voltage as conducive to the best operating standards.
5. The Association reserves the right to discontinue service if continued parallel operation by the member results in trouble on the Association's system, such as interruptions, ground faults, radio or telephone interference, surges, or objectionable voltage fluctuations, where such trouble is caused by a member and the member fails to remedy the causes thereof within a reasonable time.

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

MEMBER SERVICE INFORMATION
INTERRUPTIBLE SERVICE (SCHEDULES 70 AND 71)

A. General Rules and Policies for Interruptible Service (Schedules 70 and 71)

Participation in interruptible service, with or without a generator, must comply with the following requirements as applicable. If a generation system is used for curtailing a member's electrical requirements, the generation interconnection must comply with the requirements specified in the "Dakota Electric Association Distributed Generation Interconnection Requirements" document. The process for interconnecting with the Dakota Electric systems is documented in the "Distributed Generation Interconnection Process" document. Both the technical requirements and process documents follow the State of Minnesota Distributed Generation Interconnection standards. These document requirements include, but are not limited to the following.

1. The member is responsible for reducing load from electrical service provided by the Association during control periods to be eligible for an interruptible rate.
2. The Association will make every effort to give the member one-half hour notice prior to the start of a control period, but it is not guaranteed. Notices will be given in the form of an email, text message, or load control signal.
3. The duration and frequency of control periods shall be at the discretion of the Association. Control periods will normally occur at such times when the Association expects peak load conditions or when, in the Association's opinion, the reliability of the system is endangered.
4. The member is obligated to remain on the Interruptible rate for a minimum period of one year.
5. For Schedule 71 only, field tests will be conducted during normal peak demand hours to determine the amount of controllable demand and thereby establish the initial coincidental demand level for billing purposes.
6. The minimum controllable demand to qualify for this service shall be 50 kW.
7. The Association shall not be liable for any loss or damage caused by or resulting from testing any other interruption of service.
8. The member must allow the Association to inspect and test the load control installation and equipment provided by the member.
9. The member must notify the Association of any modifications or changes that are made to the original load control installation and equipment provided by the member.
The Association will supply a single dry contact to a member to initiate the load control. The member is responsible for any wiring from the Association provided dry contact to the member owned equipment. The member must provide and maintain a dial in direct (DID) telephone line to the Association's metering equipment. (PBX DID lines are acceptable.) The exact location of the phone line shall be verified with the Association. Alternatively, the member may select cellular meter and pay applicable communication fee.
10. Generator must be available for control at all times or the member will/may be removed from the rate, unless prior written approval is given by Dakota Electric.

Deleted: 3

Deleted: DAKOTA ELECTRIC ASSOCIATION¶

Formatted: Indent: Left: 0.25", First line: 0"

Formatted: Font: 11 pt, Not Bold, Not Italic

Formatted: Font: 11 pt, Not Bold, Not Italic

Formatted: Font: 11 pt, Not Bold, Not Italic

Formatted: Font: 11 pt, Not Bold, Not Italic

Formatted: Font: 11 pt, Not Bold, Not Italic

Deleted: The member's interconnection must comply with requirements specified in the Association's¶
Distributed Generation Interconnection requirements, which includes, but is not limited to the¶
following.

Deleted: ¶
<#>The member must purchase all of its electrical service from the Association to be eligible for an interruptible rate.¶

Formatted: Indent: Left: 0", First line: 0"

Deleted: 2.

Deleted: The member

Deleted: 3.

Deleted: electronic page, fax,

Deleted: 4.

Deleted: 5.

Deleted: 6.

Deleted: 7.

Deleted: 8.

Deleted: 9.

Formatted: Space After: 6 pt, Numbered + Level: 1 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.25" + Indent at: 0.5", Tab stops: Not at 4.81"

Deleted: 10.

Formatted: Space After: 6 pt, Numbered + Level: 1 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.25" + Indent at: 0.5"

Deleted: 11.

Deleted: ¶
<#>¶
M

Formatted: Numbered + Level: 1 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.25" + Indent at: 0.5"

Deleted: 3/12/09

Deleted: 09-175

Deleted: 7/17/10

DAKOTA ELECTRIC ASSOCIATION
4300 220th Street West
Farmington, MN 55024

SECTION: VI
SHEET: 23
REVISION: 4

MEMBER SERVICE INFORMATION
INTERRUPTIBLE SERVICE (SCHEDULES 70 AND 71)
(Continued)

B. General Rules and Policies for Distributed Generation Interconnection

1. The generation system installation must meet all of the applicable local and national standards for generation interconnection as well as the Dakota Electric Association Distributed Generation Interconnection Requirements. Any member that operates their generation system in non-compliance with these interconnection requirements will be subject to discontinuance of service. Current interconnection documents are available on the Association's Web site at

[http://light.dakotaelectric.com/Handbook/Pages/1/Interconnecting Generation.aspx](http://light.dakotaelectric.com/Handbook/Pages/1/Interconnecting%20Generation.aspx). The main topics covered in the Interconnection Requirements document include, but are not limited to:

- Types of Interconnection
- Interconnection Issues and Technical Requirements
- Generation Metering, Monitoring, and Control
- Protective Devices and Systems
- Agreements
- Metering Requirements

2. The member is responsible for all status point wiring from the on-site generation system to the Association's monitoring equipment. The generation status points typically include but are not limited to:

- Generator and Utility switch or breaker positions
- Generator Status – running or not running
- Generator Trouble Alarm Status
- Lock Out Relay Status – if applicable

3. The member retains responsibility for compliance with local and national standards in addition to the Dakota Electric Interconnection Requirements as they may change over time. No consumer may connect on-site generation in parallel with the Association's system without prior written consent of the Association.

4. The interconnection of member's facilities with the Association's system shall not interfere with the quality of the Association's service to any of its other members.

5. The member's operation of on-site generators, shall be restricted to control periods, periodic maintenance, equipment testing, severe weather conditions, and power supply outages only.

6. The generator fuel supply must be adequate for at least ten (10) hours of operation at full load. The Association recommends a fuel supply of at least 24 hours to cover normal daily loads.

7. The Association's operation of the member's generation or curtailment systems will normally be during control periods, but the Association reserves the right to further control on-site generators or curtailment systems as needed to promote efficient and reliable operation of the Association's system.

8. The member will provide the necessary equipment as approved by the Association to enable the member to operate the on-site generation in parallel with the Association's system as specified in Dakota Electric Association's Interconnection Requirements document.

9. The Association reserves the right to discontinue service if continued parallel operations by the member results in trouble on the Association's system, such as interruptions, ground faults, radio or telephone interference, surges, or objectionable frequency and voltage fluctuations, where such trouble is caused by a member, and the member fails to remedy the causes thereof within a reasonable time.

Deleted: 3

Deleted: DAKOTA ELECTRIC ASSOCIATION

Deleted: www.dakotaelectric.com/business/resources/distributed-generation

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Deleted: The Association

Deleted: for limited duration

Deleted: the member

Deleted: 3/12/09

Deleted: 09-175

Deleted: _

Deleted: _

Deleted: _

Deleted: 7/17/10

Issued: 7/2/14

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

Effective: 11/12/15