



Your Touchstone Energy® Partner 

August 3, 2020

Will Seuffert, Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

**Subject: Dakota Electric Association
Resource and Tax Adjustment Compliance Filing
Docket Nos. E-111/GR-19-478 and E-111/M-20-613**

PUBLIC DOCUMENT

Dear Mr. Seuffert:

Introduction

Dakota Electric Association® (Dakota Electric® or Cooperative) submits the attached Resource and Tax Adjustment (RTA) Compliance Filing pursuant to the Minnesota Public Utilities Commission (MPUC or Commission) Findings of Fact, Conclusions, and Order dated July 20, 2020 (Order) in Docket No. E-111/GR-19-478. Dakota Electric is concurrently submitting a final compliance filing in the rate case docket. This RTA filing will implement a new Resource and Tax Adjustment at the same time new rates are implemented. The new RTA amounts reflect the base components approved by the Commission, with the calculations included in the general rate case compliance filing. **This filing is a public document - trade secret data has been removed.**

Compliance

The relevant ordering paragraphs related to the RTA from the Commission's July 20, 2020 Order in Docket No. E-111/GR-19-478 are as follows:

Order Paragraph 2.b.

A revised base cost of energy, supporting schedules, and resource and tax adjustment tariffs to be in effect on the date final rates are implemented.

Rate case Compliance Schedule E filed in Docket No. E-111/GR-19-478 includes the base calculations for Dakota Electric's Resource and Tax Adjustment (RTA).

Concurrent with the implementation of approved rates, Dakota Electric will also implement new RTA charges. The calculations for the new RTA charges are provided in this filing being submitted at the same time as the rate case compliance filing.

Order Paragraph 3.

Dakota Electric shall file a computation of the base DSM & Conservation Recovery rate, based upon the decisions made herein for inclusion in the final Order.

Rate case Compliance Schedule E filed in Docket No. E-111/GR-19-478 includes the base calculations for Dakota Electric's Resource and Tax Adjustment (RTA). The balances and changes in component costs of the Resource and Tax Adjustment are detailed in the RTA calculations attached. **This filing is a public document - trade secret data has been removed.**

Order Paragraph 4.

Dakota Electric shall file a schedule detailing the DSM & Conservation Recovery tracker balance at the beginning of interim rates, the revenues (both base and the Resource and Tax Adjustment rate recovery) and costs recorded during the period of interim rates, and the DSM & Conservation Recovery tracker balance at the time final rates become effective.

The balances and changes in component costs of the Resource and Tax Adjustment are detailed in the attached RTA calculations. **This filing is a public document - trade secret data has been removed.**

Conclusion

Dakota Electric has electronically filed this document with the Minnesota Public Utilities Commission, which also constitutes service on the Minnesota Department of Commerce and the Office of the Minnesota Attorney General – Residential Utilities and Antitrust Division. A copy of this filing has been served on all parties on the official service list in this docket.

Please contact me at (651) 463-6258 if you have any questions regarding this compliance filing.

Sincerely,

/s/ Douglas R. Larson

Douglas R. Larson
Vice President of Regulatory Services
Dakota Electric Association
4300 220th Street West
Farmington, Minnesota 55024

Encl
Cc: Service List

Certificate of Service

I, Cherry Jordan, hereby certify that I have this day served copies of the attached document to those on the following service list by e-filing, personal service, or by causing to be placed in the U.S. mail at Farmington, Minnesota.

Docket Nos. E-111/GR-19-478 and E-111/M-20-613

Dated this 3rd day of August 2020

/s/ Cherry Jordan

Cherry Jordan



Your Touchstone EnergySM Partner 

Public Document – Excludes Trade Secret Information

Updated Annual Resource & Tax Adjustment

**Effective with new 2019 Rates
(Per Docket No. E-111/GR-19-478)**

August 3, 2020

Dakota Electric Association

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Dakota Electric Association

Resource & Tax Adjustment Methodology

Purchased Power Cost Adjustment

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

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

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

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

DSM & Conservation Recovery

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

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

Starting in 2020, Load Control Receivers (LCRs) associated with DEA's Advanced Grid Infrastructure (AGi) project are included in the recovery. The AGi LCR recovery relates to LCRs in service as of January 1, 2020 and forecasted additions throughout the remainder of 2020. As the project progresses, the net over-recovery or under-recovery will be trued-up in each annual billing.

Property and Real Estate Tax Recovery

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

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

Dakota Electric Association

Resource & Tax Adjustment Methodology (Continued)

Prior to the 2017 RTA application, Dakota Electric Association was not permitted to include a property tax adjustment within the Resource and Tax Adjustment if the Cooperative's energy conservation program spending fell below 1.75% of gross operating revenue. The passage of Minnesota Statute 216B.1647 in the 2016 Minnesota Legislative Session removed this requirement on Dakota Electric's future application of the property tax adjustment within the Resource and Tax Adjustment. The property tax adjustment is no longer tied to meeting a threshold for spending on CIP programs

Resource and Tax Adjustment Factor

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

Dakota Electric Association

Summary of Resource & Tax Adjustment Schedules

Schedule A1 summarizes the resource and tax adjustment factors for all rate classes for the calendar year ending December, 2020. The three factors which comprise the resource and tax adjustment factor: the power cost adjustment factor, DSM & conservation recovery factor, and property and real estate tax recovery factor are shown for each rate class. In addition, the net effective energy rate per class is shown. Schedule A1.1 shows the base calculation for the resource and tax adjustment components included in the 2019 general rate filing Docket No. E-111/GR-19-478.

Schedule A2 uses known power cost billing information and projected sales to compute a purchased power cost adjustment factor for the rate classes for the calendar year ending December 31, 2020. This schedule begins with a carryover of the accumulated over-recovery or under-recovery of the cost of purchased power to date (from Schedule B1). Schedule A2-2 details the projected power cost correction recovery mechanism for calendar year 2020.

Schedule A3 computes the DSM & conservation recovery factor based on 1) projected sales for the calendar year ending December 31, 2020, 2) projected additions for calendar 2019 (from Schedule F), 3) the accumulated over-recovery or under-recovery to date (from Schedule B2) and 4) AGi LCR recovery (from Schedule E-3).

Schedule A4 computes the property and real estate tax recovery factor based on 1) projected sales for the calendar year ending December 31, 2020, and 2) estimated property and real estate tax payable during calendar 2020 (Schedule A4-3). Schedule A4-2 details the tax factor by rate class.

Schedule B1 computes the accumulated over-recovery or under-recovery of purchased power costs through the previous calendar year ended December 31, 2019, based on actual sales and power costs. Schedule B1-1 details the power cost recovery mechanism for 2019.

Schedule B2 computes the accumulated over-recovery or under-recovery of DSM & conservation costs through the previous calendar year ended December 31, 2019, based on actual sales and recoveries.

Schedule B3 computes the accumulated over-recovery or under-recovery of property & real estate taxes through the previous fiscal year ended December 31, 2019, based on actual sales and recoveries.

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

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

Schedule E is a recap of the projected DSM & conservation balance at December 31, 2019 and the approved additions during 2019. AGi LCR recovery for equipment that was in service as of January 2020 and any equipment for the remainder of 2020 as identified in the Advanced Grid Infrastructure (AGi) Rider.

Schedule F lists the 2019 spending on conservation programs that reduce energy use.

Appendix is a copy of the calendar year 2020 wholesale power rates for DEA from Great River Energy. Trade Secret Data

Dakota Electric Association
Resource & Tax Adjustment Summary Schedule
For the Twelve Months Ending December 31, 2020

| Rate | Base Cost of Power | Power Cost Adjustment | DSM & Conservation Adjustment | Property & Real Estate Tax Adjustment | Total Resource & Tax Adjustment | Summer Months Tariffed Energy Rate | Other Months Tariffed Energy Rate | Average Energy Rate | Approximate Net Effective Energy Rate |
|-----------------------------------|-----------------------|-----------------------------|-------------------------------------|---|---------------------------------------|--|---|---------------------------|---|
| A | B | C | D | E | F=C+D+E | G | H | I | J=F+I |
| 31 Residential | \$0.0939 | (\$0.0002) | \$0.0002 | \$0.0000 | \$0.0000 | \$0.13770 | \$0.12380 | \$0.12806 | \$0.12806 |
| 32 Resl Dem Ctrl | \$0.0939 | (\$0.0002) | \$0.0002 | \$0.0000 | \$0.0000 | \$0.08090 | \$0.08090 | \$0.08090 | \$0.08090 |
| 36 Irrigation - Firm | \$0.0939 | (\$0.0002) | \$0.0002 | (\$0.0001) | (\$0.0001) | \$0.05210 | \$0.05210 | \$0.05210 | \$0.05200 |
| 37 Irrigation - Interruptible | \$0.0521 | (\$0.0039) | \$0.0002 | (\$0.0001) | (\$0.0038) | \$0.05210 | \$0.05210 | \$0.05210 | \$0.04830 |
| 41 Sm Genl Serv | \$0.0939 | (\$0.0002) | \$0.0002 | (\$0.0001) | (\$0.0001) | \$0.13740 | \$0.12340 | \$0.12687 | \$0.12677 |
| 44 Street Lights | \$0.0939 | (\$0.0002) | \$0.0002 | (\$0.0004) | (\$0.0004) | Various | Various | Various | Various |
| 44B Security Lgts | \$0.0939 | (\$0.0002) | \$0.0002 | (\$0.0004) | (\$0.0004) | Various | Various | Various | Various |
| 45 Low Wattage Unmetered | n/a | n/a | n/a | n/a | n/a | \$10.50 / mo. | | | \$10.50 / mo. |
| 46 General Service | \$0.0939 | (\$0.0002) | \$0.0002 | (\$0.0001) | (\$0.0001) | \$0.07800 1st 200kWh per kW, next 200 @ \$0.06800, over 400 @ \$0.05800 | | \$0.0729 | \$0.0728 |
| 47 Municipal Civil Defense | n/a | n/a | n/a | n/a | \$0.0000 | \$5.00 / mo. | | | \$5.00 / mo. |
| 49 Geothermal Heat Pump | \$0.0813 | (\$0.0030) | \$0.0002 | (\$0.0001) | (\$0.0029) | \$0.10300 | \$0.10300 | \$0.10300 | \$0.10010 |
| 51 Controlled Energy Storage | \$0.0204 | \$0.0026 | \$0.0002 | \$0.0000 | \$0.0028 | \$0.04870 | \$0.04870 | \$0.04870 | \$0.05150 |
| 52 Controlled Interruptible | \$0.0352 | \$0.0015 | \$0.0002 | \$0.0000 | \$0.0017 | \$0.06310 | \$0.06310 | \$0.06310 | \$0.06480 |
| 53 Time of Day - Res'l | \$0.0939 | (\$0.0002) | \$0.0002 | \$0.0000 | \$0.0000 | \$0.21263 peak summer, \$0.19863 peak other (4-11pm) off-peak (11pm-4am) | | | \$0.09450 |
| 54 Time of Day - Genl Service | \$0.0939 | (\$0.0002) | \$0.0002 | (\$0.0001) | (\$0.0001) | \$0.05210 | \$0.05210 | \$0.05210 | \$0.05200 |
| 70 Interruptible Option - Full | \$0.0521 | (\$0.0039) | \$0.0002 | (\$0.0001) | (\$0.0038) | \$0.05210 | \$0.05210 | \$0.05210 | \$0.04830 |
| 71 Interruptible Option - Partial | \$0.0521 | (\$0.0039) | \$0.0002 | (\$0.0001) | (\$0.0038) | \$0.05210 | \$0.05210 | \$0.05210 | \$0.04830 |
| 81 Cycled Air Metered | n/a | n/a | n/a | n/a | n/a | (\$0.032)/kWh | | | (\$0.032)/kWh |
| 82 Cycled Air Res'l | n/a | n/a | n/a | n/a | n/a | (\$13)/mo | | | (\$13)/mo |
| 84 Cycled Air Comm'l | n/a | n/a | n/a | n/a | n/a | (\$6.50)/ton | | | (\$6.50)/ton |

Dakota Electric Association
Base Calculation for Resource & Tax Adjustment Components

Energy Cost Adjustment (ECA)

| | | |
|---------------------------------------|-----------|-------------------|
| Average Wholesale Energy Cost per kWh | \$ | 0.0521 |
| Rate 70 & 71 Energy Sales | | 406,800,000 |
| Rate 36 Interruptible Energy Sales | | 7,801,344 |
| Interruptible Wholesale Energy Cost | = \$ | <u>21,600,730</u> |
| ECA Base per kWh Sold | \$ | 0.0521 |

Load Management Rates

Rate 51

| | | |
|--|------|----------------|
| GRE Wholesale Cost - ETS Water Heating | \$ | 0.0200 |
| Rate 51 - ETS Water Heating Sales | x | 8,491,977 |
| Rate 51 - ETS Water Heating Power Cost | = \$ | <u>169,840</u> |

| | | |
|--|------|---------------|
| GRE Wholesale Cost - ETS Space Heating | \$ | 0.0225 |
| Rate 51 - ETS Space Heating Sales | x | 1,816,023 |
| Rate 51 - ETS Space Heating Power Cost | = \$ | <u>40,861</u> |

| | | |
|---|------|--------------|
| GRE Wholesale Cost - ETS Electric Vehicle | \$ | 0.0200 |
| Rate 51 - ETS Electric Vehicle Sales | x | 300,960 |
| Rate 51 - ETS Electric Vehicle Power Cost | = \$ | <u>6,019</u> |

| | | |
|--|------|---------------|
| Rate 51 Power Costs | \$ | 216,720 |
| Rate 51 Energy Sales | ÷ | 10,608,960 |
| Rate 51 Weighted Power Cost Base per kWh Sold | = \$ | 0.0204 |

Rate 52

| | | |
|---|------|----------------|
| GRE Wholesale Cost - Peak Shave Water Heating | \$ | 0.0340 |
| Rate 52 - Peak Shave Water Heating Sales | x | 23,557,907 |
| Rate 52 - Peak Shave Water Heating Power Cost | = \$ | <u>800,969</u> |

| | | |
|--|------|----------------|
| GRE Wholesale Cost - Dual Fuel Space Heating | \$ | 0.0365 |
| Rate 52 - Dual Fuel Space Heating Sales | x | 20,569,693 |
| Rate 52 - Dual Fuel Space Heating Power Cost | = \$ | <u>750,794</u> |

| | | |
|--|------|---------------|
| Rate 52 Power Costs | \$ | 1,551,763 |
| Rate 52 Energy Sales | ÷ | 44,127,600 |
| Rate 52 Weighted Power Cost Base per kWh Sold | = \$ | 0.0352 |

Dakota Electric Association
Base Calculation for Resource & Tax Adjustment Components

Geothermal

Rate 49

| | | |
|-----------------------------------|------|---------|
| GRE Wholesale Cost - Geothermal | \$ | 0.0813 |
| Rate 49 - Geothermal Energy Sales | x | 172,800 |
| Rate 49 - Geothermal Power Cost | = \$ | 14,049 |

Rate 49 Power Cost Base per kWh Sold **\$ 0.0813**

Power Cost Adjustment (PCA)

| | | |
|---|------|--------------------------|
| Total Wholesale Power Cost | \$ | 150,749,644 ^A |
| ECA Power Cost | - | 21,600,730 |
| Rate 51 Power Cost | - | 216,720 |
| Rate 52 Power Cost | - | 1,551,763 |
| Rate 49 Power Cost | - | 14,049 |
| Wellspring (wholesale pass-through) | - | 23,370 |
| Member Specific Discount (wholesale pass-through) | | (45,040) |
| Standby (wholesale pass-through) | - | 27,060 |
| Firm Wholesale Power Cost | = | 127,360,992 |
| Firm kWh Energy Sales | ÷ | 1,356,004,920 |
| PCA Power Cost Base per kWh Sold | = \$ | 0.0939 |

| | | |
|---|------|----------------------------|
| Total Wholesale Power Cost | \$ | 150,749,644 |
| Total Energy Sales | ÷ | 1,825,515,624 ^B |
| Total System Power Cost per kWh Sold | = \$ | 0.0826 |

Notes:

A See Exhibit__(DEA-1), page 22 of 22 UPDATED.

B See Exhibit__(DEA-1), page 12 of 22 UPDATED.

Dakota Electric Association
Base Calculation for Resource & Tax Adjustment Components

Conservation & DSM Spending Base Calculation

| | | |
|--|-----------|------------------------|
| 2019 Budget Conservation & DSM Spending | \$ | 2,206,789 ^C |
| Test Year MWh Sales | | 1,825,516 |
| Conservation & DSM Base per kWh | \$ | 0.0012 |

Property Tax Recovery Base Calculation

| | | |
|---|-----------|------------------------|
| Test Year Real & Personal Property Taxes | \$ | 3,550,790 ^D |
| Test Year MWh Sales | | 1,825,516 |
| Property & R/E Tax Recovery Base per kWh | \$ | 0.0019 |

| Allocation to Rate Classes Using Cost of Service Method | | |
|---|--|----------------|
| Class & Rate | Property & Real Estate Taxes in Rate Base ^E | % of Taxes |
| Residential & Farm Service | \$ 2,223,454 | 62.62% |
| 31 Residential | | |
| 32 Res'l Demand Control | | |
| 53 Res'l Time of Day | | |
| Irrigation - 36 | 25,070 | 0.71% |
| Small General Service - 41 | 116,013 | 3.27% |
| General Service - 46 | 614,089 | 17.29% |
| 46 - General Service | | |
| 49 - Geothermal | | |
| 54 - General Service Time of Day | | |
| Interruptible Service - 70 & 71 | 449,646 | 12.66% |
| Lighting - 44, 44-1, 44-2, 44-3 | 122,518 | 3.45% |
| TOTAL | \$ 3,550,790 | 100.00% |

Notes:

^C See Workpaper #9 of Original Filing.

^D Per Summary of Test Year Adjustments, Exhibit__(DEA_1) Page 2 of 22 Original Filing.

^E Per Allocation of Revenue Requirements to Rate Classes, Exhibit__(DEA-3). Page 22 of 42.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Energy Cost Adjustment Projection
For the Twelve Months Ending December 31, 2020**

Schedule A2-1

Page 1 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

Schedule A2-1

Page 2 of 5

**Dakota Electric Association
Load Management Rate 51 Adjustment Projection
For the Twelve Months Ending December 31, 2020**

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Load Management Rate 52 Adjustment Projection
For the Twelve Months Ending December 31, 2020**

Schedule A2-1

Page 3 of 5

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CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Geothermal Adjustment Projection
For the Twelve Months Ending December 31, 2020**

Schedule A2-1

Page 4 of 5

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CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Power Cost Adjustment Projection
For the Twelve Months Ending December 31, 2020**

Schedule A2-1

Page 5 of 5

Trade Secret Data has been excised.

**Dakota Electric Association
Power Cost Adjustment Projection
Estimated Power Cost Correction Recovery Mechanism
For the Twelve Months Ending December 31, 2020**

Trade Secret Data has been excised.

Dakota Electric Association
Projected DSM & Conservation Recovery Factor
For the Twelve Months Ending December 31, 2020

Schedule A3

| (A) | (B) | (C) | |
|--|-----------------------------|---------|----------------------|
| DSM & Conservation Tracker Expenses | \$ 2,459,744 | | Schedule E, Column F |
| 2019 Recovery in Base Rates | <u>(2,142,947)</u> | | Schedule E, Column G |
| Subtotal | 316,797 | | |
| 2019 Carrying Cost | <u>(1,030)</u> | | Schedule E, Column C |
| 2019 Tracker Additions | 315,767 | | |
| Cumulative True-Up (Over) / Under-Recovery at 12/31/19 | <u>69,082</u> | | Schedule B2 |
| Total to Recover 2020 | <u><u>\$ 384,849</u></u> | | |
| Projected Calendar Year 2020 kWh Sales | <u><u>1,818,143,000</u></u> | | |
| Tracker Account Recovery Factor | <u><u>\$ 0.0002</u></u> | per kWh | |

Projected Recovery Results

| Month | Projected kWh Sales | Projected DSM & Conservation Recovery |
|---|------------------------|---|
| Jan-20 | 155,289,000 | \$ 31,058 |
| Feb-20 | 137,185,000 | 27,437 |
| Mar-20 | 138,512,000 | 27,702 |
| Apr-20 | 127,737,000 | 25,547 |
| May-20 | 140,156,000 | 28,031 |
| Jun-20 | 166,578,000 | 33,316 |
| Jul-20 | 192,413,000 | 38,483 |
| Aug-20 | 179,475,000 | 35,895 |
| Sep-20 | 154,344,000 | 30,869 |
| Oct-20 | 134,461,000 | 26,892 |
| Nov-20 | 136,876,000 | 27,375 |
| Dec-20 | <u>155,117,000</u> | <u>31,023</u> |
| Total kWh Sales | 1,818,143,000 | \$ 363,628 |
| Total to Recover 2020 | | <u>384,849</u> |
| Net Projected Over / (Under) Recovery at 12/31/20 | | <u><u>\$ (21,221)</u></u> |

Dakota Electric Association
Projected Property & Real Estate Tax Recovery Factor
For the Twelve Months Ending December 31, 2020

Schedule A4-1

| (A) | (B) | (C) | |
|--|-----|----------------------------|-----------------------|
| Estimated 2020 Real & Personal Property Taxes* | | 3,265,779 | Schedule A4-3 |
| Projected 2020 Recovery in Base Rates | | <u>(3,454,472)</u> | |
| Projected 2020 (Over) / Under-Recovery in Base Rates | | (188,693) | |
| Cumulative True-Up (Over) / Under-Recovery at 12/31/2019 | | <u>77,586</u> | Schedule B3, Column B |
| Recoverable Balance for 2020 | | <u>\$ (111,107)</u> | |
| Projected Calendar Year 2020 kWh Sales | | <u>1,818,143,000</u> | |
| Average Property & Real Estate Tax Recovery | | <u>\$ (0.00010)</u> | per kWh |
| Note: See Schedule A4-2 for recovery factor by class detail | | | |

| Month | Projected kWh Sales | Projected Property & Real Estate Tax Recovery |
|--|------------------------|---|
| Jan-20 | 155,289,000 | \$ (15,529) |
| Feb-20 | 137,185,000 | (13,719) |
| Mar-20 | 138,512,000 | (13,851) |
| Apr-20 | 127,737,000 | (12,774) |
| May-20 | 140,156,000 | (14,016) |
| Jun-20 | 166,578,000 | (16,658) |
| Jul-20 | 192,413,000 | (19,241) |
| Aug-20 | 179,475,000 | (17,948) |
| Sep-20 | 154,344,000 | (15,434) |
| Oct-20 | 134,461,000 | (13,446) |
| Nov-20 | 136,876,000 | (13,688) |
| Dec-20 | <u>155,117,000</u> | <u>(15,512)</u> |
| Total kWh Sales | 1,818,143,000 | \$ (181,816) |
| Recoverable balance for 2020 | | <u>(111,107)</u> |
| Net Projected Over / (Under) Recovery at 12/31/20 | | <u>\$ (70,709)</u> |

* Refers to 2019 taxes payable in 2020

Dakota Electric Association
Projected Property & Real Estate Tax Adjustment
Allocation to Rate Classes Using Cost of Service Method
For the Twelve Months Ending December 31, 2020

Schedule A4-2

| Class & Rate | Property & Real Estate Taxes in Rate Case | % Plant | Current Recoverable Balance | (Over)/Under Recovered 12/31/2019 | Net Recoverable Balance | Forecasted kWh Sales 1/2020 -12/2020 | Adjustment per kWh |
|--------------------------------|--|----------------|------------------------------------|--|--------------------------------|---|---------------------------|
| A | B | C | D | | | E | F |
| Residential | \$2,223,454 | 62.62% | (\$118,159) | 85,633 | (\$32,526) | 885,122,000 | \$0.0000 |
| 31 Residential | | | | | | | |
| 32 Resl Demand Control | | | | | | | |
| 53 Resl Time of Day | | | | | | | |
| Irrigation | 25,070 | 0.71% | (1,340) | 816 | (524) | 7,659,000 | (0.0001) |
| 36 Irrigation | | | | | | | |
| 37 Irrigation - Controlled | | | | | | | |
| Small General Service - 41 | 116,013 | 3.27% | (6,170) | 3,925 | (2,245) | 43,375,000 | (0.0001) |
| General Service | 614,089 | 17.29% | (32,625) | (9,892) | (42,517) | 461,471,000 | (0.0001) |
| 46 General Service | | | | | | | |
| 49 Geothermal | | | | | | | |
| 54 General Service Time of Day | | | | | | | |
| Interruptible Option - 70 & 71 | 449,646 | 12.66% | (23,889) | (5,237) | (29,126) | 409,456,000 | (0.0001) |
| Lighting | 122,518 | 3.45% | (6,510) | 2,340 | (4,170) | 11,060,000 | (0.0004) |
| 44 Street Lights | | | | | | | |
| 44B Security Lights | | | | | | | |
| TOTAL | \$3,550,790 | 100.00% | (188,693) | \$77,586 | (\$111,107) | 1,818,143,000 | (\$0.0001) |

Dakota Electric Association
Property & Real Estate Taxes by Location
Estimated 2019 Taxes Payable in 2020

Schedule A4-3

PERSONAL PROPERTY TAXES

| | |
|-------------------------------------|---------------|
| <u>Dakota County</u> | |
| Apple Valley / 196 | \$ 479,764.00 |
| Apple Valley / 191 | 5,586.00 |
| Burnsville / 191 | 281,234.00 |
| Burnsville / 194 | 38,702.00 |
| Burnsville / 196 | 178,396.00 |
| Burnsville Sub / 196 (Leased Land) | 22,000.00 |
| Burnscott Sub / 191 (Leased Land) | 14,204.00 |
| Castle Rock Twp (Randolph) / 195 | 2,206.00 |
| Eagan / 191 | 51,054.00 |
| Eagan / 196 | 489,312.00 |
| Eagan / 197 | 76,102.00 |
| Pilot Knob Sub / 196 (Leased Land) | 13,732.00 |
| Eagan Sub / 196 Westcott (L.L.) | 29,652.00 |
| Farmington / 192 | 109,162.00 |
| Randolph Sub / 195 | - |
| Hastings / 200 | 28,036.00 |
| Inver Grove Heights / 199 | 22,098.00 |
| Inver Grove Heights / 196 | 86,942.00 |
| Lakeville / 196 | 82,602.00 |
| Lakeville / 194 | 377,714.00 |
| Lakeville / 192 | 49,748.00 |
| Miesville / 200 | 2,192.00 |
| New Trier / 200 | 94.00 |
| Rosemount / 200 | 26.00 |
| Rosemount / 196 | 66,306.00 |
| <u>Scott County</u> | |
| Lake Marion Sub / 194 (Leased Land) | 8,188.00 |
| <u>Goodhue County</u> | |
| Cannon Falls Twp | 5,687.83 |
| Burnside Twp (Redwing) | 21,426.52 |
| <u>Great River Energy</u> | |
| Empire Sub / 192 | 13,596.69 |
| <u>Xcel Energy</u> | |
| Vermillion Sub / 192 | 22,117.31 |

| | |
|-------------------------------|---------------------|
| Total Property Taxes | 2,577,880.33 |
| Total Personal Property Taxes | |

GRAND TOTAL TAXES **\$ 3,265,779.26**

REAL ESTATE TAXES

| | |
|---------------------------------------|--------------|
| <u>Dakota County</u> | |
| Fischer Sub - Apple Valley / 196 | \$ 44,430.00 |
| Apple Valley Sub - Apple Valley / 196 | 25,218.00 |
| Colonial Hills Sub - Burnsville / 191 | 30,836.00 |
| Castle Rock Sub South / 659 | 3,806.00 |
| Castle Rock Sub North / 659 | 44.00 |
| Lemay Sub West - Eagan / 197 | 1,532.00 |
| Lemay Sub East - Eagan / 197 | 25,702.00 |
| Lakeville Par 7 / 196 | 10.00 |
| Deerwood Sub - Eagan Sub / 196 | 20,080.00 |
| Lebanon Hills Sub - Eagan / 196 | - |
| Eagan Sub / 196 | 22,364.00 |
| Lebanon Hills Sub - Eagan / 196 | 11,612.00 |
| River Hills Sub - Eagan / 196 | 43,892.00 |
| Yankee Doodle Sub - Eagan / 196 | 28,604.00 |
| Farmington Sub / 192 | 2,550.00 |
| Randolph Sub / 195 | 20,150.00 |
| Rich Valley Sub - Inver Grove / 196 | 3,582.00 |
| Orchard Lake Sub - Lakeville / 194 | 17,190.00 |
| Dakota Heights Sub - Lakeville / 194 | 19,148.00 |
| Dodd Park Sub South - Lakeville / 194 | 19,078.00 |
| Dodd Park Sub North - Lakeville / 194 | - |
| Kenrick Sub - Lakeville / 194 | 29,490.00 |
| Lakeville Sub / 196 | 15,794.00 |
| Ritter Sub / 194 | 33,846.00 |
| Hastings Sub / 200 | 13,148.00 |
| Nininger Sub / 200 | 17,506.00 |
| Marshan Twp / 200 | 9,618.00 |
| Miesville Sub South / 200 | 12,036.00 |
| Miesville Sub Northwest / 200 | 2,334.00 |
| Headquarters Building | 158,792.00 |
| <u>Goodhue County</u> | |
| Byllesby Sub - Cannon Falls Twp | 7,214.08 |
| Ravenna Sub | 32,934.44 |
| <u>MN Valley Electric</u> | |
| Burnscott Joint Sub | 3,862.00 |
| <u>Xcel Energy</u> | |
| Vermillion Sub / 192 | 11,496.41 |

| | |
|--------------------------------|----------------------|
| Total Real Estate Taxes | \$ 687,898.93 |
| Total Real Estate Taxes | |

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Energy Cost Adjustment
For the Twelve Months Ending December 31, 2019**

Schedule B1

Page 1 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Load Management Rate 51 Adjustment
For the Twelve Months Ending December 31, 2019**

Schedule B1

Page 2 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Load Management Rate 52 Adjustment
For the Twelve Months Ending December 31, 2019**

Schedule B1

Page 3 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Geothermal Adjustment
For the Twelve Months Ending December 31, 2019**

Schedule B1

Page 4 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Power Cost Adjustment
For the Twelve Months Ending December 31, 2019**

Schedule B1

Page 5 of 5

Trade Secret Data has been excised.

CONTAINS TRADE SECRET INFORMATION

**Dakota Electric Association
Power Cost Adjustment Projection
2019 Actual Power Cost Correction Recovery Mechanism**

Schedule B1-1

Trade Secret Data has been excised.

Dakota Electric Association
Actual DSM & Conservation Over / Under Recovery
For the Twelve Months Ending December 31, 2019

Schedule B2

| (A) | (B) | (C) | (D) |
|--|------------------------|-------------------------------|---|
| Month | Projected kWh Sales | Actual Billed kWh Sales | Resource Recovery @ 0.0001/kWh |
| Jan-19 | 155,851,000 | 155,264,234 | 15,526 |
| Feb-19 | 137,025,000 | 159,839,417 | 15,984 |
| Mar-19 | 138,450,000 | 143,125,008 | 14,313 |
| Apr-19 | 127,745,000 | 123,307,960 | 12,331 |
| May-19 | 140,912,000 | 124,472,970 | 12,447 |
| Jun-19 | 166,534,000 | 147,668,985 | 14,767 |
| Jul-19 | 188,564,000 | 174,894,474 | 17,489 |
| Aug-19 | 180,004,000 | 186,389,553 | 18,639 |
| Sep-19 | 151,698,000 | 160,888,807 | 16,089 |
| Oct-19 | 133,655,000 | 137,227,381 | 13,723 |
| Nov-19 | 134,146,000 | 130,467,418 | 13,047 |
| Dec-19 | 154,716,000 | 142,242,725 | 14,224 |
| Total kWh Sales | 1,809,300,000 | 1,785,788,932 | 178,579 |
| | | | |
| Actual DSM & Conservation Recovery | | \$ | 178,579 (D) total from above |
| Less DSM & Conservation Additions in 2018 | | \$ | 214,330 Schedule E, Column C+E |
| Over (Under) Recovery at December 31, 2019 | | \$ | (35,751) Recovery - 2018 Additions |
| Cumulative Over (Under) Recovery at December 31, 2018 | | \$ | (33,331) January 2019 RTA Filing Schedule B2 |
| Cumulative Over (Under) Recovery at December 31, 2019 | | \$ | (69,082) |

Dakota Electric Association
Property & Real Estate Tax (Over)/Under Recovery
Year Ended December 31, 2019

Schedule B3

| A | B | C | D | E | F | G | H | I |
|------------|---|-------------------------------------|------------------------------|------------------------------------|-----------------------|-------------------|---|--|
| Month | Property Tax Account # 16130 Balance | Monthly (Over)/Under Recovery | Carrying* Cost @ 6.52% | Resource Adjustment Recovery | Base Rate Recovery | Total Recovery | Property & Real Estate Taxes Payable | Additions to Tax Tracker Account |
| Dec-18 | (23,516) | | | | | | | |
| Jan-19 | (28,542) | (5,026) | (128) | 0 | 295,002 | 295,002 | 290,104 | (4,898) |
| Feb-19 | (42,288) | (13,746) | (155) | 0 | 303,695 | 303,695 | 290,104 | (13,591) |
| Mar-19 | (24,352) | 17,936 | (230) | 0 | 271,938 | 271,938 | 290,104 | 18,166 |
| Apr-19 | 27,108 | 51,460 | (132) | 0 | 234,285 | 234,285 | 285,877 | 51,592 |
| May-19 | 76,633 | 49,525 | 147 | 0 | 236,499 | 236,499 | 285,877 | 49,378 |
| Jun-19 | 82,355 | 5,722 | 416 | 0 | 280,571 | 280,571 | 285,877 | 5,306 |
| Jul-19 | 36,380 | (45,976) | 447 | 0 | 332,300 | 332,300 | 285,877 | (46,423) |
| Aug-19 | (31,686) | (68,065) | 198 | 0 | 354,140 | 354,140 | 285,877 | (68,263) |
| Sep-19 | (51,670) | (19,984) | (172) | 0 | 305,689 | 305,689 | 285,877 | (19,812) |
| Oct-19 | (20,892) | 30,778 | (281) | 0 | 260,732 | 260,732 | 291,791 | 31,059 |
| Nov-19 | 22,898 | 43,789 | (114) | 0 | 247,888 | 247,888 | 291,791 | 43,903 |
| Est Dec-19 | 77,586 | 54,688 | 124 | 0 | 270,261 | 270,261 | 324,825 | 54,564 |
| Total | 77,586 | 101,103 | 122 | 0 | 3,393,000 | 3,393,000 | 3,493,981 | 100,981 |
| | | | | | | (= E + F) | | (= H - F) |

Dakota Electric Association
Projected kWh Sales & Usage
For the Twelve Months Ending December 31, 2020

Schedule C

| (A) | (B) | (C) | (D) | (E) | (F) | (G) |
|-----------------------|------------------|---------------|---------------|---------------|---------------|---------------|
| KWH Sold | Historical Sales | | | | | Projected |
| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Jan | 153,802,214 | 153,660,508 | 153,324,265 | 156,721,366 | 154,882,026 | 155,289,000 |
| Feb | 139,609,638 | 136,674,375 | 129,099,021 | 137,383,267 | 139,514,504 | 137,185,000 |
| Mar | 137,452,561 | 134,006,431 | 138,664,070 | 138,168,544 | 140,682,993 | 138,512,000 |
| Apr | 125,942,192 | 127,143,895 | 155,129,564 | 130,637,682 | 126,403,168 | 127,737,000 |
| May | 134,241,005 | 140,205,110 | 135,072,171 | 155,695,725 | 132,010,307 | 140,156,000 |
| Jun | 159,727,676 | 171,188,740 | 167,246,804 | 173,336,320 | 156,992,181 | 166,578,000 |
| Jul | 188,076,210 | 194,417,314 | 194,818,559 | 192,950,060 | 192,292,249 | 192,413,000 |
| Aug | 176,198,869 | 189,139,131 | 161,586,588 | 187,464,790 | 173,101,800 | 179,475,000 |
| Sep | 159,986,766 | 148,362,495 | 155,806,803 | 153,135,516 | 150,697,207 | 154,344,000 |
| Oct | 132,983,623 | 135,482,227 | 134,001,899 | 133,899,233 | 133,471,831 | 134,461,000 |
| Nov | 134,039,036 | 134,297,451 | 138,838,188 | 140,900,694 | 139,611,870 | 136,876,000 |
| Dec | 150,254,953 | 157,396,449 | 156,900,851 | 151,408,916 | 154,716,000 | 155,117,000 |
| | 1,792,314,743 | 1,821,974,126 | 1,820,488,783 | 1,851,702,113 | 1,794,376,136 | 1,818,143,000 |
| # Increase/(Decrease) | (36,120,574) | 29,659,383 | (1,485,343) | 31,213,330 | (57,325,977) | 23,766,864 |
| % Increase | -1.98% | 1.65% | -0.08% | 1.71% | -3.1% | 1.3% |

| (A) | (B) | (C) | (D) | (E) | (F) | (G) |
|-----------------------|------------------|-----------|-----------|-----------|-----------|-----------|
| Own Use | Historical Sales | | | | | Projected |
| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Jan | 324,408 | 299,202 | 318,650 | 324,083 | 307,272 | 317,000 |
| Feb | 317,425 | 266,336 | 237,845 | 277,299 | 310,047 | 275,000 |
| Mar | 229,479 | 196,608 | 239,423 | 224,806 | 228,082 | 231,000 |
| Apr | 149,561 | 154,725 | 136,746 | 209,210 | 146,082 | 164,000 |
| May | 103,468 | 104,308 | 105,730 | 91,931 | 120,263 | 106,000 |
| Jun | 109,485 | 109,381 | 94,702 | 94,082 | 87,464 | 92,000 |
| Jul | 111,223 | 111,058 | 98,835 | 99,920 | 96,354 | 101,000 |
| Aug | 112,210 | 115,113 | 97,965 | 101,261 | 94,428 | 101,000 |
| Sep | 106,731 | 103,822 | 90,212 | 89,340 | 88,558 | 91,000 |
| Oct | 101,455 | 108,514 | 115,517 | 116,795 | 111,232 | 115,000 |
| Nov | 139,948 | 166,064 | 237,552 | 245,202 | 217,270 | 233,000 |
| Dec | 239,882 | 317,421 | 291,369 | 245,882 | 273,000 | 274,000 |
| | 2,045,275 | 2,052,552 | 2,064,546 | 2,119,811 | 2,080,052 | 2,100,000 |
| # Increase/(Decrease) | (260,202) | 7,277 | 11,994 | 55,265 | (39,759) | 19,948 |
| % Increase | -11.29% | 0.36% | 0.58% | 2.68% | -1.9% | 1.0% |

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

Schedule D

| (A) | (B) | (C) | (D) | (E) | (F) |
|-------|------------------|---------------|----------------|--------------|-----------------------------|
| Year | kWh Purchased | kWh Sold | kWh Own Use | kWh Loss* | Line Loss % of Purchases |
| 2015 | 1,849,855,685 | 1,792,314,743 | 2,045,275 | 55,495,668 | 3.000% |
| 2016 | 1,872,717,331 | 1,821,974,126 | 2,052,552 | 48,690,653 | 2.600% |
| 2017 | 1,840,403,827 | 1,820,488,783 | 2,064,546 | 17,850,498 | 0.970% |
| 2018 | 1,901,355,818 | 1,851,702,113 | 2,119,811 | 47,533,894 | 2.500% |
| 2019 | 1,842,525,092 | 1,794,376,136 | 2,080,052 | 46,068,904 | 2.500% |
| Total | 9,306,857,753 | 9,080,855,901 | 10,362,236 | 215,639,617 | 2.320% |

* 2016 reflects the impact of a reduction in line loss % from 3.0% to 2.6% based on a system-wide line loss analysis

* 2017 kWh sold includes a 30 million kWh impact for an unbilled/line loss true-up. Line loss % purchases is 2.6% excluding the true-up

* 2018 reflects the impact of a reduction in line loss % from 2.6% to 2.5% based on a system-wide line loss analysis

Source of Data & Computations

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

Dakota Electric Association
DSM/Conservation Tracker Account
Year Ended December 31, 2018

Schedule E

Page 1 of 2

| A | B | C | D | E | F | G |
|--------------|--|-----------------------------|------------------------------------|------------------------------------|---|---------------------------|
| | Conservation Account # 16120 Month Balance | Carrying Cost @ 6.52% | Resource Adjustment Recovery | Additions to Tracker Account | Conservation Expenses Expenses Incurred | Recovery in Base Rates |
| Dec-17 | 959,146 | | | | | |
| Jan-18 | 901,002 | 5,211 | (81,176) | 17,822 | 212,644 | (194,822) |
| Feb-18 | 776,500 | 4,895 | (72,865) | (56,532) | 118,344 | (174,876) |
| Mar-18 | 712,357 | 4,219 | (65,741) | (2,620) | 155,159 | (157,779) |
| Apr-18 | 610,062 | 3,870 | (69,393) | (36,772) | 129,771 | (166,543) |
| May-18 | 552,507 | 3,315 | (68,066) | 7,196 | 170,554 | (163,358) |
| Jun-18 | 448,799 | 3,002 | (83,516) | (23,195) | 177,243 | (200,438) |
| Jul-18 | 253,389 | 2,438 | (94,509) | (103,339) | 123,482 | (226,821) |
| Aug-18 | 113,724 | 1,377 | (95,925) | (45,117) | 185,104 | (230,221) |
| Sep-18 | 56,045 | 618 | (86,005) | 27,709 | 234,122 | (206,413) |
| Oct-18 | 13,847 | 305 | (70,698) | 28,195 | 197,871 | (169,676) |
| Nov-18 | 161,724 | 75 | (66,624) | 214,426 | 374,323 | (159,897) |
| Dec-18 | 247,243 | 879 | (71,714) | 156,354 | 328,467 | (172,113) |
| Annual Total | | 30,204 | (926,232) | 184,126 | 2,407,082 | (2,222,956) |

(= F + G)

Dakota Electric Association
DSM/Conservation Tracker Account
Year Ended December 31, 2019

Schedule E

Page 2 of 2

| A | B | C | D | E | F | G |
|-------------------------------|--|-----------------------------|------------------------------------|------------------------------------|---|---------------------------|
| | Conservation Account # 16120 Month Balance | Carrying Cost @ 6.52% | Resource Adjustment Recovery | Additions to Tracker Account | Conservation Expenses Expenses Incurred | Recovery in Base Rates |
| Dec-18 | 247,243 | | | | | |
| Jan-19 | 156,389 | 1,343 | (15,526) | (76,671) | 109,646 | (186,317) |
| Feb-19 | 79,630 | 850 | (15,984) | (61,626) | 130,182 | (191,807) |
| Mar-19 | 22,482 | 433 | (14,313) | (43,268) | 128,482 | (171,750) |
| Apr-19 | (25,236) | 122 | (12,331) | (35,509) | 112,460 | (147,970) |
| May-19 | (16,217) | (137) | (12,447) | 21,603 | 170,971 | (149,368) |
| Jun-19 | (45,382) | (88) | (14,767) | (14,310) | 162,893 | (177,203) |
| Jul-19 | (152,832) | (247) | (17,489) | (89,714) | 120,160 | (209,873) |
| Aug-19 | (204,086) | (830) | (18,639) | (31,786) | 191,882 | (223,667) |
| Sep-19 | (198,871) | (1,109) | (16,089) | 22,413 | 215,479 | (193,067) |
| Oct-19 | (194,358) | (1,081) | (13,723) | 19,317 | 183,990 | (164,673) |
| Nov-19 | (13,604) | (1,056) | (13,047) | 194,857 | 351,418 | (156,561) |
| Est. Dec-19 | 155,320 | (74) | (14,224) | 183,222 | 353,913 | (170,691) |
| Subtotal excl AGi LCRs | | (1,874) | (178,579) | 88,529 | 2,231,476 | (2,142,947) |
| AGi-LCRs | 384,431 | 844 | - | 228,267 | 228,267 | - |
| Annual Total | | (1,030) | (178,579) | 316,797 | 2,459,744 | (2,142,947) |
| (= F + G) | | | | | | |

DAKOTA ELECTRIC ASSOCIATION
Conservation Projects
Eligible for Tracker Account Cost Recovery

Schedule E-1
Page 1 of 4

| | | 2018 | | | | | | | | | | | | |
|------------|--|---------|--------|----------|--------|--------|--------|---------|--------|---------|---------|--------|---------|--------|
| | | Total | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 |
| ACTUNEUP | Air Conditioning Tune-Up | 3,129 | 198 | (71) | 39 | 128 | 1,357 | (317) | 245 | 216 | 191 | 497 | 198 | 448 |
| AUDC | Energy Audits - Commercial | 5,642 | 544 | 282 | 681 | 416 | 1,059 | 790 | 336 | 753 | 368 | 38 | 77 | 296 |
| AUDLOW | Low Income Audit Program | 6,677 | - | - | - | 87 | 58 | (0) | - | - | - | - | - | 6,533 |
| AUDR | Energy Audits - Residential | 19,892 | 775 | 2,043 | 2,327 | 1,471 | 1,608 | 1,982 | 293 | 1,189 | 2,635 | 2,675 | 1,226 | 1,667 |
| CACCI | Cycled Air - C&I | 5,305 | - | 657 | 158 | 275 | 771 | 106 | 59 | 150 | 1,216 | 1,636 | 99 | 178 |
| CACRES | Cycled Air - Residential | 122,293 | 1,931 | (342) | 1,438 | 1,101 | 5,980 | 45,009 | 17,781 | 11,166 | 19,458 | 6,703 | 6,355 | 5,713 |
| CFLRES | Compact Fluorescent Lighting | 39 | 44 | (5) | - | - | - | - | - | - | - | - | - | - |
| CIGRANT | Energy Grant | 396,973 | 27,499 | 23,454 | 19,744 | 15,862 | 17,820 | 17,392 | 9,504 | 7,778 | 16,294 | 27,146 | 167,899 | 46,583 |
| CIGROUP | C&I Energy Group | 14,434 | 151 | 1,381 | 3,025 | 1,097 | 986 | 121 | - | 1,053 | 1,464 | 1,570 | 3,515 | 72 |
| CIPGOALS | CIP Goals | 103,497 | 10,244 | 8,829 | 8,018 | 8,096 | 9,410 | 7,876 | 8,645 | 7,593 | 7,680 | 7,945 | 10,872 | 8,289 |
| CIPDIGITAL | Digital Advertising-Energy Eff/Conserv | 35,842 | 5,800 | 816 | 3,325 | 3,201 | 3,348 | 3,249 | 3,238 | (2,513) | 3,100 | 3,504 | 5,136 | 3,639 |
| CIPNEWS | Newspaper Advert-Energy Effic/Conserv | 10,009 | 1,000 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1 | - | 1,000 | 1,001 | 1,001 | 1,002 |
| CIRC | Circuits - DSM | 116,758 | 5,530 | 14,575 | 9,487 | 10,113 | 9,699 | 9,872 | 9,581 | 9,450 | 9,453 | 9,422 | 9,353 | 10,222 |
| DEHUMID | Dehumidifier Rebate | 2,198 | 444 | (311) | - | 20 | 95 | (75) | 592 | 49 | - | 160 | 615 | 610 |
| E3TRAIN | Energy Efficiency Training & Education | 11,656 | 68 | 801 | 2,160 | 3,436 | 2,100 | 281 | 62 | - | 766 | 11 | 200 | 1,771 |
| ECMMOTOR | Electron-Commutated Motor(ECM)Rebate | 26,524 | 26,249 | (24,863) | 589 | 1,560 | 2,933 | (1,912) | 4,238 | (3,081) | 1,550 | 9,049 | 8,635 | 1,576 |
| EDUD | Education & Training - DSM | 1,621 | - | - | - | - | - | - | - | - | - | 1,293 | 328 | - |
| EIL | Energy Intelligent Lifestyle | 100,167 | 19,402 | 59,078 | 2,806 | 2,841 | 3,042 | 2,076 | 1,250 | 2,656 | 2,129 | 2,058 | 1,726 | 1,104 |
| EILPROD | Energy Intelligent Lifestyle-Products | 37,262 | 3,602 | 3,884 | 4,156 | 3,339 | 4,430 | 3,552 | 2,941 | 2,201 | 2,543 | 2,102 | 1,653 | 2,858 |
| ELECCAR | Electric Car | 71,759 | 7,583 | (1,059) | 4,258 | 4,631 | 15,377 | (5,104) | 2,592 | 3,844 | 9,092 | 17,177 | 8,524 | 4,844 |
| ELECHEAT | Electric Heat | 14,251 | 3,079 | 3,287 | 1,619 | 1,023 | 361 | 1,020 | (598) | 1,272 | 1,552 | 645 | (33) | 1,026 |
| ESDRYER | Energy Star Clothes Dryer | 1,065 | 2,289 | (2,152) | 75 | 85 | 225 | (225) | - | - | - | 125 | 202 | 441 |
| FAIRSHOW | Fairs & Shows | 20,355 | - | 310 | 870 | 717 | 1,649 | 151 | 6,481 | 9,807 | 330 | - | 40 | - |
| FRECYCLE | Fluorescent Lamp Recycling | 15,884 | - | - | - | - | - | - | - | - | - | - | - | 15,884 |
| FREEZER | Energy Star Freezer | 467 | - | 49 | - | 20 | 225 | (225) | 88 | - | - | 150 | 10 | 150 |
| GENMT | Generator Maint & Testing | 54,072 | 881 | 2,816 | 8,009 | 24,452 | 4,047 | 5,359 | 3,216 | 536 | 1,284 | 2,217 | 1,025 | 230 |
| GPUMPRES | Geothermal Heat Pumps-Residential | 1,008 | 2,400 | (2,190) | 757 | - | - | 41 | - | - | - | - | - | - |
| HIEFF | High Efficiency A/C Rebates | 291,401 | 13,406 | (431) | 1,130 | 1,123 | 3,236 | 17,433 | 14,610 | 76,892 | 77,910 | 37,671 | 46,091 | 2,331 |
| HPUMP | Heat Pumps - Residential | 26,715 | 1,321 | (135) | 681 | 1,323 | 9,963 | (5,813) | 2,220 | 1,619 | 5,134 | 6,309 | 1,435 | 2,659 |
| HPWH | Heat Pump Water Heater | 1,000 | - | - | - | - | 500 | - | - | - | - | 500 | - | - |
| INCELIGIBL | Income Eligible Non Cap Projects | 74,241 | 454 | 45 | 106 | - | - | - | - | 6,285 | (6,285) | 631 | 51,729 | 21,276 |
| IRRIG | Interruptible Irrigation | 22,958 | 187 | 122 | 1,261 | 385 | 9,651 | 1,779 | 1,983 | 1,213 | 1,926 | 1,431 | 2,391 | 629 |
| LEDLIGHTS | LED - Lights | 35,822 | 6,129 | 3,265 | 3,167 | 3,480 | 3,677 | (1,442) | 2,716 | (0) | 795 | 8,027 | 4,676 | 1,330 |
| LEDXMAS | LED - Holiday Lights | 100 | 462 | (364) | - | - | - | - | - | - | - | - | 2 | - |
| LEDYARD | LED Yard Light | 29 | - | 29 | - | - | - | - | - | - | - | - | - | - |
| LIACMAINT | Low Income A/C Tune-up | 7,267 | - | - | - | - | - | - | - | - | - | - | - | 7,267 |
| LIAIRCON | Low Income Central Air Condition Replace | 14,536 | - | - | - | - | - | - | - | - | - | - | - | 14,536 |
| LICLSWSHR | Low Income Clothes Washer | 372 | - | - | - | - | - | - | - | - | - | - | - | 372 |
| LIDEHUMID | Low Income Dehumidifier Units | 1,050 | - | - | - | - | - | - | - | - | - | - | - | 1,050 |
| LIDISH | Low Income Dishwashers | 11,418 | - | - | - | - | - | - | - | - | - | - | - | 11,418 |
| LIFREEZER | Low Income Freezer | 10,256 | - | - | - | - | - | - | - | - | - | - | - | 10,256 |
| LIMICRO | Low Income Microwave Ovens | 7,326 | - | - | - | - | - | - | - | - | - | - | - | 7,326 |
| LIROOMAC | Low Income Room Air Conditioner | 936 | - | - | - | - | - | - | - | - | - | - | - | 936 |

DAKOTA ELECTRIC ASSOCIATION
Conservation Projects
Eligible for Tracker Account Cost Recovery

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| | | 2018 | | | | | | | | | | | | |
|-----------------|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | Total | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 |
| LOADCTRL | Load Control | 129,652 | 9,925 | 9,355 | 18,790 | 8,404 | 17,661 | 13,463 | 14,402 | 11,241 | 7,423 | 7,194 | 6,694 | 5,100 |
| NCEEP | New Construction Energy Eff Program | 38,742 | - | - | - | 900 | - | 5,150 | (7,408) | - | - | - | 11,000 | 29,100 |
| PEAK | Peak Alert Rate 70 | 6,245 | 1,648 | 701 | 569 | 271 | 386 | 864 | 589 | 625 | 90 | 61 | 395 | 45 |
| PLCMT & PLCMAST | Power Line Carrier DSM | 40,886 | 25,722 | 1,517 | 1,517 | 1,515 | 1,515 | 1,515 | - | 1,515 | 1,515 | 1,518 | 1,518 | 1,518 |
| POOLPUMP | Pool Pump Variable Speed Motor | 1,449 | - | 10 | - | - | 400 | (400) | - | 29 | 10 | 1,400 | - | - |
| REFRIGLOW | Low Income Refrigerator Replacements | 28,675 | - | - | - | - | - | - | - | - | - | - | - | 28,675 |
| REGD | Regulatory - DSM | 135,035 | 66 | 155 | 34,879 | 82 | 339 | 34,015 | - | - | 32,781 | - | - | 32,717 |
| RENEW | Optional Renewable Energy | 2,086 | 1,000 | - | - | - | - | - | - | 1,086 | - | - | - | - |
| RFGRCYC | Refrigerator Recycling | 16,150 | 4,146 | (3,214) | 222 | 608 | 2,378 | (2,025) | 118 | - | 1,259 | 2,991 | 1,242 | 8,426 |
| ROOMSTORG | Room Storage Electric Heat | 1,549 | 3,816 | (3,656) | - | - | - | - | - | - | 186 | - | - | 1,203 |
| SOLAR | Solar Electric General Activity & Education | 93,977 | 2,737 | 5,116 | 6,418 | 9,969 | 9,914 | 11,499 | 8,435 | 12,838 | 9,737 | 6,932 | 7,501 | 2,883 |
| WARFZ | Working Appliance Recycling Freezer | 936 | 584 | (486) | - | 20 | 170 | (140) | - | - | - | 150 | - | 639 |
| WARRF | Working Appliance Recycling Refrigerator | 4,699 | 2,802 | (2,566) | 20 | 49 | 825 | (796) | - | 50 | 324 | 1,650 | 395 | 1,947 |
| WTRHTR | Water Heaters | 90,130 | 8,676 | 6,759 | 2,005 | 6,822 | 12,508 | 270 | 5,422 | 7,745 | 9,360 | 14,432 | 6,290 | 9,842 |
| | Depreciation Expense DSM-Distrib | 110,555 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 4,135 | 9,675 |
| | Depreciation Expense DSM-General | 2,106 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 |
| | Total | 2,407,082 | 212,644 | 118,344 | 155,159 | 129,771 | 170,554 | 177,243 | 123,482 | 185,104 | 234,122 | 197,871 | 374,323 | 328,467 |

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

DAKOTA ELECTRIC ASSOCIATION
Conservation Projects
Eligible for Tracker Account Cost Recovery

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| | | 2019 | | | | | | | | | | | | |
|-------------------|---|---------|---------|--------|--------|--------|---------|--------|----------|---------|--------|---------|---------|------------|
| | | Total | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Est Dec-19 |
| ACTUNEUP | Air Conditioning Tune-Up | 3,091 | 75 | 50 | 20 | 50 | 302 | 382 | 402 | 607 | 330 | 601 | 197 | 75 |
| AUDC | Energy Audits - Commercial | 2,288 | 154 | 221 | 394 | 111 | 254 | 205 | - | 356 | 370 | 32 | 192 | - |
| AUDLOW | Low Income Audit Program | 6,264 | - | - | - | 9 | - | - | - | - | - | - | - | 6,255 |
| AUDR | Energy Audits - Residential | 30,096 | 1,103 | 2,748 | 3,847 | 3,067 | 1,924 | 2,337 | 2,222 | 1,868 | 4,037 | 2,893 | 1,737 | 2,314 |
| CACCI | Cycled Air - C&I | 315 | - | - | 111 | - | - | 102 | - | - | 102 | - | - | - |
| CACRES | Cycled Air - Residential | 23,286 | (5,594) | (86) | 493 | (670) | (1,563) | 6,645 | 7,937 | 4,565 | 5,180 | 3,102 | 1,751 | 1,525 |
| CEEHES | CEE Home Energy Squad | 25,369 | - | 122 | - | 2,256 | (1,332) | - | 9,967 | (9,718) | - | 9,533 | - | 14,540 |
| CEEMFDI | CEE Multi Family Direct Install | 25,027 | 30 | 59 | 33 | 13 | - | - | - | - | - | 6,350 | 18,542 | - |
| CIGRANT | Energy Grant | 349,475 | 16,423 | 18,784 | 16,375 | 9,057 | 35,157 | 7,945 | 7,289 | 7,783 | 26,231 | 23,130 | 181,301 | - |
| CIGROUP | C&I Energy Group | 5,060 | 252 | 282 | 628 | 1,322 | 229 | 198 | 177 | 191 | 183 | 1,150 | 366 | 82 |
| CIPDIGITAL | Digital Advertising-Energy Efficiency/Conserv | 38,052 | 210 | - | - | 4,410 | 4,335 | 2,005 | 7,347 | 3,735 | 3,315 | 4,698 | 4,338 | 3,660 |
| CIPGOALS | CIP Goals | 104,443 | 9,446 | 9,100 | 8,149 | 7,686 | 10,598 | 9,100 | 8,869 | 3,927 | 5,727 | 10,079 | 9,725 | 12,038 |
| CIPNEWS | Newspaper Advert-Energy Effic/Conserv | 9,838 | - | - | 1,001 | 2,002 | 1,001 | 2,056 | (54) | (0) | 1,000 | 867 | 866 | 1,100 |
| CIRC | Circuits - DSM | 128,283 | 10,209 | 10,419 | 5,420 | 15,759 | 10,833 | 11,183 | 11,007 | 10,599 | 10,199 | 11,054 | 10,898 | 10,703 |
| DEHUMID | Dehumidifier Rebate | 5,570 | - | - | 135 | 20 | - | 60 | 657 | 25 | 380 | 4,268 | 25 | - |
| E3TRAIN | Energy Efficiency Training & Education | 8,067 | 444 | 492 | 1,153 | 2,326 | 560 | 459 | 239 | - | 481 | 1,180 | 284 | 450 |
| ECMMOTOR | Electron-Commutated Motor(ECM)Rebate | 36,535 | 2,666 | 1,106 | 2,808 | 1,608 | 734 | - | 211 | 270 | 1,439 | 16,851 | 5,143 | 3,700 |
| EIL | Energy Intelligent Lifestyle | 24,673 | 1,278 | 2,092 | 2,199 | 2,798 | 2,361 | 1,101 | 1,209 | 1,351 | 2,409 | 3,016 | 2,219 | 2,639 |
| EILPROD | Energy Intelligent Lifestyle-Products | 34,958 | 3,558 | 3,181 | 3,450 | 2,931 | 4,275 | 3,977 | 3,197 | 1,686 | 2,576 | 1,664 | 2,231 | 2,231 |
| ELECCAR | Electric Car | 73,102 | 3,290 | 5,392 | 3,968 | 4,374 | 5,214 | 5,585 | 141 | 2,671 | 4,139 | 13,814 | 13,257 | 11,258 |
| ELECHEAT | Electric Heat | 8,710 | 448 | 3,175 | 2,193 | 517 | (703) | 606 | 7 | 16 | 526 | 370 | (316) | 1,872 |
| ESDRYER | Energy Star Clothes Dryer | 2,083 | - | - | 235 | 10 | - | 60 | - | - | 60 | 459 | 1,133 | 125 |
| EVREADYDEV | EV-Ready Development | 1,000 | - | - | - | - | - | - | 500 | - | - | - | - | 500 |
| EWEXPO | Energy Wise Expo | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FAIRSHOW | Fairs & Shows | 23,237 | - | 74 | 1,138 | 1,225 | 9,576 | - | 86 | 10,447 | 424 | - | 268 | - |
| FRECYCLE | Fluorescent Lamp Recycling | 15,449 | - | - | 10 | - | - | - | - | - | - | - | - | 15,438 |
| FREEZER | Energy Star Freezer | 3,435 | - | - | - | - | - | - | - | 1,425 | - | - | 2,010 | - |
| GENMT | Generator Maint & Testing | 24,259 | 1,884 | 992 | 19 | 235 | 2,468 | 79 | 1,191 | 9,621 | 4,922 | 31 | 196 | 2,620 |
| GPUMP | Geothermal Heat Pumps | 157 | - | - | - | 10 | - | - | - | - | - | 120 | 13 | 13 |
| GPUMPRES | Geothermal Heat Pumps-Residential | 8,988 | (200) | 271 | 117 | - | - | - | - | 1,600 | - | - | 5,600 | 1,600 |
| HIEFF | High Efficiency A/C Rebates | 356,344 | 13,124 | 24,230 | 2,518 | 9,249 | 30,176 | 18,142 | 32,649 | 87,921 | 9,948 | 27,544 | 25,464 | 75,380 |
| HPUMP | Heat Pumps - Residential | 26,301 | 177 | 1,222 | 526 | 1,517 | 1,090 | 2,539 | 403 | 2,104 | 2,128 | 5,660 | 6,006 | 2,930 |
| HPWH | Heat Pump Water Heater | 2,510 | - | - | - | (490) | - | - | - | - | - | 500 | 2,500 | - |
| INCELGIBL | Income Eligible Non Cap Projects | 65,125 | - | - | - | - | - | - | - | - | 49,500 | - | - | 15,625 |
| IRRIG | Interruptible Irrigation | 20,675 | - | - | 1,511 | 932 | 10,984 | 1,885 | 585 | 1,255 | 364 | 829 | 783 | 1,548 |
| LEDLIGHTS | LED - Lights | 17,881 | 1,977 | 3,777 | 2,859 | 3,288 | 1,042 | 201 | 70 | 432 | - | 3,189 | 940 | 106 |
| LEDYARD | LED Yard Light | 30 | - | - | - | - | - | - | - | - | - | - | 30 | - |
| LIACMAINT | Low Income A/C Tune-up | 9,248 | - | - | - | - | - | - | - | - | - | - | - | 9,248 |
| LIAIRCON | Low Income Central Air Condition Replace | 3,069 | - | - | - | - | - | - | - | - | - | - | - | 3,069 |
| LIASHP | Low Income Heat Pump Installation | 13,142 | - | - | - | - | - | - | - | - | - | - | - | 13,142 |
| LICLSWSHR | Low Income Clothes Washer | 14,600 | - | - | - | - | - | - | - | - | - | - | - | 14,600 |
| LIDEHUMID | Low Income Dehumidifier Units | 1,002 | - | - | - | - | - | - | - | - | - | - | - | 1,002 |
| LIDISH | Low Income Dishwashers | 14,881 | - | - | - | - | - | - | - | - | - | - | - | 14,881 |
| LIFREEZER | Low Income Freezer | 7,560 | - | - | - | - | - | - | - | - | - | - | - | 7,560 |
| LIMICRO | Low Income Microwave Ovens | 6,400 | - | - | - | - | - | - | - | - | - | - | - | 6,400 |
| LIROOMAC | Low Income Room Air Conditioner | 2,690 | - | - | - | - | - | - | - | - | - | - | - | 2,690 |
| LIWTRHTR | Low Income Water Heater | 2,342 | - | - | - | - | - | - | - | - | - | 1,710 | - | 632 |
| LOADCTRL | Load Control | 104,266 | 4,745 | 17,429 | 8,430 | 9,404 | 9,577 | 7,939 | 8,577 | 9,255 | 6,821 | 9,074 | 6,437 | 6,579 |
| NCEEP | New Construction Energy Efficiency Program | 11,721 | (1,000) | - | - | - | 420 | 13,158 | (12,231) | - | 9,550 | (9,376) | - | 11,200 |
| PEAK | Peak Alert Rate 70 | 4,655 | 104 | 176 | 716 | 209 | 962 | 209 | 523 | 893 | 51 | 71 | 196 | 545 |
| PLCMT & PLCMASTER | | | | | | | | | | | | | | |
| | Power Line Carrier DSM | 41,687 | 26,449 | 1,518 | 1,518 | 1,517 | 1,517 | 1,517 | 1,548 | 1,526 | 1,526 | 1,527 | 1,527 | - |
| POOLPUMP | Pool Pump Variable Speed Motor | 4,025 | - | - | - | - | 134 | - | 67 | 157 | 67 | 400 | 3,200 | - |

DAKOTA ELECTRIC ASSOCIATION
Conservation Projects
Eligible for Tracker Account Cost Recovery

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| | | 2019 | | | | | | | | | | | | |
|-----------|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|
| | | Total | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Est Dec-19 |
| REFRIGLOW | Low Income Refrigerator Replacements | 17,100 | - | - | - | - | - | - | - | - | - | - | - | 17,100 |
| REGD | Regulatory - DSM | 131,278 | 30 | 45 | 32,642 | - | - | 32,642 | - | - | 31,217 | - | - | 34,702 |
| RENEW | Optional Renewable Energy | 2,329 | - | - | - | 1,167 | - | - | - | 1,162 | - | - | - | - |
| RFGRCYC | Refrigerator Recycling | 21,673 | 322 | 653 | 2,805 | 302 | 40 | 281 | 80 | 3,000 | 643 | 761 | 12,710 | 75 |
| SOLAR | Solar Electric General Activity & Education | 99,926 | 3,530 | 5,335 | 3,063 | 8,954 | 10,052 | 11,818 | 10,970 | 13,897 | 12,537 | 9,272 | 7,721 | 2,777 |
| WARFZ | Working Appliance Recycling Freezer | 1,595 | - | - | 20 | 20 | - | 20 | 10 | 525 | 159 | 5 | 85 | 750 |
| WARRF | Working Appliance Recycling Refrigerator | 7,717 | - | - | 320 | 20 | 60 | 20 | 10 | 2,925 | 171 | 439 | 1,576 | 2,175 |
| WTRHTR | Water Heaters | 75,569 | 4,665 | 7,474 | 7,809 | 5,396 | 8,845 | 8,588 | 4,446 | 3,954 | 6,920 | 7,273 | 5,767 | 4,432 |
| | Depreciation Expense DSM-Distrib | 120,919 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 9,675 | 14,322 | 9,851 |
| | Depreciation Expense DSM-General | 2,107 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 | 176 |
| | Total | 2,231,476 | 109,646 | 130,182 | 128,482 | 112,460 | 170,971 | 162,893 | 120,160 | 191,882 | 215,479 | 183,990 | 351,418 | 353,913 |

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

Dakota Electric Association
DSM / Resource Adjustment Recovery Factors

| Month | Billed kWh Sales w/o DEA Use | Base Rate Recovery Factor | Base Rate Recovery | Resource Adjustment Recovery Factor | Resource Adjustment Recovery |
|-------------|------------------------------------|---------------------------------|-----------------------|--|------------------------------------|
| Jan-18 | 162,351,533 | 0.0012 | 194,822 | 0.0005 | 81,176 |
| Feb-18 | 145,730,260 | 0.0012 | 174,876 | 0.0005 | 72,865 |
| Mar-18 | 131,482,708 | 0.0012 | 157,779 | 0.0005 | 65,741 |
| Apr-18 | 138,785,897 | 0.0012 | 166,543 | 0.0005 | 69,393 |
| May-18 | 136,131,989 | 0.0012 | 163,358 | 0.0005 | 68,066 |
| Jun-18 | 167,031,256 | 0.0012 | 200,438 | 0.0005 | 83,516 |
| Jul-18 | 189,017,460 | 0.0012 | 226,821 | 0.0005 | 94,509 |
| Aug-18 | 191,850,443 | 0.0012 | 230,221 | 0.0005 | 95,925 |
| Sep-18 | 172,010,720 | 0.0012 | 206,413 | 0.0005 | 86,005 |
| Oct-18 | 141,396,433 | 0.0012 | 169,676 | 0.0005 | 70,698 |
| Nov-18 | 133,247,820 | 0.0012 | 159,897 | 0.0005 | 66,624 |
| Dec-18 | 143,427,228 | 0.0012 | 172,113 | 0.0005 | 71,714 |
| | 1,852,463,747 | | 2,222,956 | | 926,232 |
| Jan-19 | 155,264,234 | 0.0012 | 186,317 | 0.0001 | 15,526 |
| Feb-19 | 159,839,417 | 0.0012 | 191,807 | 0.0001 | 15,984 |
| Mar-19 | 143,125,008 | 0.0012 | 171,750 | 0.0001 | 14,313 |
| Apr-19 | 123,307,960 | 0.0012 | 147,970 | 0.0001 | 12,331 |
| May-19 | 124,472,970 | 0.0012 | 149,368 | 0.0001 | 12,447 |
| Jun-19 | 147,668,985 | 0.0012 | 177,203 | 0.0001 | 14,767 |
| Jul-19 | 174,894,474 | 0.0012 | 209,873 | 0.0001 | 17,489 |
| Aug-19 | 186,389,553 | 0.0012 | 223,667 | 0.0001 | 18,639 |
| Sep-19 | 160,888,807 | 0.0012 | 193,067 | 0.0001 | 16,089 |
| Oct-19 | 137,227,381 | 0.0012 | 164,673 | 0.0001 | 13,723 |
| Nov-19 | 130,467,418 | 0.0012 | 156,561 | 0.0001 | 13,047 |
| Est. Dec-19 | 142,242,725 | 0.0012 | 170,691 | 0.0001 | 14,224 |
| | 1,785,788,932 | | 2,142,947 | | 178,579 |

Rate Recovery for AGI - Load Control Receivers

| | | <u>2020</u> |
|---|-------------|----------------|
| Capitalized Costs - Added to Rate Base | | \$ 3,124,398 |
| Rate of Return Recovery | 6.47%/5.68% | \$ 104,058 |
| Income Taxes | N/A | \$ - |
| Incremental Property Taxes | | \$ - |
| Incremental Depreciation | | \$ 124,209 |
| | | \$ 228,267 |
| Total to Add to CIP | | \$ 228,267 |

Notes*Cumulative**Jan20-Sep20 Rate from 2014 Rate Case (Docket No. E111/GR-14-482).**Starting Oct-20, Rate from 2019 Rate Case (Docket No. E-111/GR-19-478).**Captured in RTA property tax filing
15 year life***Details for Recovery of Load Control Receiver Depreciation**

| | | <u>2020</u> |
|---------------------------------|--|--------------|
| Load Control Devices - Quantity | | 14,220 |
| Total Capital Cost - LCRs | | \$ 3,124,398 |
| Life in years | | 15 |
| Annual Depreciation | | \$ 124,209 |
| Cumulative Depreciation | | \$ 124,209 |

Based on monthly detail

Dakota Electric Association
Energy Conservation Spending
Year Ended December 31, 2019

| Program Name | 2019 DEA+GRE Spending |
|---|-----------------------------|
| <u>Residential</u> | |
| Air Conditioning Tune-Up | 7,516 |
| Air Source Heat Pump (ASHP) Residential | 127,431 |
| LED - Lights | 33,871 |
| Energy Star Central Air Conditioner Rebate | 389,044 |
| Energy Star Clothes Dryer | 4,983 |
| Energy Star Freezer | 6,360 |
| Refrigerator with Recycling | 57,823 |
| Working Appliance Recycling Freezer | 4,595 |
| Working Appliance Recycling Refrigerator | 15,592 |
| Residential Ground Source Heat Pump (GSHP) | 21,788 |
| Interruptible Air Conditioning - Residential | 49,286 |
| Off-Peak Water Heating-ETS & PSWH | 88,669 |
| Off-Peak Space Heating-Dual Fuel | 8,710 |
| Low Income Refrigerator Replacements | 17,100 |
| Low Income Clothes Washer | 14,600 |
| Low Income Dehumidifier Units | 1,002 |
| Low Income Dishwashers | 14,881 |
| Low Income Microwave Ovens | 6,400 |
| Low Income Room Air Conditioning | 2,690 |
| Low Income Freezer | 7,560 |
| Low Income Water Heater | 2,342 |
| Energy Intelligent Lifestyle - Energy Education | 24,673 |
| Energy Efficiency Training & Education | 8,067 |
| Electron-Commutated Motor | 83,235 |
| Electrical Evaluation & Consultation | 30,096 |
| Low Income Audit | 6,264 |
| Fluorescent Bulb Recycling Program | 15,449 |
| Income Eligible Project | 68,425 |
| <i>Residential Subtotal</i> | <i>1,118,451</i> |
| <u>Commercial</u> | |
| C&I-A Energy Grant Program | 1,129,226 |
| C&I Electrical Eval & Consultation | 2,288 |
| Interruptible Air Conditioning - C&I | 315 |
| <i>Commercial Subtotal</i> | <i>1,131,829</i> |

Total Energy Conservation Spending **\$ 2,250,280**

Statutory Spending Requirement* **\$ 3,047,080**

Percent of Requirement Devoted to Energy Conservation** **74%**

*Statutory Spending Requirement equals 1.5% of 2018 Revenues.

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

Appendix

Wholesale Power Rates from Power Supplier

TRADE SECRET INFORMATION

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