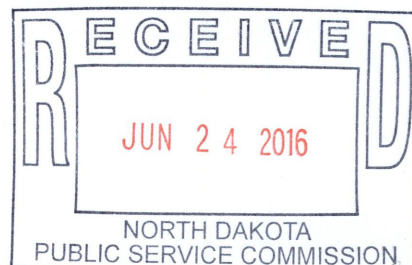




June 23, 2016

Secretary to the Commission
North Dakota Public Service Commission
State Capitol Building
Bismarck, North Dakota 58505



Dear Sir:

In accordance with Section 49-22-04 of the North Dakota Century Code, Minnkota Power Cooperative herewith files the enclosed Ten-Year Plan with the North Dakota Public Service Commission.

Any questions concerning the contents of the enclosed document should be directed to me.

Sincerely,

MINNKOTA POWER COOPERATIVE, INC.

Jamie Overgaard
Rates, Load and Planning Manager

Enclosure

TEN-YEAR PLAN



Your Touchstone Energy® Partner 

Grand Forks, North Dakota

Prepared for the North Dakota Public Service Commission
Pursuant to Section 49-22-04 of the
North Dakota Century Code

MPC
RATES, LOAD AND PLANNING DEPARTMENT

July 2016

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MINNKOTA POWER COOPERATIVE, INC.

TEN-YEAR PLAN

INTRODUCTION

Minnkota Power Cooperative, Inc. (Minnkota) was organized on March 28, 1940 and incorporated under the laws of the State of Minnesota. It is the wholesale electric power supplier for 11 rural electric cooperatives located in the eastern one-third of North Dakota and the northwestern part of Minnesota. Minnkota serves approximately 135,000 end-use meters in a 34,500 square mile service area that includes 33 counties in the Red River Valley and adjoining areas.

Minnkota operates the Milton R. Young 1 plant, a 250,000 kW lignite-fired steam generator located near Center, North Dakota. Minnkota owns or leases another 21,180 kW of smaller diesel units located throughout its service area. It also has an 84,300 kW contract for firm power with the Western Area Power Administration. Minnkota also receives 128,100 kW from the Coyote plant and 355,000 kW from Square Butte Electric Cooperative's Milton R. Young 2 plant.

Minnkota owns two 900 kW wind turbines, one located near Valley City and one located near Petersburg, North Dakota.

On December 31, 2009 Square Butte Electric Cooperative sold its 463 mile \pm 250 kilovolt D.C. transmission line to Minnesota Power. As part of the sale of the D.C. line, Minnkota began receiving an increasing allocation of Young 2 electrical output beginning in mid-2014 when a new 345 kV transmission line from Center to Grand Forks was completed. Minnkota's allocation will increase, in varying increments, until 2026, at which point Minnkota will receive 100 percent of the electrical energy produced by Young 2.

Minnkota has 25-year Power Purchase Agreements for 139,500 kW from wind projects located near Langdon, ND and for 217,500 kW from wind projects located near Pillsbury, ND.

*Minnkota is currently working on a 25-year Power Purchase Agreement for 99,250 kW from a wind project located west of Center, ND. This project called Oliver Wind III is tentatively scheduled to be in-service January 1, 2017.

Minnkota is the operating agent for the Northern Municipal Power Agency (NMPA), which consists of 12 municipals, 10 located in northwestern Minnesota and 2 located in eastern North Dakota.

SECTION A: Existing Energy Conversion Facilities

1. See Exhibit I

OTP will be responsible for Form EIA-923 for the Coyote facilities.

SECTION B: Energy Conversion Facilities Under Construction

None

SECTION C: Proposed Energy Conversion Facilities on Which Construction is Intended Within The Ensuing Five Years

None

SECTION D: Proposed Energy Conversion Facilities During the Next Ten-Year Time Period
None

SECTION E: Existing Transmission Facilities (Electric)

Minnkota's North Dakota Transmission Facilities¹ are listed in the table below. See Exhibit III for a map of Minnkota's transmission facilities.

Minnkota does not have plans to retire any transmission facilities in the ensuing ten years.

Transmission Line	Voltage (kV)	AC/DC	In Service Dates	Notes
Wahpeton - Frontier - Maple River	230	AC	1968	Tapped by Frontier Substation in 2007
Maple River - Winger	230	AC	1970	6.3 mi. in ND, rest in MN
Prairie - Winger	230	AC	1970	9.2 mi. in ND, rest in MN
Prairie - Drayton	230	AC	1970	
Center 230 - Square Butte	230	AC	1971	
Center 230 - Mandan	230	AC	1971	
Center - Fried (Jamestown)	345	AC	1981	Center-Maple River line originally completed in 1970 at 230 kV. Upgraded to 345 kV in 1981.
Fried (Jamestown) - Buffalo	345	AC	1981	
Buffalo - Bison - Maple River	345	AC	1981	Tapped by Bison Substation in 2014
Pillsbury - Maple River	230	AC	2008	
Center - Prairie (CGF)	345	AC	2014	

¹ See definition of Transmission Facility in North Dakota Century Code 49-22.

SECTION F: Existing Transmission Facilities (Pipeline)

None

SECTION G: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years

Minnkota is constructing the Roughrider Substation, a 230 kV substation that taps the Center – Mandan 230 kV line. This will serve as the point of interconnection for Oliver Wind III, a 99,250 kW wind farm. Minnkota has executed a PPA, subject to contractual contingencies, for 100% of the energy and capacity of Oliver Wind III. To accommodate the wind farm, various structures on the Roughrider – Mandan 230 kV line will also be raised. The wind farm and associated transmission facilities are expected to be in service in 2016.

Minnkota does not have any other defined plans for construction of 230 kV transmissions in North Dakota. However, a number of plans are in development for improvement of Minnkota's 69 and 115 kV transmission which will benefit the cost and/or reliability of service to North Dakota customers. The most significant of those plans involves construction of a new 115 kV transmission line between the Hensel and Drayton substations in far northeastern North Dakota in 2020. Minnkota is also in the process of converting a 69 kV transmission line through Fargo to double circuit 115 kV transmissions to support the Fargo area. A number of other ideas are being evaluated to meet various needs such as aging infrastructure, blink mitigation, long term outage risk, and transmission tariff costs. Some of those alternatives include tapping the 230+ kV system to provide new sources to lower voltage transmission.

SECTION H: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years (Pipeline)

None

SECTION I: Proposed Transmission Facilities during the Next Ten-Year Time Period (Electric and Pipeline)

Minnkota does not have additional plans for proposed Transmission Facilities beyond the next five years.

SECTION J: Regional coordination

Minnkota participates heavily in a variety of regional transmission planning and operating coordination groups and organizations. Descriptions of some of Minnkota's primary coordination venues are listed below.

- Midcontinent Independent System Operator (MISO): In 2015, Minnkota signed multiple agreements with MISO under which MISO now provides various planning coordination, tariff administration, and operating services

to Minnkota. These agreements deepened an already healthy and mutually beneficial relationship between the parties. The services provided under these agreements replace services previously provided to Minnkota through the Midcontinent Area Power Pool, which was dissolved by its members in 2015, as well as other contractors. Minnkota also receives reliability coordination services from MISO and is a MISO market participant.

- Specific to its role as a Planning Coordinator, MISO provides an open forum for Minnkota to submit planned transmission projects through the MISO Transmission Expansion Planning (MTEP) process. The projects receive independent evaluation by MISO and are presented in Sub-regional Planning Meetings (SPM) and on MISO's website, both of which are open and available to the public. The meetings are well attended by many of Minnkota's neighboring transmission owners, as well. More information on the SPM meetings and the MTEP process can be found at www.misoenergy.org.
- Midwest Reliability Organization (MRO): Minnkota is a member of the MRO, which is a non-profit organization of regional utilities established to develop regional reliability standards and ensure compliance with standards of the North American Electric Reliability Corporation (NERC) as well as its own. Further information about MRO is available on-line at www.midwestreliability.org.
- Minnesota Transmission Assessment and Compliance Team (MNTACT): Minnkota is a member of the MNTACT team, which is comprised of electric utilities in and around the state of Minnesota. The team conducts an annual assessment of the near-term and long-term adequacy and security of the bulk electric transmission system within the geographic areas of the members and neighboring regions.
- Manitoba Hydro US Coordinating Committee (MHCC): Minnkota is a member of the MHCC, which is comprised of the owners of the Manitoba Hydro – US transmission interface. The MHCC is responsible for various tasks related to the interface including transmission studies, operating procedures, review of modifications, transfer capability determination, and protection system coordination. Minnkota also participates in various working groups which report to the MHCC.
- Minnkota Ad Hoc Coordination: Minnkota actively manages queues for customers requesting the interconnection of new large generators and for transmission service reservations over Minnkota's transmission system. All studies are distributed to and reviewed by ad hoc groups which are formed for the purpose of reviewing those studies. Those ad hoc groups include neighboring utilities and Regional Transmission Organizations (RTOs) such as MISO and Southwest Power Pool (SPP). Minnkota also participates in ad hoc review of studies performed by its neighboring transmission service providers.
- Minnesota Transmission Owners (MTO): Minnkota is a sponsoring utility for the MTO group, which is a collaborative effort between a number of

Minnesota-based utilities and three Minnesota government agencies. The group fulfills the utilities' statutory obligations for transmission planning in the state of Minnesota. These obligations include the development of the Minnesota Biennial Transmission Plan, as well as studies associated with Minnesota mandates regarding generation portfolio requirements. Further information about the MTO group is available at www.minnelectrans.com.

- Minnkota also participates actively in many committees and working groups which are hosted by MISO, SPP, MRO, the North American Transmission Forum (NATF), and others.

SECTION K: Environmental information

Minnkota is a borrower from the Rural Utilities Services of Washington, D.C. In accordance with national policy, the policies, plans, and programs of the Rural Utilities Services and its borrowers are conducted so as to meet national environmental goals in accordance with Federal and State requirements.

The Rural Utilities Services includes in its loan contracts, a provision to the effect that the borrower shall observe all applicable Federal and State requirements for the protection of the environment. Environmental Statements are required by the Rural Utilities Services in connection with all loans and other agency actions that will significantly affect the environment.

For all of Minnkota's transmission lines of 230 kV and above, knowledgeable consultants prepare an environmental analysis. This analysis is the basis for routing transmission lines in accordance with Federal and State guidelines.

These guidelines are also used in routing lower voltage transmission lines, although lower voltage lines are usually quite short and therefore, have a lesser impact on the environment. It is Minnkota's policy to route transmission lines in such a location as to cause the least amount of damage and interference to the private landowner while at the same time selecting a route that is in the best interest of the general public.

Minnkota cooperates with other area electric utilities so that its high voltage transmission lines are portions of joint projects. This significantly reduces the total number of miles of transmission line otherwise required to be constructed. In the actual route selection, attempts are made to follow the established criteria and to place the lines in such a manner as to be the least visible to the general public. This includes such things as, where feasible, avoiding heavily traveled roads, screening road crossings, and placing the line behind hills or trees. Special wildlife areas and other formally classified areas are avoided in line routing.

Minnkota cooperates with State and Federal agencies in the route selection process. These agencies review and comment on the Environment Impact Statement. Private land use and potential use is considered to either avoid irrigable areas or place the structures in such a way that they will cause the least interference to irrigation.

Transmission line structures are placed in non-tillable areas where possible and span lengths are maximized to reduce the total number of structures to cause the least interference to irrigation and other farming activities.

Environmental considerations are placed in their proper perspective along with such other vital factors such as service reliability, cost, and safety. Minnkota considers all these factors in constructing, operating, and maintaining its electric transmission system.

SECTION L: Projected demand for service

1. Minnkota's 2006 peak demand was 786,000 kW as compared to the 2016 peak demand of *869,474 kW. Minnkota has projected a 2026 peak demand of 1,067,000 kW.
2. Minnkota's generating capacity presently installed or committed plus firm contract commitments are as follows:

	<u>kW</u>
Western Area Power Administration (including reserves)	83,500
Milton R. Young 1	250,000
Milton R. Young 2 (Minnkota share)	355,000
Coyote (NMPA share)	128,100
Miscellaneous Generators	21,180
Petersburg Wind	900
Valley City Wind	900
Langdon Wind PPA	99,000
Langdon Wind II PPA	40,500
Ashtabula PPA- I	99,000
Ashtabula PPA - II	49,500
Ashtabula II PPA	69,000
**Oliver III PPA	<u>99,250</u>
	1,295,830

Minnkota has adequate generating capacity to serve its forecasted peak demands over the next 10-year time frame.

3. Minnkota's load centers are the three distribution cooperatives in eastern North Dakota and the eight distribution cooperatives in northwestern Minnesota.

Minnkota coal resources will last for at least 70 years with the present level of generation. There are no transportation problems since all the base loaded plants are mine mouth plants.

* Minnkota 2016 peak (year to date)

**New proposed Wind generation to be in service January 1, 2017

EXHIBIT I

U.S. Department of Energy Form EIA-923
(Supersedes U.S. Department of Energy Form EIA-767)
(Supersedes FERC Form 67)

Supplemental

NOTICE: This report is mandatory under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For further information concerning sanctions and data protections see the provision on sanctions and the provision concerning confidentiality of information in the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.**

SCHEDULE 1. IDENTIFICATION

Survey Contact

Contact: Kay Schraeder
 Title: Accountant
 Address: 1822 Mill Road
 City/State/Zip: Grand Forks ND 58208
 Email: kschrader@minnkota.com
 Submit Date: 12-APR-16
 Phone: (701) 795-4266
 Fax: (701) 795-4215

Supervisor of Contact Person for Survey

Contact: Craig Rustad
 Title: Accounting Manager
 Address: 1822 Mill Road
 City/State/Zip: Grand Forks ND 58208
 Email: crustad@minnkota.com
 Phone: (701) 795-4261
 Fax: (701) 795-4215

Report For

Company Name: Minnkota Power Coop. Inc
 Plant Name: Milton R Young
 Plant ID: 2823 Plant County: Oliver
 Plant Address: 3401 24th Street S.W.
 Plant City: Center Plant State: ND

Regulated: Yes No
 CHP: Yes No

CHP Efficiency: %

For contact detail go to <http://www.eia.doe.gov/loss/forms.htm#eia-923>

All items entered by Scott Hopfman

SCHEDULE 6. NONUTILITY ANNUAL SOURCE AND DISPOSITION OF ELECTRICITY

(Instructions for SCHEDULE 6 are on page 13)

SCHEDULE 6 collects calendar year data (no monthly detail).

Report all generation in megawatthours (MWh) rounded to a whole number.

(1) Gross Generation (Annual)

(2) Other Incoming Electricity

(4) Station Use

(5) Direct Use

(6) Total Facility Use (4 + 5)

(7) Retail Sales to Ultimate Customers

(8) Sales for Resale (MWh)

(9) Provided Tolling Agreement (MWh)

(10) Other Outgoing Electricity

(3) Total Sources (1 + 2)

(11) Total Disposition (6 + 7 + 8 + 9 + 10)

Total Sources must equal Total Disposition (3 = 11)

Plants that cannot separate Station Use and Direct Use may enter zero in Station Use and the sum of Station Use and Direct Use in the Direct Use field.

Types of Other Incoming Electricity
List all of the types of incoming electricity included in (2)
Other Incoming Electricity

Types of Other Outgoing Electricity
List all of the types of outgoing electricity in item (10)
Other Outgoing Electricity

SCHEDULE 7. PART A. ANNUAL REVENUES FROM SALES FOR RESALE

Complete Schedule 7, Part A, only if a positive value was entered on Schedule 6, Item (8): "Sales for Resale."

Sales for Resale are energy supplied to electric utilities, cooperatives, municipalities, federal and state electric agencies, power marketers, or other entities, for resale to end-use consumers.

Report in thousand dollars. For example \$1,987,234 should be entered as 1,987

Annual Revenues from Sales for Resale (in thousand dollars)

SCHEDULE 7. PART B. ANNUAL RETAIL SALES, REVENUES AND NUMBER OF CUSTOMERS FROM RETAIL SALES

Report by state and end-use customer sectors (Residential, Commercial, Industrial and Transportation).

Complete an individual Schedule 7, Part B, for each state where customers are located, only if a positive value was entered on Schedule 6, Item (7), "Retail Sales to Ultimate Customers."

Annual Retail Sales, Revenue, and Number of Customers:

- Retail sales are sold directly to an end-use customer (i.e., the energy is consumed by the customer, onsite, and is not resold to other customers).
- Enter annual retail sales, revenue, and number of customers for each state where customer(s) are located.
- Report Annual Retail Sales in megawathours (Mwh), by sector.
- Report Annual Revenue in thousand dollars, by sector.
- Report Number of Customers, by sector.

State	Residential	Commercial	Industrial	Transportation	Total
Retail Sales (Mwh)					
Revenue (\$ 000's)					
Number of Customers					

SCHEDULE 8. PART B. FINANCIAL INFORMATION RELATED TO COMBUSTION BY-PRODUCTS

Complete an individual Schedule 8, Part B, annually, for each organically fueled thermoelectric power plant with a total steam turbine capacity greater than, or equal to, 100 megawatts.

- Data reported in Schedule 8, Part B must correspond to the combustion by-product data reported on Schedule 8, Part A.

- If actual data are not available, provide an estimate value.

- Report all values in thousand dollars, to the nearest thousand.

Type	Operation and Maintenance (O&M) Expenditures During Year (Thousand Dollars)				(6) Total (1 + 2 + 3 + 4 + 5) 22,935
	(1) Fly Ash	(2) Bottom Ash	(3) Flue Gas Desulfurization	(4) Water Pollution Abatement	
Collection	3,963	2,487	15,982	503	0
Disposal	851	634	1,096	14	0
Other				7,242	7,242

Capital Expenditures for New Structures and Equipment During Year, Excluding Land and Interest Expense (Thousand Dollars)

Type	(7) Air Pollution Abatement	(8) Water Pollution Abatement	(9) Solid/Contained Waste	(10) Other Pollution Abatement
Amount	3,682	74	242	0

Byproduct Sales Revenue During Year (Thousand Dollars)

Type	(11) Fly Ash	(12) Bottom Ash	(13) Fly and Bottom Ash Sold Intermingled	(14) Flue Gas Desulfurization	(15) Other Byproduct Revenue	(16) Total (11+12+13+14+15) 439
Amount	159	280	0	0	0	

SCHEDULE 8. PART C. AIR EMISSIONS CONTROL INFORMATION

Complete an individual Schedule 8, Part C, annually for each thermoelectric or combined cycle power plant with a total steam turbine capacity greater than, or equal to, 10 megawatts. Report operational data for emission of sulfur dioxide (SO2), nitrogen oxides (NOx), particulates, mercury, and acid gases. Environmental Equipment and/or Technology Type

Column A: Boiler, Fuel Gas Desulfurization (FDG), and Flue Gas Particulate (FGP) unit IDs must match the ID as reported on Form EIA-860, "Annual Electric Generator Report."
 Column B: Technology Type: See the forms instructions document to obtain the technology type codes associated with each unit type.
 Column E through Q: See the forms instructions documents for detailed guidance in completing the questionnaire items.

Annual Operations

Environmental Equipment and/or Technology Type			NOx Emission Rate (lbs/MMBtu)			Particulate Matter Control			Sulfur Dioxide Control			Mercury Control	Acid Gas Control		
Types	PM Control ID	SO2 Control ID	NOX Control ID	Entire Year	May through September	Status	Hours in Service	Emission Rate (0.01 lb/MMBtu)	Removal Efficiency Rate at AOF	Tested Particulate Removal (at 100% Load)	Test Date (MM-YYYY)	Removal Efficiency Rate (at 100% Load) at AOF	Removal Efficiency	Quantity of FGD Sorbent Used (nearest 0.1 thousand tons)	FGD Unit Electrical Energy Consumption
AA	B1			.33	.34	OP	6989	.01	99.9	100	08-1975	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	67
OT	B1			.33	.34	OP	6989	.01	99.9	100	08-1977	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	53
AA	B2			.33	.33	OP	8106	.01	99.9	100	08-1975	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	67
OT	B2			.33	.34	OP	8106	.01	99.9	100	08-1977	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	53
EK	ESP1			.33	.34	OP	6989	.01	99.9	100	08-1975	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	67
EK	ESP2			.33	.34	OP	8106	.01	99.9	100	08-1977	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	53
SN	NOX1			.33	.33	OP	6989	.01	99.9	100	08-1975	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	67
SN	NOX2			.33	.33	OP	8106	.01	99.9	100	08-1977	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	53
SP	FGD1			.33	.33	OP	6989	.01	99.9	100	08-1975	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	67
SP	FGD2			.33	.33	OP	8106	.01	99.9	100	08-1977	96.4	(nearest 0.1% by weight)	(nearest 0.1 thousand tons)	53

SCHEDULE 8. PART C. AIR EMISSIONS CONTROL INFORMATION

Environmental Equipment and/or Technology Type		Annual Operations				Sulfur Dioxide Control	Mercury Control	Acid Gas Control				
Types	PM SO2 Control ID	NOX Control ID	NOx Emission Rate (lbs/MMBtu)	Particulate Matter Control	Sulfur Dioxide Control	Mercury Control	Acid Gas Control					
Control ID	SO2 Control ID	NOX Control ID	Entire Year	Emission Rate (0.01 lb/MMBtu)	Removal Efficiency Rate at AOF	Tested Particulate Removal (at 100% Load)	Test Date (MM-YYYY)	Removal Efficiency Rate (at 100% Load) at AOF	Removal Efficiency (nearest 0.1% by weight)	Quantity of FGD Sorbent Used (nearest 0.1 thousand tons)	FGD Unit Electrical Energy Consumption	Removal Efficiency (nearest 0.1% by weight)
Flue Gas Desulfurization Unit ID	Feed Materials and Chemicals	Hours in Service	May through September	FGD Operation and Maintenance Expenditures During Year, Excluding Electricity (Thousand Dollars)	Maintenance, Material and All Other Costs	Land and Supervision	Waste Disposal	Total				
FGD1				\$1,514	\$384	\$1,514	\$384	\$5,996				
FGD2				\$1,387	\$712	\$1,387	\$712	\$11,082				

SCHEDULE 8. PART D. COOLING SYSTEM INFORMATION, MONTHLY OPERATIONS

Complete an individual Schedule 8, Part D for each thermoelectric power plant (organically fueled, nuclear and combined cycle) with a total steam capacity greater than, or equal to, 100 megawatts.

- Complete a separate schedule for each reporting month.
- Complete a separate row for each cooling system.
- If actual data are not available, provided an estimated value.
- If the source of cooling water is a well or municipal water system, do not complete the Cooling Water Temperature sections.

Cooling System ID	Cooling System Type	Cooling System Status	Hours in Service Per month	Annual Amt of Chlorine added to Cooling Water (1000 lbs)	Average Monthly Rate of Cooling Water (to nearest 0.1 gallons per minute)			Cooling Water Temperature (degrees Fahrenheit)			Volume Cooling Water (to nearest 0.001 million gallons per month)							
					Withdrawal	Discharge	Consumption	Avg at Intake	Max at Intake	Avg at Discharge		Max at Discharge	Method of Measure					
Report Month 1																		
CSI	OC	OP	744	.583	0	118056	118056	0	4	46	56	63	74	1	0	5270	5270	0
Report Month 2																		
CSI	OC	OP	638	.613	0	111806	111806	0	4	46	53	61	72	1	0	4279.9	4279.9	0
Report Month 3																		
CSI	OC	OP	701	1.1	0	118806	118806	0	4	52	61	68	80	1	0	4702.5	4702.5	0
Report Month 4																		
CSI	OC	OP	720	.7	0	118056	118056	0	4	63	73	81	92	1	0	5100	5100	0
Report Month 5																		
CSI	OC	OP	744	.5	0	118056	118056	0	4	72	82	89	100	1	0	5270	5270	0
Report Month 6																		
CSI	OC	OP	565	.4	0	107639	107639	0	4	80	89	97	108	1	0	4236.7	4236.7	0

SCHEDULE 8. PART D. COOLING SYSTEM INFORMATION, MONTHLY OPERATIONS

Complete an individual Schedule 8, Part D for each thermoelectric power plant (organically fueled, nuclear and combined cycle) with a total steam capacity greater than, or equal to, 100 megawatts.

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					Div	Withdrawal	Discharge	Consumption	Measure	Avg at Intake		Max at Intake	Avg at Discharge	Max at Discharge	Method of Measure	Div	Withdrawal	Discharge
Report Month 7																		
CSI	OC	OP	744	.9	0	118056	118056	0	4	87	92	106	112	1	0	5270	5720	0
Report Month 8																		
CSI	OC	OP	744	1.1	0	118056	118056	0	4	85	92	104	111	1	0	5270	5270	0
Report Month 9																		
CSI	OC	OP	348	.7	0	56944	56944	0	4	83	89	99	107	1	0	1189	1189	0
Report Month 10																		
CSI	OC	OP	0	0	0	0	0	0	4	0	0	0	0	1	0	0	0	0
Report Month 11																		
CSI	OC	OP	375	.4	0	61111	61111	0	4	54	84	63	86	1	0	1367.7	1367.7	0
Report Month 12																		
CSI	OC	OP	744	.8	0	118056	118056	0	4	52	60	70	78	1	0	5270	5270	0

SCHEDULE 8. PART D. COOLING SYSTEM INFORMATION, MONTHLY OPERATIONS

Complete an individual Schedule 8, Part D for each thermoelectric power plant (organically fueled, nuclear and combined cycle) with a total steam capacity greater than, or equal to, 100 megawatts.

- Complete a separate schedule for each reporting month.
- Complete a separate row for each cooling system.
- If actual data are not available, provided an estimated value.
- If the source of cooling water is a well or municipal water system, do not complete the Cooling Water Temperature sections.

Cooling System ID	Cooling System Status	Hours in Service	Annual Amt of Chlorine added to Cooling Water (1000 lbs)	Average Monthly Rate of Cooling Water (to nearest 0.1 gallons per minute)		Cooling Water Temperature (degrees Fahrenheit)			Volume Cooling Water (to nearest 0.001 million gallons per month)									
				Withdrawal	Discharge	Avg at Intake	Max at Intake	Avg at Discharge		Max at Discharge	Method of Measure							
Report Month 1																		
CS2	OC	OP	744	1.5	0	215278	215278	0	4	45	56	59	71	1	0	9610	9610	0
Report Month 2																		
CS2	OC	OP	640	2.2	0	225694	225694	0	4	45	57	63	89	1	0	8666.7	8666.7	0
Report Month 3																		
CS2	OC	OP	608	3.3	0	211111	211111	0	4	52	61	63	78	1	0	7701.3	7701.3	0
Report Month 4																		
CS2	OC	OP	720	2.3	0	250000	250000	0	4	62	73	80	91	1	0	10800	10800	0
Report Month 5																		
CS2	OC	OP	744	2	0	250000	250000	0	4	71	82	89	102	1	0	11160	11160	0
Report Month 6																		
CS2	OC	OP	614	1.2	0	213194	213194	0	4	80	90	96	109	1	0	7854.1	7854.1	0

SCHEDULE 8. PART D. COOLING SYSTEM INFORMATION, MONTHLY OPERATIONS

Complete an individual Schedule 8, Part D for each thermoelectric power plant (organically fueled, nuclear and combined cycle) with a total steam capacity greater than, or equal to, 100 megawatts.

- Complete a separate schedule for each reporting month.
- Complete a separate row for each cooling system.
- If actual data are not available, provided an estimated value.
- If the source of cooling water is a well or municipal water system, do not complete the Cooling Water Temperature sections.

Cooling System ID	Cooling System Type	Cooling System Status	Hours in Service Per month	Annual Amt of Chlorine added to Cooling Water (1000 lbs)	Average Monthly Rate of Cooling Water (to nearest 0.1 gallons per minute)			Cooling Water Temperature (degrees Fahrenheit)			Volume Cooling Water (to nearest 0.001 million gallons per month)							
					Withdrawal	Discharge	Consumption	Avg at Intake	Max at Intake	Avg at Discharge		Max at Discharge	Method of Measure					
Report Month 7																		
CS2	OC	OP	728	2.1	0	244444	244444	0	4	87	92	105	113	1	0	10677.3	10677.3	0
Report Month 8																		
CS2	OC	OP	744	3.4	0	250000	250000	0	4	85	93	104	112	1	0	11160	11160	0
Report Month 9																		
CS2	OC	OP	720	4.3	0	250000	250000	0	4	79	90	97	111	1	0	10800	10800	0
Report Month 10																		
CS2	OC	OP	631	1.8	0	2125000	2125000	0	4	62	71	77	89	1	0	8045.3	8045.3	0
Report Month 11																		
CS2	OC	OP	720	2.7	0	250000	250000	0	4	52	57	68	74	1	0	10800	10800	0
Report Month 12																		
CS2	OC	OP	744	2.1	0	250000	250000	0	4	51	59	68	76	1	0	11160	11160	0

SCHEDULE 9. COMMENTS

(Instructions for SCHEDULE 9. are on page 20.)

Schedule	Part	Item	Comments
8	C	OT	Oxidized halide and flux agent for B1 and B2
8	D		Mercury Control removal efficiency was estimated based on historic values.
8	D		Mercury Control removal efficiency was estimated based on historic values.
8	D		Major outage for Unit 1 CS1 October

Generator Retirement Dates

Generator Id	Retirement Month	Retirement Year	Comments
			Changes in Ownership (Provide name of purchaser and date sold.)

Supplemental EIA923 Power Plant Operations Report
 Year: 2015 Plant: 2823 Milton R Young

ERRORS

Purchase Type	Fuel	Schedule	Prime Mover	Equipment ID	Rpt Month	Supplier	Error Number & Description	Ranges	Override Comment
		8B					835 Sales of fly and bottom ash (Line 1, 2, 3, 4, and 5) were reported on Schedule 8, Part A. Please enter the revenue (Part 13) in units of thousand dollars from those sales on Schedule 8B, if applicable. If the fly and bottom ash sold were not sold intermingled, please comment.		No intermingled sales
		8C		OT			1815 A comment is required on Schedule 9 for the Other Equipment Type (OT) you selected on Schedule 8C. Please enter Schedule 8, Part C, and Item OT next to the explanation comment.		OT is oxidized halide and flux agent for B1 and B2
		8D		CS1	10		855 The maximum temperature reported for the month is outside normal bounds (32-100 degrees F) at the intake for the plant.		Major outage for Unit 1 CS1 in October
		8D		CS1	10		856 The maximum temperature reported for the month is outside normal bounds (32-120 degrees F) at the discharge for the plant.		Major outage for Unit 1 CS1 in October
		8D		CS1	10		857 The average temperature reported for the month is outside normal bounds (32-100 degrees F) at the intake for the plant.		Major outage for Unit 1 CS1 in October
		8D		CS1	10		858 The average temperature reported for the month is outside normal bounds (32-110 degrees F) at the discharge for the plant.		Major outage for Unit 1 CS1 in October

EXHIBIT II

Federal Energy Regulatory Commission Form FERC-714
(Supersedes FERC Form 12)



Federal Energy Regulatory Commission
FERC Form No. 714

Annual Electric Balancing Authority Area and Planning Area Report

For the Year Ending December 31, 2015

Form Approved
OMB Numbers: 1902-0140
(Expires 05/31/2016)

Part I - Schedule 1. Identification and Certification

1. Respondent Identification:
Code: 12658 Name: Minnkota Power Cooperative, Inc.

2. Respondent Type: (Please check appropriate box and fill in name)
 Part I: Balancing Authority Area (Complete Parts I, II, and IV)
 Unit dispatch is not based on the economic dispatch of thermal units (i.e., a system lambda is not calculated)
 Balancing Authority Area Name:

Part II: Planning Area (Complete Parts I, III, and IV)
 Planning Area Name:
 Minnkota Power Cooperative, Inc.

3. Respondent Mailing Address:
 Minnkota Power Cooperative, Inc.
 1822 Mill Road
 Grand Forks, North Dakota 58208-3200

4. Contact Person:
 Name: Brock Vaagene
 Title: Energy Marketer Supervisor
 E-mail address: bvaagene@minnkota.com

Telephone #: 701-795-4425 Ext:
 5. Certifying Official:
 Name: Brock Vaagene
 Title: Energy Marketer Supervisor
 Date: 04/06/2016

This report is an Original Revised Filing

**Annual Electric Balancing Authority Area and Planning
 Area Report**

For the Year Ending December 31, 2015

Utility Code: 12658
 Utility Name: Minnkota Power Cooperative, Inc.

Part III - Schedule 1. Electric Utilities That Compose the Planning Area

Enter the name of each entity, including the respondent, that forms the planning area for which this report is being prepared and their coincident summer and winter peak demands in megawatts. Refer to the Form 714 instructions for specific guidelines.

Line No (a)	Electric Utility Name (b)	Electric Utility Coincident Peak Demand (MW)	
		Summer (c)	Winter (d)
1	Beltrami Electric Coop.	67	112
2	Cass County Electric Coop.	199	235
3	Cavalier Rural Electric Coop.	8	8
4	Clearwater Polk Electric Coop.	11	20
5	Northern Municipal Power Agency	78	85
6	Nodak Electric Coop.	159	201
7	North Star Electric Coop.	16	32
8	PKM Electric Coop.	22	32
9	Red Lake Electric Coop.	19	32
10	Red River Electric Coop.	22	35
11	Roseau Electric Coop.	23	42
12	Wild Rice Electric Coop.	43	74
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**Annual Electric Balancing Authority Area and Planning
 Area Report**

Utility Code: 12658
 Utility Name: Minnkota Power Cooperative, Inc.

For the Year Ending December 31, 2015

Part III - Schedule 2. Planning Area Hourly Demand

Respondents must provide the following data: the planning area's actual hourly demand, in megawatts, for each hour of the year starting with 1 a.m. January 1 as more fully described in the Form 714 instructions. In column (b) indicate the time zone and the days for which daylight savings time was observed. This schedule will have 365 rows for the report year (366 rows for a leap year). For hours when this information is not available, enter "0.00" and provide, as a footnote to those hours, an explanation describing the reason for the unavailability of the data.

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
01/01/2015	CST	628	619	603	587	576	573	581	595	613	626	651	668	658	655	646	639	652	691	743	750	750	745	732	704
01/02/2015	CST	682	670	668	662	662	666	684	721	705	695	686	673	655	639	674	682	682	674	672	670	685	661	629	601
01/03/2015	CST	624	597	594	588	588	572	594	632	633	664	691	702	715	801	797	776	791	823	816	820	816	807	789	761
01/04/2015	CST	831	814	802	795	794	796	802	816	787	798	795	780	771	853	838	830	840	872	869	874	877	861	835	784
01/05/2015	CST	843	844	834	827	824	831	860	908	747	758	768	758	807	927	901	874	857	675	624	601	586	700	933	871
01/06/2015	CST	827	805	791	783	781	787	814	876	853	818	806	787	791	867	851	836	840	866	854	860	859	844	819	783
01/07/2015	CST	852	834	825	823	822	827	859	919	895	871	842	811	790	854	825	805	811	833	778	788	840	843	810	766
01/08/2015	CST	830	823	804	795	780	774	788	793	815	793	770	767	811	827	813	811	824	846	841	845	838	829	801	761
01/09/2015	CST	828	811	797	791	788	792	823	866	863	838	812	783	741	797	775	762	771	793	785	806	790	776	771	758
01/10/2015	CST	822	803	785	772	769	778	788	807	786	796	785	759	721	760	726	706	712	749	761	772	769	761	746	720
01/11/2015	CST	789	771	759	748	740	737	744	750	710	729	742	725	706	759	723	694	695	728	760	785	795	786	767	735
01/12/2015	CST	798	785	780	780	786	805	843	915	899	876	849	824	794	855	829	809	807	815	682	682	738	875	830	793
01/13/2015	CST	871	856	845	838	834	843	874	941	909	870	837	796	750	823	810	796	785	785	686	741	783	759	723	682
01/14/2015	CST	730	706	693	683	678	686	717	766	729	762	724	699	699	735	713	705	708	720	711	711	699	682	662	610
01/15/2015	CST	643	615	598	587	584	593	623	690	688	653	630	622	613	632	631	615	623	638	647	665	662	652	630	600
01/16/2015	CST	645	625	617	615	619	636	670	737	732	710	701	689	676	736	718	699	695	701	677	670	657	645	623	592
01/17/2015	CST	633	604	583	566	556	551	558	575	573	586	597	597	593	628	597	572	564	574	588	595	587	572	555	531
01/18/2015	CST	566	542	526	521	525	528	539	554	554	564	562	550	545	592	589	551	551	570	590	612	608	596	581	555
01/19/2015	CST	604	583	568	559	558	566	588	633	629	620	612	600	585	621	607	599	603	618	626	634	623	607	580	559
01/20/2015	CST	569	541	534	524	522	535	571	639	646	626	617	613	604	648	636	621	621	632	634	645	637	621	598	556
01/21/2015	CST	587	564	553	546	545	556	595	664	669	641	634	634	624	681	661	653	659	664	689	704	699	688	661	623
01/22/2015	CST	679	663	656	655	656	668	699	770	754	717	692	663	635	682	656	642	643	656	653	664	655	637	605	568
01/23/2015	CST	575	546	527	519	520	527	560	623	625	599	567	543	537	563	542	527	522	530	546	563	560	551	538	511
01/24/2015	CST	543	519	507	498	495	498	516	538	540	549	551	552	548	587	566	554	556	572	577	584	578	573	561	541
01/25/2015	CST	590	571	560	557	558	562	575	597	590	600	593	576	564	615	591	577	581	599	616	630	627	613	592	559
01/26/2015	CST	595	573	548	534	529	530	560	625	627	587	573	562	553	595	595	586	588	600	607	625	618	599	574	536
01/27/2015	CST	569	545	532	530	531	542	576	648	634	597	586	578	570	615	600	585	582	595	599	612	606	592	563	528
01/28/2015	CST	555	525	514	502	496	503	536	601	607	583	571	567	563	603	588	578	582	592	599	600	594	584	565	532

**Annual Electric Balancing Authority Area and Planning
 Area Report**

For the Year Ending December 31, 2015

Utility Code: 12658
 Utility Name: Minnesota Power Cooperative, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)
01/29/2015	CST	566	548	541	543	548	565	599	666	667	654	660	652	641	702	678	657	656	675	674	702	712	708	687	693
01/30/2015	CST	707	661	669	661	659	660	689	749	727	695	678	665	649	690	661	634	619	620	616	636	632	617	600	574
01/31/2015	CST	610	598	580	581	584	598	621	654	662	671	674	666	650	711	696	694	707	730	720	740	737	732	726	704
02/01/2015	CST	774	757	751	748	747	748	760	700	753	768	762	736	715	702	751	723	717	725	712	740	751	749	746	724
02/02/2015	CST	787	767	755	750	746	749	777	845	822	788	766	748	710	748	712	691	672	682	687	725	730	726	704	667
02/03/2015	CST	719	700	691	690	691	697	726	791	776	742	725	709	693	718	653	686	684	697	664	605	601	617	710	664
02/04/2015	CST	715	693	684	684	691	707	747	818	799	762	730	704	687	760	731	720	720	738	595	584	556	545	527	605
02/05/2015	CST	825	799	784	778	770	771	786	843	809	759	729	693	661	705	670	641	628	638	642	678	678	671	650	615
02/06/2015	CST	656	629	615	614	615	624	652	714	709	680	651	645	633	674	646	627	620	620	612	628	623	623	606	586
02/07/2015	CST	638	615	598	591	586	586	595	615	604	614	616	609	592	624	589	563	551	560	566	590	584	574	561	541
02/08/2015	CST	588	567	560	558	562	570	582	607	602	619	630	626	623	695	677	658	653	664	653	674	673	666	634	598
02/09/2015	CST	648	629	614	608	608	617	650	719	713	687	676	664	655	706	689	673	669	678	664	678	670	657	631	592
02/10/2015	CST	630	602	587	578	571	581	612	678	678	648	640	640	628	676	657	639	632	637	635	663	665	659	641	611
02/11/2015	CST	662	642	635	641	655	674	713	791	771	736	709	685	679	748	737	734	745	768	759	800	802	795	764	720
02/12/2015	CST	785	780	773	770	771	783	811	882	844	807	784	765	744	802	788	757	722	740	738	796	796	772	728	685
02/13/2015	CST	734	701	677	663	654	652	678	742	722	698	676	654	642	695	674	658	658	674	668	698	698	694	686	672
02/14/2015	CST	743	735	736	740	745	757	775	798	762	773	763	746	724	783	754	733	732	747	728	758	758	748	730	702
02/15/2015	CST	772	761	753	752	753	752	754	764	727	733	739	732	727	796	764	737	728	732	707	730	724	723	694	660
02/16/2015	CST	713	687	672	663	650	653	676	726	710	705	692	670	642	650	656	680	685	702	697	735	737	729	725	700
02/17/2015	CST	765	749	745	747	752	762	798	846	817	766	749	721	697	762	752	746	756	776	760	807	807	801	779	741
02/18/2015	CST	809	794	786	781	782	791	829	896	857	813	782	755	735	800	773	752	747	766	747	757	734	823	790	748
02/19/2015	CST	820	805	800	801	802	812	835	719	678	716	786	770	728	727	754	754	757	774	750	780	776	764	739	696
02/20/2015	CST	747	721	702	699	676	676	698	754	731	699	679	652	647	691	673	662	660	669	649	675	677	670	659	638
02/21/2015	CST	698	681	673	669	671	681	699	728	707	715	699	680	662	722	690	668	664	682	679	733	744	745	734	718
02/22/2015	CST	798	789	784	783	788	787	800	822	773	782	766	746	732	805	776	750	737	748	739	749	727	792	787	751
02/23/2015	CST	827	811	805	802	802	809	841	908	860	820	795	775	762	828	799	782	772	771	734	746	729	698	655	607
02/24/2015	CST	636	603	589	586	585	602	638	698	681	650	628	612	593	649	629	613	609	625	626	566	561	662	693	644
02/25/2015	CST	699	679	668	667	666	677	711	764	755	729	705	681	649	704	685	674	675	693	686	734	749	744	725	695
02/26/2015	CST	762	745	739	736	739	751	785	855	810	762	727	702	678	741	716	695	687	698	678	726	739	736	719	688
02/27/2015	CST	753	738	732	731	734	744	775	843	798	759	727	696	662	705	673	647	634	638	618	657	671	666	658	636
02/28/2015	CST	697	680	670	671	671	676	698	712	684	693	677	651	622	682	630	611	612	626	605	626	627	621	609	593
03/01/2015	CST	652	638	636	639	646	656	671	695	662	667	657	628	606	655	631	613	607	619	613	658	676	670	654	626
03/02/2015	CST	681	667	662	662	670	684	725	807	776	732	696	650	621	687	631	614	615	630	618	652	660	647	622	581
03/03/2015	CST	612	587	571	560	557	568	607	681	671	658	650	639	626	683	674	664	672	701	695	740	755	746	719	683
03/04/2015	CST	751	730	720	722	722	732	763	833	790	750	724	710	697	763	745	737	740	757	732	680	625	618	611	691

**Annual Electric Balancing Authority Area and Planning
 Area Report**

For the Year Ending December 31, 2015

Utility Code: 12658
 Utility Name: Minnkota Power Cooperative, Inc.

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)
03/05/2015	CST	842	813	800	793	792	802	819	801	726	756	750	734	699	743	711	694	671	676	662	700	716	706	683	649
03/06/2015	CST	697	667	648	633	627	634	661	698	606	598	550	535	571	599	570	545	546	580	556	593	599	581	563	537
03/07/2015	CST	562	534	520	516	516	524	539	584	553	560	556	543	524	548	515	493	487	494	499	538	556	549	533	512
03/08/2015	CST	545	523	512	511	511	519	535	530	537	529	514	498	532	507	483	473	473	468	481	518	539	516	478	495
03/09/2015	CST	477	468	470	469	483	519	592	602	571	547	529	508	529	507	491	483	481	469	481	507	523	505	471	477
03/10/2015	CST	455	447	445	448	461	494	562	579	544	505	486	472	494	478	467	475	469	464	476	501	522	503	472	483
03/11/2015	CST	464	457	461	461	473	504	575	594	573	564	546	530	551	524	501	492	496	484	495	525	544	527	492	488
03/12/2015	CST	474	462	458	458	466	493	559	576	550	537	524	511	529	514	498	491	490	477	481	501	518	501	467	470
03/13/2015	CST	445	437	439	445	461	497	569	589	573	560	535	526	559	541	525	512	508	485	482	496	518	510	480	511
03/14/2015	CST	487	475	471	471	476	489	519	525	535	522	493	471	485	463	439	422	419	411	417	439	456	443	425	435
03/15/2015	CST	415	404	399	397	399	408	424	439	454	460	449	442	460	440	424	420	422	419	432	458	467	415	379	387
03/16/2015	CST	367	364	360	366	378	414	492	530	514	516	526	529	563	555	541	530	524	509	518	537	564	554	519	541
03/17/2015	CST	539	530	530	539	553	587	651	639	586	489	545	531	555	535	513	502	499	486	500	525	546	529	500	514
03/18/2015	CST	495	487	489	493	506	541	614	618	587	572	555	537	551	529	517	514	514	483	487	505	520	498	468	481
03/19/2015	CST	470	470	477	479	489	521	592	602	579	568	558	552	575	555	534	525	522	512	514	525	546	532	500	513
03/20/2015	CST	494	483	480	481	491	519	585	598	578	572	565	558	590	576	559	554	554	528	524	540	559	549	530	583
03/21/2015	CST	575	568	568	569	575	589	615	595	592	596	589	576	612	579	556	549	551	535	541	555	568	561	532	566
03/22/2015	CST	541	528	521	519	524	536	559	556	565	557	543	532	565	536	516	508	512	509	522	540	553	534	501	515
03/23/2015	CST	490	482	485	488	499	529	597	612	593	581	577	568	604	590	578	577	581	568	573	580	585	563	524	540
03/24/2015	CST	516	507	502	501	509	541	612	609	573	563	561	547	571	549	537	537	550	546	555	561	584	563	523	538
03/25/2015	CST	514	500	497	491	495	526	590	597	573	570	570	567	607	590	577	576	581	566	568	576	587	561	523	542
03/26/2015	CST	520	509	508	511	521	557	631	629	592	570	561	548	579	558	542	539	537	521	528	548	583	572	542	573
03/27/2015	CST	561	563	569	581	600	637	709	694	662	636	623	608	620	597	553	542	538	519	521	523	537	525	503	527
03/28/2015	CST	507	497	493	499	511	537	599	584	572	582	528	491	509	495	493	486	483	475	481	495	516	507	485	493
03/29/2015	CST	466	456	449	448	448	455	474	485	507	511	506	496	524	493	470	464	465	462	470	478	500	482	463	461
03/30/2015	CST	443	443	446	453	462	498	576	586	565	554	546	534	552	516	488	478	488	474	470	473	504	495	469	459
03/31/2015	CST	435	428	431	432	442	476	562	556	522	492	478	470	485	484	448	441	440	432	433	447	483	463	424	418
04/01/2015	CST	401	388	388	393	412	451	528	539	512	490	481	474	468	446	442	463	462	455	460	473	504	490	443	428
04/02/2015	CST	410	405	407	412	430	476	552	560	533	521	514	510	533	525	516	516	522	527	542	549	568	556	527	556
04/03/2015	CST	539	534	536	540	549	574	616	607	609	595	572	554	573	541	517	510	514	501	499	498	517	510	489	506
04/04/2015	CST	486	479	478	482	493	486	501	494	535	541	531	513	526	493	467	457	454	442	448	463	493	493	479	501
04/05/2015	CST	482	478	479	487	496	513	541	569	570	554	531	512	486	458	440	430	430	442	462	487	512	507	480	457
04/06/2015	CST	447	444	450	457	481	517	579	588	582	575	570	555	574	553	536	530	530	521	528	537	554	537	499	506
04/07/2015	CST	486	478	477	480	490	523	596	600	590	580	587	573	607	590	577	569	569	554	555	552	561	540	503	514
04/08/2015	CST	490	478	473	468	474	505	572	534	563	552	535	515	537	518	500	497	499	488	491	498	521	506	467	474

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Utility Code: 12653
Utility Name: Minnkota Power Cooperative, Inc.

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Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)
04/09/2015	CST	455	447	446	419	426	465	562	576	549	528	506	486	500	482	466	460	457	437	436	444	473	475	446	448
04/10/2015	CST	434	431	435	441	454	487	557	563	534	514	497	480	492	474	454	443	436	421	419	425	448	453	438	442
04/11/2015	CST	425	420	424	434	443	458	483	482	487	477	462	451	461	438	421	411	408	401	399	401	422	423	391	383
04/12/2015	CST	360	347	344	345	340	346	364	368	412	423	421	418	433	418	405	404	409	414	424	433	450	439	405	394
04/13/2015	CST	378	377	380	390	406	448	525	529	497	481	471	464	482	473	463	456	454	446	453	462	482	483	445	439
04/14/2015	CST	420	413	415	423	439	481	553	548	502	477	465	457	463	446	430	430	438	433	436	443	467	462	420	397
04/15/2015	CST	371	361	360	357	362	392	461	482	462	455	454	448	449	420	426	434	436	431	436	438	453	442	405	361
04/16/2015	CST	354	348	343	347	352	363	452	478	457	454	449	440	451	441	430	427	429	424	423	424	445	449	413	309
04/17/2015	CST	366	361	363	372	384	424	493	506	479	463	454	448	453	438	422	419	415	408	407	408	424	432	405	308
04/18/2015	CST	362	349	350	356	364	384	408	422	422	431	438	432	435	414	403	398	397	396	398	400	412	413	367	370
04/19/2015	CST	341	328	326	327	333	342	350	368	394	404	417	425	451	450	454	455	460	459	463	473	484	475	443	446
04/20/2015	CST	426	419	420	422	436	475	548	565	556	555	558	556	581	568	553	544	549	542	547	547	551	534	497	502
04/21/2015	CST	477	467	464	464	470	505	571	592	564	530	525	515	547	530	518	512	516	505	503	499	514	512	479	485
04/22/2015	CST	463	464	467	468	482	519	584	579	543	519	505	495	513	502	486	479	476	465	464	471	495	489	455	459
04/23/2015	CST	439	432	434	449	479	513	565	557	515	490	475	456	471	458	450	446	442	438	449	467	494	483	457	447
04/24/2015	CST	421	412	411	415	427	460	526	544	530	513	527	511	495	491	479	473	478	476	474	473	481	476	451	426
04/25/2015	CST	407	373	372	363	368	382	401	426	445	446	438	437	434	427	408	400	395	396	394	397	412	429	410	384
04/26/2015	CST	371	366	364	363	372	387	407	427	431	425	418	413	409	398	391	386	383	393	401	409	424	433	393	357
04/27/2015	CST	340	338	342	346	345	380	447	477	449	431	428	431	429	423	412	409	408	406	413	418	435	433	361	342
04/28/2015	CST	327	326	327	333	344	373	437	473	458	449	442	433	410	392	387	403	414	417	428	432	445	450	410	361
04/29/2015	CST	356	350	346	359	377	414	478	506	474	462	453	440	437	436	433	427	429	430	433	433	445	457	420	380
04/30/2015	CST	357	347	344	347	356	389	450	479	459	453	446	441	438	436	435	435	441	437	439	442	451	451	412	366
05/01/2015	CST	341	328	323	316	322	348	407	445	423	404	413	413	426	427	417	419	422	422	418	404	406	422	395	357
05/02/2015	CST	326	313	302	296	298	308	320	367	397	408	406	411	411	412	412	411	414	418	418	405	404	411	388	358
05/03/2015	CST	337	321	311	302	307	311	317	346	379	399	403	407	409	397	389	388	390	400	410	416	418	423	385	344
05/04/2015	CST	324	318	318	326	343	377	435	472	455	447	443	423	415	420	419	422	425	429	435	437	443	454	415	373
05/05/2015	CST	351	341	340	342	353	385	444	471	449	441	441	436	428	400	394	420	431	431	435	431	435	442	408	365
05/06/2015	CST	337	322	314	312	320	349	405	445	429	431	434	429	426	423	413	409	425	431	432	435	440	436	396	358
05/07/2015	CST	331	296	284	281	288	315	377	415	412	433	444	445	443	438	430	426	425	430	437	440	450	445	410	375
05/08/2015	CST	353	344	348	348	353	389	450	494	483	476	466	456	447	443	430	425	427	432	440	444	454	464	443	417
05/09/2015	CST	397	387	385	386	391	403	419	446	463	466	462	451	434	416	403	396	397	402	409	415	427	437	417	391
05/10/2015	CST	371	361	359	361	368	377	391	424	454	464	457	454	454	448	445	448	447	457	469	476	482	473	443	410
05/11/2015	CST	397	389	389	392	404	438	505	545	534	534	536	537	532	528	508	499	509	510	508	503	504	494	456	420
05/12/2015	CST	401	393	397	420	433	465	519	539	509	494	480	466	453	444	433	434	435	437	439	447	459	469	435	399
05/13/2015	CST	379	368	365	365	380	417	477	506	494	494	494	494	488	486	476	477	484	486	486	481	481	472	431	392

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Utility Code: 12658
Utility Name: Minnkota Power Cooperative, Inc.

For the Year Ending December 31, 2015

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)
05/14/2015	CST	369	358	356	355	357	377	436	483	469	467	465	463	464	452	447	450	459	461	458	453	454	457	425	389
05/15/2015	CST	367	356	353	352	359	390	417	450	450	461	457	449	439	433	423	417	412	404	398	392	399	419	403	375
05/16/2015	CST	353	344	340	339	343	348	361	392	411	419	421	420	408	398	393	392	398	402	404	403	404	412	390	364
05/17/2015	CST	342	330	322	320	322	329	337	368	400	417	430	425	425	426	413	409	409	426	432	437	437	447	418	366
05/18/2015	CST	371	367	365	376	390	409	475	527	522	519	522	508	502	501	505	513	530	536	534	526	519	514	477	440
05/19/2015	CST	421	412	413	418	431	462	515	530	499	471	461	456	446	440	429	424	429	427	428	433	444	461	435	399
05/20/2015	CST	381	377	383	389	403	432	490	503	461	443	436	426	418	413	406	406	410	408	417	425	437	455	428	384
05/21/2015	CST	357	344	341	342	351	378	434	453	431	427	420	415	408	408	408	408	411	412	422	422	428	446	425	382
05/22/2015	CST	353	340	335	336	347	371	420	456	448	426	405	401	399	413	422	424	427	417	407	399	396	412	400	365
05/23/2015	CST	335	320	312	306	309	313	323	356	383	397	402	398	393	388	383	384	386	389	388	385	381	391	380	353
05/24/2015	CST	326	312	305	300	300	299	308	336	367	385	388	386	390	384	374	373	372	375	379	378	380	391	377	347
05/25/2015	CST	322	305	297	294	297	303	306	329	361	387	396	404	409	404	394	396	402	413	416	414	413	417	395	354
05/26/2015	CST	328	315	310	308	318	342	399	434	432	436	444	446	446	449	446	451	454	456	456	454	451	459	428	377
05/27/2015	CST	341	324	315	312	317	335	386	427	424	429	433	408	412	417	424	442	452	454	463	461	459	465	434	383
05/28/2015	CST	347	329	320	316	321	341	393	434	430	435	443	453	457	460	442	428	440	448	456	457	446	446	420	380
05/29/2015	CST	352	335	326	321	322	342	384	421	428	434	441	421	408	402	406	411	405	401	395	392	391	404	399	370
05/30/2015	CST	350	339	335	336	340	345	361	390	414	424	424	410	388	373	367	370	364	363	366	372	373	394	392	365
05/31/2015	CST	345	334	330	331	337	337	341	364	387	395	393	389	387	376	368	366	369	377	384	386	387	395	381	344
06/01/2015	CST	319	310	308	308	320	342	394	428	431	438	443	444	440	436	423	422	425	426	430	428	418	426	398	354
06/02/2015	CST	325	307	298	297	300	322	371	405	413	423	428	431	431	430	424	425	427	424	423	430	434	434	406	364
06/03/2015	CST	334	325	322	305	290	309	352	395	427	428	427	424	425	428	422	423	427	432	433	431	430	426	400	367
06/04/2015	CST	354	327	316	309	318	352	398	431	430	438	445	445	448	450	435	429	437	439	437	434	437	445	423	383
06/05/2015	CST	350	331	322	317	320	335	375	418	430	439	446	448	446	444	441	442	446	441	434	425	414	415	406	373
06/06/2015	CST	342	326	312	306	308	307	316	346	382	374	387	397	395	400	395	398	404	409	409	396	391	393	391	362
06/07/2015	CST	338	321	306	300	299	296	303	331	362	383	399	415	423	398	386	392	400	403	409	405	400	420	398	355
06/08/2015	CST	326	308	300	295	305	324	368	411	418	430	446	458	468	475	476	482	488	495	498	470	449	447	418	377
06/09/2015	CST	347	338	326	320	316	323	355	395	406	419	439	464	478	489	486	509	519	519	512	500	483	475	448	393
06/10/2015	CST	344	324	312	308	312	324	373	411	421	432	440	450	450	450	450	454	456	484	461	452	449	455	430	380
06/11/2015	CST	371	352	344	341	345	359	407	447	450	459	470	478	474	483	491	498	505	511	509	499	491	486	460	407
06/12/2015	CST	368	345	334	327	330	340	381	424	444	458	472	477	480	484	486	493	498	497	483	482	459	454	436	396
06/13/2015	CST	360	338	326	317	317	311	322	360	396	419	432	446	454	455	458	462	465	468	465	452	437	429	429	396
06/14/2015	CST	363	345	335	328	322	315	317	345	373	392	401	407	414	413	409	415	427	439	445	447	441	437	422	378
06/15/2015	CST	347	332	325	322	327	341	387	429	440	444	450	453	449	444	442	441	440	441	440	440	440	430	415	371
06/16/2015	CST	340	327	321	317	323	334	383	409	398	399	401	403	405	401	397	403	416	424	427	423	416	414	397	359
06/17/2015	CST	334	311	298	286	291	310	359	394	402	410	414	416	414	412	412	416	427	428	427	425	426	431	417	372

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Utility Code: 12658
 Utility Name: Minnkota Power Cooperative, Inc.

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Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)	
06/18/2015	CST	336	321	309	303	306	325	370	407	415	425	428	430	428	431	426	424	428	425	428	426	426	426	430	412	370
06/19/2015	CST	340	323	315	311	316	334	371	407	423	433	438	439	434	437	435	442	449	450	451	441	429	429	429	417	378
06/20/2015	CST	344	323	311	305	301	308	315	336	360	382	387	392	394	400	398	403	410	417	416	409	390	390	390	384	364
06/21/2015	CST	336	321	310	304	302	295	301	329	361	387	405	421	429	431	435	440	454	466	470	470	466	466	462	437	396
06/22/2015	CST	357	335	322	317	319	338	381	419	437	454	468	470	469	471	469	469	472	477	474	462	450	445	429	381	
06/23/2015	CST	348	330	321	313	318	331	379	418	426	441	445	445	450	480	486	490	507	515	515	511	495	491	468	410	
06/24/2015	CST	369	351	338	331	335	354	400	445	456	474	487	501	505	510	511	516	513	499	489	474	463	454	438	393	
06/25/2015	CST	369	342	330	320	320	325	370	419	437	450	474	482	491	504	511	522	532	526	519	507	489	485	467	410	
06/26/2015	CST	368	345	331	326	337	348	389	428	451	476	498	513	520	527	526	530	523	517	508	493	474	462	443	405	
06/27/2015	CST	370	346	335	329	327	324	335	373	413	446	469	475	465	462	465	462	450	456	449	433	411	400	392	361	
06/28/2015	CST	342	339	330	324	321	313	315	345	379	409	428	444	456	462	470	476	483	495	500	501	491	486	462	409	
06/29/2015	CST	370	348	339	335	339	355	398	442	452	464	476	493	504	513	513	516	517	518	514	505	496	489	457	410	
06/30/2015	CST	373	351	342	333	332	349	393	429	436	447	454	463	473	478	475	478	485	486	480	469	464	469	447	398	
07/01/2015	CST	365	343	328	320	324	340	383	420	433	453	474	493	502	513	516	520	530	532	525	511	501	498	472	421	
07/02/2015	CST	382	359	344	338	341	355	388	429	447	462	471	475	479	483	471	470	489	496	487	478	467	465	450	410	
07/03/2015	CST	392	369	354	341	338	338	346	375	406	432	455	470	480	486	489	488	489	494	492	479	460	451	438	400	
07/04/2015	CST	370	349	336	333	333	344	349	374	410	430	455	473	476	457	464	462	488	484	477	461	440	432	420	410	
07/05/2015	CST	377	353	333	327	328	320	320	345	385	420	430	428	440	442	465	471	487	502	505	494	478	469	448	400	
07/06/2015	CST	366	346	332	328	331	349	383	420	435	450	463	472	474	473	464	465	463	462	461	454	445	441	425	384	
07/07/2015	CST	356	327	310	306	316	342	390	430	440	451	463	467	465	466	467	473	475	482	484	479	470	467	447	400	
07/08/2015	CST	365	344	339	339	342	359	395	428	432	442	442	444	447	447	448	446	450	450	447	445	450	457	440	396	
07/09/2015	CST	359	340	328	324	330	347	387	428	438	456	472	480	486	496	503	515	524	533	532	526	512	505	490	444	
07/10/2015	CST	401	375	362	353	352	357	389	437	459	468	488	512	525	534	540	539	580	581	572	551	533	525	504	456	
07/11/2015	CST	414	365	365	356	357	358	364	398	438	469	491	504	515	515	518	528	527	536	530	522	506	500	483	446	
07/12/2015	CST	419	387	368	359	346	339	340	369	405	443	477	501	518	528	527	507	510	528	519	508	495	481	450	404	
07/13/2015	CST	376	357	350	347	351	370	408	448	474	497	519	536	548	552	551	564	574	578	574	545	529	523	491	436	
07/14/2015	CST	407	385	371	364	366	379	419	469	496	512	531	551	554	550	557	567	563	564	570	556	540	533	507	453	
07/15/2015	CST	411	386	374	368	368	387	427	474	499	521	539	555	548	540	549	541	536	537	534	528	514	512	487	439	
07/16/2015	CST	406	381	340	321	335	381	419	445	458	472	489	495	505	508	520	533	530	526	504	483	476	468	474	432	
07/17/2015	CST	390	365	359	353	357	372	411	460	487	511	528	547	550	546	539	547	540	533	511	490	484	474	452	411	
07/18/2015	CST	378	359	346	340	339	341	346	383	425	455	476	487	478	470	461	461	463	458	456	447	427	425	412	382	
07/19/2015	CST	356	336	323	319	312	311	318	342	340	371	389	410	450	480	489	501	515	529	534	531	509	469	443	386	
07/20/2015	CST	348	327	314	307	320	339	385	427	443	463	477	482	486	495	495	481	480	486	508	500	492	490	462	412	
07/21/2015	CST	370	352	342	337	341	356	394	429	433	442	457	478	492	503	503	513	521	514	507	496	483	490	465	409	
07/22/2015	CST	367	347	324	319	320	337	381	417	428	449	477	497	513	528	543	545	549	567	582	566	563	555	523	467	

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Utility Code: 12658
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Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)
07/23/2015	CST	425	399	383	368	368	365	427	455	467	489	514	540	557	569	579	562	515	557	567	562	563	538	488	484
07/24/2015	CST	397	376	367	350	356	369	406	450	469	498	514	526	533	540	542	545	551	554	547	533	508	497	476	435
07/25/2015	CST	401	368	346	339	344	348	351	382	406	428	447	472	493	481	485	486	486	500	513	511	494	484	460	428
07/26/2015	CST	392	371	355	348	341	340	338	373	420	462	496	517	534	540	547	561	576	595	582	538	517	543	500	449
07/27/2015	CST	414	390	378	371	358	370	406	461	501	537	565	593	577	535	536	542	548	600	625	611	596	589	548	487
07/28/2015	CST	444	415	373	384	395	405	446	477	503	511	527	546	549	554	561	569	570	561	547	527	501	494	466	416
07/29/2015	CST	378	361	358	353	357	380	414	451	468	488	502	508	508	506	513	521	536	544	542	529	515	512	481	434
07/30/2015	CST	397	374	364	355	358	377	415	456	473	491	505	515	527	534	541	552	563	569	568	552	530	521	483	430
07/31/2015	CST	391	371	360	345	346	366	402	443	464	484	502	515	523	525	524	535	541	542	536	520	495	488	458	417
08/01/2015	CST	382	359	347	340	335	337	333	364	406	445	466	478	491	498	506	519	534	538	539	531	510	501	448	393
08/02/2015	CST	385	373	360	350	345	344	346	370	403	438	460	477	479	473	471	476	483	493	494	485	467	465	433	387
08/03/2015	CST	354	335	326	319	328	347	384	419	423	438	453	468	477	489	491	500	507	511	515	506	492	496	459	407
08/04/2015	CST	369	346	314	307	309	335	382	421	431	450	464	469	471	476	480	508	532	542	542	533	511	508	477	429
08/05/2015	CST	394	375	363	362	355	366	406	444	460	471	487	503	516	524	521	516	508	509	509	511	511	513	465	414
08/06/2015	CST	383	376	367	360	364	366	426	463	479	491	510	511	498	494	503	515	523	524	513	505	497	496	464	424
08/07/2015	CST	388	370	358	350	356	376	409	447	473	492	521	536	545	555	570	581	592	597	584	560	534	523	492	452
08/08/2015	CST	414	392	379	371	366	389	374	401	436	471	499	518	523	529	535	546	558	563	559	543	517	512	478	438
08/09/2015	CST	400	390	388	362	357	357	354	375	402	429	451	470	487	495	501	512	523	534	535	529	512	512	471	419
08/10/2015	CST	388	369	358	353	355	377	412	452	477	500	519	528	542	554	556	569	593	587	591	578	559	556	508	451
08/11/2015	CST	416	393	381	377	382	405	440	478	496	514	535	553	566	584	590	595	607	620	625	605	583	582	531	476
08/12/2015	CST	438	417	401	390	369	412	447	487	507	530	556	586	608	617	609	617	610	549	536	560	575	573	513	449
08/13/2015	CST	432	419	405	394	392	415	457	493	514	536	564	579	590	606	610	582	538	547	589	611	602	610	563	507
08/14/2015	CST	465	434	415	405	405	422	459	505	533	561	592	619	636	650	632	645	590	584	632	642	627	625	579	528
08/15/2015	CST	487	460	442	428	409	409	418	452	506	545	591	607	622	633	634	641	643	645	641	620	589	571	543	505
08/16/2015	CST	471	444	428	413	401	403	393	411	442	462	468	471	475	465	459	461	467	476	479	475	474	474	439	402
08/17/2015	CST	375	353	344	341	351	375	413	440	453	460	469	480	500	507	504	509	512	511	516	509	510	510	464	421
08/18/2015	CST	393	379	367	363	366	389	424	439	444	451	455	457	455	455	450	449	451	455	457	457	461	451	418	386
08/19/2015	CST	362	348	341	341	348	371	417	441	440	451	463	469	488	467	462	459	463	466	468	468	480	443	409	409
08/20/2015	CST	363	359	354	354	360	388	431	461	460	470	479	481	486	490	489	496	505	510	511	510	516	520	479	433
08/21/2015	CST	399	376	355	356	358	382	426	454	467	479	490	495	503	511	518	523	530	532	524	516	514	507	473	434
08/22/2015	CST	401	382	368	367	370	376	379	403	438	462	466	468	471	461	463	452	455	453	443	432	433	429	407	379
08/23/2015	CST	355	339	332	323	319	322	331	350	385	410	422	433	435	432	430	431	435	446	446	446	451	444	411	380
08/24/2015	CST	359	349	342	340	349	374	421	450	454	465	480	484	483	480	475	474	472	470	466	469	478	468	422	391
08/25/2015	CST	368	353	349	347	356	384	432	459	463	468	473	476	478	474	471	481	487	489	492	489	487	477	439	405
08/26/2015	CST	379	369	365	362	366	386	442	474	470	473	477	480	488	489	485	487	489	495	499	499	511	496	445	406

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Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date (a)	Time Zone (b)	0100 (c)	0200 (d)	0300 (e)	0400 (f)	0500 (g)	0600 (h)	0700 (i)	0800 (j)	0900 (k)	1000 (l)	1100 (m)	1200 (n)	1300 (o)	1400 (p)	1500 (q)	1600 (r)	1700 (s)	1800 (t)	1900 (u)	2000 (v)	2100 (w)	2200 (x)	2300 (y)	2400 (z)
08/27/2015	CST	381	368	360	356	363	363	438	470	470	473	478	487	501	509	510	514	517	518	519	518	530	519	472	426
08/28/2015	CST	397	378	369	361	362	366	435	470	473	480	496	509	524	541	547	558	564	560	544	523	525	509	469	428
08/29/2015	CST	396	382	370	364	365	368	379	395	426	451	468	480	488	492	493	499	508	506	507	501	510	500	463	421
08/30/2015	CST	384	373	363	358	355	358	362	377	409	439	461	489	514	534	545	560	572	584	577	565	570	552	499	445
08/31/2015	CST	410	392	374	366	369	389	444	485	495	513	536	551	563	574	573	580	549	549	547	540	546	529	469	417
09/01/2015	CST	387	370	361	354	357	379	435	462	463	481	501	527	547	562	573	591	602	602	601	583	583	561	503	452
09/02/2015	CST	417	398	384	376	379	402	462	494	495	516	543	563	580	593	602	620	634	637	627	614	616	591	533	479
09/03/2015	CST	442	419	405	397	398	426	489	529	525	538	555	576	592	615	633	647	659	641	635	628	635	595	537	482
09/04/2015	CST	443	416	400	389	385	402	464	505	521	542	553	556	550	541	538	532	521	518	505	493	499	484	456	421
09/05/2015	CST	391	371	358	350	350	354	364	382	424	457	481	497	501	503	498	497	493	492	487	479	482	467	436	408
09/06/2015	CST	375	361	352	346	342	338	344	363	394	428	451	460	460	462	464	471	471	477	470	460	450	435	398	367
09/07/2015	CST	338	323	322	319	318	324	334	349	384	414	435	451	454	449	442	444	444	450	461	464	478	449	398	358
09/08/2015	CST	333	320	320	319	326	357	425	447	440	445	454	463	463	472	466	465	461	465	469	468	485	461	415	393
09/09/2015	CST	360	347	343	341	347	379	441	468	457	422	408	413	428	437	443	449	449	455	458	474	487	464	418	381
09/10/2015	CST	359	346	341	338	344	344	375	472	456	440	448	446	447	446	439	440	445	444	449	461	478	458	417	386
09/11/2015	CST	365	354	347	346	352	377	450	480	468	465	464	450	449	449	443	438	447	452	443	443	463	450	422	390
09/12/2015	CST	369	358	351	349	352	361	375	401	429	440	442	439	439	437	429	427	429	435	435	439	455	438	408	379
09/13/2015	CST	360	349	338	335	335	335	347	368	394	411	422	434	448	455	461	475	490	509	516	519	535	501	449	408
09/14/2015	CST	380	363	350	339	340	366	433	463	453	456	463	470	472	476	481	491	502	508	509	510	527	491	432	394
09/15/2015	CST	384	367	357	353	359	383	482	489	468	468	478	493	500	511	514	511	514	524	523	516	527	511	463	422
09/16/2015	CST	389	372	360	348	352	376	443	473	453	453	453	454	470	466	488	496	505	514	513	519	532	497	441	394
09/17/2015	CST	367	357	346	342	344	369	485	459	442	442	444	448	452	455	447	446	449	446	447	452	467	439	408	380
09/18/2015	CST	358	344	336	333	337	360	425	452	436	438	442	438	436	434	424	424	427	417	411	413	425	412	385	370
09/19/2015	CST	351	340	335	332	335	344	363	387	414	425	419	412	410	409	407	412	415	422	425	435	446	428	401	369
09/20/2015	CST	321	310	303	300	300	304	317	336	375	392	401	421	429	432	433	441	449	467	471	480	490	457	411	374
09/21/2015	CST	353	342	336	337	346	371	438	467	460	463	476	487	495	506	515	521	514	529	544	551	556	514	455	407
09/22/2015	CST	377	359	347	342	347	371	439	467	453	448	431	443	453	453	443	442	442	446	454	474	481	452	409	374
09/23/2015	CST	349	339	337	336	346	373	444	479	456	455	453	447	450	452	448	447	451	460	466	482	483	458	413	369
09/24/2015	CST	350	340	335	334	339	365	432	470	444	447	451	456	459	456	453	450	448	456	465	483	493	470	427	389
09/25/2015	CST	362	347	337	333	338	364	427	465	452	454	460	469	474	482	481	484	493	491	479	481	487	467	435	399
09/26/2015	CST	377	360	350	349	354	362	379	394	427	446	457	471	476	474	479	487	489	487	479	484	486	462	430	400
09/27/2015	CST	372	352	337	331	330	337	364	375	401	423	437	445	428	424	433	453	467	478	478	490	479	440	416	376
09/28/2015	CST	362	343	340	343	353	382	447	487	470	466	467	471	467	468	465	465	467	470	473	490	491	467	426	390
09/29/2015	CST	370	361	354	355	365	400	475	510	485	461	425	414	416	413	406	408	411	413	423	446	453	433	391	358
09/30/2015	CST	360	344	342	342	346	377	447	480	459	454	450	445	439	439	435	436	440	448	454	476	476	449	407	369

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Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)
10/01/2015	CST	360	343	338	337	343	372	441	470	448	447	451	442	439	442	441	439	439	440	452	480	478	454	417	387
10/02/2015	CST	366	358	357	358	365	393	462	497	477	470	468	457	447	443	434	428	428	434	437	461	462	430	399	371
10/03/2015	CST	362	344	340	343	347	369	387	416	438	445	437	425	414	406	395	391	393	398	404	428	428	418	407	396
10/04/2015	CST	372	362	357	354	358	364	383	408	429	444	446	442	434	427	417	420	430	447	462	485	473	445	404	377
10/05/2015	CST	355	348	342	342	348	374	442	481	450	453	469	465	461	458	452	452	457	461	468	493	488	463	429	395
10/06/2015	CST	376	368	368	366	371	396	468	504	486	469	468	432	413	410	425	435	436	441	457	498	501	477	444	416
10/07/2015	CST	399	395	394	391	402	436	477	489	512	508	496	482	469	461	453	448	455	491	503	513	501	476	435	392
10/08/2015	CST	373	367	366	367	375	394	462	497	477	478	480	475	469	466	461	459	464	470	484	503	494	468	425	399
10/09/2015	CST	385	379	372	375	380	410	474	507	486	482	474	459	441	441	437	436	437	439	444	476	478	462	434	404
10/10/2015	CST	388	380	373	371	375	387	412	442	462	468	448	440	429	411	416	420	419	425	428	452	445	427	399	371
10/11/2015	CST	353	340	333	329	331	339	358	383	401	410	416	424	436	444	450	467	475	480	475	489	466	435	396	359
10/12/2015	CST	340	329	328	331	344	371	436	476	463	459	455	452	453	458	470	479	492	500	511	524	502	490	451	417
10/13/2015	CST	391	387	383	383	391	423	483	532	511	506	499	485	478	459	442	447	468	481	496	537	536	513	475	440
10/14/2015	CST	420	411	407	408	417	454	534	576	544	521	509	495	492	488	480	483	489	494	509	547	548	523	484	454
10/15/2015	CST	442	433	431	430	423	454	521	563	546	533	507	508	520	524	514	504	508	520	548	590	581	550	512	482
10/16/2015	CST	471	466	464	465	474	502	565	606	600	595	594	583	571	559	547	535	530	528	557	582	574	558	529	499
10/17/2015	CST	479	465	462	460	466	487	518	563	565	563	552	542	522	506	486	476	476	482	508	537	535	522	502	481
10/18/2015	CST	467	458	459	455	456	463	483	518	539	539	525	509	495	479	470	462	463	478	503	533	521	495	458	420
10/19/2015	CST	400	402	409	412	421	457	531	573	555	522	515	518	504	498	487	478	485	498	519	548	541	516	477	445
10/20/2015	CST	426	418	416	419	429	460	512	557	530	519	510	502	490	480	471	466	472	481	507	539	525	499	455	422
10/21/2015	CST	403	395	395	393	403	435	508	554	534	528	524	513	502	492	480	475	478	480	499	529	526	506	472	447
10/22/2015	CST	434	429	426	424	428	463	539	577	548	537	521	497	475	466	457	455	456	457	486	513	503	482	447	419
10/23/2015	CST	418	408	406	404	411	435	485	525	517	515	515	510	504	500	491	488	494	495	506	506	491	471	447	418
10/24/2015	CST	403	395	390	392	395	409	433	462	476	487	478	461	439	421	409	404	406	409	440	465	457	443	421	399
10/25/2015	CST	389	387	384	385	388	402	425	457	474	479	472	467	457	442	436	453	462	482	522	549	530	503	477	451
10/26/2015	CST	435	433	434	442	457	487	564	613	589	572	564	552	541	529	519	519	527	542	571	577	568	551	515	480
10/27/2015	CST	460	448	444	444	448	485	557	592	576	566	556	541	526	514	506	503	510	521	547	557	546	521	481	452
10/28/2015	CST	436	435	433	444	463	499	571	619	603	597	596	588	580	594	588	584	593	613	636	631	616	591	550	515
10/29/2015	CST	492	482	476	472	478	508	573	610	591	583	581	560	546	554	551	554	557	566	586	586	572	549	517	486
10/30/2015	CST	469	459	454	460	471	502	568	615	598	590	572	546	524	515	509	505	497	496	530	542	537	524	502	476
10/31/2015	CST	449	441	440	442	445	458	481	510	528	542	541	531	524	516	508	502	503	503	500	496	489	477	455	433
11/01/2015	CST	420	408	403	399	405	415	433	462	488	516	515	512	513	505	491	478	475	480	539	556	551	533	514	479
11/02/2015	CST	438	423	423	427	435	456	505	585	604	562	549	538	518	503	500	505	504	510	535	554	544	522	497	483
11/03/2015	CST	455	439	423	417	418	433	470	543	577	552	525	507	502	497	495	489	482	495	530	546	537	520	495	460
11/04/2015	CST	429	408	398	399	405	419	455	527	545	519	515	514	508	502	502	499	501	509	533	537	521	498	475	441

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Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)
11/05/2015	CST	412	398	391	391	393	408	445	518	549	529	534	537	536	539	544	541	547	566	596	601	594	577	548	510
11/06/2015	CST	477	457	449	443	444	452	487	553	582	567	565	535	522	513	504	500	504	528	574	573	564	555	533	504
11/07/2015	CST	479	482	454	449	451	461	480	498	518	524	513	503	501	487	468	459	459	462	515	536	533	530	527	507
11/08/2015	CST	487	472	464	447	454	464	484	501	511	518	511	488	475	467	452	441	441	460	514	534	518	503	492	474
11/09/2015	CST	452	444	442	444	447	467	506	572	599	565	552	539	522	509	492	488	490	503	549	567	561	545	518	468
11/10/2015	CST	432	418	415	429	430	450	489	556	576	548	540	539	535	526	519	519	534	552	590	592	581	559	537	502
11/11/2015	CST	475	458	454	452	455	466	497	552	585	585	590	591	593	586	585	580	590	610	631	621	609	595	567	529
11/12/2015	CST	499	484	480	477	477	493	527	594	630	611	612	601	594	588	588	589	598	621	651	650	636	621	579	500
11/13/2015	CST	471	454	470	486	493	505	552	622	649	615	595	572	561	541	523	518	521	542	592	604	595	577	559	533
11/14/2015	CST	513	497	482	477	477	481	497	521	542	548	545	536	515	493	471	457	456	464	510	524	524	518	504	482
11/15/2015	CST	464	456	453	449	453	457	474	476	472	477	484	492	486	475	464	453	452	468	524	535	530	511	485	453
11/16/2015	CST	430	420	420	419	420	431	470	544	583	550	541	539	535	526	523	517	516	528	547	545	535	514	488	457
11/17/2015	CST	423	395	391	392	399	412	450	524	560	531	524	523	527	525	522	525	534	553	576	579	569	552	522	486
11/18/2015	CST	458	448	443	445	450	461	497	553	575	556	545	521	518	523	531	530	538	566	600	608	614	610	594	562
11/19/2015	CST	535	521	520	515	514	524	567	640	677	656	654	649	640	635	634	630	628	652	690	694	690	681	649	616
11/20/2015	CST	587	572	562	564	569	586	619	676	711	678	665	650	631	615	609	602	613	643	684	685	677	669	639	636
11/21/2015	CST	612	595	595	596	598	605	624	645	669	678	666	642	628	611	605	595	594	615	653	649	648	644	637	621
11/22/2015	CST	607	595	596	596	587	591	603	627	616	620	618	637	639	619	582	583	578	594	637	643	639	613	581	548
11/23/2015	CST	521	508	493	499	506	521	557	633	670	641	620	605	598	588	582	579	583	597	623	625	651	630	605	566
11/24/2015	CST	535	519	513	514	520	533	572	642	672	639	612	592	587	574	564	556	564	584	626	626	629	637	603	582
11/25/2015	CST	522	504	504	499	499	508	535	593	622	611	621	626	623	623	622	630	637	635	652	649	680	663	643	616
11/26/2015	CST	590	572	563	557	556	560	575	596	626	627	648	654	639	600	570	553	551	572	606	616	620	623	616	601
11/27/2015	CST	589	582	583	585	588	599	621	653	689	683	659	642	625	613	587	581	584	618	682	681	682	675	666	639
11/28/2015	CST	619	602	594	593	591	595	613	631	636	611	616	606	581	560	550	540	546	575	623	630	630	623	615	592
11/29/2015	CST	579	572	567	565	565	571	581	597	621	630	623	600	593	574	561	546	554	570	613	614	643	622	597	566
11/30/2015	CST	541	528	513	509	510	525	562	635	671	643	632	627	619	606	602	588	590	621	634	636	635	621	593	551
12/01/2015	CST	558	527	517	513	513	523	553	623	633	601	585	579	608	592	594	594	603	629	638	638	628	616	588	553
12/02/2015	CST	566	528	518	516	522	544	584	658	667	629	587	566	548	578	564	550	563	606	633	640	643	641	625	588
12/03/2015	CST	622	603	593	583	569	584	619	687	689	626	596	570	535	557	528	515	536	581	622	621	622	618	604	574
12/04/2015	CST	598	576	565	563	565	575	600	670	682	654	625	590	567	585	560	550	563	596	619	614	605	593	577	545
12/05/2015	CST	554	523	500	478	472	474	490	520	532	545	549	548	525	534	512	502	502	524	546	552	562	560	550	530
12/06/2015	CST	558	540	530	523	521	527	537	557	559	564	548	532	523	550	527	510	517	556	595	599	600	589	566	534
12/07/2015	CST	555	532	521	516	515	526	561	627	640	612	598	575	555	581	559	547	555	596	614	600	596	589	570	528
12/08/2015	CST	540	512	496	495	497	503	539	609	621	592	575	565	556	589	563	552	558	581	594	591	589	587	568	526
12/09/2015	CST	544	526	519	515	512	520	558	629	638	605	591	583	559	585	556	540	544	572	582	569	564	561	543	507

**Annual Electric Balancing Authority Area and Planning
Area Report**

Utility Code: 12658
Utility Name: Minnkota Power Cooperative, Inc.

For the Year Ending December 31, 2015

Part III - Schedule 2. Planning Area Hourly Demand (continued)

Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)	
12/10/2015	CST	511	483	471	467	465	456	462	531	553	532	523	514	505	541	542	544	580	614	616	607	604	593	573	537	
12/11/2015	CST	553	524	509	501	496	502	540	605	622	600	588	588	589	630	619	609	610	630	621	609	593	578	561	532	
12/12/2015	CST	550	516	498	493	490	492	505	529	543	564	568	563	553	584	563	555	557	561	567	578	570	559	542	515	
12/13/2015	CST	538	515	500	492	491	492	499	519	531	551	556	556	555	591	575	565	571	598	616	617	617	608	590	565	526
12/14/2015	CST	537	513	498	489	492	504	540	619	637	613	610	617	619	661	649	639	647	672	678	678	668	648	621	575	
12/15/2015	CST	597	570	556	551	547	555	588	660	663	616	606	602	597	641	627	610	611	651	656	658	655	645	623	582	
12/16/2015	CST	610	586	568	563	548	552	578	632	630	603	593	577	572	616	613	616	623	655	663	665	657	649	633	604	
12/17/2015	CST	639	608	581	580	572	585	623	695	707	685	677	671	667	718	715	713	717	748	743	743	737	725	705	663	
12/18/2015	CST	703	672	659	652	648	656	683	745	755	740	727	709	693	743	724	717	726	755	751	749	741	737	727	699	
12/19/2015	CST	754	727	709	698	691	687	693	714	701	714	716	703	693	747	720	702	696	719	712	706	691	679	657	624	
12/20/2015	CST	664	632	606	588	576	569	577	600	603	620	625	621	618	665	645	637	655	686	697	696	694	681	659	618	
12/21/2015	CST	651	622	605	598	595	601	633	702	714	695	688	680	665	705	692	687	688	713	707	709	708	698	671	626	
12/22/2015	CST	653	622	606	597	593	596	621	684	686	661	650	633	628	671	654	646	648	665	664	657	646	630	587	538	
12/23/2015	CST	554	537	520	515	525	533	566	618	629	614	607	613	611	656	644	636	651	678	683	684	680	674	658	628	
12/24/2015	CST	672	625	596	594	615	621	639	671	706	718	721	700	671	648	625	603	622	664	688	693	683	678	671	655	
12/25/2015	CST	612	573	575	579	576	580	586	599	618	632	640	633	617	593	575	559	571	595	626	626	627	629	624	613	
12/26/2015	CST	600	592	592	594	592	596	609	634	628	655	674	681	666	714	693	679	676	702	713	718	716	710	699	679	
12/27/2015	CST	742	719	703	696	692	685	702	716	695	706	701	684	670	729	699	662	644	691	726	733	747	743	733	702	
12/28/2015	CST	757	734	720	714	717	722	744	790	779	780	780	760	735	785	759	740	739	761	757	753	744	729	703	666	
12/29/2015	CST	707	676	658	648	642	649	673	718	717	713	720	717	705	756	720	708	735	750	749	744	734	721	696	655	
12/30/2015	CST	697	663	645	636	631	634	658	705	707	702	701	691	665	706	693	659	661	691	714	716	708	701	679	643	
12/31/2015	CST	687	660	647	642	638	645	668	711	706	704	704	688	666	704	686	656	652	686	706	697	680	663	647	625	

**Annual Electric Balancing Authority Area and Planning
 Area Report**
For the Year Ending December 31, 2015

Utility Code: 12658
 Utility Name: Minnesota Power Cooperative, Inc.

Part III - Schedule 2. Forecast Summer and Winter Peak Demand and Annual Net Energy for Load

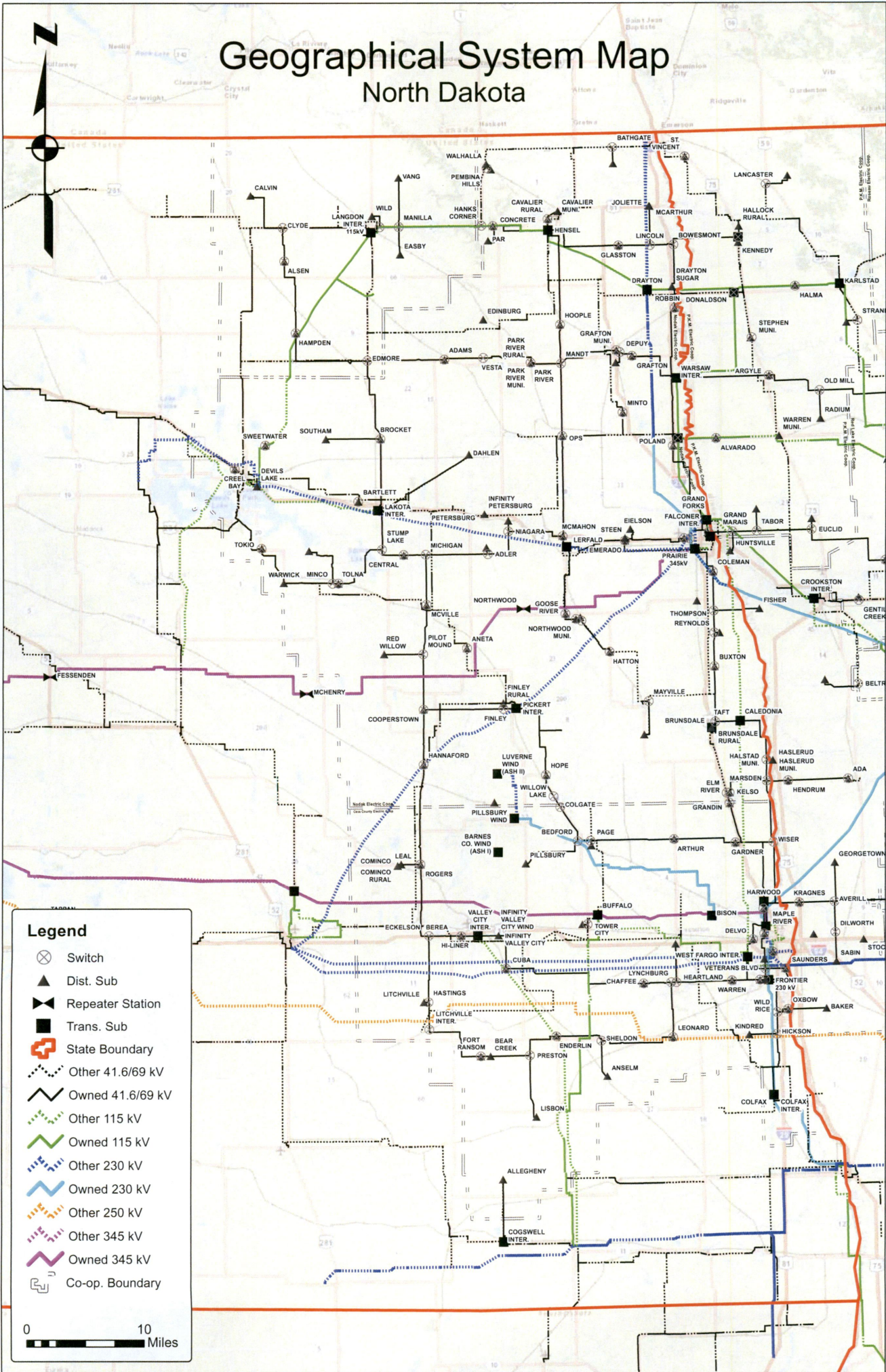
Provide the planning area's forecast summer and winter peak demand, in megawatts, and annual net energy for load, in megawatthours, for the next ten years.

Line No (a)	Year (b)	Summer Forecast (MW) (c)	Winter Forecast (MW) (d)	Forecast of Annual Net Energy for Load (MWh) (e)
1	2016	647	1,037	4,738,058
2	2017	661	1,059	4,843,241
3	2018	676	1,082	4,942,013
4	2019	690	1,104	5,047,781
5	2020	704	1,127	5,153,793
6	2021	719	1,150	5,260,358
7	2022	733	1,172	5,367,338
8	2023	748	1,195	5,474,633
9	2024	762	1,218	5,582,475
10	2025	777	1,241	5,691,009

EXHIBIT III

Minnkota Power Cooperative Electric System Maps

Geographical System Map North Dakota

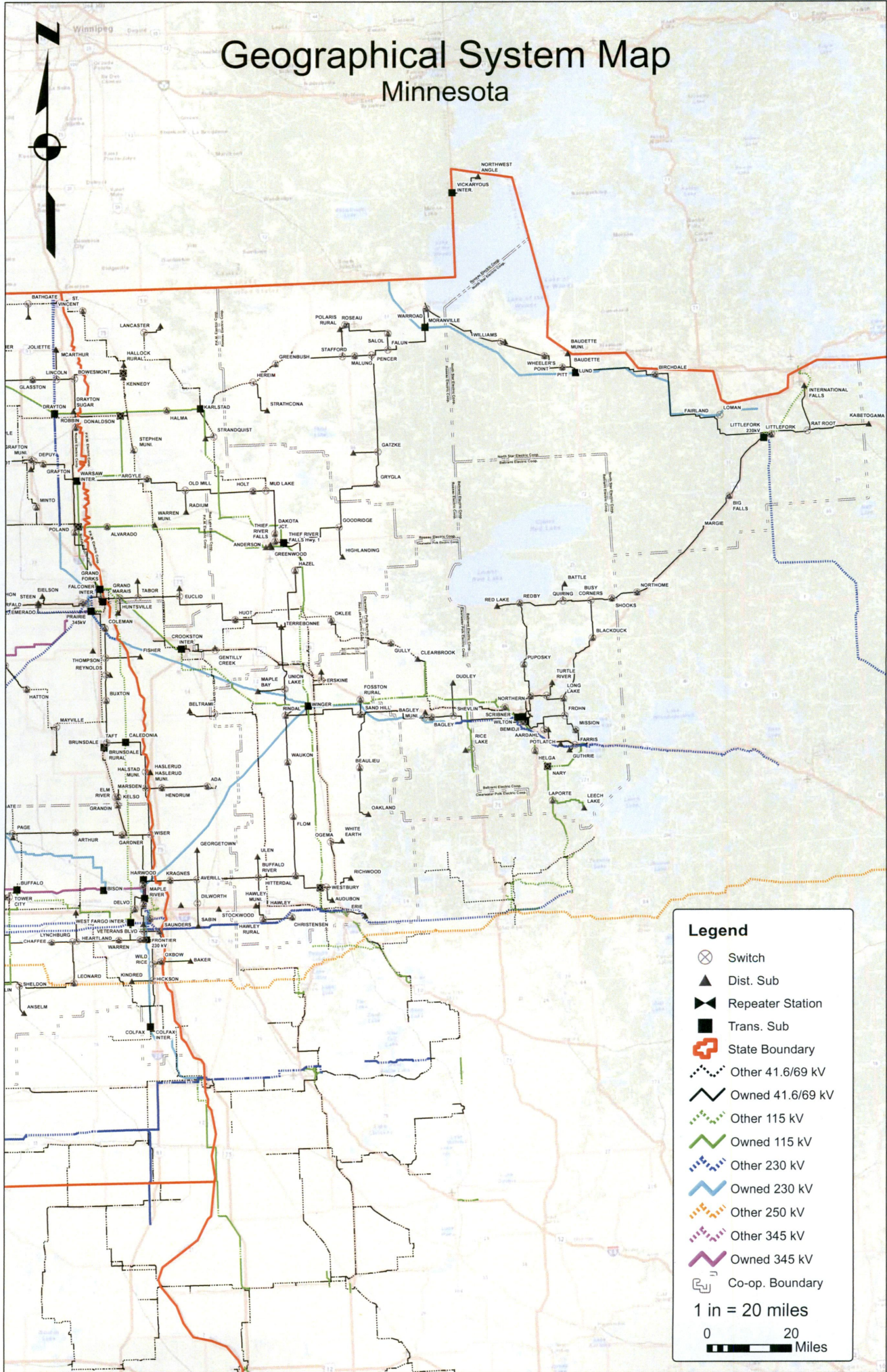


Legend

- ⊗ Switch
- ▲ Dist. Sub
- ◀▶ Repeater Station
- Trans. Sub
- ▭ State Boundary
- ⋯ Other 41.6/69 kV
- Owned 41.6/69 kV
- ⋯ Other 115 kV
- Owned 115 kV
- ⋯ Other 230 kV
- Owned 230 kV
- ⋯ Other 250 kV
- Owned 250 kV
- ⋯ Other 345 kV
- Owned 345 kV
- ⌚ Co-op. Boundary



Geographical System Map Minnesota



Legend

- ⊗ Switch
- ▲ Dist. Sub
- ▶ Repeater Station
- Trans. Sub
- ⊕ State Boundary
- ⋯ Other 41.6/69 kV
- Owned 41.6/69 kV
- ⋯ Other 115 kV
- Owned 115 kV
- ⋯ Other 230 kV
- Owned 230 kV
- ⋯ Other 250 kV
- Owned 250 kV
- ⋯ Other 345 kV
- Owned 345 kV
- ⊞ Co-op. Boundary

1 in = 20 miles

