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**JUN 22 2009**

June 19, 2009

**PUBLIC SERVICE COMMISSION**

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.



Dale Sollom  
Planning Manager

Enclosure

# **TEN-YEAR PLAN**

**MINNKOTA POWER COOPERATIVE, INC.  
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  
PLANNING DEPARTMENT

**July 2009**

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# **MINNKOTA POWER COOPERATIVE, INC.**

## **TEN-YEAR PLAN**

### **INTRODUCTION**

Minnkota Power Cooperative, Inc. 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 115,000 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 Unit #1 plant, a 250,000 kW lignite-fired steam generator located near Center, North Dakota. Minnkota owns or leases another 34,570 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 203,800 kW from Square Butte Electric Cooperative's Milton R. Young Unit #2. Minnkota's share of Young #2 increases to 227,500 kW beginning January 1, 2009.

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

Minnkota has 25-year Power Purchase Agreements for 139,500 kW from a wind project located near Langdon, ND and 148,500 kW from a wind project located near Pillsbury, ND. Minnkota has also executed another Power Purchase Agreement for an additional 69,000 kW from the wind farm located near Pillsbury, ND, which will be in-service by December 31, 2009.

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.

**MINNKOTA POWER COOPERATIVE, INC.**  
**Ten-Year Plan**

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)

1. See Exhibit II and Exhibit III
2. See Exhibit IV
3. None

SECTION F: Existing Transmission Facilities (Pipeline)

None

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

Minnkota is planning to construct a 225 mile 345 kV transmission line from Center to Grand Forks by January 1, 2013. The line is needed to deliver the output of the existing Milton R. Young Unit 2 generating plant. The output of Young #2 is presently delivered over the Square Butte D.C. line that runs from Center, ND to near Duluth, MN. The new 345 kV line is needed because the capacity of the D.C. line will be utilized to deliver power from existing and future wind farms in the Center, ND area starting in the 2013 time frame. The new 345 kV line may be a double circuit design which, along with other transmission additions, may be utilized to deliver the output of several wind projects that have been proposed along the route of the line. The exact configuration, route, and sizing of the proposed line and any additional transmission additions will not be known until transmission studies have been completed and generation interconnection agreements have been executed.

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)

None

SECTION J: Regional coordination

Facilities proposed and committed by Minnkota are coordinated with members of the Mid-Continent Area Power Pool (MAPP). Minnkota participates on various MAPP Subcommittees and working groups that review and approve generation additions, transmission adequacy, and reliability improvements. The MAPP Transmission Planning Subcommittee, which coordinates MAPP's ten-year plan, has four sub-regional working groups whose primary purpose is to perform coordinated transmission planning. Minnkota is a member of the Northern MAPP Sub-Regional Working Group. Minnkota generation and transmission facility additions also require approval of MAPP's Design Review Subcommittee. Minnkota also coordinates its planning efforts with other area utilities by participating in or leading ad-hoc group studies involving local planning issues.

SECTION K: Environmental information

Minnkota Power Cooperative, Inc., is a borrower from the Rural Utilities Services of Washington, D.C. In accordance with national policy as stated in the National Environmental Policy Act and elsewhere, the policies, plans and programs of the Rural Electrification Administration and its borrowers are conducted so as to meet national environmental goals in accordance with the law, Executive Orders, and Guidelines of the Council of Environmental Quality.

The stated purpose of the National Environmental Policy Act is to declare a national policy which will encourage an enjoyable harmony between man and his environment; to promote efforts which will prevent or eliminate damage to the environment and biosphere and stimulate the health and welfare of man; to enrich the understanding of the ecological systems and natural resources important to the nation; and to establish a Council on Environmental Quality.

The Act requires the preparation of a detailed Environmental Statement in connection with every major Federal action significantly affecting the quality of human environment, and requires that such environmental statements shall be made available to the President, the Council on Environmental Quality, and to the public and shall accompany the proposal through agency review processes.

The Rural Utilities Services includes in its loan contracts entered into since passage of the Act, 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 quality of the human 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 the National Environmental Policy Act and with the guidelines set jointly by the United States Department of Interior and Agriculture entitled "Environmental Criteria for Electric Transmission Lines".

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 choose 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 place the lines in a manner to be least visible to the general public. This includes such things as, where feasible, staying away from heavily traveled roads, screening road crossings, screening 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 and all comments are answered. Private land use and potential use is considered to either avoid irrigatable 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 1998-1999 winter peak demand was 675,000 kW as compared to 883,000 kW for the 2008-2009 winter season. Minnkota has projected a 2018-2019 winter peak demand of 1,088,000 kW.

Beginning with relatively modest efforts in 1973, Minnkota and the twelve associated rural electric distribution cooperatives have developed a comprehensive program of load management. This program is comprised of three concurrent efforts: (1) incentive wholesale and retail rates, (2) promotion of use of dual oil/electric space heating systems and (3) a positive, reliable control method that is made available to all consumers. Major goals of substantial annual system load factor improvement,

furnishing of economical electric energy and conservation of oil and propane by substituting coal-derived electrical energy are being realized. The strong consumer endorsement of the cooperative's load management program indicates that a continued significant growth in off-peak electric energy consumption will occur and that there will be a reduction of dependence upon foreign produced oil as a result.

In 1976 Minnkota drastically changed its rate structure from billing on dollars per kW per month of demand to billing on a 100% ratcheted demand on the demand recorded at the time of Minnkota's annual winter peak. This has had the effect of inducing the management of each of the 11 member distribution cooperatives to devise every possible method to keep loads off Minnkota's annual winter peak.

This billing concept on the part of Minnkota is having the effect of slowing down demand growth while not substantially affecting energy growth.

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
Small Diesels	34,570
Milton R. Young Unit #1	250,000
Milton R. Young Unit #2 (Minnkota share)	227,500
Coyote (Minnkota share)	128,100
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	<u>69,000</u>
	1,082,470

Minnkota is a member of the Mid-Continent Area Power Pool (MAPP) that has a large amount of winter surplus capacity from which to purchase reserve and peaking capacity. Minnkota also has 242,000 kW of transmission capability on the interconnection tie lines to Manitoba Hydro in Canada. Minnkota will purchase from MAPP or Manitoba Hydro to satisfy any future generation capacity deficiencies.

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. The transportation system that Minnkota will rely upon will be the high voltage electrical network in North Dakota.

**EXHIBIT I**

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



U.S. Department of Energy  
Energy Information Administration  
Form EIA-923 (2003)

Power Plant Operations  
Report

Form Approved  
OMB No. 1901-0120  
Approval Expires 12/31/2010

**SCHEDULE 1. ANNUAL ENVIRONMENTAL INFORMATION**

SCHEDULE 1, PARTS A through F are filed annually and must be reported by steam-electric, engine-driven power plants with a total steam turbine capacity of 100 megawatts and above (only plants that reported boiler-level consumption on SCHEDULE 1, Part A). All steam-electric, engine-driven power plants with a total steam turbine capacity of 10 megawatts and above are responsible for filing Schedules 1, Parts C, E, and F. Annual data are due by March 30 following the reporting year.

**SCHEDULE 1, PART A. ANNUAL BYPRODUCT DISPOSITION**

(Instructions for SCHEDULE 1 PART A are on page 1-6)

Enter the quantity of combustion byproducts for the year by type of disposal (in million U.S. Gallons liquid). Report sales of steam in million Btu (MMBtu). If actual data are not available, provide an estimated value.

NO BYPRODUCTS

Byproduct	On-Site Liquids	Disposed		Sale or Beneficial Use			Storage		Total
		On-site Pounds	Off-site	Sold	Used On-site	Used Off-site	Stored On-site	Stored Off-site	
Fly ash from standard boiler/FGD units	89.9	102.2							17.1
Fly ash from units with dry FGD									
Fly ash from FBC units									
Bottom ash from standard boiler units	29.9			89.6	340	36.3			190.2
Bottom (bed) ash from FBC units									
FGD Gypsum									
Other FGD byproducts		116.4							116.4
Ash from coal gasification (IGCC) units									
Other (specify via footnotes on Schedule 9)									
Steam Sales (MMBtu)									

**SCHEDULE 2, PART B. FINANCIAL INFORMATION**  
(Instructions for SCHEDULE 2 PART B are on page 13.)

If actual data are not available, provide an estimated value.

**Operating and Maintenance (O&M) Expenditures During Year (Thousands Dollars)**

Type	(1) Fly Ash	(2) Bottom Ash	(3) Flue Gas Desulfurization	(4) Water Pollution Abatement	(5) Other Pollution Abatement	(6) Total (1+2+3+4+5)
Collection	1,515	1,013	4,625	846	0	7,999
Disposal	1,057	145	1,019	0	0	2,221
Other	0	0	0	0	1,314	1,314

**Capital Expenditures for New Structures and Equipment During Year, Excluding Land and Interest Expenses (Thousands Dollars)**

Type	(7) Air Pollution Abatement	(8) Water Pollution Abatement	(9) Solid/Controlled Waste	(10) Other Pollution Abatement
Amount	34,423	0	2,172	0

**Byproduct Sales Revenue During Year (Thousands Dollars)**

Type	(11) Fly Ash	(12) Bottom Ash	(13) Fly and Bottom Ash Solid Incineration	(14) Flue Gas Desulfurization Byproducts	(15) Other Byproduct Revenue	(16) Total (11+12+13+14+15)
Amount	0	338	0	0	0	338

**SCHEDULE 5. PART C. BOILER INFORMATION: NITROGEN OXIDE EMISSIONS CONTROLS**  
 (Instructions for SCHEDULE 5 PART C are on page 14)

Complete a separate row for each boiler.  
 Note: The Boiler ID must match the Boiler ID as reported on Form EIA-923, "Annual Boilers Operation Report".

No NOx Controls

Boiler ID	NOx Control in Service (Owner)	NOx Emission Rate (lb/MMBtu)	
		Ratio Year	MoY Through September
01	0.37	0.60	0.60
02	0.38	0.60	0.60

**Add Equipment**  
 To add a new Equipment ID not on the drop down list, click "Add Equipment" and a generic ID will be generated and appear on your drop down list. Click EIA923, EIA923, and then the new Equipment ID. EIA will prompt you to update that generic ID to an actual ID.

U.S. Department of Energy  
Energy Information Administration  
Form EIA-923 (2003)

Power Plant Operations  
Report

Form Approved  
OMB No. 4902-0027  
Approved Expires 12/31/2010

**SCHEDULE 6, PART D. COOLING SYSTEM INFORMATION, ANNUAL OPERATIONS**  
(Instructions for SCHEDULE 6 PART D are on page 14.)

Note: Cooling System ID must match the ID as reported on Form EIA-901, "Annual Electric Generation Report."  
Complete a separate row for each cooling system.

Cooling System ID	Status	Annual Amount of Cooling Water (1000 Gal)	Average Annual Rate of Cooling Water (a) (MGD)		Minimum Cooling Water Temperature at Inlets (°F)		Minimum Cooling Water Temperature at Discharge Outlet (°F)	
			Withdrawn	Discharge	Water Peak Month	Seasonal Peak Month	Water Peak Month	Seasonal Peak Month
CS1	OP	16.40	233.2	233.2	78.0	80.0	97.0	109.0
CS2	OP	30.50	539.3	539.3	79.0	80.0	99.0	110.0

**Add Equipment**

To add a new Equipment ID not on the drop down list, click "Add Equipment" and a generic ID will be assigned and appear on your drop down list. Choose EIA923, WARD, etc. for the new Equipment ID. EIA will contact you to update this generic ID to an actual ID.

**SCHEDULE PART E. FLEET GAS PARTICULATE COLLECTION INFORMATION**  
(Instructions for SCHEDULE PART E are on page 17)

Complete a separate row for each fleet gas particulate collector.

Does not Apply

Removal Efficiency of Particulate Matter (measured 0.1µm by weight)

Fleet Gas Particulate Collector ID	Status	Rem. In. Depth	Typical Particulate Emission Rate		At Annual Operating Factor	At 100% Load or Tested Efficiency	Date of Most Recent Efficiency Test (e.g., 12/2010)
			lb/MMBtu	lb/MMBtu (lb/MMBtu)			
001	OP	1.5M	0.01	21	99.9	99.9	6-2012
002	OP	1.5M	0.01	21	99.9	99.9	6-2012

Add Equipment

To add a new Equipment ID not on the fleet form list, click "Add Equipment" and a generic ID will be assigned and appear on your fleet form list. Click on HANDLE, and fill in the new Equipment ID. EIA will contact you to update the generic ID to an actual ID.

**SCHEDULE B, PART F. FLUE GAS DESULFURIZATION UNIT INFORMATION, ANNUAL OPERATIONS**  
(Instructions for SCHEDULE B PART F are on page 10)

Note: Flue Gas Desulfurization ID must match the ID as reported on Form EIA-901, "Annual Electric Generation Report."  
Complete a separate row for each Flue Gas Desulfurization Unit.

Does not Apply

Flue Gas Desulfurization Unit ID	FGD Unit State	Hours in Service	Quantity of FGD Sulfur Dioxide (in million tons)		Electrical Energy Consumed (MWh)	Annual Efficiency of Sulfur Dioxide (percent 0.1 MWh <sup>-1</sup> )		Date of Most Recent Efficiency Test (i.e., 12-2005)
			0.1 (thousand tons)	1 (thousand tons)		At Annual Operating Factor	At 100% Load or Turbine Efficiency	
02020	CP	8389	130.1	320.8	78.2	78.2	12-2008	

**OPERATION AND MAINTENANCE EXPENDITURES DURING YEAR, EXCLUDING ELECTRICITY (THOUSAND DOLLARS)**

Flue Gas Desulfurization Unit ID	Fuel Materials and Chemicals		Labor and Supervision	Waste Disposal	Maintenance, Materials and All Other Costs	Total
	3,200	555				
FGD2	3,200	555	1,019	870	5,644	

**Add Equipment**

To add a new Equipment ID not on the Army down list, click "Add Equipment" and a generic ID will be assigned and appear on your Army down list. Choose EIA001, EIA002, etc. for the new Equipment ID. EIA will restrict you to update this generic ID to an actual ID.



**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, 2008

Form Approved  
OMB Numbers: 1902 - 0140  
(Expires: 10-31-2009)

## 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)
  - Part II: Planning Area (Complete Parts I, III, 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:

[ X ] 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: Cameron Korynta  
Title: Energy Marketer  
E-mail address: ckorynta@minnkota.com

Telephone #: 701-795-4429 Ext:

5. Certifying Official:

Name: Cameron Korynta  
Title: Energy Marketer  
Date: 06/17/2009

This report is an  Original  Revised Filing

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

**For the Year Ending December 31, 2008**

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.	75	122	
2	Cass County Electric Coop.	145	219	
3	Cavalier Rural Electric Coop.	9	9	
4	Clearwater Polk Electric Coop.	13	22	
5	Nodak Electric Coop.	120	169	
6	North Star Electric Coop.	19	34	
7	PKM Electric Coop.	17	29	
8	Red Lake Electric Coop.	22	35	
9	Red River Electric Coop.	22	40	
10	Roseau Electric Coop.	28	44	
11	Wild Rice Electric Coop.	44	74	
12	Northern Municipal Power Agency	72	95	
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

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

For the Year Ending December 31, 2008

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

**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 366 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)
01/01/2008	CST	673	669	653	656	670	683	657	666	678	671	674	661	711	687	671	671	700	701	707	699	716	702	658	695
01/02/2008	CST	677	667	661	662	670	707	747	596	615	618	639	707	761	749	743	742	694	684	688	691	688	703	697	716
01/03/2008	CST	683	663	650	632	651	651	658	669	648	648	631	600	621	601	584	589	617	639	639	627	618	627	588	607
01/04/2008	CST	578	582	557	562	571	603	666	659	652	635	621	602	636	615	590	587	610	629	634	623	613	596	566	596
01/05/2008	CST	573	559	576	575	579	588	603	596	606	599	549	506	583	590	564	558	567	520	517	548	555	528	494	513
01/06/2008	CST	489	472	466	464	468	473	503	510	524	515	495	480	515	494	475	473	499	539	553	566	554	515	483	504
01/07/2008	CST	486	480	474	475	487	523	597	611	578	582	555	535	556	538	525	526	549	573	578	568	562	526	489	503
01/08/2008	CST	483	477	477	485	501	543	624	644	618	591	565	544	583	573	566	577	603	622	628	633	624	604	564	593
01/09/2008	CST	573	582	558	559	566	603	676	686	650	639	623	603	640	623	609	609	628	645	647	636	624	595	551	572
01/10/2008	CST	549	534	523	519	523	554	624	632	603	592	585	576	619	607	599	602	624	626	616	613	637	594	552	575
01/11/2008	CST	551	537	530	525	533	566	631	600	627	607	593	578	619	606	603	606	619	620	623	613	599	581	555	583
01/12/2008	CST	558	547	540	537	540	554	580	581	600	607	593	569	596	572	551	552	581	607	617	616	610	596	570	604
01/13/2008	CST	582	562	551	544	544	552	569	564	583	589	581	575	626	611	603	609	642	659	666	695	705	690	655	697
01/14/2008	CST	686	681	682	687	698	736	792	792	740	725	702	678	715	702	684	683	705	724	734	744	746	749	708	746
01/15/2008	CST	730	721	716	712	720	748	781	740	740	752	702	678	715	702	684	683	705	696	700	689	673	640	592	608
01/16/2008	CST	583	566	560	563	572	609	681	695	674	664	648	634	685	677	670	683	718	714	689	689	722	717	687	722
01/17/2008	CST	708	703	705	723	741	753	688	650	613	592	562	527	582	582	747	732	742	728	600	557	546	660	714	733
01/18/2008	CST	715	709	711	712	724	762	735	639	644	634	705	743	793	779	767	770	649	542	525	509	499	548	586	605
01/19/2008	CST	606	604	595	598	598	582	592	599	605	604	606	603	601	604	607	610	610	775	888	862	850	829	797	777
01/20/2008	CST	773	765	765	769	773	784	800	771	781	769	741	731	775	744	723	727	758	767	776	774	760	746	705	723
01/21/2008	CST	733	722	711	703	709	731	785	744	660	640	634	617	682	767	739	723	706	743	771	757	770	749	708	742
01/22/2008	CST	725	713	702	695	698	728	788	663	629	619	643	633	695	714	705	707	691	612	627	624	626	644	723	755
01/23/2008	CST	744	735	732	735	744	780	796	660	689	668	678	675	724	753	737	734	754	637	566	524	506	568	668	797
01/24/2008	CST	780	765	760	760	767	800	800	672	686	695	705	709	759	727	696	690	704	683	662	645	631	690	671	700
01/25/2008	CST	687	675	672	671	679	710	710	669	685	681	668	645	683	660	639	638	652	630	621	639	651	647	617	653
01/26/2008	CST	635	626	623	620	625	637	661	651	653	668	647	618	638	603	577	566	581	603	628	625	621	610	582	621
01/27/2008	CST	609	600	595	590	592	601	616	608	618	610	585	561	596	566	531	512	527	558	583	580	568	544	509	526
01/28/2008	CST	506	495	491	494	506	538	612	628	594	573	562	550	579	567	559	561	576	595	619	619	615	604	592	637

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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 (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)
01/29/2008	CST	644	650	656	669	690	735	815	822	793	785	779	779	843	834	822	826	840	663	604	562	537	587	741	840
01/30/2008	CST	812	800	793	791	797	829	765	666	668	637	601	603	620	673	706	695	703	627	587	545	524	582	650	788
01/31/2008	CST	784	768	757	753	754	787	816	662	723	689	638	687	783	760	734	729	744	721	664	673	669	676	702	728
02/01/2008	CST	707	693	682	675	678	699	764	759	718	676	657	623	658	644	628	618	627	621	634	623	613	597	570	600
02/02/2008	CST	585	577	575	577	584	603	627	628	649	660	647	628	628	627	601	594	611	622	614	666	654	636	609	648
02/03/2008	CST	632	621	615	608	609	614	630	625	633	622	598	583	625	602	579	571	583	578	592	587	574	567	539	559
02/04/2008	CST	541	528	521	518	527	558	629	639	606	595	580	572	602	591	584	593	616	607	556	578	654	623	587	614
02/05/2008	CST	602	596	597	604	619	660	735	725	688	658	629	610	652	635	620	622	645	670	716	721	717	700	663	705
02/06/2008	CST	693	685	683	686	697	733	806	749	746	711	671	638	688	639	614	611	633	649	688	687	683	656	611	639
02/07/2008	CST	623	610	598	591	594	626	698	694	654	617	587	560	586	572	561	574	602	614	646	645	639	620	582	609
02/08/2008	CST	593	580	571	567	574	601	644	679	647	624	608	594	623	602	587	587	598	596	616	607	596	578	548	577
02/09/2008	CST	556	542	535	536	549	576	616	627	562	680	682	679	740	734	731	741	770	762	789	785	773	755	727	777
02/10/2008	CST	771	766	764	763	765	775	793	771	774	760	747	733	784	764	737	734	758	755	705	751	766	751	746	771
02/11/2008	CST	758	751	748	748	755	788	799	643	639	656	663	651	700	688	745	750	773	646	634	639	718	726	678	707
02/12/2008	CST	689	679	672	670	675	703	744	667	681	679	663	642	687	678	666	669	634	647	661	629	627	659	624	651
02/13/2008	CST	633	627	629	636	650	689	709	618	634	718	707	688	737	727	722	727	741	724	684	678	673	726	680	710
02/14/2008	CST	697	691	690	692	705	743	685	617	630	706	743	719	767	751	734	733	740	585	548	515	498	559	709	779
02/15/2008	CST	758	744	735	730	736	749	662	608	621	643	648	681	809	782	759	750	753	725	740	732	717	695	659	696
02/16/2008	CST	674	656	642	631	630	636	651	626	623	619	602	579	597	571	548	534	545	540	564	557	540	518	492	514
02/17/2008	CST	498	487	484	484	490	502	525	521	535	538	536	537	587	583	581	597	626	630	675	681	671	655	628	674
02/18/2008	CST	670	667	669	674	683	713	768	758	750	738	718	701	743	724	702	696	707	704	657	668	770	745	701	743
02/19/2008	CST	735	731	731	732	742	775	829	678	692	698	705	688	741	742	742	755	772	617	589	557	540	600	783	837
02/20/2008	CST	819	810	804	802	811	838	779	647	631	611	633	618	688	696	766	748	732	593	636	646	640	620	659	805
02/21/2008	CST	786	778	781	778	784	813	772	634	554	614	607	612	685	675	717	705	693	550	563	579	704	690	640	663
02/22/2008	CST	640	629	624	625	636	670	730	616	619	615	610	594	619	597	571	559	566	567	616	627	623	613	591	629
02/23/2008	CST	619	614	634	634	640	647	667	652	650	554	501	556	583	548	518	503	508	511	487	501	573	566	541	571
02/24/2008	CST	562	550	547	549	555	570	593	581	586	564	529	502	526	500	476	466	472	487	516	570	563	546	514	541
02/25/2008	CST	531	527	529	533	545	584	661	593	518	498	538	581	619	593	578	572	584	591	563	577	666	636	591	616
02/26/2008	CST	598	585	576	576	580	610	680	651	640	620	602	584	616	597	582	585	608	609	625	640	678	640	598	625
02/27/2008	CST	613	604	601	603	615	655	734	715	654	616	587	560	587	568	549	541	553	567	615	628	629	611	569	598
02/28/2008	CST	592	586	593	593	602	635	701	666	623	640	612	590	624	608	589	587	599	587	607	605	594	568	528	545
02/29/2008	CST	527	512	508	512	526	563	635	629	595	574	560	550	586	580	566	562	570	568	613	630	627	612	585	626
03/01/2008	CST	611	605	602	602	606	620	647	625	625	608	582	556	578	553	528	522	532	536	571	583	573	555	531	555
03/02/2008	CST	542	531	519	514	514	515	529	520	537	534	522	514	557	542	528	528	545	553	595	610	609	608	577	617

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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)
03/03/2008	CST	611	608	613	622	636	670	745	694	660	677	636	616	651	631	610	600	607	611	622	632	636	706	636	661
03/04/2008	CST	645	638	635	635	645	677	702	659	667	656	626	594	623	601	582	576	583	584	612	622	614	597	560	585
03/05/2008	CST	578	574	577	583	599	643	723	711	655	625	596	579	617	599	583	578	599	608	657	662	686	679	640	677
03/06/2008	CST	669	666	668	670	681	718	808	641	632	650	657	633	672	660	648	647	663	666	720	700	691	755	707	746
03/07/2008	CST	740	731	732	734	742	775	808	641	692	661	624	616	693	678	658	653	672	669	681	682	689	629	654	705
03/08/2008	CST	686	672	664	662	661	673	692	673	688	679	657	618	642	604	586	582	592	585	608	621	609	590	565	599
03/09/2008	CST	590	583	0	590	596	607	626	620	631	609	575	549	581	558	528	509	505	491	512	556	545	551	599	614
03/10/2008	CST	593	582	585	591	605	630	602	562	520	537	607	582	591	557	528	511	506	492	510	545	561	542	500	500
03/11/2008	CST	477	465	460	460	470	502	575	593	549	513	484	462	478	462	446	437	437	430	444	474	498	490	457	464
03/12/2008	CST	449	441	439	440	450	482	552	576	542	518	505	485	501	486	469	464	475	476	488	504	521	502	462	466
03/13/2008	CST	448	438	433	435	444	476	546	568	535	506	486	472	498	490	481	481	494	492	504	521	538	522	486	500
03/14/2008	CST	477	468	467	470	483	515	581	601	585	577	564	547	570	548	525	517	513	496	506	529	552	544	523	553
03/15/2008	CST	540	531	528	533	540	558	585	581	591	582	563	536	558	525	493	479	471	456	464	498	534	529	511	544
03/16/2008	CST	534	530	529	529	536	549	575	574	575	549	515	493	524	496	472	457	454	453	470	505	534	520	490	502
03/17/2008	CST	487	477	472	474	481	511	583	600	577	563	549	530	555	538	525	525	533	520	523	533	543	524	481	487
03/18/2008	CST	467	452	445	443	451	482	553	569	533	508	491	476	495	478	462	452	449	440	448	468	504	497	464	472
03/19/2008	CST	458	451	448	454	465	502	576	593	552	517	491	472	495	481	465	456	457	448	464	491	525	515	484	498
03/20/2008	CST	486	480	484	490	502	540	616	626	590	554	524	500	522	510	491	486	492	485	494	506	523	509	475	484
03/21/2008	CST	464	454	450	449	454	476	523	534	538	533	494	489	533	521	492	483	483	474	479	476	501	499	465	478
03/22/2008	CST	458	445	439	438	442	455	478	480	502	506	489	468	484	463	446	444	450	451	464	486	513	507	485	510
03/23/2008	CST	494	486	485	489	497	516	549	547	546	520	493	465	484	446	418	403	400	393	413	454	504	505	487	518
03/24/2008	CST	510	510	514	522	534	566	630	632	625	617	607	586	610	592	571	558	558	538	542	550	564	538	488	490
03/25/2008	CST	464	452	444	444	454	486	560	575	550	540	529	511	527	506	484	474	471	467	463	486	523	519	483	497
03/26/2008	CST	480	468	462	464	472	505	580	594	563	544	520	498	517	497	476	469	468	462	478	507	546	539	502	522
03/27/2008	CST	507	502	498	501	514	551	628	631	594	557	522	497	520	500	480	469	469	454	463	483	523	513	481	495
03/28/2008	CST	480	475	476	483	496	531	606	611	566	531	506	483	497	476	456	448	450	443	450	458	483	470	446	454
03/29/2008	CST	435	425	420	425	433	451	481	481	495	499	499	492	515	499	481	475	479	474	475	483	501	489	463	479
03/30/2008	CST	461	443	436	432	435	448	469	466	480	484	483	480	518	501	476	468	469	460	464	473	493	476	442	454
03/31/2008	CST	437	429	426	431	440	475	552	572	550	541	536	526	548	534	515	511	520	512	519	523	536	519	479	487
04/01/2008	CST	467	457	459	462	476	514	591	593	554	503	486	467	490	471	454	442	441	428	432	446	485	484	450	452
04/02/2008	CST	435	431	431	434	445	479	556	564	524	495	465	451	487	474	456	450	451	437	440	449	481	475	438	444
04/03/2008	CST	424	413	410	412	424	457	536	544	495	458	433	415	434	426	413	403	399	388	393	404	441	439	406	401
04/04/2008	CST	381	377	377	385	401	439	516	523	489	465	447	429	438	423	405	394	390	378	378	390	418	414	394	395
04/05/2008	CST	379	372	371	375	386	407	440	451	474	481	471	457	470	438	415	409	413	414	426	437	462	455	432	445

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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)
04/06/2008	CST	429	422	423	428	433	445	469	472	495	505	503	498	542	529	511	500	499	492	496	502	519	504	468	479
04/07/2008	CST	458	445	443	448	457	490	557	568	543	518	496	476	491	470	450	436	432	421	423	433	469	467	434	440
04/08/2008	CST	423	419	421	429	447	484	557	564	520	485	463	445	457	437	425	416	412	398	403	416	454	455	421	418
04/09/2008	CST	403	397	398	403	415	452	528	541	508	488	476	461	475	456	434	421	418	409	416	429	464	461	426	425
04/10/2008	CST	405	394	393	397	410	447	523	531	514	500	486	475	491	464	454	456	461	458	469	478	501	490	455	461
04/11/2008	CST	444	435	435	439	449	481	542	552	548	538	527	513	541	529	512	505	504	491	491	489	497	487	460	474
04/12/2008	CST	451	439	432	433	433	446	471	469	478	475	462	445	462	438	413	400	395	383	383	390	416	421	404	418
04/13/2008	CST	407	404	406	413	424	438	463	458	454	436	414	403	422	401	379	366	361	356	360	373	403	412	384	380
04/14/2008	CST	368	366	371	379	398	438	509	518	482	464	448	433	447	432	416	409	409	406	415	422	451	450	411	400
04/15/2008	CST	379	372	370	372	383	418	487	500	465	442	424	410	416	401	388	383	384	382	383	382	402	406	362	338
04/16/2008	CST	315	306	304	309	323	357	433	466	444	436	432	427	447	435	420	410	406	397	395	396	419	427	390	377
04/17/2008	CST	362	362	366	376	391	428	499	507	464	433	414	401	409	397	385	379	376	370	372	376	404	415	381	363
04/18/2008	CST	342	338	340	348	363	401	467	477	441	419	404	391	397	382	368	360	355	345	342	341	362	373	347	336
04/19/2008	CST	315	308	311	316	328	351	377	392	403	403	393	381	383	364	346	339	336	330	327	325	342	352	329	320
04/20/2008	CST	300	292	293	298	307	320	337	356	384	399	403	403	420	401	376	359	351	347	349	359	378	383	347	327
04/21/2008	CST	304	297	291	293	303	336	403	431	420	417	421	424	446	443	435	437	436	427	422	418	441	448	411	404
04/22/2008	CST	384	376	375	377	389	425	495	509	470	446	428	416	423	409	390	383	378	373	375	381	407	419	380	364
04/23/2008	CST	343	340	344	350	362	398	469	483	446	425	411	401	411	403	394	392	398	399	407	417	435	435	397	380
04/24/2008	CST	358	349	341	336	345	371	440	462	440	429	426	427	440	431	424	433	445	447	455	458	475	473	437	437
04/25/2008	CST	416	408	406	407	414	445	517	545	530	525	526	520	542	540	532	530	536	524	518	510	514	507	473	476
04/26/2008	CST	455	441	436	440	442	456	474	480	502	512	511	505	521	502	484	477	477	466	466	465	474	479	451	461
04/27/2008	CST	445	432	433	435	440	450	469	454	453	437	416	405	423	404	384	375	376	378	385	394	414	432	405	405
04/28/2008	CST	392	394	399	406	424	464	532	532	488	461	443	428	434	422	410	404	401	396	403	408	430	446	414	407
04/29/2008	CST	392	387	389	392	405	441	508	518	476	451	434	418	424	411	399	392	389	385	388	391	409	428	396	381
04/30/2008	CST	363	358	360	366	378	418	482	495	456	431	414	403	414	407	399	392	402	418	421	422	432	434	395	358
05/01/2008	CST	340	334	333	339	350	386	464	487	460	445	438	427	419	415	404	397	401	413	416	419	431	435	400	364
05/02/2008	CST	345	341	344	350	364	401	467	509	493	478	469	458	448	438	423	412	410	409	404	402	414	438	419	392
05/03/2008	CST	380	379	379	383	392	410	425	442	447	446	434	417	401	382	364	353	347	346	345	345	360	385	366	341
05/04/2008	CST	327	321	327	332	341	356	371	390	400	395	380	372	365	350	338	338	343	354	361	366	384	406	379	344
05/05/2008	CST	332	334	338	348	367	406	476	502	467	444	436	424	409	398	387	380	379	379	380	377	392	414	380	337
05/06/2008	CST	316	309	311	314	326	360	423	453	421	405	397	386	377	372	369	367	368	383	391	393	397	398	359	320
05/07/2008	CST	303	299	301	306	320	353	415	446	418	401	393	386	377	370	364	363	360	364	368	370	383	406	377	339
05/08/2008	CST	322	320	325	332	347	384	451	483	451	431	419	407	396	387	378	371	372	378	384	388	396	413	386	344
05/09/2008	CST	324	321	322	326	337	371	436	474	450	432	420	408	395	383	373	368	368	366	367	368	377	395	373	344

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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)
05/10/2008	CST	324	319	317	320	329	347	368	408	441	457	458	457	449	440	427	416	407	403	395	387	383	417	403	378
05/11/2008	CST	362	356	359	366	373	383	390	405	408	399	383	365	352	334	321	314	313	316	321	332	352	375	350	311
05/12/2008	CST	292	287	288	292	305	340	407	452	441	436	434	428	424	424	414	415	426	438	445	449	450	448	409	367
05/13/2008	CST	346	338	333	333	342	373	439	480	461	450	446	441	433	431	422	420	424	428	428	425	424	439	413	373
05/14/2008	CST	354	351	351	354	367	402	459	475	436	415	401	390	380	367	358	357	358	361	364	367	380	396	361	315
05/15/2008	CST	288	281	301	302	312	332	390	428	405	399	404	399	378	365	353	350	354	358	359	356	363	384	356	312
05/16/2008	CST	284	273	268	269	281	307	369	410	395	385	379	375	369	363	357	354	351	347	345	339	338	354	341	306
05/17/2008	CST	276	267	263	263	268	279	295	322	345	355	355	350	344	335	327	323	322	327	328	326	332	347	336	304
05/18/2008	CST	285	279	279	283	290	296	305	328	346	350	345	339	335	324	314	310	312	321	328	337	348	364	340	298
05/19/2008	CST	277	268	268	268	277	306	371	422	417	413	412	411	406	399	388	386	387	395	398	396	398	410	382	337
05/20/2008	CST	317	309	307	310	321	350	409	436	404	388	383	377	373	373	366	359	356	358	359	360	368	392	372	327
05/21/2008	CST	303	298	302	304	316	347	411	437	406	387	380	373	364	359	353	350	351	354	355	354	363	383	362	317
05/22/2008	CST	290	281	278	278	289	316	377	414	398	387	382	377	370	364	361	356	356	356	357	357	362	378	358	310
05/23/2008	CST	281	270	266	267	276	296	353	392	385	380	375	372	368	363	354	350	341	341	341	344	334	345	336	304
05/24/2008	CST	273	260	254	254	260	263	278	309	334	349	354	353	344	329	317	312	309	309	310	310	313	324	307	275
05/25/2008	CST	253	239	234	229	228	226	229	256	294	316	323	326	329	317	301	299	299	300	300	299	299	310	299	268
05/26/2008	CST	251	238	231	230	232	240	246	275	315	349	367	373	365	354	341	334	334	338	338	340	343	360	351	312
05/27/2008	CST	289	282	282	287	300	328	383	411	395	386	377	369	366	359	351	351	352	353	353	352	360	378	361	315
05/28/2008	CST	290	281	279	281	288	313	366	400	384	377	371	363	359	359	355	357	357	358	361	366	361	375	359	312
05/29/2008	CST	282	269	260	256	259	283	336	377	373	371	370	369	361	362	354	357	362	376	381	378	369	373	346	306
05/30/2008	CST	276	263	275	273	277	291	328	368	375	384	387	385	378	372	368	361	355	351	345	340	335	348	340	307
05/31/2008	CST	280	269	262	261	265	265	277	303	333	349	353	353	346	336	329	326	326	327	325	321	317	323	326	295
06/01/2008	CST	269	252	247	245	245	241	245	269	299	321	329	336	340	336	330	330	331	339	342	344	344	352	338	293
06/02/2008	CST	264	247	242	239	247	265	311	351	362	370	375	379	375	372	366	363	364	367	351	355	361	373	357	313
06/03/2008	CST	287	282	283	284	288	311	358	398	398	389	382	385	384	381	378	375	375	391	401	397	394	390	362	323
06/04/2008	CST	301	291	285	285	290	310	355	390	400	396	395	395	387	379	371	368	367	367	364	361	361	369	358	316
06/05/2008	CST	286	274	267	265	277	293	338	375	378	388	389	389	379	375	364	360	358	361	368	376	379	378	351	313
06/06/2008	CST	287	277	270	257	261	287	326	364	372	379	380	377	370	368	359	354	352	346	344	335	327	332	329	299
06/07/2008	CST	277	261	257	253	256	258	273	298	324	343	348	345	340	333	324	319	319	315	313	314	314	320	321	291
06/08/2008	CST	265	249	242	239	239	233	237	261	287	303	311	315	319	318	312	311	313	325	331	337	333	333	311	272
06/09/2008	CST	248	241	239	238	245	265	310	353	363	369	377	369	365	364	358	357	358	358	358	355	355	362	347	308
06/10/2008	CST	280	269	262	260	264	284	329	369	373	376	377	372	365	362	357	356	358	360	360	359	365	377	359	317
06/11/2008	CST	289	280	272	270	278	301	356	397	404	405	412	413	408	401	392	393	398	408	411	410	403	396	362	325
06/12/2008	CST	301	291	284	276	275	294	340	371	373	371	368	367	363	359	356	351	345	346	347	346	347	349	337	297

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

**For the Year Ending December 31, 2008**

**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)
06/13/2008	CST	270	259	255	256	261	278	320	361	375	380	382	380	372	366	356	346	342	337	335	331	328	335	334	303
06/14/2008	CST	277	264	270	267	268	265	277	305	332	348	351	349	344	336	328	318	319	322	322	316	310	310	305	285
06/15/2008	CST	263	251	244	242	244	241	245	271	296	314	317	322	323	319	311	307	308	316	321	324	328	338	328	290
06/16/2008	CST	265	253	249	252	260	278	328	359	367	372	377	377	373	370	367	365	364	363	365	361	361	366	357	309
06/17/2008	CST	276	262	256	253	258	273	320	356	359	365	370	370	372	374	373	375	379	387	388	385	384	386	378	328
06/18/2008	CST	291	266	251	246	249	261	310	352	358	366	379	384	387	392	391	389	392	396	394	388	383	385	367	316
06/19/2008	CST	287	271	259	254	257	269	314	352	364	377	387	395	400	408	411	413	415	414	409	400	392	391	382	338
06/20/2008	CST	296	278	267	258	260	269	311	353	371	384	395	399	395	395	395	391	391	388	383	369	356	352	350	315
06/21/2008	CST	282	263	252	247	245	242	257	291	324	349	360	361	362	355	344	346	347	347	345	336	327	322	318	287
06/22/2008	CST	262	250	244	240	238	230	231	255	289	314	325	332	342	343	340	342	351	363	369	369	368	366	358	307
06/23/2008	CST	274	254	242	238	243	254	300	345	363	380	395	404	408	413	414	412	412	409	408	397	390	392	375	322
06/24/2008	CST	287	270	258	256	260	272	319	359	371	386	401	409	416	423	426	435	441	451	447	436	423	426	406	346
06/25/2008	CST	305	288	274	262	261	274	320	363	382	412	424	426	428	430	432	435	442	448	447	438	428	419	403	347
06/26/2008	CST	307	285	272	265	264	276	315	352	368	384	396	405	409	416	418	423	427	432	430	419	411	406	389	339
06/27/2008	CST	300	276	262	254	253	264	307	352	371	387	396	405	401	403	399	390	385	385	377	361	345	336	332	299
06/28/2008	CST	272	255	245	242	241	244	252	282	310	335	349	353	348	341	332	329	325	325	326	315	309	314	312	285
06/29/2008	CST	264	248	238	234	233	226	230	259	291	314	330	337	346	345	344	345	353	361	366	365	364	365	359	314
06/30/2008	CST	280	261	251	246	249	260	300	341	360	379	393	402	406	415	428	435	441	448	451	444	432	426	413	355
07/01/2008	CST	313	289	273	263	261	274	313	358	377	401	422	439	449	461	458	463	466	475	479	469	457	445	427	365
07/02/2008	CST	319	294	277	266	263	272	311	347	357	366	374	375	373	377	372	369	369	369	368	363	357	360	355	310
07/03/2008	CST	278	261	251	246	248	257	292	329	345	355	364	366	365	360	358	356	357	359	355	348	338	336	333	298
07/04/2008	CST	269	250	239	233	232	231	236	266	301	329	343	344	340	338	336	338	343	348	348	340	328	313	304	291
07/05/2008	CST	271	251	240	234	234	227	230	257	298	334	361	375	390	394	395	401	405	408	401	394	382	379	371	338
07/06/2008	CST	308	283	271	264	257	247	250	283	327	363	385	401	406	405	403	407	417	427	427	419	407	400	380	327
07/07/2008	CST	283	259	247	243	245	263	303	346	363	378	392	392	388	389	389	395	402	408	409	401	387	383	369	322
07/08/2008	CST	287	267	257	251	251	264	303	343	356	366	374	377	375	377	375	378	381	385	386	376	363	363	351	308
07/09/2008	CST	277	261	251	244	245	259	302	337	348	361	372	388	399	410	406	412	415	417	413	405	396	394	375	328
07/10/2008	CST	293	273	260	254	255	270	310	351	363	375	396	407	413	421	426	429	438	443	435	422	419	416	391	339
07/11/2008	CST	302	283	271	263	264	277	312	359	384	403	424	438	445	454	455	453	441	435	416	405	396	391	348	310
07/12/2008	CST	280	263	253	248	247	246	252	279	308	334	344	345	343	337	329	324	322	323	325	320	315	318	307	279
07/13/2008	CST	258	244	238	234	234	231	233	258	288	312	323	333	341	339	338	340	345	359	362	360	357	360	350	305
07/14/2008	CST	273	255	246	243	246	261	302	348	368	385	395	412	422	432	437	444	455	466	467	458	443	439	417	359
07/15/2008	CST	318	295	281	270	272	285	321	361	378	395	406	417	434	440	440	442	447	455	454	447	434	430	407	350
07/16/2008	CST	315	293	280	267	266	282	321	360	368	379	392	390	393	395	399	403	417	429	430	420	410	408	388	337

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

Date	Time Zone	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)
07/17/2008	CST	301	282	268	262	262	285	321	362	375	384	392	397	400	407	409	412	417	418	416	406	395	392	378	331
07/18/2008	CST	299	279	265	261	258	275	308	350	371	388	401	407	411	418	421	421	422	422	417	401	386	380	367	327
07/19/2008	CST	296	279	267	256	253	255	259	288	318	345	358	362	359	351	344	341	341	342	341	334	329	334	324	295
07/20/2008	CST	265	250	241	235	232	235	234	256	288	312	327	347	363	366	369	373	382	391	394	388	378	380	364	315
07/21/2008	CST	281	264	255	249	252	269	305	350	374	395	411	425	437	445	445	447	450	460	461	449	433	429	402	346
07/22/2008	CST	306	285	273	267	268	282	318	357	376	397	416	427	436	443	448	453	462	466	461	448	433	428	402	346
07/23/2008	CST	307	288	274	265	265	284	320	366	380	390	400	406	413	413	408	403	400	402	401	394	393	397	370	326
07/24/2008	CST	300	284	274	269	277	298	336	372	391	412	431	445	455	462	469	477	484	486	482	472	457	456	430	368
07/25/2008	CST	326	301	288	285	284	298	329	370	395	420	436	447	448	451	450	449	446	441	431	413	394	390	370	329
07/26/2008	CST	297	277	266	260	257	261	266	296	333	362	379	391	398	400	403	410	420	424	422	413	396	393	373	334
07/27/2008	CST	301	279	268	261	258	254	248	273	304	331	350	362	381	390	394	404	414	420	424	427	416	415	388	333
07/28/2008	CST	298	276	266	262	266	286	319	365	392	417	434	448	456	454	445	443	447	462	471	463	448	452	420	368
07/29/2008	CST	329	310	291	277	271	289	328	370	385	407	424	434	439	444	447	454	460	466	463	451	436	435	404	347
07/30/2008	CST	312	292	278	269	270	289	323	356	372	392	405	424	433	441	449	454	462	469	465	450	436	434	400	345
07/31/2008	CST	307	290	278	271	271	290	329	364	380	406	428	440	451	461	467	475	484	485	477	464	445	449	417	359
08/01/2008	CST	320	296	277	268	270	285	311	353	378	397	413	424	432	438	440	446	453	456	454	440	420	415	389	342
08/02/2008	CST	307	285	268	262	264	257	260	287	320	348	361	369	373	371	373	378	379	375	370	361	348	353	332	300
08/03/2008	CST	274	256	248	244	240	241	242	260	290	313	328	341	363	375	381	390	404	417	421	416	407	414	383	331
08/04/2008	CST	298	278	265	260	259	276	311	354	377	388	413	414	417	426	430	433	435	440	442	437	423	421	385	336
08/05/2008	CST	303	284	273	265	268	282	314	350	366	387	403	414	424	435	436	445	451	456	452	440	429	432	397	340
08/06/2008	CST	301	281	270	262	261	285	322	358	365	381	396	408	415	424	431	439	446	451	450	439	425	428	396	342
08/07/2008	CST	305	284	272	266	267	287	320	359	375	390	407	416	421	428	432	439	445	449	449	436	421	423	388	339
08/08/2008	CST	305	285	273	259	261	278	306	345	360	373	381	386	389	393	390	388	385	385	389	380	376	381	356	321
08/09/2008	CST	296	291	278	270	270	271	270	297	332	365	388	397	401	404	402	404	410	416	412	396	379	381	355	323
08/10/2008	CST	288	268	260	257	254	254	251	278	311	338	353	364	371	371	368	376	384	396	396	390	388	395	360	318
08/11/2008	CST	288	268	259	253	259	281	321	357	371	388	398	406	400	397	396	394	382	395	400	402	402	391	354	313
08/12/2008	CST	289	275	265	269	269	290	326	355	365	381	395	407	411	416	416	422	429	436	437	429	423	425	381	336
08/13/2008	CST	302	283	270	260	261	282	318	351	363	383	404	418	428	437	447	451	459	466	465	447	440	442	394	342
08/14/2008	CST	309	288	277	266	265	286	328	357	371	389	417	432	439	446	451	453	443	436	428	417	414	418	377	335
08/15/2008	CST	302	287	276	267	267	286	320	359	378	396	410	423	433	443	447	453	455	459	449	430	416	419	387	341
08/16/2008	CST	307	287	276	267	267	273	277	301	341	379	403	420	429	435	439	443	448	452	448	448	433	418	377	338
08/17/2008	CST	307	288	277	269	265	266	266	289	330	367	395	415	437	447	452	457	471	482	484	467	453	453	407	361
08/18/2008	CST	326	306	293	284	284	303	341	382	407	430	449	465	477	488	496	501	504	506	504	488	474	472	420	364
08/19/2008	CST	328	310	298	290	291	311	350	385	396	412	428	443	459	473	461	440	450	461	465	472	485	491	443	366

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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)	
08/20/2008	CST	345	325	313	304	303	325	366	402	418	440	458	476	484	485	487	490	493	497	496	483	484	482	432	382	
08/21/2008	CST	346	324	312	304	305	323	366	407	419	437	463	478	494	501	492	493	489	488	488	481	477	472	427	375	
08/22/2008	CST	336	315	301	290	292	316	361	396	409	423	431	432	432	428	426	426	425	420	409	390	389	387	354	323	
08/23/2008	CST	297	293	285	281	280	287	293	318	352	374	381	384	378	373	367	365	367	371	371	369	376	381	351	318	
08/24/2008	CST	297	284	277	273	273	278	282	300	329	350	362	370	375	377	374	377	377	392	405	411	408	419	420	377	321
08/25/2008	CST	295	283	278	276	281	308	359	393	397	410	420	428	433	439	445	454	462	469	467	458	457	456	406	368	
08/26/2008	CST	327	313	302	298	299	323	371	402	401	404	415	425	429	440	444	451	457	461	461	453	444	435	384	335	
08/27/2008	CST	299	285	273	268	270	297	343	374	379	383	401	407	408	413	416	414	413	412	412	412	413	427	410	321	
08/28/2008	CST	298	287	278	274	277	301	353	387	387	390	398	403	403	407	405	408	410	410	410	412	405	417	411	372	330
08/29/2008	CST	299	288	283	278	282	304	350	384	393	401	408	408	412	414	416	420	423	426	426	422	404	403	401	367	329
08/30/2008	CST	299	282	276	274	274	282	290	312	347	372	382	389	394	398	404	412	423	432	433	420	420	423	415	379	345
08/31/2008	CST	320	301	289	282	280	283	293	312	353	389	417	439	456	464	468	475	482	485	476	460	460	460	451	416	379
09/01/2008	CST	347	333	317	310	306	311	319	336	373	420	456	480	490	494	493	494	495	494	482	473	462	462	422	366	319
09/02/2008	CST	291	280	270	266	270	294	359	395	385	388	391	390	385	381	378	376	379	382	384	386	402	388	346	309	
09/03/2008	CST	288	278	269	267	271	297	363	395	382	379	381	380	377	379	381	383	390	397	396	395	417	401	358	317	
09/04/2008	CST	294	285	298	294	297	325	393	417	404	397	400	398	394	391	380	377	379	386	397	406	421	400	362	323	
09/05/2008	CST	299	291	283	281	284	308	374	411	398	398	400	398	390	388	381	379	376	374	370	367	384	375	346	315	
09/06/2008	CST	298	284	279	277	279	289	307	329	359	372	377	374	369	361	354	351	347	349	349	349	349	367	333	299	
09/07/2008	CST	280	274	269	267	267	275	288	313	344	356	361	368	372	368	359	356	366	366	366	385	391	402	362	328	
09/08/2008	CST	311	282	277	279	290	320	392	429	414	409	405	396	391	386	379	376	383	394	396	402	426	409	368	328	
09/09/2008	CST	306	302	299	299	304	335	407	433	410	399	390	387	385	383	379	378	381	379	385	394	421	402	362	328	
09/10/2008	CST	296	287	282	280	286	314	380	411	395	390	390	388	384	382	379	377	379	388	397	385	427	407	360	319	
09/11/2008	CST	287	277	269	270	279	304	372	406	395	395	391	393	389	387	378	384	384	386	388	388	420	399	358	321	
09/12/2008	CST	297	287	282	281	285	311	375	408	395	393	395	395	394	399	397	397	396	396	392	385	400	386	355	323	
09/13/2008	CST	298	281	273	271	270	279	299	323	359	381	389	390	382	375	371	370	365	364	364	364	436	412	333	305	
09/14/2008	CST	282	271	266	264	265	272	287	311	346	360	365	372	376	370	359	360	367	374	375	367	413	393	353	321	
09/15/2008	CST	302	295	293	294	303	331	404	444	425	417	412	409	404	402	398	397	398	400	406	412	436	412	365	325	
09/16/2008	CST	303	293	289	286	293	322	390	421	401	398	397	396	400	402	401	402	405	407	408	414	437	414	367	326	
09/17/2008	CST	300	292	286	287	293	322	390	426	409	404	403	404	400	401	398	399	407	409	412	424	441	417	370	331	
09/18/2008	CST	309	297	291	290	294	321	384	416	398	396	404	407	409	414	416	418	421	421	422	431	454	426	383	340	
09/19/2008	CST	313	298	290	285	287	311	374	412	400	403	413	419	421	427	428	431	434	430	419	410	414	390	357	322	
09/20/2008	CST	297	282	277	273	272	286	307	334	363	381	384	382	375	367	361	361	361	365	365	377	394	375	346	318	
09/21/2008	CST	301	290	283	280	280	287	303	325	350	362	366	370	379	380	376	381	388	395	399	417	426	392	347	309	
09/22/2008	CST	284	270	265	261	266	291	356	398	386	386	392	395	395	397	400	403	411	416	422	438	441	410	365	323	

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

Date (a)	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)
09/23/2008	299	285	272	265	268	292	353	394	374	377	387	385	383	381	382	387	391	390	391	408	410	382	337	297
09/24/2008	276	271	268	263	269	298	365	401	381	378	378	378	377	378	371	373	376	382	384	404	420	393	352	313
09/25/2008	292	284	277	276	279	305	376	413	394	388	386	385	379	380	380	382	389	398	404	426	433	406	368	329
09/26/2008	302	291	282	277	284	309	374	416	399	402	404	402	398	393	384	388	390	387	383	392	390	370	341	311
09/27/2008	290	278	269	267	271	284	309	338	367	382	379	373	368	360	350	350	351	352	353	377	386	368	340	313
09/28/2008	296	285	283	281	282	288	304	326	351	363	360	363	370	362	358	357	362	375	381	406	409	382	343	309
09/29/2008	289	284	282	284	292	321	398	439	420	414	415	411	414	404	401	398	405	414	423	451	455	429	387	351
09/30/2008	329	324	321	321	330	360	435	472	444	435	429	417	405	399	388	379	387	393	405	436	444	420	377	341
10/01/2008	322	317	314	314	324	357	428	464	436	424	415	408	398	391	387	387	387	392	400	434	449	427	385	349
10/02/2008	333	328	323	323	331	362	435	471	437	421	409	401	394	391	389	388	390	394	399	431	436	415	381	346
10/03/2008	323	318	318	322	333	366	438	479	457	441	428	413	402	395	386	383	383	385	393	417	425	416	390	363
10/04/2008	344	337	335	335	340	355	381	414	431	431	416	399	384	372	363	357	357	363	371	403	405	387	361	339
10/05/2008	324	314	310	308	312	320	338	366	389	397	395	394	395	388	379	380	384	399	413	429	416	388	349	315
10/06/2008	299	291	285	282	290	318	387	429	408	408	406	404	400	396	390	393	398	408	419	438	425	402	363	328
10/07/2008	308	300	294	294	300	327	398	443	419	414	409	399	390	386	381	380	382	385	393	432	434	408	374	338
10/08/2008	323	316	314	313	322	352	425	463	437	423	410	400	387	382	379	376	381	387	400	436	436	415	377	343
10/09/2008	325	321	319	320	332	365	441	486	456	445	436	431	419	410	403	398	400	408	430	469	466	444	403	369
10/10/2008	347	340	333	333	341	372	444	484	469	466	465	463	459	454	454	453	456	461	473	479	463	443	411	382
10/11/2008	361	351	346	344	345	358	377	407	429	449	452	449	443	432	420	417	415	419	426	431	417	397	373	347
10/12/2008	328	319	313	311	310	317	335	364	386	393	393	393	390	386	378	378	382	389	406	420	401	372	342	311
10/13/2008	294	288	287	288	297	329	400	454	445	450	449	449	448	444	436	434	445	467	485	504	494	470	430	393
10/14/2008	377	373	369	369	378	409	482	524	488	466	448	428	417	412	399	400	404	418	439	469	463	441	403	368
10/15/2008	350	346	343	344	353	385	457	500	472	462	453	437	428	426	418	419	426	433	452	482	474	452	416	384
10/16/2008	366	360	369	371	380	412	471	509	492	471	461	444	430	424	412	406	406	416	446	480	476	458	421	390
10/17/2008	372	366	361	363	368	396	457	498	488	486	473	455	435	419	406	401	407	413	433	464	460	446	416	386
10/18/2008	367	361	357	360	365	379	406	432	451	454	442	420	406	388	375	371	373	380	402	427	423	403	376	350
10/19/2008	331	323	320	311	316	329	349	385	407	411	404	401	396	385	375	371	374	387	414	452	447	428	394	368
10/20/2008	353	348	350	355	369	407	488	544	512	495	477	463	445	434	421	415	418	433	471	509	508	487	453	418
10/21/2008	403	399	398	402	415	450	528	569	529	514	505	489	472	459	454	453	464	481	507	517	505	479	441	405
10/22/2008	388	380	374	370	378	409	480	525	499	489	485	480	472	471	466	468	479	493	509	514	501	477	436	407
10/23/2008	390	382	379	378	384	416	482	522	502	493	481	464	441	427	418	410	410	421	460	482	474	456	420	390
10/24/2008	371	363	360	359	366	394	455	498	489	484	482	474	469	459	452	449	449	452	469	480	472	455	428	403
10/25/2008	384	377	376	376	379	395	422	458	476	478	460	436	414	391	381	382	386	395	421	438	433	422	398	378
10/26/2008	366	359	359	365	373	389	415	452	481	493	495	502	498	491	480	481	487	506	529	537	523	498	458	428

# Annual Electric Balancing Authority Area and Planning Area Report

## For the Year Ending December 31, 2008

Federal Energy Regulatory Commission  
FERC Form No. 714

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)
10/27/2008	CST	414	409	409	412	423	458	540	593	564	540	525	511	497	486	473	470	477	496	536	564	557	535	497	466
10/28/2008	CST	452	448	448	450	459	494	570	616	573	538	515	496	476	464	443	435	438	452	494	527	522	501	463	427
10/29/2008	CST	409	410	410	413	429	468	546	596	561	526	506	486	464	443	428	422	427	442	479	505	500	482	443	408
10/30/2008	CST	390	384	382	384	394	425	499	547	512	482	458	434	418	410	403	401	400	406	442	466	464	444	410	381
10/31/2008	CST	363	359	361	366	378	414	491	547	522	500	481	466	452	438	422	413	412	420	452	464	467	458	434	408
11/01/2008	CST	396	390	389	393	399	412	435	472	492	503	504	479	444	420	401	393	397	413	443	462	457	447	424	399
11/02/2008	CST	375	360	351	359	369	385	414	444	457	442	418	402	394	363	365	366	384	442	463	461	446	418	387	361
11/03/2008	CST	350	345	342	343	353	388	464	495	462	442	433	425	414	415	409	407	418	456	481	474	459	427	388	359
11/04/2008	CST	348	346	343	346	359	400	482	514	486	467	456	447	441	437	431	432	452	486	495	485	469	437	397	361
11/05/2008	CST	338	329	323	324	334	367	436	474	452	445	448	446	440	441	437	450	466	489	492	480	464	438	399	367
11/06/2008	CST	354	346	342	341	344	376	448	492	476	474	470	473	476	479	482	494	517	548	544	535	518	490	452	415
11/07/2008	CST	393	388	382	381	392	426	489	533	527	530	527	527	524	524	524	537	553	582	579	566	552	533	505	481
11/08/2008	CST	467	460	459	463	474	501	521	541	567	589	592	586	574	569	562	569	584	622	626	617	602	578	543	516
11/09/2008	CST	501	496	495	493	502	520	532	552	568	572	565	560	553	541	538	542	567	614	623	616	603	579	541	504
11/10/2008	CST	494	491	492	495	506	539	599	634	626	621	611	595	568	552	539	543	577	637	651	645	632	606	570	543
11/11/2008	CST	525	522	520	523	533	570	626	653	632	616	604	590	577	566	562	571	591	630	631	617	597	571	527	492
11/12/2008	CST	472	464	458	460	471	507	580	612	585	579	578	572	562	563	565	572	593	627	624	612	592	561	521	486
11/13/2008	CST	471	467	461	458	465	500	564	591	563	555	554	550	542	539	537	541	562	591	592	583	563	537	498	465
11/14/2008	CST	447	439	434	435	445	482	545	585	571	572	572	575	581	581	586	590	602	633	628	612	598	573	541	513
11/15/2008	CST	499	491	490	492	501	522	552	577	588	590	579	564	544	533	526	536	559	600	603	591	577	554	520	494
11/16/2008	CST	479	471	468	471	474	491	507	532	548	550	546	545	539	532	533	546	569	608	612	607	592	568	532	504
11/17/2008	CST	496	493	497	506	522	565	640	655	626	608	595	593	593	626	624	617	619	671	670	673	686	646	599	619
11/18/2008	CST	598	587	577	573	579	613	688	695	660	648	633	616	616	655	651	639	669	691	682	667	644	614	564	566
11/19/2008	CST	539	525	520	519	527	564	635	651	620	614	605	596	634	624	619	626	647	665	683	676	659	630	590	605
11/20/2008	CST	586	577	575	580	594	637	719	727	690	675	670	668	718	710	702	708	731	749	749	743	734	708	665	690
11/21/2008	CST	670	659	655	655	662	698	743	669	712	700	688	645	677	659	646	657	690	698	694	699	679	658	628	655
11/22/2008	CST	633	617	609	606	605	618	640	637	651	659	652	641	667	645	629	636	649	647	637	626	598	578	549	567
11/23/2008	CST	543	529	523	519	520	530	547	555	568	569	560	553	582	558	535	530	563	602	608	608	598	575	538	555
11/24/2008	CST	536	529	525	528	537	575	651	665	631	622	619	619	652	648	640	645	666	678	681	675	662	636	594	610
11/25/2008	CST	591	583	581	583	595	630	702	707	668	649	627	594	616	593	573	575	606	640	647	644	639	617	581	598
11/26/2008	CST	575	565	562	570	583	621	698	710	670	637	607	580	599	575	557	558	592	621	619	615	602	582	549	561
11/27/2008	CST	531	509	496	491	495	510	533	537	556	565	567	554	558	521	495	486	503	525	535	543	548	540	521	549
11/28/2008	CST	540	532	529	532	544	566	604	609	608	595	576	557	585	563	543	546	578	603	602	599	590	577	553	580
11/29/2008	CST	561	547	542	542	545	564	587	596	618	634	633	627	661	639	626	622	637	643	636	626	611	589	563	589

**Annual Electric Balancing Authority Area and Planning  
 Area Report**  
**For the Year Ending December 31, 2008**

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)
11/30/2008	CST	566	548	541	536	533	542	562	565	582	592	593	595	642	633	627	634	663	671	673	666	646	622	582	606
12/01/2008	CST	589	578	579	587	606	646	726	738	704	676	666	635	667	649	632	636	687	697	691	728	714	683	635	652
12/02/2008	CST	628	611	603	595	595	620	684	676	650	627	606	585	620	620	626	645	681	658	636	652	728	697	646	666
12/03/2008	CST	645	632	626	625	638	676	753	760	714	683	665	650	693	683	674	689	684	628	630	695	726	737	671	694
12/04/2008	CST	675	664	662	666	679	715	792	782	747	758	740	721	770	761	755	758	779	682	656	755	794	767	711	731
12/05/2008	CST	719	704	692	692	695	728	774	659	633	633	628	622	672	717	775	756	739	672	708	726	703	685	652	675
12/06/2008	CST	657	645	642	645	653	678	716	722	742	739	721	699	736	704	693	704	752	683	596	590	589	660	597	744
12/07/2008	CST	763	739	753	744	742	746	757	743	756	761	756	751	810	790	766	763	764	645	715	763	736	700	650	674
12/08/2008	CST	649	632	625	624	633	663	733	638	562	626	640	680	747	735	724	731	759	671	627	726	791	753	704	730
12/09/2008	CST	713	703	698	700	709	744	806	738	745	751	730	702	737	723	719	730	769	719	606	708	785	745	696	723
12/10/2008	CST	702	686	682	678	685	716	770	639	684	747	734	713	743	713	686	682	708	714	761	768	761	742	701	731
12/11/2008	CST	717	704	695	691	691	724	777	653	771	755	737	719	764	754	750	761	798	700	646	727	818	823	771	803
12/12/2008	CST	783	765	755	745	741	765	835	786	825	785	760	742	787	766	743	734	748	722	732	716	696	671	639	663
12/13/2008	CST	637	618	612	610	618	635	668	668	685	695	692	685	735	724	717	722	745	743	732	722	711	693	669	707
12/14/2008	CST	698	682	690	695	701	719	742	730	752	778	799	812	881	875	865	866	883	832	857	866	837	809	769	805
12/15/2008	CST	790	781	776	776	780	801	835	758	793	828	819	810	824	847	848	858	738	630	602	587	576	673	797	856
12/16/2008	CST	856	840	827	825	832	857	756	698	740	747	688	782	882	867	850	844	644	600	571	554	664	870	843	787
12/17/2008	CST	756	744	740	745	757	793	807	678	718	735	769	716	779	767	754	765	809	715	659	808	856	811	760	795
12/18/2008	CST	776	762	756	755	762	793	770	676	719	834	785	745	787	776	770	784	812	678	718	834	834	807	763	794
12/19/2008	CST	774	757	746	740	745	774	731	651	759	813	780	750	789	773	757	751	761	662	671	760	741	717	683	711
12/20/2008	CST	684	665	662	643	637	651	676	678	701	721	728	733	789	778	766	774	813	825	823	819	804	784	751	792
12/21/2008	CST	714	762	752	750	750	755	775	762	775	779	761	738	791	774	763	771	813	824	826	827	819	802	764	803
12/22/2008	CST	787	780	779	778	782	813	847	691	654	655	643	633	694	769	815	832	816	684	708	824	817	799	753	778
12/23/2008	CST	748	726	711	703	702	724	761	677	661	656	661	704	742	740	711	708	719	707	745	740	732	730	698	734
12/24/2008	CST	719	703	701	703	713	739	778	770	777	770	742	710	746	730	711	714	739	737	731	723	721	719	708	766
12/25/2008	CST	747	723	711	708	707	712	730	709	714	704	679	651	675	637	610	608	636	645	647	649	644	632	609	641
12/26/2008	CST	615	596	584	572	569	579	603	597	603	609	602	594	629	611	602	602	619	625	617	604	587	568	539	563
12/27/2008	CST	542	530	528	531	540	558	582	586	613	634	637	630	668	646	626	634	671	696	701	702	697	685	660	708
12/28/2008	CST	697	686	682	683	686	694	713	696	702	694	671	646	685	650	623	628	666	694	700	694	678	652	611	636
12/29/2008	CST	610	595	587	600	619	656	713	716	708	694	672	652	695	681	672	682	722	745	691	640	643	676	673	702
12/30/2008	CST	679	666	655	651	662	688	736	733	731	744	746	738	790	768	752	756	796	799	783	806	835	802	760	805
12/31/2008	CST	792	782	779	779	790	811	858	807	822	836	813	785	829	812	802	812	832	766	698	725	743	721	675	725

**Annual Electric Balancing Authority Area and Planning  
 Area Report  
 For the Year Ending December 31, 2008**

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	2009	515	810	4,007,000
2	2010	530	830	4,107,000
3	2011	545	850	4,210,000
4	2012	560	870	4,315,000
5	2013	575	890	4,425,000
6	2014	590	910	4,535,000
7	2015	605	930	4,645,000
8	2016	620	950	4,760,000
9	2017	635	975	4,900,000
10	2018	650	1,000	5,100,000

**EXHIBIT III**

Minnkota Power Cooperative Electric System Map



**EXHIBIT IV**

Listing of In-Service Dates for Existing Transmission Facilities

**Minnkota Power Cooperative, Inc.**

**In-Service Dates For Existing Transmission Facilities**

Wahpeton - Maple River	1968
Maple River – Winger	1970
Winger - Prairie	1970
Prairie - Drayton	1970
Center - Heskett	1971
Center - Jamestown	1981
Jamestown – Buffalo	1981
Buffalo - Maple River	1981
Pillsbury – Maple River	2008