

May 23, 2014

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



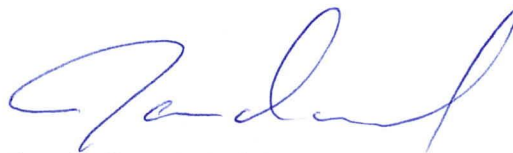
Dear Sir:

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

**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
RATES, LOAD AND PLANNING DEPARTMENT**

July 2014

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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 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 227,500 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 will receive an increasing allocation of Young 2 electrical output beginning in mid-2014 when a new 345 kV transmission line from Center to Grand Forks is expected to be 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 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 constructing a 250 mile 345 kV transmission line from Center to Grand Forks that will be in-service by July 15, 2014. The line is needed to deliver the output of the existing Milton R. Young 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. The new 345 kV line, 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.

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

Minnkota is a member of the Mid-Continent Area Power Pool (MAPP) Transmission Planning Committee, whose primary purpose is to perform coordinated long range transmission planning. Minnkota also coordinates its planning efforts with the Midcontinent Independent System Operator and with neighboring utilities.

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, 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 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 2004 peak demand was 794,000 kW as compared to the 2014 peak demand of 984,845 kW. Minnkota has projected a 2024 peak demand of 1,081,000 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)	227,500
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	<u>69,000</u>
	1,069,080

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.

EXHIBIT I

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

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 Submit By 200003322
Title Accountant Submit Date 19-MAR-13
Address 1822 Mill Road Accept By
Accept Date
City/State/Zip Grand Forks ND 58208
Email kschraeder@mimkota.com 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/oss/forms.html#eia-923>

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).
Annual data are due by March 30 following the reporting year.
Report all generation in megawatthours (MWh) rounded to a whole number.

- | | |
|--------------------------------|--|
| (1) Gross Generation (Annual) | (4) Station Use |
| (2) Other Incoming Electricity | (5) Direct Use |
| | (6) Total Facility Use (4 + 5) |
| | (7) Retail Sales to Ultimate Customers |
| | (8) Sales for Resale (MWh) |
| | (9) Other Outgoing Electricity |
| (3) Total Sources (1 + 2) | (10) Total Disposition (6 + 7 + 8 + 9) |

Total Sources must equal Total Disposition (3 = 10)

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.

SCHEDULE 7. ANNUAL REVENUES FROM SALES FOR RESALE
(Instruction for SCHEDULE 7 are on page 14.)

SCHEDULE 7 is to be completed by respondents who entered a positive amount on SCHEDULE 6, Disposition of Electricity, Item 8, Sales for Resale. Annual data are due by March 30 following the reporting year.

Sales for Resale is energy supplied to other electric utilities, cooperatives, municipalities, Federal and State electric agencies, or other entities for resale to end-use consumers.

Annual Revenues from Sales for Resale (in thousand dollars)

SCHEDULE 8. PART B. FINANCIAL INFORMATION
 (Instructions for SCHEDULE 8 PART B are on page15.)

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

Operation and Maintenance (O&M) Expenditures During Year (Thousand 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	1,265	1,163	11,813	287	0	14,528
Disposal	930	663	602	12	0	2,207
Other	0	0	0	0	7,975	7,975

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	4,680	10	7,346	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)
Amount	25	304	0	0	0	329

SCHEDULE 8. PART C. BOILER INFORMATION NITROGEN OXIDE EMISSION CONTROLS
(Instructions for SCHEDULE 8 PART C are on page 16.)

Complete a separate row for each boiler.

Note: The Boiler ID must match the Boiler ID as reported on Form EIA-860, "Annual Electric Generator Report."

No NOX Controls

Boiler ID	NOx Control In-Service (hours)	NOx Emission Rate (lbs/MMBtu)	
		Entire Year	May through September
B1	8,482	.3	.3
B2	8,138	.3	.3

SCHEDULE 8. PART D. COOLING SYSTEM INFORMATION, MONTHLY OPERATIONS
 (Instructions for SCHEDULE 8 PART D are on page 16.)

Note: Cooling System ID must match the ID as reported on Form EIA-860, "Annual Electric Generator Report."
 Complete a separate row for each cooling system.

Cooling System ID	Status	Chlorine added to Cooling Water (1000 lbs)	Hours in Service	Average Annual Rate of Cooling Water (to nearest 0.1 ft ³ /sec)				Estimation	Maximum Cooling Water Temperature at Intake (F)		Maximum Cooling Water Temperature at Discharge Outlet (F)		Estimation
				Diversion	Withdrawal	Discharge	Consumption		Monthly Avg	Monthly Max	Monthly Avg	Monthly Max	
Month 1													
CS1	OP	1	744	0	131.5	131.5	0	4	48	56	81	91	1
CS2	OP	1	744	0	557	557	0	4	47	55	61	71	1
Month 2													
CS1	OP	1	696	0	131.5	131.5	0	4	50	56	84	92	1
CS2	OP	1	685	0	487.4	487.4	0	4	49	57	59	85	1
Month 3													
CS1	OP	1	743	0	168.7	168.7	0	4	58	67	85	99	1
CS2	OP	1	743	0	557	557	0	4	57	68	72	84	1
Month 4													
CS1	OP	1	619	0	232.1	232.1	0	4	65	74	81	93	1
CS2	OP	1	720	0	557	557	0	4	64	74	80	91	1
Month 5													
CS1	OP	1	744	0	263	263	0	4	72	80	90	98	1
CS2	OP	1	744	0	557	557	0	4	72	80	88	99	1
Month 6													
CS1	OP	1	720	0	263	263	0	4	76	88	94	106	1
CS2	OP	1	524	0	391.5	391.5	0	4	77	88	88	112	1
Month 7													
CS1	OP	1	687	0	252.2	252.2	0	4	89	93	106	111	1
CS2	OP	1	744	0	552.4	552.4	0	4	88	94	107	112	1
Month 8													
CS1	OP	1	698	0	255.3	255.3	0	4	84	91	101	110	1
CS2	OP	1	744	0	557	557	0	4	84	91	102	110	1
Month 9													
CS1	OP	1	630	0	246	246	0	4	76	86	92	105	1

EIA923 Power Plant Operations Report

Year: 2012 Plant: 2823 Milton R Young

CS2	OP	1	720	0	504.4	504.4	0	4	76	86	88	106	1
Month 10													
CS1	OP	1	505	0	221.3	221.3	0	4	62	72	85	101	1
CS2	OP	1	720	0	521.5	521.5	0	4	61	72	74	90	1
Month 11													
CS1	OP	1	720	0	131.5	131.5	0	4	54	63	88	99	1
CS2	OP	1	720	0	527.6	527.6	0	4	53	62	68	78	1
Month 12													
CS1	OP	1	744	0	193.4	193.4	0	4	50	55	76	92	1
CS2	OP	1	744	0	557	557	0	4	49	55	65	71	1

SCHEDULE 8. PART E. FLUE GAS PARTICULATE COLLECTION INFORMATION
(Instructions for SCHEDULE 8 PART E are on page 17)

Complete a separate row for each flue gas particulate collector.

Does not Apply

Removal Efficiency of Particulate Matter (nearest 0.1% by weight)

Flue Gas Particulate Collector ID	Status	Hours in Service	Typical Particulate Emissions Rate (nearest 0.01 lb/MMBtu)	At Annual Operating Factor	At 100% Load or Tested Efficiency	Date of Most Recent Efficiency Test (e.g., 12-2005)
ESP1	OP	8,573	.01	99.9	100	08-1975
ESP2	OP	8,255	.01	99.9	100	08-1977

SCHEDULE 8. PART F. FLUE GAS DESULFURIZATION UNIT INFORMATION, ANNUAL OPERATIONS
 (Instructions for SCHEDULE 8 PART F are on page 19.)

Note: Flue Gas Desulfurization ID must match the ID as reported on Form EIA-860, "Annual Electric Generator Report."
 Complete a separate row for each Flue Gas Desulfurization Unit.

ANNUAL OPERATIONS

Does not Apply

Removal Efficiency of Sulfur Dioxide (nearest 0.1% by wt)

Flue Gas Desulfurization Unit ID	FGD Unit Status	Hours In Service	Quantity of FGD Sorbent Used (to nearest 0.1 thousand tons)	Electrical Energy Consumption (MWh)	At Annual Operating Factor	At 100% Load or Tested Efficiency	Date of Most Recent Efficiency Test (e.g., 12-2005)
FGD1	OP	8,482	17.6	9,067	97.1	97.1	12-2012
FGD2	OP	8,138	32.7	31,103	95.7	95.7	12-2012

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

Flue Gas Desulfurization Unit ID	Feed Materials and Chemicals	Labor and Supervision	Waste Disposal	Maintenance, Materials and All Other Costs	Total
FGD1	\$2,956	\$370	\$211	\$388	\$3,925
FGD2	\$5,598	\$596	\$391	\$1,905	\$8,490

Schedule 9 Comments

Schedule	Part	Item	Comment

Purchase Type	Fuel	Schedule	Prime Mover	Equipment ID	Rpt Month	Supplier	Error Log	Error Number & Description/Override	Ranges
		8A						844 Total volume of fly ash is an unexpectedly high or low portion of the combined total of fly ash and bottom ash; please check. Default	
		8F		FGD1				852 Total O&M expenditures exceed typical expenses to operate FGD units at steam electric power plants Default	

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, 2013

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: Cameron Korynta
Title: Energy Marketer Supervisor
E-mail address: ckorynta@minnkota.com

Telephone #: 701-795-4429 Ext:

5. Certifying Official:

Name: Cameron Korynta
Title: Energy Marketer Supervisor
Date: 04/02/2014

This report is an Original Revised Filing

**Annual Electric Balancing Authority Area and Planning
 Area Report**
 For the Year Ending December 31, 2013

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 (c)
1	Beltrami Electric Coop.	72	116
2	Cass County Electric Coop.	187	224
3	Cavalier Rural Electric Coop.	12	10
4	Clearwater Polk Electric Coop.	13	21
5	Northern Municipal Power Agency	80	90
6	Nodak Electric Coop.	174	204
7	North Star Electric Coop.	20	35
8	PKM Electric Coop.	23	31
9	Red Lake Electric Coop.	23	31
10	Red River Electric Coop.	24	37
11	Roseau Electric Coop.	30	44
12	Wild Rice Electric Coop.	50	74
13			
14			
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18			
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29			

**Annual Electric Balancing Authority Area and Planning
Area Report**
For the Year Ending December 31, 2013

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

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

Line No (a)	Electric Utility Name (b)	Electric Utility Coincident Peak Demand (MW)	
		Summer (c)	Winter (d)
30			

**Annual Electric Balancing Authority Area and Planning
Area Report
For the Year Ending December 31, 2013**

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 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)
01/01/2013	CST	749	738	730	725	723	731	737	691	689	703	706	696	753	720	689	680	684	698	695	681	657	627	568	592
01/02/2013	CST	580	583	576	571	573	601	563	667	642	635	632	629	678	663	652	655	698	713	723	719	709	681	641	684
01/03/2013	CST	671	658	650	651	662	695	765	701	732	709	680	649	691	669	642	644	675	695	702	694	678	650	602	637
01/04/2013	CST	512	593	586	586	591	624	694	703	671	638	600	674	608	591	572	573	597	624	639	641	640	633	612	659
01/05/2013	CST	642	630	626	626	631	644	664	652	665	664	659	638	669	634	611	606	640	660	663	654	642	625	597	642
01/06/2013	CST	619	599	591	592	599	611	633	621	633	628	613	597	649	631	619	622	648	677	689	691	673	644	605	641
01/07/2013	CST	617	598	595	577	581	604	668	672	640	597	590	579	610	583	566	569	599	613	621	614	602	580	542	582
01/08/2013	CST	591	586	588	592	604	635	705	699	660	641	629	615	655	625	592	590	599	616	636	628	614	587	548	570
01/09/2013	CST	552	545	543	549	562	597	655	676	641	615	595	576	617	600	595	608	634	666	676	674	683	639	599	626
01/10/2013	CST	602	596	578	551	552	575	640	646	604	577	558	541	566	547	531	538	566	584	587	577	562	540	502	512
01/11/2013	CST	484	470	463	461	467	498	557	570	562	569	583	588	637	632	625	630	647	642	639	625	611	592	569	624
01/12/2013	CST	613	603	604	610	619	638	661	647	665	679	678	660	716	693	692	722	749	745	748	740	729	705	678	737
01/13/2013	CST	718	707	701	678	670	678	693	667	691	710	685	680	748	716	695	699	724	677	660	712	722	695	655	706
01/14/2013	CST	689	678	674	677	689	723	762	646	605	594	608	686	738	710	682	687	717	586	535	501	488	474	627	749
01/15/2013	CST	709	693	693	677	681	709	774	754	717	681	653	619	654	632	619	634	670	684	886	684	658	636	589	617
01/16/2013	CST	580	555	542	537	557	600	690	693	675	671	674	661	726	709	685	691	729	749	774	715	685	739	708	762
01/17/2013	CST	735	719	710	704	708	735	799	779	743	715	688	666	718	692	677	692	720	715	728	723	721	695	656	703
01/18/2013	CST	676	657	645	638	640	658	713	700	669	645	631	613	655	631	605	602	618	620	629	616	602	583	558	600
01/19/2013	CST	592	573	567	569	567	564	583	596	611	636	653	663	741	738	740	752	772	764	776	755	753	734	697	766
01/20/2013	CST	753	740	732	728	729	735	752	724	734	737	725	711	782	760	746	750	776	778	797	799	789	773	742	811
01/21/2013	CST	796	783	785	787	798	826	646	592	547	534	630	933	885	849	828	823	838	694	627	585	564	634	782	858
01/22/2013	CST	830	817	807	802	812	841	788	716	679	662	653	646	720	811	842	833	834	654	693	561	538	609	752	789
01/23/2013	CST	755	736	738	733	737	767	787	679	640	678	723	748	817	805	790	798	827	660	614	577	561	644	799	852
01/24/2013	CST	824	809	798	793	798	611	574	567	540	554	800	946	915	887	852	860	875	688	609	562	537	615	754	781
01/25/2013	CST	742	710	692	684	693	726	798	794	764	745	729	712	773	752	728	725	743	735	708	732	744	725	699	762
01/26/2013	CST	743	732	725	720	720	728	747	689	720	744	735	713	769	732	700	692	696	676	686	676	662	641	611	658
01/27/2013	CST	636	624	619	617	620	631	651	640	647	635	612	594	632	608	590	592	608	620	635	627	611	581	544	567

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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)
01/28/2013	CST	543	533	521	517	521	548	616	634	613	607	603	587	634	621	608	612	623	628	638	626	610	583	541	539
01/29/2013	CST	545	532	524	525	537	575	640	588	596	635	623	612	665	652	643	644	639	637	662	657	645	623	579	612
01/30/2013	CST	597	605	615	622	633	682	734	725	703	695	686	672	730	721	714	722	742	736	764	757	753	733	694	757
01/31/2013	CST	737	731	728	732	743	777	833	791	763	755	747	740	813	735	778	781	794	750	745	798	785	763	723	786
02/01/2013	CST	769	770	783	782	778	823	850	682	726	742	720	735	850	826	802	790	788	750	760	744	730	713	663	741
02/02/2013	CST	722	713	709	712	720	739	752	735	744	745	731	706	766	743	725	714	714	687	703	695	681	664	639	703
02/03/2013	CST	682	668	662	658	656	653	679	661	672	668	651	635	695	675	657	658	678	668	684	680	675	662	650	704
02/04/2013	CST	684	675	672	670	678	709	771	733	731	716	695	672	724	638	673	683	704	690	712	697	670	635	590	627
02/05/2013	CST	602	591	571	567	589	626	700	704	674	664	647	629	675	690	643	649	674	674	701	699	689	655	616	657
02/06/2013	CST	631	614	608	605	618	646	709	712	675	661	631	605	645	630	623	611	613	601	631	625	624	616	585	624
02/07/2013	CST	602	590	586	589	595	623	697	685	658	639	617	595	634	614	602	609	630	624	609	660	654	631	597	641
02/08/2013	CST	616	603	600	598	610	643	638	626	640	655	623	590	630	610	597	599	615	600	620	612	603	587	563	600
02/09/2013	CST	574	568	552	546	544	656	572	568	580	579	568	546	579	555	546	547	556	643	567	567	549	530	502	536
02/10/2013	CST	512	502	500	498	504	510	510	517	534	545	553	559	621	604	593	592	601	597	609	603	586	565	534	582
02/11/2013	CST	561	562	549	550	554	575	610	611	618	627	624	609	654	628	606	595	602	599	638	640	625	604	564	608
02/12/2013	CST	586	576	567	565	574	669	665	658	617	583	552	526	584	549	534	537	549	551	584	582	570	552	526	553
02/13/2013	CST	527	511	502	509	528	560	634	633	688	580	560	539	574	552	541	544	561	548	580	581	577	566	535	567
02/14/2013	CST	549	538	539	540	564	588	661	664	604	574	568	538	582	593	579	583	606	602	651	654	647	637	606	650
02/15/2013	CST	633	622	619	622	640	678	659	575	557	571	589	634	672	637	613	604	613	609	650	652	645	639	616	606
02/16/2013	CST	644	632	625	624	628	639	693	630	643	637	609	586	619	585	568	573	579	574	604	604	592	578	567	613
02/17/2013	CST	597	580	568	558	560	567	579	560	571	573	561	549	594	568	549	547	559	607	668	651	650	635	603	530
02/18/2013	CST	504	489	483	488	508	542	536	590	598	609	612	611	673	661	650	668	688	648	703	721	706	685	655	720
02/19/2013	CST	608	608	605	601	708	735	802	782	758	732	711	687	752	732	710	717	717	702	750	751	735	708	676	727
02/20/2013	CST	723	714	707	706	717	744	818	776	718	681	651	626	674	653	630	628	657	653	680	691	680	656	624	674
02/21/2013	CST	651	643	634	632	643	672	741	726	689	651	621	591	642	622	604	610	627	617	650	649	639	619	586	633
02/22/2013	CST	610	596	592	588	594	613	682	682	660	642	620	579	609	579	577	579	590	575	606	605	590	573	550	600
02/23/2013	CST	581	570	565	565	571	573	599	586	595	587	563	524	533	504	480	480	505	505	549	560	556	545	534	581
02/24/2013	CST	595	584	583	583	587	601	625	600	608	594	564	542	580	549	529	528	545	551	596	606	590	572	537	575
02/25/2013	CST	557	545	545	548	562	593	659	661	625	598	571	550	580	555	538	538	554	548	599	612	603	586	551	587
02/26/2013	CST	567	554	553	553	551	593	686	646	605	579	559	536	565	548	528	528	544	551	589	602	591	572	535	553
02/27/2013	CST	544	538	539	544	558	565	670	651	604	577	552	531	570	553	542	550	567	568	608	619	612	587	550	578
02/28/2013	CST	552	538	534	533	545	575	645	636	607	591	567	541	575	554	538	540	559	560	596	604	599	584	550	552
03/01/2013	CST	673	665	661	663	676	607	676	661	625	591	548	526	565	543	524	517	524	516	560	579	581	573	555	609
03/02/2013	CST	596	591	590	595	605	623	649	622	627	614	592	560	603	577	568	557	566	554	576	578	572	556	530	567

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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)
03/03/2013	CST	549	536	530	530	534	548	573	557	563	549	530	515	554	535	523	530	549	552	586	593	578	558	523	557
03/04/2013	CST	540	531	528	528	537	569	642	635	617	614	606	597	641	628	611	612	623	606	634	635	617	586	547	582
03/05/2013	CST	557	539	530	526	536	568	630	617	599	578	557	536	573	553	543	555	577	575	608	621	611	585	544	584
03/06/2013	CST	565	553	549	548	559	591	658	638	590	556	532	531	555	542	528	529	543	547	592	616	615	597	562	611
03/07/2013	CST	597	593	603	596	606	643	717	673	625	590	572	551	585	568	550	545	558	534	567	585	593	575	540	588
03/08/2013	CST	540	510	502	504	522	552	619	512	593	570	551	527	550	527	511	510	523	515	535	545	538	527	499	534
03/09/2013	CST	512	498	492	492	493	504	526	519	538	545	533	521	548	525	511	514	524	519	544	554	545	529	508	552
03/10/2013	CST	538	533	530	528	537	555	644	636	612	583	556	592	567	550	542	547	538	563	594	620	603	573	614	596
03/11/2013	CST	583	581	586	600	631	700	699	666	639	618	589	622	584	557	545	545	538	556	582	596	574	542	572	560
03/12/2013	CST	536	536	539	553	587	661	662	636	612	583	556	592	567	550	542	547	538	563	594	620	603	573	614	596
03/13/2013	CST	591	596	603	619	657	733	669	655	643	613	581	620	588	562	555	562	563	574	602	621	599	556	579	551
03/14/2013	CST	536	527	523	530	559	633	637	598	562	536	513	536	515	492	485	488	479	494	528	582	550	521	544	524
03/15/2013	CST	514	511	517	534	571	641	646	623	611	603	584	626	606	595	597	607	584	593	605	620	607	582	637	617
03/16/2013	CST	612	614	615	625	638	664	643	652	639	616	593	637	600	573	562	561	537	555	594	630	623	607	672	662
03/17/2013	CST	659	659	664	669	679	696	663	671	664	648	635	700	669	640	631	636	613	621	641	646	617	578	618	590
03/18/2013	CST	571	558	561	552	574	626	622	625	629	625	618	661	634	616	610	617	605	620	648	673	656	621	671	653
03/19/2013	CST	643	641	645	657	686	752	735	707	654	619	596	647	610	585	576	579	556	574	607	644	635	607	657	640
03/20/2013	CST	634	635	635	644	678	751	729	683	644	613	586	632	601	575	564	565	543	557	589	630	624	597	649	629
03/21/2013	CST	629	631	639	652	686	747	684	686	672	628	578	619	591	565	553	549	523	543	575	622	609	585	628	614
03/22/2013	CST	610	614	621	637	673	743	689	677	658	618	582	611	577	550	535	535	517	525	545	569	561	535	572	549
03/23/2013	CST	526	534	546	557	577	600	590	596	577	546	517	536	500	452	439	439	427	441	462	511	513	496	532	514
03/24/2013	CST	505	505	505	509	518	539	533	548	540	520	497	532	502	481	479	483	514	535	560	582	560	525	555	535
03/25/2013	CST	527	522	525	535	570	644	645	609	588	560	530	555	528	510	502	505	466	508	533	570	562	530	563	550
03/26/2013	CST	547	552	560	577	614	692	677	635	592	563	540	569	535	514	523	519	488	498	520	561	556	518	545	533
03/27/2013	CST	528	533	540	558	594	673	663	618	570	540	521	550	521	497	484	484	470	479	513	547	558	520	538	519
03/28/2013	CST	510	509	512	528	562	634	551	508	582	526	497	516	493	479	477	478	465	472	487	521	514	488	502	482
03/29/2013	CST	476	480	486	499	528	581	575	571	557	537	513	531	514	491	478	476	465	469	465	474	464	447	461	432
03/30/2013	CST	402	406	418	432	448	472	457	486	479	463	447	464	419	394	384	381	388	412	431	461	460	439	460	440
03/31/2013	CST	430	432	437	447	474	512	510	522	513	495	479	511	479	461	455	461	452	474	506	550	549	524	565	552
04/01/2013	CST	547	549	555	569	600	667	649	619	592	571	551	584	558	535	516	510	493	505	524	560	555	523	551	535
04/02/2013	CST	531	536	542	556	598	673	656	605	565	543	526	552	523	502	494	495	482	490	504	545	539	509	535	523
04/03/2013	CST	521	524	530	548	589	665	655	602	574	553	535	554	534	518	510	511	503	510	516	533	515	474	481	462
04/04/2013	CST	453	454	458	470	510	588	588	549	524	506	491	521	504	487	480	483	469	478	500	543	545	515	540	627
04/05/2013	CST	522	525	518	509	547	619	604	569	556	560	548	577	555	541	535	542	527	525	526	541	532	501	620	496

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04/06/2013	CST	474	457	451	453	464	485	484	502	508	505	494	513	486	470	469	475	470	474	474	492	484	461	486	460
04/07/2013	CST	447	440	438	441	450	468	457	481	484	483	477	504	480	456	465	478	482	493	501	512	498	463	476	455
04/08/2013	CST	444	441	447	460	489	567	577	556	546	537	522	556	534	522	521	531	525	539	552	578	574	534	573	556
04/09/2013	CST	552	555	554	557	602	675	659	628	599	578	555	589	561	540	536	540	519	524	535	565	563	524	543	523
04/10/2013	CST	514	514	512	528	567	638	631	602	577	560	533	553	532	511	505	503	494	500	509	532	523	488	498	475
04/11/2013	CST	486	462	459	471	505	579	581	555	550	546	536	570	549	539	543	557	543	550	555	571	562	521	543	515
04/12/2013	CST	503	499	490	498	529	593	591	566	545	525	503	520	500	484	481	487	477	484	495	514	511	487	512	489
04/13/2013	CST	478	476	451	443	458	483	495	512	501	488	470	486	458	436	430	413	397	406	425	459	471	432	456	442
04/14/2013	CST	445	456	462	469	480	499	482	492	492	490	487	525	504	499	498	505	503	511	520	531	518	487	505	484
04/15/2013	CST	476	473	470	470	506	551	546	553	543	519	501	522	504	486	482	489	485	492	497	516	509	473	492	473
04/16/2013	CST	464	455	456	472	509	579	574	534	502	484	460	477	455	441	438	443	439	453	467	488	485	451	462	439
04/17/2013	CST	428	424	422	434	469	535	532	504	483	469	455	478	482	449	447	460	459	467	476	502	507	473	467	436
04/18/2013	CST	428	427	436	461	502	572	569	543	530	515	494	512	494	494	498	505	496	501	504	525	532	497	516	494
04/19/2013	CST	485	485	491	502	538	601	592	560	534	520	502	528	508	489	476	473	456	454	462	491	505	464	513	495
04/20/2013	CST	492	488	503	506	524	543	516	516	508	492	471	487	451	440	430	429	421	426	430	456	475	459	481	459
04/21/2013	CST	446	458	464	470	478	490	485	495	491	487	484	526	510	493	478	472	453	474	487	503	508	476	491	472
04/22/2013	CST	467	469	469	480	516	565	563	547	542	533	519	541	516	495	485	492	487	497	502	518	524	488	508	488
04/23/2013	CST	483	487	487	502	542	607	591	543	513	490	484	507	490	471	461	459	444	451	460	486	500	469	478	457
04/24/2013	CST	454	456	459	475	515	581	579	538	499	487	478	501	483	464	462	469	465	476	487	508	513	477	485	404
04/25/2013	CST	458	461	457	470	506	573	561	525	504	490	473	492	467	450	446	445	436	447	459	476	482	445	445	424
04/26/2013	CST	412	412	406	418	451	509	516	499	485	468	454	468	453	429	416	410	406	400	400	411	422	400	373	345
04/27/2013	CST	336	336	352	354	381	398	420	436	442	435	421	409	395	380	375	373	375	374	373	385	405	382	356	338
04/28/2013	CST	309	305	306	309	318	329	357	385	397	409	403	401	365	348	345	342	351	379	383	395	414	391	360	348
04/29/2013	CST	350	357	368	386	425	488	515	482	469	450	448	435	428	417	413	417	416	424	429	439	434	394	358	339
04/30/2013	CST	331	329	333	341	372	437	476	457	449	427	402	394	398	391	389	396	403	431	453	470	482	449	422	409
05/01/2013	CST	409	409	410	422	461	531	565	544	531	521	510	494	491	486	482	485	490	496	498	513	520	485	455	441
05/02/2013	CST	435	438	437	450	487	548	575	545	538	535	525	512	501	490	487	488	488	492	504	517	529	501	469	454
05/03/2013	CST	451	455	458	471	507	565	579	544	521	507	489	473	462	448	440	435	433	436	438	445	458	435	407	391
05/04/2013	CST	384	384	382	386	405	424	452	476	483	481	471	457	442	427	426	414	405	412	415	429	443	423	401	385
05/05/2013	CST	376	376	373	378	394	405	430	440	453	447	442	434	428	414	407	406	412	416	422	430	441	412	373	357
05/06/2013	CST	353	356	356	369	406	468	493	467	455	445	436	428	422	414	410	398	393	392	401	414	435	400	357	332
05/07/2013	CST	324	324	321	332	364	423	454	435	407	401	394	397	404	398	395	395	399	394	396	403	420	383	338	310
05/08/2013	CST	301	296	291	298	327	388	431	416	413	416	408	401	399	396	397	403	411	412	412	417	432	397	353	331
05/09/2013	CST	324	325	322	336	369	434	470	446	436	431	424	410	413	406	401	401	404	402	397	381	405	376	338	321

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05/10/2013	CST	339	342	342	353	385	444	475	450	436	434	424	411	402	392	387	388	399	386	387	394	415	398	372	355
05/11/2013	CST	349	347	346	356	377	395	428	458	470	468	462	447	431	417	405	401	403	403	407	417	441	431	405	391
05/12/2013	CST	387	392	398	407	418	427	439	444	434	422	409	396	378	363	357	358	362	371	385	402	419	389	351	330
05/13/2013	CST	324	331	340	350	382	445	488	474	463	451	443	431	426	412	405	404	410	413	421	427	447	417	366	334
05/14/2013	CST	317	309	299	287	316	376	415	402	398	400	400	401	411	406	401	404	409	412	408	393	368	368	322	291
05/15/2013	CST	280	287	292	305	331	390	424	394	390	392	394	395	392	390	394	399	404	406	405	407	425	401	357	345
05/16/2013	CST	332	328	323	327	351	407	433	422	420	419	419	411	407	406	408	404	413	412	414	422	390	350	322	
05/17/2013	CST	311	305	301	307	331	388	430	425	425	420	405	394	382	375	371	371	382	387	395	394	409	390	354	329
05/18/2013	CST	312	302	298	301	311	322	345	378	398	410	416	417	412	402	402	403	405	405	399	394	404	380	344	318
05/19/2013	CST	303	289	286	279	278	287	312	354	375	387	402	407	400	394	398	403	429	438	439	443	444	408	360	313
05/20/2013	CST	303	299	300	309	336	398	440	429	435	440	438	438	438	435	440	448	455	460	451	449	460	412	374	350
05/21/2013	CST	339	334	334	344	373	432	472	461	463	463	461	456	452	448	446	449	458	459	459	453	448	415	375	350
05/22/2013	CST	337	332	329	338	365	420	453	434	423	417	414	412	407	400	395	397	399	397	398	403	420	398	353	325
05/23/2013	CST	312	307	309	318	343	402	438	417	408	408	407	406	402	394	391	393	397	396	396	401	417	398	352	322
05/24/2013	CST	309	308	292	291	315	367	406	413	417	420	412	405	399	391	385	377	381	385	385	385	397	376	347	342
05/25/2013	CST	330	323	320	321	323	330	349	372	389	390	385	376	365	362	346	345	346	355	357	364	383	371	340	317
05/26/2013	CST	305	297	297	299	300	308	335	365	381	383	387	382	371	360	352	349	356	358	328	327	340	338	330	314
05/27/2013	CST	306	301	297	299	305	312	328	357	376	384	383	375	367	359	356	360	372	378	373	374	382	357	317	291
05/28/2013	CST	282	272	272	279	303	365	410	398	387	406	409	408	405	398	394	397	406	409	409	409	420	401	352	322
05/29/2013	CST	303	296	294	301	319	369	406	404	406	414	417	420	418	410	410	417	422	418	407	406	419	398	355	324
05/30/2013	CST	308	303	300	308	331	378	414	415	423	428	420	395	394	392	400	416	428	426	418	421	429	368	348	318
05/31/2013	CST	304	302	293	295	302	342	380	380	397	397	403	402	399	391	387	384	383	379	376	368	367	348	317	301
06/01/2013	CST	293	285	281	286	290	302	332	363	383	395	398	392	380	371	365	362	368	373	372	369	378	378	353	332
06/02/2013	CST	322	317	314	317	318	324	346	365	374	375	371	371	354	372	370	367	380	387	390	391	403	366	345	319
06/03/2013	CST	307	303	301	313	335	385	418	418	418	420	409	414	410	404	403	408	415	421	420	420	423	391	349	324
06/04/2013	CST	313	305	304	316	356	408	447	447	453	456	450	435	421	401	394	401	406	417	423	426	415	380	342	318
06/05/2013	CST	305	299	298	304	328	377	421	421	422	414	418	416	404	395	389	388	390	388	387	387	393	385	342	317
06/06/2013	CST	304	299	299	307	328	379	413	415	409	410	408	405	402	398	393	386	386	386	383	387	399	387	344	312
06/07/2013	CST	293	288	285	290	309	353	388	396	398	401	402	398	393	384	378	377	374	369	365	362	370	362	329	302
06/08/2013	CST	280	279	279	283	281	297	326	353	368	376	374	370	365	359	357	358	362	360	352	350	353	349	318	294
06/09/2013	CST	279	270	263	263	258	263	287	318	341	356	368	368	351	347	355	366	379	382	376	370	371	355	319	293
06/10/2013	CST	283	277	277	284	304	352	395	400	404	397	397	386	378	383	400	399	410	414	409	410	416	402	355	320
06/11/2013	CST	300	292	288	290	304	352	385	383	387	395	399	403	406	403	402	403	406	409	410	407	406	392	341	302
06/12/2013	CST	278	267	260	263	277	324	368	378	384	390	394	392	387	385	385	387	387	385	382	380	383	375	337	305

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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)
06/13/2013	CST	289	282	277	282	295	339	380	383	381	386	389	407	412	410	414	423	428	428	428	430	437	422	375	335
06/14/2013	CST	312	301	297	297	310	351	395	408	417	425	422	423	428	427	426	413	400	391	381	378	382	372	338	309
06/15/2013	CST	285	273	265	263	259	273	305	336	359	372	376	375	373	373	376	381	387	387	386	386	382	375	338	306
06/16/2013	CST	288	279	273	269	261	265	296	331	356	370	379	387	383	382	388	394	402	404	402	399	400	386	337	304
06/17/2013	CST	288	276	274	280	294	339	385	397	407	417	431	435	440	436	434	431	435	442	431	423	421	405	357	324
06/18/2013	CST	304	294	290	292	304	351	394	398	407	419	425	427	429	427	436	444	450	448	424	415	410	394	343	304
06/19/2013	CST	290	284	280	288	299	346	392	410	423	432	447	455	457	462	470	476	479	495	489	472	463	444	390	347
06/20/2013	CST	323	310	299	301	314	356	393	405	416	429	423	434	447	449	450	452	459	455	444	442	425	382	345	312
06/21/2013	CST	297	286	280	287	305	341	387	411	435	462	472	474	480	478	461	451	440	433	420	407	405	389	350	318
06/22/2013	CST	297	285	279	279	278	284	316	355	379	397	404	410	409	413	420	427	434	432	422	410	402	390	361	322
06/23/2013	CST	302	282	274	269	269	271	293	325	348	360	374	383	385	388	391	400	415	414	405	401	401	385	336	302
06/24/2013	CST	285	276	280	287	301	350	397	417	435	457	468	477	485	471	481	488	491	489	484	472	459	438	382	339
06/25/2013	CST	313	294	287	291	303	348	400	422	438	460	484	497	509	507	500	513	520	522	506	492	472	434	373	333
06/26/2013	CST	312	301	296	297	316	352	390	405	427	447	462	469	480	477	487	497	500	496	484	468	458	438	381	342
06/27/2013	CST	322	318	320	320	332	389	418	441	458	472	479	490	497	497	502	502	490	486	472	459	445	431	378	337
06/28/2013	CST	317	302	292	294	305	346	390	409	422	430	436	437	442	441	445	452	451	443	433	415	408	399	361	330
06/29/2013	CST	310	299	292	291	288	298	329	376	402	418	435	443	444	431	420	426	432	429	419	405	392	384	348	315
06/30/2013	CST	297	289	281	277	269	272	300	337	367	390	407	419	427	428	437	446	452	457	450	443	435	418	360	334
07/01/2013	CST	306	297	292	295	307	349	395	421	439	456	474	486	498	502	509	514	515	514	502	487	477	451	392	349
07/02/2013	CST	328	318	311	312	327	367	414	437	459	487	495	505	521	527	532	532	539	541	538	520	509	488	432	385
07/03/2013	CST	353	338	328	327	340	377	426	440	459	484	500	512	528	548	550	545	543	538	524	503	488	471	414	362
07/04/2013	CST	334	327	318	312	307	311	339	380	419	440	458	462	460	461	467	474	474	464	451	433	418	400	383	355
07/05/2013	CST	326	312	305	302	305	320	356	400	439	469	488	498	504	504	508	511	514	508	490	468	455	440	392	347
07/06/2013	CST	321	309	301	296	295	299	321	353	382	399	408	410	413	418	424	430	434	437	428	414	409	401	365	332
07/07/2013	CST	311	299	294	289	282	287	319	361	400	428	437	451	452	453	455	457	466	469	467	461	458	439	382	330
07/08/2013	CST	305	297	300	302	313	356	408	439	463	482	502	514	526	532	534	543	551	549	540	535	525	496	432	387
07/09/2013	CST	359	344	338	338	355	397	430	430	445	462	470	473	478	485	482	478	476	469	455	442	439	418	372	340
07/10/2013	CST	319	308	302	305	321	361	395	408	426	442	455	455	462	467	478	485	489	492	482	470	463	439	397	348
07/11/2013	CST	325	312	303	304	318	356	394	414	439	460	475	492	504	501	512	524	527	536	525	512	510	486	432	391
07/12/2013	CST	365	351	343	339	351	385	433	459	482	502	519	530	538	536	535	525	516	492	476	465	465	454	412	377
07/13/2013	CST	355	336	323	318	317	323	359	397	430	452	472	489	494	499	506	516	522	515	496	466	448	429	399	368
07/14/2013	CST	342	333	330	320	321	320	344	371	389	401	412	420	421	422	424	429	439	443	441	441	443	422	376	340
07/15/2013	CST	322	312	305	311	331	372	416	430	444	457	470	483	485	480	482	485	478	474	466	460	462	439	388	349
07/16/2013	CST	329	316	309	311	330	370	420	448	471	500	520	536	524	474	485	490	501	533	532	515	500	479	420	379

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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)
07/17/2013	CST	359	333	321	319	334	372	414	438	459	475	500	517	532	539	547	550	546	537	517	501	493	465	409	366
07/18/2013	CST	345	330	323	323	343	383	429	452	477	504	526	542	554	562	573	581	582	576	571	550	539	509	449	403
07/19/2013	CST	372	351	339	336	347	374	417	440	490	480	492	499	503	503	502	491	474	455	430	412	411	399	361	330
07/20/2013	CST	309	295	285	281	283	289	317	347	366	375	382	383	391	378	380	385	392	388	379	370	368	358	324	298
07/21/2013	CST	282	276	270	270	269	268	293	325	352	371	375	382	384	391	404	414	427	434	436	436	439	408	367	346
07/22/2013	CST	333	370	316	322	338	372	417	425	428	438	444	450	447	456	433	427	419	419	413	400	403	393	350	319
07/23/2013	CST	301	292	282	266	307	340	371	384	394	402	410	411	415	418	422	427	421	417	416	405	409	389	344	311
07/24/2013	CST	292	280	276	281	297	334	374	388	403	414	420	427	437	440	450	459	481	488	478	468	460	432	380	347
07/25/2013	CST	324	311	300	301	318	348	382	396	411	428	445	454	461	460	465	466	462	457	439	421	420	399	357	328
07/26/2013	CST	313	303	297	303	320	351	387	397	409	418	417	415	414	405	401	401	396	387	379	370	377	362	332	309
07/27/2013	CST	294	285	278	278	284	287	318	351	384	394	394	386	381	378	378	381	367	363	358	351	354	342	314	291
07/28/2013	CST	278	269	257	264	266	261	285	317	340	352	363	366	361	359	367	383	398	402	401	395	400	371	325	310
07/29/2013	CST	297	290	283	288	306	340	379	395	407	419	423	424	425	424	429	433	434	435	423	419	424	391	347	314
07/30/2013	CST	297	289	284	291	312	347	385	403	413	428	440	446	449	449	453	454	450	454	450	443	445	419	383	357
07/31/2013	CST	330	319	316	314	331	369	414	428	440	458	465	457	460	454	457	459	451	460	447	435	442	414	357	312
08/01/2013	CST	284	281	235	304	325	360	399	410	425	440	448	454	460	460	466	474	472	470	453	440	447	422	377	346
08/02/2013	CST	325	315	339	311	309	333	369	388	402	413	417	422	425	425	434	437	438	430	417	403	406	384	349	321
08/03/2013	CST	304	294	287	289	293	298	327	357	379	387	395	398	398	393	393	401	407	404	383	376	391	374	343	319
08/04/2013	CST	302	293	289	288	292	291	314	341	361	371	374	379	380	379	395	395	392	391	392	391	406	377	337	310
08/05/2013	CST	294	293	287	292	314	350	385	402	404	395	408	405	409	409	420	432	435	446	441	433	438	402	355	326
08/06/2013	CST	307	299	295	298	314	354	392	405	419	434	448	454	453	451	447	441	435	431	428	420	423	390	351	325
08/07/2013	CST	305	301	295	300	320	356	389	400	409	418	422	421	424	421	422	427	431	431	427	426	431	394	351	323
08/08/2013	CST	300	287	276	292	322	358	392	407	420	430	433	435	437	434	435	435	432	425	418	414	424	394	354	323
08/09/2013	CST	306	299	292	296	315	349	387	404	416	424	428	424	420	413	408	407	404	401	395	391	398	375	345	324
08/10/2013	CST	308	301	298	296	305	313	336	365	383	393	395	393	392	388	393	398	404	402	396	389	395	374	343	318
08/11/2013	CST	300	285	279	279	294	294	311	341	365	376	398	396	400	401	407	416	430	434	430	428	433	393	347	317
08/12/2013	CST	300	292	284	288	300	325	363	377	389	404	430	446	451	446	456	460	458	460	450	439	440	398	352	322
08/13/2013	CST	307	299	294	298	318	357	392	403	414	429	436	443	445	445	451	458	457	464	454	446	449	407	359	329
08/14/2013	CST	313	305	297	295	316	355	389	399	413	426	435	438	443	436	440	448	457	442	421	418	423	395	345	317
08/15/2013	CST	305	297	293	295	319	362	394	405	420	432	441	446	454	451	439	454	473	470	460	459	454	422	377	344
08/16/2013	CST	325	310	304	309	328	365	397	416	437	456	471	476	483	483	487	491	490	480	461	445	447	411	371	341
08/17/2013	CST	322	311	305	302	307	315	338	373	399	418	428	435	441	442	448	455	451	454	440	432	433	402	365	339
08/18/2013	CST	323	313	300	296	295	299	316	353	386	410	431	451	461	470	479	489	500	502	490	488	484	439	389	357
08/19/2013	CST	345	334	323	326	346	390	417	447	474	506	533	549	566	580	569	512	521	520	551	585	538	486	446	408

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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)
08/20/2013	CST	382	365	354	355	376	420	451	463	491	521	544	565	575	596	514	547	597	587	588	585	586	533	471	427
08/21/2013	CST	393	373	360	357	374	415	447	444	458	480	486	489	608	517	525	536	539	533	515	505	495	450	402	368
08/22/2013	CST	347	334	323	324	345	389	421	413	426	444	455	463	472	474	484	494	498	493	481	482	479	434	384	350
08/23/2013	CST	334	322	314	316	335	378	409	419	424	441	451	477	494	502	510	517	515	505	490	489	486	438	397	336
08/24/2013	CST	347	340	338	341	353	368	395	437	477	504	530	548	557	563	565	565	569	562	547	540	533	494	450	418
08/25/2013	CST	397	382	371	357	357	363	384	439	489	524	553	578	589	593	600	602	605	605	592	588	569	518	460	423
08/26/2013	CST	403	389	380	379	401	449	485	508	541	573	595	596	599	587	582	586	587	585	572	576	556	498	443	407
08/27/2013	CST	386	371	361	362	386	436	469	472	486	517	542	568	585	599	610	623	627	621	605	601	589	530	469	429
08/28/2013	CST	404	391	386	387	409	465	494	497	512	503	528	571	592	568	535	544	544	577	583	688	574	511	454	413
08/29/2013	CST	390	376	369	366	387	433	467	460	452	463	504	532	552	559	568	574	573	566	552	552	536	481	426	391
08/30/2013	CST	366	352	345	347	368	418	451	462	476	495	517	533	547	552	563	572	572	567	535	525	499	459	423	391
08/31/2013	CST	352	317	315	320	324	351	371	415	460	491	510	514	504	493	485	483	480	463	455	459	442	405	369	341
09/01/2013	CST	328	316	309	307	310	315	327	353	373	380	384	395	382	378	381	390	399	401	395	401	398	370	341	321
09/02/2013	CST	310	305	305	305	311	318	330	360	389	407	416	407	393	396	404	434	450	457	457	470	448	397	353	329
09/03/2013	CST	315	308	308	317	341	406	432	427	432	442	438	442	454	485	481	506	520	519	513	525	501	443	391	358
09/04/2013	CST	342	333	329	332	357	419	443	437	442	450	456	459	465	467	456	460	466	465	452	468	442	401	373	350
09/05/2013	CST	336	327	324	334	361	424	451	443	450	457	458	467	482	496	503	516	527	527	522	533	514	460	410	382
09/06/2013	CST	361	348	343	345	369	436	468	474	494	514	531	550	566	566	569	580	579	565	553	558	537	494	454	406
09/07/2013	CST	382	375	373	366	390	351	376	425	462	490	505	520	529	531	534	537	528	505	484	488	464	424	384	358
09/08/2013	CST	340	328	322	324	329	339	354	380	399	405	414	417	417	418	420	425	440	441	448	461	435	391	355	333
09/09/2013	CST	322	316	317	326	353	417	455	444	438	433	437	437	438	432	428	440	442	445	452	481	459	412	367	316
09/10/2013	CST	288	291	305	317	347	415	442	432	437	428	444	447	453	457	464	466	452	454	451	472	451	415	372	329
09/11/2013	CST	312	305	301	306	331	400	426	421	435	448	456	462	468	471	479	480	474	468	462	472	457	405	358	339
09/12/2013	CST	325	318	313	316	340	407	434	426	429	434	426	425	427	429	437	442	442	439	441	459	440	394	352	329
09/13/2013	CST	320	316	313	319	345	411	438	431	432	436	435	435	439	439	442	443	432	425	417	429	422	350	356	335
09/14/2013	CST	316	306	305	311	321	343	361	381	402	410	417	413	411	401	404	406	411	410	413	420	401	374	345	325
09/15/2013	CST	310	304	297	297	303	313	331	361	378	395	379	390	373	372	383	389	395	403	415	436	411	373	339	321
09/16/2013	CST	313	307	308	319	349	421	451	439	434	437	436	435	431	429	431	433	439	442	449	466	442	398	359	339
09/17/2013	CST	328	323	318	326	355	429	452	415	411	411	411	411	410	404	405	411	421	432	451	459	432	387	353	331
09/18/2013	CST	322	317	315	321	348	419	450	432	427	422	423	421	424	420	423	434	445	451	467	477	450	406	362	338
09/19/2013	CST	327	319	313	315	339	407	440	423	423	429	431	433	432	428	429	436	433	422	437	451	423	376	340	322
09/20/2013	CST	316	311	308	315	342	409	445	433	431	432	429	424	422	416	414	414	418	418	428	438	422	394	364	342
09/21/2013	CST	332	327	327	329	338	365	388	411	421	419	411	403	393	391	376	381	386	388	398	418	401	375	350	334
09/22/2013	CST	325	320	318	319	327	345	365	393	404	404	406	409	404	399	405	415	429	433	453	460	430	388	350	330

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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)
09/23/2013	CST	320	315	316	321	349	418	449	441	442	441	444	449	452	452	458	463	465	465	475	479	447	398	356	333
09/24/2013	CST	319	313	312	318	350	418	453	444	445	450	451	455	446	441	451	461	465	465	474	481	452	407	360	335
09/25/2013	CST	329	323	320	329	359	426	452	435	436	443	448	440	425	434	443	451	465	454	472	480	451	407	371	347
09/26/2013	CST	334	326	324	328	356	427	456	433	435	439	441	440	447	445	449	454	454	445	467	480	448	401	355	328
09/27/2013	CST	311	302	300	317	343	405	444	428	426	431	429	429	430	421	422	427	428	424	429	423	403	377	347	330
09/28/2013	CST	317	308	305	306	313	336	367	393	413	423	421	413	403	391	388	388	389	387	404	406	391	368	348	330
09/29/2013	CST	320	313	313	315	322	340	365	388	397	396	396	396	391	385	386	393	407	416	445	443	411	373	339	320
09/30/2013	CST	308	304	303	310	337	405	440	429	428	432	437	440	444	442	442	445	447	451	475	476	447	402	360	338
10/01/2013	CST	323	320	316	322	350	422	450	435	418	419	434	429	430	425	427	432	436	438	463	468	439	399	363	347
10/02/2013	CST	335	331	330	335	361	432	464	439	437	437	429	422	417	415	415	424	436	445	474	471	445	406	369	354
10/03/2013	CST	345	343	338	337	378	457	492	457	457	454	440	434	437	434	438	445	453	468	491	485	461	425	389	369
10/04/2013	CST	359	350	354	361	392	460	502	498	486	455	446	446	468	467	469	476	484	489	497	486	466	431	403	389
10/05/2013	CST	381	375	370	372	386	410	437	460	478	485	455	460	466	456	451	455	454	442	452	457	445	422	393	377
10/06/2013	CST	369	365	351	361	368	384	413	428	434	429	425	420	407	395	391	393	401	413	455	452	428	392	362	347
10/07/2013	CST	340	341	346	360	397	473	513	486	479	472	458	440	435	435	434	437	441	453	493	488	462	421	385	369
10/08/2013	CST	360	355	355	362	394	463	495	460	461	455	450	443	440	436	438	440	441	450	485	480	452	409	376	354
10/09/2013	CST	335	335	338	348	378	458	495	469	458	452	443	435	433	427	427	433	435	446	481	476	451	412	379	363
10/10/2013	CST	354	349	346	352	391	449	474	439	434	426	421	418	420	433	427	408	410	419	450	444	419	395	342	324
10/11/2013	CST	332	327	326	331	359	425	462	446	443	442	441	422	413	405	401	403	405	405	410	398	378	353	326	311
10/12/2013	CST	305	315	326	334	345	352	387	414	436	447	445	435	426	413	412	414	414	425	457	460	445	409	375	363
10/13/2013	CST	300	358	357	359	366	395	415	441	450	449	443	435	424	411	410	416	430	454	495	488	461	429	394	356
10/14/2013	CST	356	353	356	368	402	473	510	488	485	489	501	505	503	499	502	514	531	547	542	511	482	440	406	388
10/15/2013	CST	382	398	393	403	430	487	525	505	500	503	496	489	486	480	476	485	491	507	526	512	487	454	420	400
10/16/2013	CST	395	395	398	413	451	522	555	519	500	489	476	459	445	432	425	425	429	452	490	486	464	429	398	381
10/17/2013	CST	372	369	369	379	427	483	528	524	505	515	515	502	500	499	498	501	511	541	564	554	532	499	472	458
10/18/2013	CST	447	442	442	451	482	514	555	553	544	534	522	505	496	489	492	498	503	523	539	537	516	487	459	443
10/19/2013	CST	435	430	430	431	447	470	500	520	522	525	528	519	507	495	490	495	508	528	543	526	500	481	442	428
10/20/2013	CST	419	418	414	415	424	445	472	488	497	501	505	508	501	495	497	508	527	556	570	553	531	492	458	440
10/21/2013	CST	431	430	433	449	488	562	607	587	583	577	567	560	563	553	553	563	523	523	543	610	607	547	504	474
10/22/2013	CST	462	462	464	471	505	583	620	581	559	555	562	574	585	562	574	590	607	627	608	613	588	537	501	486
10/23/2013	CST	480	477	480	489	525	600	640	613	602	593	580	569	571	571	578	594	613	631	638	623	588	548	514	494
10/24/2013	CST	487	483	485	496	532	611	673	622	633	608	613	584	575	577	591	604	610	599	567	554	633	583	543	521
10/25/2013	CST	516	516	519	530	566	641	696	650	626	613	597	688	647	621	607	605	610	537	554	545	631	605	480	460
10/26/2013	CST	451	447	452	451	480	514	565	579	597	599	584	574	585	653	647	647	651	611	608	610	598	551	518	500

**Annual Electric Balancing Authority Area and Planning
 Area Report**
 For the Year Ending December 31, 2013

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

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)
10/27/2013	CST	490	485	485	487	495	515	547	594	550	539	530	523	517	515	520	533	555	587	604	583	559	518	494	496
10/28/2013	CST	480	491	497	510	551	634	665	630	647	621	605	587	573	562	551	555	581	636	657	649	628	591	561	546
10/29/2013	CST	541	540	539	554	589	668	712	697	678	656	639	619	606	596	600	610	623	644	649	637	610	589	535	516
10/30/2013	CST	508	499	497	508	542	616	622	587	603	620	622	620	608	598	601	611	626	650	648	628	598	555	519	498
10/31/2013	CST	487	463	479	488	520	595	634	599	597	597	591	575	566	564	567	580	581	600	605	600	578	536	511	496
11/01/2013	CST	490	494	498	513	546	622	662	641	626	619	610	591	578	563	527	537	572	604	611	599	578	590	525	511
11/02/2013	CST	508	506	508	517	534	566	607	629	625	602	594	569	546	529	518	522	537	580	596	585	587	535	509	494
11/03/2013	CST	487	480	480	482	485	472	495	531	576	579	561	552	542	530	523	526	544	584	580	568	546	523	486	438
11/04/2013	CST	427	431	423	429	462	509	585	617	602	599	606	609	602	595	587	594	615	656	670	668	643	621	585	561
11/05/2013	CST	551	547	548	553	569	606	681	655	630	623	618	640	617	602	633	615	636	667	678	689	652	623	585	562
11/06/2013	CST	552	549	553	560	577	619	691	711	678	662	644	627	608	591	536	580	616	630	583	572	649	639	593	602
11/07/2013	CST	580	569	563	563	574	613	688	688	657	644	631	613	632	611	597	601	626	650	652	645	638	615	599	621
11/08/2013	CST	589	590	581	577	585	618	677	681	666	662	659	654	683	663	659	665	657	642	618	598	575	545	554	
11/09/2013	CST	523	510	507	507	513	538	557	565	588	602	608	604	639	624	615	614	626	630	627	613	608	571	537	556
11/10/2013	CST	533	522	520	520	529	550	569	563	582	587	581	576	616	586	538	586	606	633	642	640	630	619	595	640
11/11/2013	CST	623	617	615	619	632	695	720	713	709	713	716	707	750	733	719	718	735	745	754	744	728	702	665	706
11/12/2013	CST	686	675	669	665	676	710	780	748	705	688	663	640	672	653	636	631	654	680	692	686	673	642	601	606
11/13/2013	CST	585	572	567	566	573	616	691	683	646	623	608	574	567	548	539	544	582	613	629	604	583	572	543	547
11/14/2013	CST	638	624	616	619	632	696	642	648	625	616	607	593	618	605	600	597	589	588	625	604	588	575	556	598
11/15/2013	CST	544	534	531	533	548	586	654	654	625	600	581	567	583	570	560	562	576	594	588	574	567	545	516	512
11/16/2013	CST	487	478	486	490	497	521	551	581	577	583	581	573	597	571	552	555	580	589	584	571	554	533	508	522
11/17/2013	CST	498	488	473	474	490	507	529	540	560	573	581	592	650	638	637	643	662	666	667	660	641	622	585	617
11/18/2013	CST	595	585	579	581	592	628	699	698	667	654	650	635	670	650	642	586	577	590	632	681	674	637	688	814
11/19/2013	CST	587	576	573	574	583	618	690	684	659	648	642	626	660	646	640	631	653	655	646	628	607	577	532	536
11/20/2013	CST	510	499	493	492	508	548	622	637	609	599	589	580	616	613	613	624	655	663	665	664	655	629	593	623
11/21/2013	CST	605	599	601	604	618	656	731	726	701	690	685	681	735	731	721	731	757	759	759	753	743	719	690	728
11/22/2013	CST	708	698	690	696	695	724	788	766	733	727	732	722	775	757	747	754	778	782	784	768	760	745	709	748
11/23/2013	CST	723	715	719	721	730	741	777	754	762	752	735	708	758	727	705	706	729	608	599	681	729	723	705	763
11/24/2013	CST	739	724	715	714	712	723	739	723	733	724	703	691	735	704	684	670	684	675	666	653	631	603	563	581
11/25/2013	CST	581	561	545	550	583	572	632	641	623	624	631	630	679	667	666	675	701	698	696	689	678	654	617	660
11/26/2013	CST	639	637	637	636	648	686	762	757	720	700	691	676	730	708	696	704	734	738	739	740	731	705	659	717
11/27/2013	CST	690	678	672	667	676	706	770	758	734	731	727	716	769	741	722	713	727	711	712	700	684	661	621	646
11/28/2013	CST	636	611	602	604	611	622	642	630	651	658	645	620	658	609	579	574	601	591	592	608	628	630	613	677
11/29/2013	CST	658	645	639	635	636	651	673	654	659	651	652	630	668	646	627	625	643	639	629	619	605	687	557	591

**Annual Electric Balancing Authority Area and Planning
 Area Report
 For the Year Ending December 31, 2013**

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

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)
11/30/2013	CST	565	547	535	533	541	556	578	576	595	612	613	603	651	631	613	615	637	637	632	626	612	590	565	607
12/01/2013	CST	581	567	560	559	554	573	589	586	605	614	618	617	671	648	633	630	664	669	669	661	645	617	578	612
12/02/2013	CST	583	571	563	561	569	601	669	674	646	639	635	627	663	623	615	621	657	671	677	669	654	610	564	593
12/03/2013	CST	574	575	572	572	585	619	685	688	660	656	657	651	705	690	683	691	717	712	708	697	690	648	606	641
12/04/2013	CST	612	595	588	590	602	634	704	700	672	667	671	668	734	724	716	730	763	760	759	752	735	705	664	719
12/05/2013	CST	694	685	683	686	700	737	798	777	763	755	738	725	795	780	775	788	825	819	823	814	802	777	736	789
12/06/2013	CST	765	755	750	744	750	795	856	837	806	776	748	729	795	778	768	780	823	807	808	803	799	792	765	832
12/07/2013	CST	815	797	780	785	790	810	837	809	827	815	796	755	826	812	795	793	826	821	829	824	816	857	847	823
12/08/2013	CST	802	790	782	779	777	784	798	769	783	783	772	761	832	807	784	780	803	791	789	779	765	742	705	769
12/09/2013	CST	750	744	745	750	785	801	877	863	831	808	772	739	810	791	781	803	844	829	835	829	809	775	721	772
12/10/2013	CST	746	739	737	740	750	785	857	834	795	757	741	730	799	779	761	771	814	810	809	807	800	781	742	803
12/11/2013	CST	785	778	775	776	788	823	933	855	826	795	765	742	812	796	795	818	857	841	836	825	811	776	724	777
12/12/2013	CST	751	737	729	722	723	748	813	706	680	700	677	674	785	764	742	712	726	725	763	754	747	726	687	741
12/13/2013	CST	719	705	699	697	709	742	813	803	779	770	762	748	816	798	795	807	803	796	793	803	785	764	733	800
12/14/2013	CST	771	751	742	735	735	744	772	756	671	612	600	719	846	793	768	775	794	785	782	778	771	757	733	801
12/15/2013	CST	778	775	758	767	771	785	805	780	793	659	590	583	759	812	804	808	829	666	677	704	741	824	752	797
12/16/2013	CST	769	749	738	729	732	757	820	801	765	742	716	680	720	683	663	669	702	711	711	695	676	651	603	626
12/17/2013	CST	698	596	532	585	599	642	722	731	703	689	676	666	721	704	695	712	765	775	782	784	777	753	710	757
12/18/2013	CST	729	711	698	690	694	723	789	770	720	690	656	623	665	646	635	659	702	720	731	738	733	717	678	730
12/19/2013	CST	705	698	702	710	728	768	844	832	771	756	785	791	855	835	798	791	653	556	569	557	679	779	750	796
12/20/2013	CST	786	768	763	758	763	795	783	664	685	704	707	691	752	761	761	706	682	661	625	617	613	703	755	796
12/21/2013	CST	755	737	726	720	726	740	765	749	760	712	651	597	672	732	772	768	784	635	619	627	758	781	742	802
12/22/2013	CST	776	759	746	738	748	765	781	758	775	782	772	760	814	765	774	772	799	794	808	810	804	785	752	818
12/23/2013	CST	797	789	783	786	802	832	884	784	690	684	652	655	814	873	838	831	850	677	680	779	836	832	804	880
12/24/2013	CST	877	865	837	825	823	837	864	825	828	832	834	823	876	822	789	766	764	730	705	682	669	655	629	680
12/25/2013	CST	650	621	604	598	597	606	627	613	630	636	631	616	657	621	608	614	640	639	640	639	633	620	596	664
12/26/2013	CST	634	624	618	620	629	656	696	687	699	696	690	677	732	709	686	686	696	619	598	656	670	639	601	638
12/27/2013	CST	607	583	575	571	577	600	636	633	624	614	593	572	603	584	576	587	612	556	548	555	598	571	541	568
12/28/2013	CST	540	524	515	514	520	537	561	585	607	625	632	705	702	703	721	771	788	776	774	757	756	735	810	
12/29/2013	CST	796	784	777	774	774	779	791	755	770	765	747	734	804	779	763	772	793	680	680	704	697	785	776	835
12/30/2013	CST	816	800	791	784	783	801	844	735	747	756	752	750	827	803	807	814	784	691	705	607	843	822	794	857
12/31/2013	CST	834	823	816	812	818	838	746	686	687	691	687	680	756	896	876	876	843	757	754	771	846	819	786	859

**Annual Electric Balancing Authority Area and Planning
 Area Report
 For the Year Ending December 31, 2013**

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

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

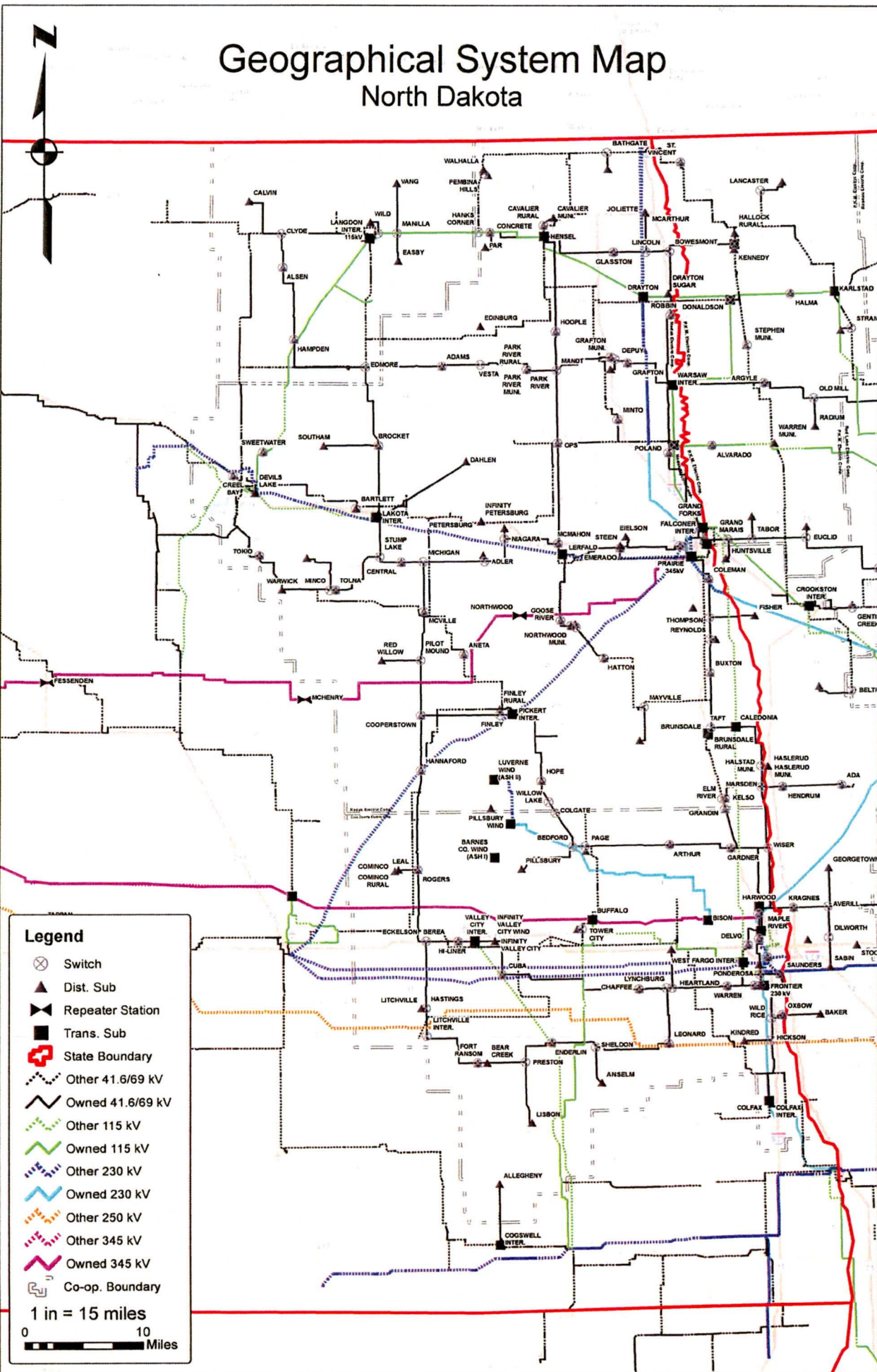
Provide the planning area's forecast summer and winter peak demand, in megawatts, and annual net energy for load, in megawatt-hours, for the next ten years.

Line No (a)	Year (b)	Summer Forecast (MW) (c)	Winter Forecast (MW) (d)	Forecast of Annual Net Energy for Load (MWh) (e)
1	2014	620	993	4,494,564
2	2015	633	1,015	4,586,924
3	2016	647	1,037	4,690,841
4	2017	661	1,059	4,795,917
5	2018	676	1,082	4,901,228
6	2019	690	1,104	5,006,972
7	2020	704	1,127	5,112,777
8	2021	719	1,150	5,219,119
9	2022	733	1,172	5,326,039
10	2023	748	1,195	5,433,116

EXHIBIT III

Minnkota Power Cooperative Electric System Maps

Geographical System Map North Dakota



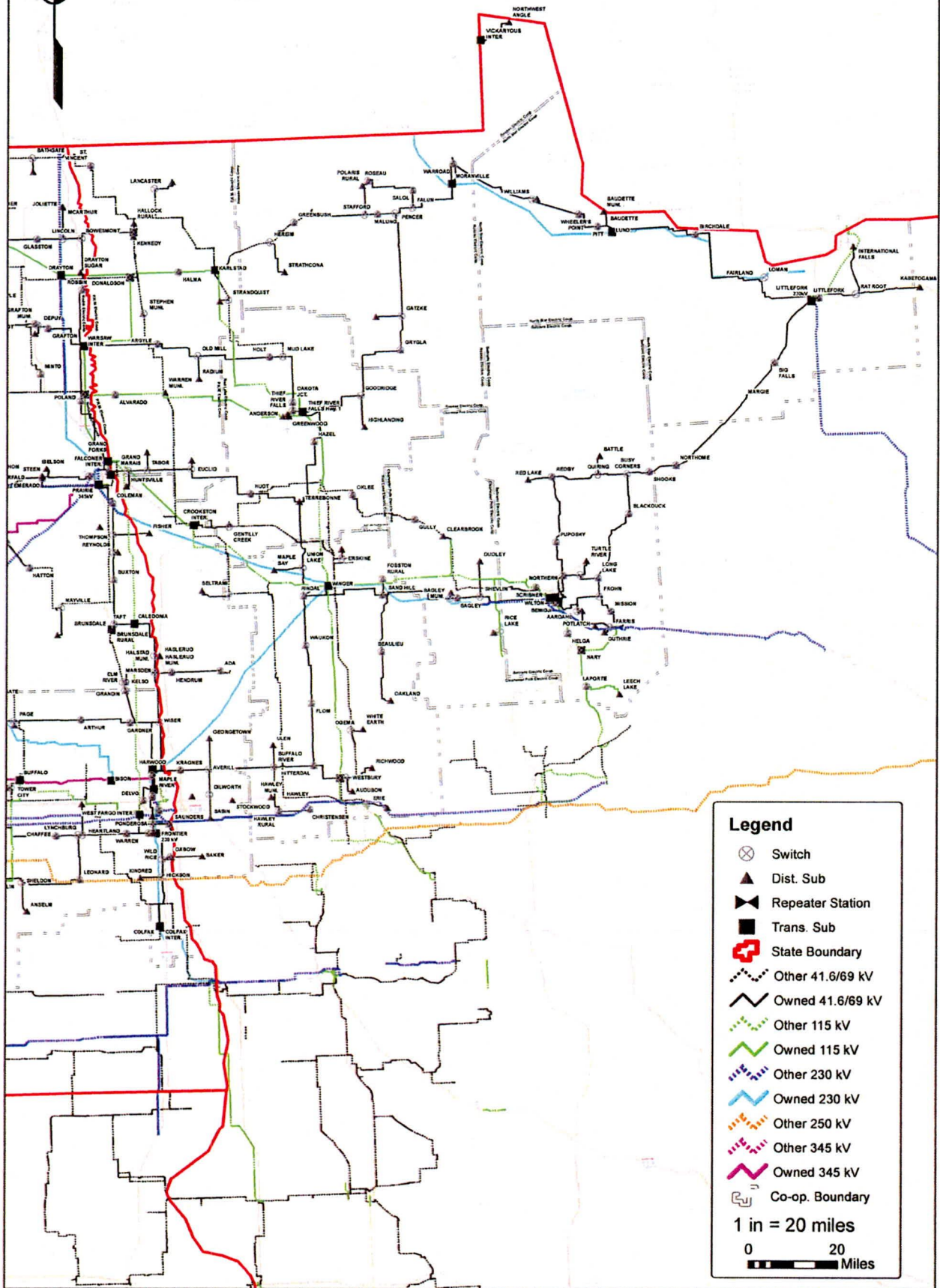
Legend

- ⊗ 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
- ⋯ Other 345 kV
- Owned 345 kV
- ⬮ Co-op. Boundary

1 in = 15 miles

0 10 Miles

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
- ⋯ Other 345 kV
- Owned 345 kV
- ⊞ Co-op. Boundary

1 in = 20 miles
0 20
Miles

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