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July 1, 2015

Mr. Daniel P. Wolf  
Executive Secretary  
Minnesota Public Utilities Commission  
121 Seventh Place East, Suite 350  
St. Paul, MN 55101-2147

Re: Demand Entitlement Filing  
Docket No. G004/M-15-\_\_\_

Dear Mr. Wolf:

Great Plains Natural Gas Co. (Great Plains), a Division of MDU Resources Group, Inc., herewith electronically submits its Demand Entitlement Filing pursuant to Minnesota Rule 7825.2910, Subpart 2 for the 2015-2016 winter heating season.

Great Plains is requesting incremental capacity on the TFX Seasonal contract from Northern Natural Gas Co. (Northern) and incremental capacity on a FT-A Seasonal contract from Viking, as shown on Exhibit A. Great Plains requests that the additional capacity be effective November 1, 2015.

In support of the filing Great Plains has attached the following exhibits:

Exhibit A – Demand Profile  
Exhibit B – Design Day Capacity  
Exhibit C – Rate Impacts  
Exhibit D – Demand Entitlement Analysis

Exhibit A - Demand Profile

In the North District, Great Plains has contracted for capacity of 5,000 dk per day with the receipt point of Emerson and 10,000 dk per day with the receipt point of Chisago, both on the Viking pipeline system. As noted in the update to Docket No. G004/M-14-563 on November 25, 2014, Great Plains entered into a 90 day (December through February) contract for 500 dk of firm gas at the town border station delivery points with a current gas supplier for the 2014-2015 heating season. That contract has expired and Great Plains will replace the capacity

provided under the 2014-2015 contract along with contracting for an additional 700 dk for a total of 1,200 dk of incremental capacity on Viking. The North District capacity for the 2015-2016 heating season will increase 700 dk from the 2014-2015 heating season and Great Plains projects a 5.1 percent reserve for the upcoming heating season, including the additional capacity. This capacity level is sufficient to meet the estimated peak day demand.

In the South District, Great Plains will increase its existing firm transportation contracts by 730 dk to 17,875 dk of capacity and projects a 6.0 percent reserve for the upcoming heating season, including the additional capacity. Pursuant to Northern's FERC tariff, Northern adjusts each TF12 contract between TF12 Base and TF12 Variable effective November 1 of each year, based on the amount of capacity used during the preceding May – September period. At this time, the amount of the adjustment is not yet known, however, the change is normally not significant and there is no deliverability difference between the TF12 Base and TF12 Variable entitlement. The change in the TF12 Base and TF12 Variable will be known by November 1, 2015 and Great Plains will provide a report to the Commission regarding the amount of the TF12 Base and TF12 Variable in place for the 2015-2016 season.

Great Plains' analyses indicate that with the addition of 730 dk seasonal capacity in the South and the addition of 700 dk seasonal capacity in the North, it will have adequate capacity to serve its firm service customers in the 2015-2016 heating season. Prior to the heating season, Great Plains will review the reserve margins to ensure adequate capacity is available to meet the projected peak day demand. The options available include balancing the reserve capacity of the North and South Districts, contracting for additional seasonal and/or annual firm transportation capacity, or monthly gate station deliveries from marketers on the Northern Natural and/or Viking pipeline systems.

Finally, pages 2 and 3 of Exhibit A show the demand profile history for the 2013-2014, 2014-2015 and the proposed 2015-2016 heating seasons.

#### Exhibit B – Design Day Capacity

In support of its proposed demand profile, Great Plains has provided its design day calculations for the North District and South District in Exhibit B.

In compliance with the determinations made in Docket No. G004/M-03-303 and its Agreement with the Department, Great Plains performed a regression analysis using 36 months of history in its design day methodology. This produces an estimate of the design day demand for firm gas service and supports the required pipeline capacity levels. Due to the different weather patterns in its service area, Great Plains performed regressions for the South District, Crookston and Fergus Falls areas in the North District, and Wahpeton, North Dakota in the North District. The calculations are consistent with the design day methodologies accepted by the Commission in its Order dated January 9, 2014 in Docket No. G004/M-13-566. Based on the study and Great Plains' proposed capacity levels, Great Plains is anticipating a reserve

margin of 5.1 percent in the North District and 6.0 percent in the South District for a total reserve margin of 5.6 percent.

### Future Changes

The current abundance of supply, with the economic energy source natural gas provides, is bringing about the conversion of users of alternate fuels to natural gas as the desired form of energy. Great Plains continues to see interest for natural gas throughout its service territory and anticipates additional growth of this reasonably priced clean burning fuel. Great Plains will continue to monitor customer growth and related increase in demand as well as the offsetting effect of conservation. Great Plains is also reviewing combining the North and South districts and the potential benefits to its customers.

### Exhibit C – Rate Impacts

Exhibit C shows the impacts to customers due to the capacity changes discussed above. There is a decrease of 0.2 percent in the demand component for firm customers in the North District based on the proposed capacity levels and current pricing and an increase of 3.2 percent in the demand component for firm customers in the South District from the rates in effect in June 2015. The estimated rate impacts are also based on the availability of seasonal contracts for the incremental capacity.

### Exhibit D – Demand Entitlement Analysis

Exhibit D reflects the historical design day requirement, total entitlement and peak day design, entitlement and firm sendout per customer for the 1995-1996 to the 2015-2016 heating seasons.

If you have any questions regarding this filing, please contact me at (701) 222-7856, or Brian M. Meloy, at (612) 335-1451.

Sincerely,

*/s/ Tamie A. Aberle*

Tamie A. Aberle  
Director of Regulatory Affairs

cc: Brian M. Meloy

**GREAT PLAINS NATURAL GAS CO.**  
**DEMAND ENTITLEMENT FILING 2015 - 2016 HEATING SEASON**  
**DEMAND PROFILE EFFECTIVE NOVEMBER 1, 2015**

<u>Type of Capacity or Entitlement</u>	<u>Current Amount</u>	<u>Proposed Change</u>	<u>Proposed Amount</u>	<u>Contract Length</u>	<u>Expiration Date</u>
<b><u>Demand Profile for South District (dk):</u></b>					
TF12 Base (Summer & Winter) 1/	5,100	0	5,100	5 years	10/31/19
TF12 Variable (Summer & Winter) 1/	2,435	0	2,435	5 years	10/31/19
TF5 (November - March) 1/	3,410	0	3,410	5 years	10/31/19
TFX Seasonal (November - March)	1,000	0	1,000	10.5 years	3/31/25
TFX Seasonal (November - March)	0	730	730	5 months	3/31/16
TFX Seasonal (November - March)	5,200	0	5,200	5 years	10/31/19
Subtotal	17,145	730	17,875		
FT-A - Zone 1-1 (April - October)	5,000	0	5,000	1 year	10/31/16
SMS	2,500	0	2,500	5 years	10/31/19
FDD-1 Reservation	4,640	0	4,640	5 years	5/31/16
Heating Season Total Capacity:	17,145	730	17,875		
Non-Heating Season Total Capacity:	12,535	0	12,535		
Forecasted Heating Season Design Day:	16,312	546	16,858		
Estimated Non-Heating Season Design Day:	8,727	309	9,036		
Heating Season Capacity: Surplus/(Shortage)	833	184	1,017		
Non-Heating Season Capacity: Surplus/(Shortage)	3,808	(309)	3,499		
<b><u>Demand Profile for North District (dk) 2/</u></b>					
FT-A	8,000	0	8,000	5 years	10/31/17
FT-A - Zone 1-1 (November - March)	5,000	0	5,000	1 year	10/31/16
TFX Seasonal (November - March)	2,000	0	2,000	5 years	10/31/19
BP Seasonal Contract	500	(500)	0	3 months	2/28/15
FT-A Seasonal (November - March)	0	1,200	1,200	5 months	3/31/16
Subtotal	15,500	700	16,200		
FT-A Seasonal (November - March) 3/	2,000	0	2,000	1 years	10/31/16
LMS Demand	2,500	0	2,500	1 year	10/31/16
TFX (Annual)	13,000	0	13,000	11.5 years	3/31/24
Heating Season Total Capacity:	15,500	700	16,200		
Non-Heating Season Total Capacity:	8,000	0	8,000		
Forecasted Heating Season Design Day:	14,812	597	15,409		
Estimated Non-Heating Season Design Day:	8,404	337	8,741		
Heating Season Capacity: Surplus/(Shortage)	688	103	791		
Non-Heating Season Capacity: Surplus/(Shortage)	(404)	(337)	(741)		

1/ Effective November 1, 2014.

2/ Minnesota North District communities plus Wahpeton, ND.

3/ Northern Natural - Chisago.

**GREAT PLAINS NATURAL GAS CO.  
DEMAND PROFILE  
NORTH DISTRICT**

2013-2014 Heating Season G004/M-13-566		2014-2015 Heating Season G004/M-14-563		2015-2016 Heating Season G004/M-15-		Difference
	Quantity (dk)		Quantity (dk)		Quantity (dk)	
FT-A (12 months)	8,000	FT-A (12 months)	8,000	FT-A (12 months)	8,000	0
FT-A (November through March)	5,000	FT-A (November through March)	5,000	FT-A (November through March)	6,200	1,200
BP Seasonal (Firm Gas to TBS)	-	BP Seasonal (Firm Gas to TBS)	500	BP Seasonal (Firm Gas to TBS)	-	(500)
TFX (November through March)	2,000	TFX (November through March)	2,000	TFX (November through March)	2,000	0
TFX (12 months)	13,000	TFX (12 months)	13,000	TFX (12 months)	13,000	0
FT-A (November through March)	2,000	FT-A (November through March)	2,000	FT-A (November through March)	2,000	0
LMS Demand	2,500	LMS Demand	2,500	LMS Demand	2,500	0
Heating Season Total Capacity	15,000	Heating Season Total Capacity	15,500	Heating Season Total Capacity	16,200	700
Non-Heating Season Total Capacity	8,000	Non-Heating Season Total Capacity	8,000	Non-Heating Season Total Capacity	8,000	0
Total Entitlement (Including Peak Shaving)	15,000	Total Entitlement	15,500	Total Entitlement	16,200	700
Total Annual Transportation	8,000	Total Annual Transportation	8,000	Total Annual Transportation	8,000	0
Total Season Transportation	7,000	Total Season Transportation	7,000	Total Season Transportation	8,200	1,200
Total Percent Seasonal	46.67%	Total Percent Seasonal	45.16%	Total Percent Seasonal	50.62%	0

**GREAT PLAINS NATURAL GAS CO.  
DEMAND PROFILE  
SOUTH DISTRICT**

2013-2014 Heating Season G004/M-13-566		2014-2015 Heating Season G004/M-14-563		2015-2016 Heating Season G004/M-15-		Difference
	Quantity (dk)		Quantity (dk)		Quantity (dk)	
TF-12 Base	4,758	TF-12 Base	5,100	TF-12 Base	5,100	0
TF-12 Variable	2,777	TF-12 Variable	2,435	TF-12 Variable	2,435	0
FT-A (April through October)	5,000	FT-A (April through October)	5,000	FT-A (April through October)	5,000	0
TF-5 (November through March)	3,410	TF-5 (November through March)	3,410	TF-5 (November through March)	3,410	0
TFX (November through March)	4,700	TFX (November through March)	6,200	TFX (November through March)	6,930	730
SMS	2,500	SMS	2,500	SMS	2,500	0
FDD-1 Reservation	4,640	FDD-1 Reservation	4,640	FDD-1 Reservation	4,640	0
Heating Season Total Capacity	15,645	Heating Season Total Capacity	17,145	Heating Season Total Capacity	17,875	730
Non-Heating Season Total Capacity	12,535	Non-Heating Season Total Capacity	12,535	Non-Heating Season Total Capacity	12,535	0
Total Entitlement (Including Peak Shaving)	15,645	Total Entitlement (Including Peak Shaving)	17,145	Total Entitlement (Including Peak Shaving)	17,875	730
Total Annual Transportation	7,535	Total Annual Transportation	7,535	Total Annual Transportation	7,535	0
Total Season Transportation	8,110	Total Season Transportation	9,610	Total Season Transportation	10,340	730
Percent TF-5	31.16%	Percent TF-5	31.16%	Percent TF-5	31.16%	0
Total Percent Seasonal	51.84%	Total Percent Seasonal	56.05%	Total Percent Seasonal	57.85%	0

**GREAT PLAINS NATURAL GAS CO.  
DEMAND ENTITLEMENT FILING 2015 - 2016 HEATING SEASON  
DESIGN DAY - NOVEMBER 2015**

Area	Customer Factors 1/			Design HDD 2/	No. of Customers 3/	Projected Customers 4/	Peak/ Customer	Projected Peak Day (dk)	L&UA 5/	Projected Design	Capacity	Reserve
	Dk/day	Dk/DD	RSqr									
Crookston	0.03758	0.01365	0.96749	96	2,443	2,522	1.34798	3,400	24	3,424		
North 4	0.05383	0.01330	0.95654	91	7,045	7,146	1.26413	9,033	64	9,097		
Wahpeton	0.10387	0.01335	0.93378	91	2,164	2,175	1.31872	2,868	20	2,888		
Total North District					11,652	11,843		15,301	108	15,409	16,200	5.1%
South 13	0.05172	0.01613	0.97273	83	11,881	12,039	1.39051	16,740	118	16,858	17,875	6.0%
Total					23,533	23,882		32,041	226	32,267	34,075	5.6%

1/ Use per customer factors based on regression analysis for the 36 months ending March 2015.

2/ Design Heating Degree Days Base 60 degrees F.

3/ Reflects monthly average for December 2014 - February 2015.

4/ Customer growth is based on regression analysis for the 36 months ending March 2015 with composite growth rates of: Crookston = 0.72%, North = 1.16%, Wahpeton = 1.24%, South = 1.07%.

5/ Lost and Unaccounted for Gas percentage of 0.7%.

**GREAT PLAINS NATURAL GAS CO.  
RATE EFFECT OF PROPOSED DEMAND - NOVEMBER 1, 2015  
NORTH DISTRICT**

	Last Rate Case 1/	Last Demand Change 2/	June		% Change from		June 2015 PGA	Change from June 2015 PGA
			2015 PGA 3/	Proposed 4/	Last Rate Case	Last Demand Change		
<b>Residential</b>								
Commodity Cost of Gas	\$5.5520	\$3.6376	\$2.8196	\$2.8196	-49.2%	-22.5%	0.0%	\$0.0000
Demand Cost of Gas	2.0613	1.6133	1.5982	1.5945	-22.6%	-1.2%	-0.2%	(0.0037)
Commodity Margin 5/	1.7671	1.7729	1.7729	1.7729	0.3%	0.0%	0.0%	0.0000
Total Rate	9.3804	7.0238	6.1907	6.1870	-34.0%	-11.9%	-0.1%	(0.0037)
Average Annual Usage (dk)	103.8	103.8	103.8	103.8				
Average Annual Cost of Gas	\$973.69	\$729.07	\$642.59	\$642.21	-34.0%	-11.9%	-0.1%	(\$0.38)
<b>Firm General Service</b>								
Commodity Cost of Gas	\$5.5520	\$3.6376	\$2.8196	\$2.8196	-49.2%	-22.5%	0.0%	\$0.0000
Demand Cost of Gas	2.0613	1.6133	1.5982	1.5945	-22.6%	-1.2%	-0.2%	(0.0037)
Commodity Margin	1.4471	1.4593	1.4593	1.4593	0.8%	0.0%	0.0%	0.0000
Total Rate	9.0604	6.7102	5.8771	5.8734	-35.2%	-12.5%	-0.1%	(0.0037)
Average Annual Usage (dk)	375.7	375.7	375.7	375.7				
Average Annual Cost of Gas	\$3,403.99	\$2,521.02	\$2,208.03	\$2,206.64	-35.2%	-12.5%	-0.1%	(\$1.39)

<b>Customer Class</b>	Commodity Change		Demand Change		Total Change		Average Annual Bill Change
	(\$/dk)	(Percent)	(\$/dk)	(Percent)	(\$/dk)	(Percent)	
Residential	\$0.0000	0.0%	(\$0.0037)	-0.2%	(\$0.0037)	-0.1%	(\$0.38)
Firm General Service	0.0000	0.0%	(0.0037)	-0.2%	(0.0037)	-0.1%	(\$1.39)

1/ Base Cost of Gas Effective January 2007 in Docket No. G004/MR-06-1141.  
2/ Demand in Docket No. G004/M-15-22, effective January 1, 2015.  
3/ June 2015 PGA.  
4/ Proposed in this docket, G004/M-15-\_\_\_\_ effective November 1, 2015.  
5/ Includes CCRA and GAP.



**GREAT PLAINS NATURAL GAS CO.  
RATE EFFECT OF PROPOSED DEMAND - NOVEMBER 1, 2015  
SOUTH DISTRICT**

	Last Rate Case 1/	Last Demand Change 2/	June 2015 PGA 3/	Proposed 4/	% Change from		June 2015 PGA	Change from June 2015 PGA
					Last Rate Case	Last Demand Change		
<b>Residential</b>								
Commodity Cost of Gas	\$5.8954	\$3.7415	\$2.8442	\$2.8442	-51.8%	-24.0%	0.0%	\$0.0000
Demand Cost of Gas	1.8689	1.3141	1.2808	1.3217	-29.3%	0.6%	3.2%	0.0409
Commodity Margin 5/	1.4279	1.3889	1.3889	1.3889	-2.7%	0.0%	0.0%	0.0000
Total Rate	9.1922	6.4445	5.5139	5.5548	-39.6%	-13.8%	0.7%	0.0409
Average Annual Usage (dk)	88.2	88.2	88.2	88.2				
Average Annual Cost of Gas	\$810.75	\$568.40	\$486.33	\$489.93	-39.6%	-13.8%	0.7%	\$3.60
<b>Firm General Service</b>								
Commodity Cost of Gas	\$5.8954	\$3.7415	\$2.8442	\$2.8442	-51.8%	-24.0%	0.0%	\$0.0000
Demand Cost of Gas	1.8689	1.3141	1.2808	1.3217	-29.3%	0.6%	3.2%	0.0409
Commodity Margin	1.1775	1.1411	1.1411	1.1411	-3.1%	0.0%	0.0%	0.0000
Total Rate	8.9418	6.1967	5.2661	5.3070	-40.6%	-14.4%	0.8%	0.0409
Average Annual Usage (dk)	340.9	340.9	340.9	340.9				
Average Annual Cost of Gas	\$3,048.26	\$2,112.46	\$1,795.21	\$1,809.16	-40.6%	-14.4%	0.8%	\$13.95
<b>Customer Class</b>								
	Commodity Change		Demand Change		Total Change		Average Annual	
	(\$/dk)	(Percent)	(\$/dk)	(Percent)	(\$/dk)	(Percent)	Bill Change	
Residential	\$0.0000	0.0%	\$0.0409	3.2%	\$0.0409	0.7%	\$3.60	
Firm General Service	0.0000	0.0%	0.0409	3.2%	0.0409	0.8%	\$13.95	

1/ Base Cost of Gas Effective January 2007 in Docket No. G004/MR-06-1141.  
2/ Demand in Docket No. G004/M-15-23, effective January 1, 2015.  
3/ June 2015 PGA.  
4/ Proposed in this docket, G004/M-15-\_\_\_\_ effective November 1, 2015.  
5/ Includes CCRA and GAP.

**GREAT PLAINS NATURAL GAS CO.  
DEMAND ENTITLEMENT ANALYSIS  
NORTH DISTRICT**

Heating Season	Number of Firm Customers			Design Day Requirement			Total Entitlement + Storage + Peak Shaving			
	(1) Number of Customers	(2) Change From Previous Year	(3) % Change From Previous Year	(4) Design Day (dk)	(5) Change From Previous Year	(6) % Change From Previous Year	(7) Total Entitlement (dk)	(8) Change From Previous Year	(9) % Change From Previous Year	(10) % of Reserve Margin [(7)-(4)]/(4)
2015-2016	11,843	161	1.38%	15,409	597	4.03%	16,200	700	4.52%	5.13%
2014-2015	11,682	103	0.89%	14,812	672	4.75%	15,500	500	3.33%	4.64%
2013-2014	11,579	172	1.51%	14,140	(104)	-0.73%	15,000	0	0.00%	6.08%
2012-2013	11,407	177	1.58%	14,244	176	1.25%	15,000	159	1.07%	5.31%
2011-2012	11,230	48	0.43%	14,068	(96)	-0.68%	14,841	(1,000)	-6.31%	5.49%
2010-2011	11,182	(12)	-0.11%	14,164	(248)	-1.72%	15,841	0	0.00%	11.84%
2009-2010	11,194	8	0.07%	14,412	(37)	-0.26%	15,841	(1,000)	-5.94%	9.92%
2008-2009	11,186	41	0.37%	14,449	(413)	-2.78%	16,841	0	0.00%	16.55%
2007-2008	11,145	28	0.25%	14,862	(289)	-1.91%	16,841	0	0.00%	13.32%
2006-2007	11,117	(64)	-0.57%	15,151	(673)	-4.25%	16,841	0	0.00%	11.15%
2005-2006	11,181	81	0.73%	15,824	(49)	-0.31%	16,841	0	0.00%	6.43%
2004-2005	11,100	25	0.23%	15,873	(121)	-0.76%	16,841	0	0.00%	6.10%
2003-2004 1/	11,075	2,375	27.30%	15,994	2,559	19.05%	16,841	4,154	32.74%	5.30%
2002-2003	8,700	180	2.11%	13,435	(1,231)	-8.39%	12,687	(2,780)	-17.97%	-5.57%
2001-2002	8,520	19	0.22%	14,666	212	1.47%	15,467	0	0.00%	5.46%
2000-2001	8,501	304	3.71%	14,454	0	0.00%	15,467	0	0.00%	7.01%
1999-2000	8,197	82	1.01%	14,454	618	4.47%	15,467	0	0.00%	7.01%
1998-1999	8,115	227	2.88%	13,836	244	1.80%	15,467	0	0.00%	11.79%
1997-1998	7,888	215	2.80%	13,592	2,415	21.61%	15,467	3,950	34.30%	13.79%
1996-1997	7,673	267	3.61%	11,177	379	3.51%	11,517	1,459	14.51%	3.04%
1995-1996	7,406			10,798			10,058			-6.85%
Annual Average			2.58%			1.90%			2.93%	6.89%

Heating Season	Firm Peak Day Sendout			(14) Excess Per Customer [(7)-(4)]/(1)	(15) Design Day per Customer (4)/(1)	(16) Entitlement per Customer (7)/(1)	(17) Peak Day Sendout per Customer (11)/(1)
	(11) Firm Peak Day Sendout (dk)	(12) Change From Previous Year	(13) % Change From Previous Year				
2015-2016				0.0668	1.3011	1.3679	
2014-2015	13,868	632	4.77%	0.0589	1.2679	1.3268	1.1871
2013-2014	13,236	1,530	13.07%	0.0743	1.2212	1.2954	1.1431
2012-2013	11,706	3,265	38.68%	0.0663	1.2487	1.3150	1.0262
2011-2012	8,441	(2,617)	-23.67%	0.0688	1.2527	1.3215	0.7516
2010-2011	11,058	2,134	23.91%	0.1500	1.2667	1.4167	0.9889
2009-2010	8,924	(769)	-7.93%	0.1277	1.2875	1.4151	0.7972
2008-2009	9,693	(348)	-3.47%	0.2138	1.2917	1.5055	0.8665
2007-2008	10,041	451	4.70%	0.1776	1.3335	1.5111	0.9009
2006-2007	9,590	43	0.45%	0.1520	1.3629	1.5149	0.8626
2005-2006	9,547	(923)	-8.82%	0.0910	1.4153	1.5062	0.8539
2004-2005	10,470	(942)	-8.25%	0.0872	1.4300	1.5172	0.9432
2003-2004	11,412	1,606	16.38%	0.0765	1.4442	1.5206	1.0304
2002-2003	9,806	(3,572)	-26.70%	(0.0860)	1.5443	1.4583	1.1271
2001-2002	13,378	1,699	14.55%	0.0940	1.7214	1.8154	1.5702
2000-2001	11,679	(1,699)	-12.70%	0.1192	1.7003	1.8194	1.3738
1999-2000	13,378	2,196	19.64%	0.1236	1.7633	1.8869	1.6321
1998-1999	11,182	(748)	-6.27%	0.2010	1.7050	1.9060	1.3779
1997-1998	11,930	267	2.29%	0.2377	1.7231	1.9608	1.5124
1996-1997	11,663	551	4.96%	0.0443	1.4567	1.5010	1.5200
1995-1996	11,112			(0.0999)	1.4580	1.3581	1.5004
Annual Average			2.40%	0.0989	1.4447	1.5436	1.1483

1/ Crookston was consolidated with the North District in 2003.

**GREAT PLAINS NATURAL GAS CO.  
DEMAND ENTITLEMENT ANALYSIS  
SOUTH DISTRICT**

Heating Season	Number of Firm Customers			Design Day Requirement			Total Entitlement + Storage + Peak Shaving			
	(1) Number of Customers	(2) Change From Previous Year	(3) % Change From Previous Year	(4) Design Day (dk)	(5) Change From Previous Year	(6) % Change From Previous Year	(7) Total Entitlement (dk)	(8) Change From Previous Year	(9) % Change From Previous Year	(10) % of Reserve Margin [(7)-(4)]/(4)
2015-2016	12,039	197	1.66%	16,858	546	3.35%	17,875	730	4.26%	6.03%
2014-2015	11,842	193	1.66%	16,312	1,019	6.66%	17,145	1,500	9.59%	5.11%
2013-2014	11,649	118	1.02%	15,293	443	2.98%	15,645	0	0.00%	2.30%
2012-2013	11,531	(13)	-0.11%	14,850	(18)	-0.12%	15,645	0	0.00%	5.35%
2011-2012	11,544	(8)	-0.07%	14,868	(297)	-1.96%	15,645	(380)	-2.37%	5.23%
2010-2011	11,552	10	0.09%	15,165	(267)	-1.73%	16,025	(1,170)	-6.80%	5.67%
2009-2010	11,542	77	0.67%	15,432	156	1.02%	17,195	(170)	-0.98%	11.42%
2008-2009	11,465	8	0.07%	15,276	(301)	-1.93%	17,365	0	0.00%	13.68%
2007-2008	11,457	(27)	-0.24%	15,577	(117)	-0.75%	17,365	0	0.00%	11.48%
2006-2007	11,484	(224)	-1.91%	15,694	(699)	-4.26%	17,365	0	0.00%	10.65%
2005-2006	11,708	(92)	-0.78%	16,393	(336)	-2.01%	17,365	0	0.00%	5.93%
2004-2005	11,800	60	0.51%	16,729	92	0.55%	17,365	0	0.00%	3.80%
2003-2004	11,740	40	0.34%	16,637	(413)	-2.42%	17,365	0	0.00%	4.38%
2002-2003	11,700	76	0.65%	17,050	(2,058)	-10.77%	17,365	(2,600)	-13.02%	1.85%
2001-2002	11,624	189	1.65%	19,108	7	0.04%	19,965	0	0.00%	4.49%
2000-2001	11,435	(41)	-0.36%	19,101	0	0.00%	19,965	0	0.00%	4.52%
1999-2000	11,476	280	2.50%	19,101	340	1.81%	19,965	0	0.00%	4.52%
1998-1999	11,196	(25)	-0.22%	18,761	374	2.03%	19,965	0	0.00%	6.42%
1997-1998	11,221	306	2.80%	18,387	431	2.40%	19,965	2,000	11.13%	8.58%
1996-1997	10,915	235	2.20%	17,956	353	2.01%	17,965	1,008	5.94%	0.05%
1995-1996	10,680			17,603			16,957			-3.67%

Annual Average 0.55% -0.34% 0.18% 5.59%

Heating Season	Firm Peak Day Sendout			(14)	(15)	(16)	(17)
	(11) Firm Peak Day Sendout (dk)	(12) Change From Previous Year	(13) % Change From Previous Year	Excess Per Customer [(7)-(4)]/(1)	Design Day per Customer (4)/(1)	Entitlement per Customer (7)/(1)	Peak Day Sendout per Customer (11)/(1)
2015-2016				0.0845	1.4003	1.4848	
2014-2015	15,231	774	5.35%	0.0703	1.3775	1.4478	1.2862
2013-2014	14,457	1,941	15.51%	0.0302	1.3128	1.3430	1.2411
2012-2013	12,516	2,248	21.89%	0.0689	1.2878	1.3568	1.0854
2011-2012	10,268	(1,652)	-13.86%	0.0673	1.2879	1.3552	0.8895
2010-2011	11,920	(692)	-5.49%	0.0744	1.3128	1.3872	1.0319
2009-2010	12,612	(962)	-7.09%	0.1527	1.3370	1.4898	1.0927
2008-2009	13,574	888	7.00%	0.1822	1.3324	1.5146	1.1840
2007-2008	12,686	401	3.26%	0.1561	1.3596	1.5157	1.1073
2006-2007	12,285	(789)	-6.03%	0.1455	1.3666	1.5121	1.0697
2005-2006	13,074	(996)	-7.08%	0.0830	1.4002	1.4832	1.1167
2004-2005	14,070	(626)	-4.26%	0.0539	1.4177	1.4716	1.1924
2003-2004	14,696	425	2.98%	0.0620	1.4171	1.4791	1.2518
2002-2003	14,271	2,151	17.75%	0.0269	1.4573	1.4842	1.2197
2001-2002	12,120	(2,724)	-18.35%	0.0737	1.6438	1.7176	1.0427
2000-2001	14,844	(1,921)	-11.46%	0.0756	1.6704	1.7460	1.2981
1999-2000	16,765	828	5.20%	0.0753	1.6644	1.7397	1.4609
1998-1999	15,937	(133)	-0.83%	0.1075	1.6757	1.7832	1.4235
1997-1998	16,070	115	0.72%	0.1406	1.6386	1.7793	1.4321
1996-1997	15,955	(418)	-2.55%	0.0008	1.6451	1.6459	1.4617
1995-1996	16,373			(0.0605)	1.6482	1.5877	1.5331

Annual Average 0.14% 0.0793 1.4626 1.5420 1.2210