

Pages marked confidential in this exhibit do not contain confidential material. The company requested confidential treatment of certain attachments that are not included in this exhibit.

— CONFIDENTIAL —

- Non Public Document – Contains Trade Secret Data**
 Public Document – Trade Secret Data Excised
 Public Document

Xcel Energy

Docket No.: EL12-046

Response To: South Dakota Public
Utilities Commission

Data Request No. 6-1

Date Received: August 24, 2012

Question:

Please recalculate the weather normalization revenue adjustment per the sales adjustment included as Data Request 6-1 Attachment 1. Please provide revised work papers PF 1-2 and 1-3 and revised revenue models as provided in the response to DR 1-16, Attachments B and C.

Response:

Please see Attachment A to this response for revised work papers PF1-2 and PF1-3. Attachments B and C correspond to the same attachments in response to DR 1-16, but with the sales adjustment included as Data Request 6-1, Attachment 1. Attachments B and C are being provided in live Excel spreadsheet format.

Attachments B and C are marked as "Confidential" in their entirety. The Company does not consider the information in Attachment A to be confidential data.

Request for Confidential Treatment of Information

In accordance with ARSD §§ 20:10:01:39 through 42, Xcel Energy respectfully requests confidential treatment of Attachment B and Attachment C (in their entirety) to this response. In compliance with ARSD § 20:10:01:40, we have clearly marked each page of both attachments as "CONFIDENTIAL." Xcel Energy addresses the requirements for confidential treatment under ARSD §§ 20:10:01:41 as follows:

- (1) An identification of the document and the general subject matter of the materials or the portions of the document for which confidentiality is being requested;

Xcel Energy seeks confidential treatment of information contained in Attachments B and C to this response. Attachments B and C to this response are Sales & Revenue

— CONFIDENTIAL —

data of the Company's Revenue Model containing formulas and trade secret data related to revenue determinations and rate design.

- (2) The length of time for which confidentiality is being requested and a request for handling at the end of that time. This does not preclude a later request to extend the period of confidential treatment;

Xcel Energy request these documents be maintained as confidential forever.

- (3) The name, address, and phone number of a person to be contacted regarding the confidentiality request;

*James C. Wilcox
Manager, Government and Regulatory Affairs
Xcel Energy
500 West Russell Street
Sioux Falls, SD 57104
605-339-8350*

- (4) The statutory or common law grounds and any administrative rules under which confidentiality is requested. Failure to include all possible grounds for confidential treatment does not preclude the party from raising additional grounds in the future.

The material is trade secret information the disclosure of which would result in material damage to Xcel Energy's financial or competitive position. See ARSD §§ 20:10:01:39 and 20:10:01:42.

- (5) The factual basis that qualifies the information for confidentiality under the authority cited.

Xcel Energy treats this material as protected financial information, not released to the public.

Response By: Steve Huso / Thomas E. Kramer
Title: Pricing Consultant / Principal Rate Analyst
Department: Regulatory Analysis / Revenue Requirements - North
Telephone: 612-330-2944 / 612-330-5866
Date: September 17, 2012

South Dakota 2011 Revenue Adjustments

Adjustment Calculations and Recap

Revised As Requested in SD IR 6-01

(\$s)

Weather Normalized Sales	160,204,790
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Actual Sales	161,243,187
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Weather Impact on Sales	<u>(1,038,397)</u>
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Weather Normalized Fuel Revenue	53,498,346
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Actual Fuel Revenue	53,843,667
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Weather Impact on Fuel	<u>(345,321)</u>
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Present Revenues with EL11-019 Outcome	168,256,846
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Weather Normalized Sales	160,204,790
--------------------------	-------------

EL11-019 Impact on Test Year	<u>8,052,056</u>
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State of South Dakota - Calendar Year 2011

Without New Rates

SUM	WIN	ANN	SUM	WIN	ANN
-----	-----	-----	-----	-----	-----

Change Amt	Change Amt	Change Amt	Change Percent	Change Percent	Change Percent
------------	------------	------------	----------------	----------------	----------------

Weather-Normalized IR 6-1			Actual		
SUM	WIN	ANN	SUM	WIN	ANN

Weather-Normalized IR 6-1		
SUM	WIN	ANN

1,512	1,884	3,396	5.63%	4.65%	5.04%
1,431	1,753	3,184	5.63%	4.71%	5.08%
81	131	212	5.70%	3.93%	4.45%
1,639	2,007	3,646	5.95%	4.60%	5.12%
429	509	938	5.22%	4.20%	4.61%
27	46	72	7.03%	4.99%	5.58%
0	0	0	3.51%	3.51%	3.51%
3,606	4,446	8,052	5.72%	4.57%	5.03%

Total Revenue - Present			Total Revenue - Present			
AllRes	28,360	42,442	70,802	27,710	40,455	68,165
RES	26,863	38,966	65,828	26,257	37,122	63,379
RSH	1,497	3,476	4,973	1,452	3,333	4,786
SCI	29,207	45,603	74,809	27,851	43,584	71,435
LCI	8,645	12,630	21,276	8,225	12,120	20,346
LTG	403	964	1,367	377	918	1,295
OPA	1	2	3	1	2	3
Retail	66,616	101,641	168,257	64,164	97,079	161,243
						394
						161,637

Total Revenue - Present			
AllRes	26,848	40,558	67,406
RES	25,432	37,213	62,645
RSH	1,416	3,345	4,761
SCI	27,567	43,596	71,163
LCI	8,216	12,121	20,338
LTG	377	918	1,295
OPA	1	2	3
Retail	63,010	97,195	160,205

Base Revenue - Present

Base Revenue - Present

Base Revenue - Present

1,491	1,850	3,340	7.54%	6.40%	6.87%
1,411	1,721	3,132	7.54%	6.47%	6.91%
80	128	208	7.60%	5.67%	6.28%
1,653	2,031	3,684	9.02%	7.49%	8.10%
430	507	937	8.83%	7.56%	8.10%
31	60	90	9.94%	8.39%	8.86%
0	0	0	3.51%	3.51%	3.51%
3,605	4,447	8,052	8.33%	7.01%	7.55%

Base Revenue - Present			Base Revenue - Present			
AllRes	21,257	30,734	51,991	20,364	28,816	49,180
RES	20,130	28,345	48,475	19,291	26,562	45,854
RSH	1,127	2,389	3,516	1,072	2,254	3,326
SCI	19,983	29,159	49,142	18,501	27,121	45,622
LCI	5,301	7,211	12,512	4,871	6,704	11,575
LTG	342	769	1,111	311	710	1,020
OPA	1	2	3	1	2	3
Retail	46,884	67,875	114,758	44,047	63,353	107,400

Base Revenue - Present			
AllRes	19,766	28,884	48,651
RES	18,719	26,623	45,342
RSH	1,047	2,261	3,309
SCI	18,330	27,128	45,458
LCI	4,871	6,704	11,575
LTG	311	710	1,020
OPA	1	2	3
Retail	43,279	63,428	106,706

Fuel Revenue - Present

Fuel Revenue - Present

Fuel Revenue - Present

21	34	55	0.30%	0.30%	0.30%
20	31	51	0.30%	0.29%	0.30%
1	3	4	0.30%	0.30%	0.30%
-14	-25	-38	-0.15%	-0.15%	-0.15%
-1	2	1	-0.03%	0.04%	0.01%
-4	-14	-18	-6.59%	-6.59%	-6.59%
0	0	0			
2	-2	0	0.01%	0.00%	0.00%

Fuel Revenue - Present			Fuel Revenue - Present			
AllRes	7,103	11,708	18,811	7,346	11,639	18,985
RES	6,733	10,621	17,354	6,966	10,559	17,525
RSH	370	1,087	1,457	380	1,080	1,460
SCI	9,223	16,444	25,667	9,350	16,463	25,813
LCI	3,345	5,419	8,764	3,355	5,416	8,771
LTG	62	195	257	66	208	275
OPA	0	0	0	0	0	0
Retail	19,733	33,766	53,498	20,118	33,726	53,844

Fuel Revenue - Present			
AllRes	7,082	11,674	18,755
RES	6,713	10,590	17,303
RSH	369	1,084	1,453
SCI	9,237	16,468	25,705
LCI	3,346	5,417	8,763
LTG	66	208	275
OPA	0	0	0
Retail	19,731	33,767	53,498

GWH Sales

GWH Sales

GWH Sales

0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%

GWH Sales			GWH Sales			
AllRes	263,851	430,670	694,521	272,963	429,438	702,401
RES	250,107	390,689	640,796	258,841	389,608	648,449
RSH	13,744	39,981	53,725	14,122	39,830	53,952
SCI	345,876	610,777	956,653	349,162	610,633	959,795
LCI	128,269	206,428	334,697	128,269	206,428	334,697
LTG	3,051	9,498	12,550	3,051	9,498	12,550
OPA	0	0	0	0	0	0
Retail	741,047	1,257,373	1,998,421	753,446	1,255,997	2,009,443

GWH Sales			
AllRes	263,851	430,670	694,521
RES	250,107	390,689	640,796
RSH	13,744	39,981	53,725
SCI	345,876	610,777	956,653
LCI	128,269	206,428	334,697
LTG	3,051	9,498	12,550
OPA	0	0	0
Retail	741,047	1,257,373	1,998,421

Bills

Bills

Bills

0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%
0	0	0	0.00%	0.00%	0.00%

Bills			Bills			
AllRes	292,826	585,121	877,947	292,826	585,121	877,947
RES	275,342	550,326	825,668	275,342	550,326	825,668
RSH	17,484	34,795	52,279	17,484	34,795	52,279
SCI	42,356	84,720	127,076	42,356	84,720	127,076
LCI	76	146	222	76	146	222
LTG	734	1,419	2,153	734	1,419	2,153
OPA	0	0	0	0	0	0
Retail	335,992	671,406	1,007,398	335,992	671,406	1,007,398

Bills			
AllRes	292,826	585,121	877,947
RES	275,342	550,326	825,668
RSH	17,484	34,795	52,279
SCI	42,356	84,720	127,076
LCI	76	146	222
LTG	734	1,419	2,153
OPA	0	0	0
Retail	335,992	671,406	1,007,398

South Dakota Electric Calendar Month Sales Weather Normalization

		Calendar Month Sales (mwh)			Calendar Month Customers			Calendar Month Weather HEATING		Calendar Month Weather COOLING		Coefficients - HEATING Calendar Month - based on HDD65			Coefficients - COOLING Calendar Month - based on THI65		
		Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I	Actual HDD65	Normal HDD65	Actual THI65	Normal THI65	Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I
2011	1	59,634	7,408	86,511	68,665	4,212	10,540	1,671	1,499	0	0	0.000117768	0.000705591	0.000467319	0.000000000	0.000000000	0.000000000
2011	2	49,121	6,185	67,964	68,661	4,279	10,546	1,320	1,218	0	0	0.000090504	0.000696720	0.000431232	0.000000000	0.000000000	0.000000000
2011	3	48,089	5,230	82,329	68,671	4,329	10,548	1,087	995	0	0	0.000069456	0.000618718	0.000402941	0.000000000	0.000000000	0.000000000
2011	4	43,064	3,648	69,419	68,699	4,333	10,556	621	562	0	0	0.000027125	0.000449886	0.000413347	0.000998236	0.000000000	0.000000000
2011	5	44,210	3,423	80,525	68,719	4,338	10,576	278	248	11	15	0.000000000	0.000164217	0.000190482	0.002483155	0.000978009	0.011202696
2011	6	56,408	3,192	79,087	68,757	4,370	10,591	41	51	73	84	0.000000000	0.000000000	0.000000000	0.002827009	0.001720869	0.015749716
2011	7	88,684	4,466	94,605	68,806	4,366	10,569	0	8	277	183	0.000000000	0.000000000	0.000000000	0.001950194	0.001195398	0.007260731
2011	8	65,111	3,563	94,894	68,880	4,370	10,595	1	23	132	133	0.000000000	0.000000000	0.000000000	0.002644062	0.001530621	0.011569838
2011	9	48,637	2,901	80,577	68,899	4,378	10,601	191	173	26	34	0.000000000	0.000094906	0.000000000	0.002605956	0.000781162	0.021939523
2011	10	43,752	3,206	76,504	68,942	4,381	10,632	397	536	6	1	0.000025033	0.000319262	0.000248387	0.001204965	0.000000000	0.015650794
2011	11	45,639	4,409	71,464	68,988	4,429	10,658	839	972	0	0	0.000086348	0.000550616	0.000488519	0.000000000	0.000000000	0.000000000
2011	12	56,099	6,322	75,916	68,981	4,494	10,664	1,155	1,421	0	0	0.000128767	0.000677555	0.000531509	0.000000000	0.000000000	0.000000000
TOTAL		648,449	53,952	959,795	825,668	52,279	127,076	7,599	7,706	525	450						

		Calendar Month Weather Effect from HEATING			Calendar Month Weather Effect from COOLING			Calendar Month Weather Effect HEATING AND COOLING			Calendar Month Weather Normalized Sales (mwh)		
		Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I
2011	1	1,394	512	849	0	0	0	1,394	512	849	58,241	6,896	85,662
2011	2	636	305	466	0	0	0	636	305	466	48,485	5,880	67,499
2011	3	437	246	390	0	0	0	437	246	390	47,652	4,984	81,939
2011	4	109	115	256	0	0	0	109	115	256	42,955	3,534	69,163
2011	5	0	21	60	-702	-17	-487	-702	4	-427	44,912	3,419	80,952
2011	6	0	0	0	-2,176	-84	-1,867	-2,176	-84	-1,867	58,584	3,276	80,954
2011	7	0	0	0	12,621	491	7,218	12,621	491	7,218	76,063	3,975	87,388
2011	8	0	0	0	-246	-9	-165	-246	-9	-165	65,357	3,572	95,059
2011	9	0	7	0	-1,466	-28	-1,899	-1,466	-21	-1,899	50,103	2,921	82,475
2011	10	-240	-195	-367	446	0	894	206	-195	527	43,545	3,400	75,977
2011	11	-795	-325	-695	0	0	0	-795	-325	-695	46,434	4,734	72,159
2011	12	-2,367	-811	-1,510	0	0	0	-2,367	-811	-1,510	58,466	7,133	77,426
TOTAL											640,796	53,725	956,653

Sources:

Top Section:

DR 1-16 Attachment D, unless otherwise noted

Normal HDD65: <http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/products/auxiliary/station/USW00014944.normals.txt>

NormalTHI65: BAM-3, Schedule 3

Bottom Section:

Calendar Month Weather Effect from HEATING: Calendar Month Customers * (Actual HDD65 - Normal HDD65) * Coefficients - HEATING

Calendar Month Weather Effect from COOLING: Calendar Month Customers * (Actual THI65 - Normal THI65) * Coefficients - COOLING

Calendar Month Weather Effect HEATING AND COOLING: Calendar Month Weather Effect from HEATING + Calendar Month Weather Effect from COOLING

Calendar Month Weather Normalized Sales (mwh): Calendar Month Sales (mwh) - Calendar Month Weather Effect HEATING AND COOLING

Weather Normalization Sales Adjustment (mwh): Calendar Month Weather Normalized Sales (mwh) - Calendar Month Sales (mwh)

	CDD	CDD		THI	THI
	Actual	Normal	Act/Normal	Actual	Normal
	(A)	(B)	(C)	(D)	(E)
Jan	0	0		0	0
Feb	0	0		0	0
Mar	0	0		0	0
Apr	0	5	0	0	0
May	23	31	0.7419355	11	15
Jun	117	135	0.8666667	73	84
Jul	388	256	1.515625	277	183
Aug	196	198	0.989899	132	133
Sep	46	60	0.7666667	26	34
Oct	37	5	7.4	6	1
Nov	0	0		0	0
Dec	0	0		0	0
Total	807	690		525	450

Sources:

Column A: <http://www.nws.noaa.gov/climate/index.php?wfo=fsd>

Column B: <http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/products/auxiliary/station/USW00014944.normals.txt>

Column C: Column A divided by Column B

Column D: DR 1-16 Attachment D

Column E: Column D divided by Column C

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 Public Document – Trade Secret Data Excised
 Public Document

Xcel Energy

Docket No.: EL12-046

Response To: SDPUC

1-16

Date Received: July 23, 2012

Question:

Please provide all supporting work papers for the weather normalization adjustment found on work paper PF1-3. Provide similar documentation as was provided in Docket EL11-019 data requests 1-8 and 2-7.

Response:

Work paper PF1-3 in Volume 3 (Workpapers) of the Application is a composite of summary information from the “Sum1” tab of three Revenue Model spreadsheet files provided in live Excel spreadsheet format as the following three separate attachments to this response:

Attachment A – Calendar Year 2011

- File “1-016 Attachment A RevAct11.xls”

Attachment B – Weather-Normalized Calendar Year 2011 at New Rates

- File “1-016 Attachment B RevWN11New.xls”

Attachment C – Weather-Normalized Calendar Year 2011 at 2011 Rates

- File “1-016 Attachment C RevWN11.xls”

Attachments A, B and C are marked as “Confidential” in their entirety.

The supporting workpaper for the derivation of weather-normalized sales is provided as Attachment D to this response (File “1-016 Attachment D Weather Normalization work paper.xls”). The Company does not consider the information in Attachment D to be confidential data.

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The source data for the Actual HDD65, Normal HDD65, Actual THI65, and Normal THI65 is provided as Attachment E to this response (File “1-016 Attachment E Source Data.xls”). The Company does not consider the information in Attachment E to be confidential data.

The Company obtains weather data from the official National Oceanic and Atmospheric Administration (“NOAA”) weather station located at the Sioux Falls, South Dakota airport. The weather data obtained is dry bulb temperature and dew point temperature readings in three-hour increments for each day (midnight, 3:00 a.m., 6:00 a.m., 9:00 a.m., noon, 3:00 p.m., 6:00 p.m. and 9:00 p.m.). The data is accessed through the free website www.weatherunderground.com.

The daily average dry bulb temperature is calculated by averaging the eight dry bulb temperature readings per day, and the daily average dew point temperature is calculated by averaging the eight dew point temperature readings per day. Daily heating-degree days are then calculated by subtracting the average daily dry bulb temperature from 65 degrees Fahrenheit. For example, if the average daily dry bulb temperature is 45 degrees Fahrenheit, then 65 minus 45 or 20 heating-degree days are calculated for that day. If the average daily dry bulb temperature is greater than 65 degrees Fahrenheit, then that day records zero heating degree days.

Daily THI are calculated using the formula:

$$\text{THI} = 17.5 + (0.55 * \text{daily average dry bulb temperature}) + (0.2 * \text{daily average dew point temperature})$$

THI65 are then calculated by subtracting 65 THI from the average daily THI. For example, if the average daily THI is 75, then 75 minus 65 or 10 THI65 are calculated for that day. If the average daily THI is less than 65 THI, then that day records zero THI65.

Normal HDD65 and normal THI65 are calculated for each day by averaging the daily actual HDD65 and daily actual THI65 for the past 20 years. For the 2011 reporting year, the normal values were calculated based on the 20-year time period 1990 to 2009. The 20 years of historical daily weather and the calculation of normal HDD65 and normal THI65 are provided in Attachment E to this response.

Calendar month actual HDD65, actual THI65, normal HDD65, and normal THI65 are calculated by summing the daily values for each month.

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Heating and cooling coefficients are developed using regression models with class-level sales (Residential with Space Heating, Residential without Space Heating, and Small Commercial and Industrial) as the dependent variable and weather, economic drivers and various other indicators as explanatory variables. Weather variables are developed for individual months and are weighted by the number of customers in the class per month. As such, the regression coefficient associated with each weather variable represents the MWh response per HDD65 or THI65 per customer.

Weather coefficients are re-estimated each time the sales forecast is updated. The coefficients for January-March 2011 were developed in Summer 2010, the coefficients for April-September 2011 were developed in the first quarter of 2011, and the coefficients for October-December 2011 were developed in Summer 2011. The regression models for each class from each forecast vintage (Fall 2010, first quarter 2011, and Summer 2011) are provided in live Excel spreadsheet format as Attachment F to this response (File 1-016 Attachment F Weather Coefficients.xls”).

The sales, customer and weather input data to the regression models are reported on a billing month basis. Therefore, the regression model weather coefficients are “billing month” coefficients. To weather-normalize calendar month sales, the billing month coefficients are converted to calendar month coefficients using prorate factors that reflect the percentage of billing days in the calendar month that are billed in the current and subsequent billing months. For example, in January 2011, 49.16% of the January billing month billing days fall in the calendar month of January, 50.69% of the February billing month billing days fall in the calendar month of January, and 0.15% of the March billing month billing days fall in the calendar month of January. The January calendar month coefficient is calculated as $49.16\% \times \text{January billing month coefficient} + 50.69\% \times \text{February billing month coefficient} + 0.15\% \times \text{March billing month coefficient}$. The calculation of billing days and prorate factors is based on meter reading schedules and is provided in Attachment F to this response. The Company does not consider the information in Attachment F to be confidential data.

Request for Confidential Treatment of Information

In accordance with ARSD §§ 20:10:01:39 through 42, Xcel Energy respectfully requests confidential treatment of Attachment A (in its entirety) to this response. In compliance with ARSD § 20:10:01:40, we have clearly marked each page of Attachment A as “CONFIDENTIAL.” Xcel Energy addresses the requirements for confidential treatment under ARSD §§ 20:10:01:41 as follows:

— CONFIDENTIAL —

- (1) An identification of the document and the general subject matter of the materials or the portions of the document for which confidentiality is being requested;

Xcel Energy seeks confidential treatment of information contained in Attachments A, B and C to this response. Attachments A, B and C to this response are Sales & Revenue data of the Company's Revenue Model containing formulas and trade secret data related to revenue determinations and rate design.

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*James C. Wilcox
Manager, Government and Regulatory Affairs
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500 West Russell Street
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- (5) The factual basis that qualifies the information for confidentiality under the authority cited.

Xcel Energy treats this material as protected financial information, not released to the public.

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Date: August 8, 2012

Northern States Power Company, a Minnesota corporation
 Electric Utility - South Dakota
 Adjusted Test Year Ending December 2011

Docket No. EL12-046
 SDPUC Data Request No. 1-16
 Attachment D - Page 1 of 1

Supporting Workpaper for Weather Normalization Adjustment on PF1-3, Volume 3 (Workpapers) of Application

South Dakota Electric Calendar Month Sales Weather Normalization

		Calendar Month Sales (mwh)			Calendar Month Customers			Calendar Month Weather HEATING		Calendar Month Weather COOLING		Coefficients - HEATING Calendar Month - based on HDD65			Coefficients - COOLING Calendar Month - based on THI65		
		Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I	Actual HDD65	Normal HDD65	Actual THI65	Normal THI65	Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I
2011	1	59,634	7,408	86,511	68,665	4,212	10,540	1,671	1,466	0	0	0.000117768	0.000705591	0.000467319	0.000000000	0.000000000	0.000000000
2011	2	49,121	6,185	67,964	68,661	4,279	10,546	1,320	1,183	0	0	0.000090504	0.000696720	0.000431232	0.000000000	0.000000000	0.000000000
2011	3	48,089	5,230	82,329	68,671	4,329	10,548	1,087	989	0	0	0.000069456	0.000618718	0.000402941	0.000000000	0.000000000	0.000000000
2011	4	43,064	3,648	69,419	68,699	4,333	10,556	621	563	0	2	0.000027125	0.000449886	0.000413347	0.000998236	0.000000000	0.000000000
2011	5	44,210	3,423	80,525	68,719	4,338	10,576	278	238	11	15	0.000000000	0.000164217	0.000190482	0.002483155	0.000978009	0.011202696
2011	6	56,408	3,192	79,087	68,757	4,370	10,591	41	43	73	87	0.000000000	0.000000000	0.000000000	0.002827009	0.001720869	0.015749716
2011	7	88,684	4,466	94,605	68,806	4,366	10,569	0	9	277	163	0.000000000	0.000000000	0.000000000	0.001950194	0.001195398	0.007260731
2011	8	65,111	3,563	94,894	68,880	4,370	10,595	1	14	132	131	0.000000000	0.000000000	0.000000000	0.002644062	0.001530621	0.011569838
2011	9	48,637	2,901	80,577	68,899	4,378	10,601	191	150	26	43	0.000000000	0.000094906	0.000000000	0.002605956	0.000781162	0.021939523
2011	10	43,752	3,206	76,504	68,942	4,381	10,632	397	519	6	3	0.000025033	0.000319262	0.000248387	0.001204965	0.000000000	0.015650794
2011	11	45,639	4,409	71,464	68,988	4,429	10,658	839	944	0	0	0.000086348	0.000550616	0.000488519	0.000000000	0.000000000	0.000000000
2011	12	56,099	6,322	75,916	68,981	4,494	10,664	1,155	1,355	0	0	0.000128767	0.000677555	0.000531509	0.000000000	0.000000000	0.000000000
TOTAL		648,449	53,952	959,795	825,668	52,279	127,076	7,599	7,473	525	444						

		Calendar Month Weather Effect from HEATING			Calendar Month Weather Effect from COOLING			Calendar Month Weather Effect HEATING AND COOLING			Calendar Month Weather Normalized Sales (mwh)		
		Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I	Res w/out Space Htg	Res w/ Space Htg	Small C&I
2010	1	1,661	610	1,012	0	0	0	1,661	610	1,012	57,973	6,797	85,500
2010	2	855	410	625	0	0	0	855	410	625	48,266	5,775	67,339
2010	3	466	262	415	0	0	0	466	262	415	47,623	4,968	81,914
2010	4	108	113	253	-126	0	0	-18	113	253	43,082	3,535	69,166
2010	5	0	28	80	-757	-19	-525	-757	10	-445	44,967	3,413	80,970
2010	6	0	0	0	-2,625	-102	-2,252	-2,625	-102	-2,252	59,033	3,294	81,339
2010	7	0	0	0	15,243	593	8,717	15,243	593	8,717	73,441	3,873	85,888
2010	8	0	0	0	157	6	106	157	6	106	64,954	3,557	94,788
2010	9	0	17	0	-3,159	-60	-4,093	-3,159	-43	-4,093	51,797	2,944	84,669
2010	10	-210	-171	-322	279	0	559	69	-171	237	43,683	3,376	76,267
2010	11	-627	-257	-548	0	0	0	-627	-257	-548	46,266	4,666	72,012
2010	12	-1,780	-610	-1,136	0	0	0	-1,780	-610	-1,136	57,879	6,932	77,052
TOTAL											638,966	53,132	956,905