

Cases 08-E-0887 & 08-G-0888- Central Hudson Rates

Staff Response to Interrogatory/Document Request

Request No.: CH-43
 Date of Request: November 26, 2008
 Reply Date: December 8, 2008
 Responding Witness: Hourly Pricing Panel

Q. 43 In reference to the testimony on page 5 lines 13 – 22, and page 7 line 18 – page 8 line 3 of the Hourly Pricing Panel (“HPP”), please provide all empirical evidence quantifying the benefits of existing mandatory hourly pricing programs of which the HPP is aware, including (but not limited to) reductions to peak period prices, enhanced peak period reliability, wholesale market power mitigation, the extent to which New York State’s dependence on natural gas fueled generation has been reduced, and progression to more equitable bills, including the measured impact on such bills.

A. 43 While not an exhaustive list, the following papers address the benefits of mandatory hourly pricing programs:

C. Goldman, Hopper, M. Moezzi, R. Bhavirkar, B. Neenan, R. Boisvert, P. Cappers, D. Pratt, “Customer response to day-ahead wholesale market electricity prices: Case study of RTP program experience in New York” (July 1, 2004). Lawrence Berkeley National Laboratory. Paper LBNL-54761. <http://repositories.cdlib.org/lbnl/LBNL-54761>

C. Goldman, N. Hopper, O. Sezgen, M. Moezzi and R. Bhavirkar, Lawrence Berkeley National Laboratory. Neenan, D Pratt, P. Cappers and R. Boisvert, 2004 Neenan Associates “Does Real Time Pricing Deliver Demand Response? A Case of Niagara Mohawk’s Large Customer RTP Tariff,” Energy Analysis Department, Ernest Orlando Lawrence Berkeley National Laboratory, University of California Berkeley, August 2004

P. M. Schwarz, Thomas. N. Taylor, M. Birmingham and Shana L. Dardan. October 2002. “Industrial Response to Electricity Real Time Prices” Short Run and Long Run” Economic Inquiry Vol. 40, No. 4 October 2002 597-610

S. Borenstein 2005, “The Long-Run Efficiency of Real-Time Electricity Pricing,” February 2005. Center for the Study of Energy Markets, working paper series, University of California Energy Institute.

B. Neenan, P. Cappers, D. Pratt, J. Anderson, “Improving Linkages Between Wholesale and Retail Markets Through Dynamic Retail Pricing” (December 5, 2005) Prepared for the ISO New England by Neenan Associates – A UtiliPoint International Company (www.bneenan.com)

Cases 08-E-0887 & 08-G-0888- Central Hudson RatesStaff Response to Interrogatory/Document Request

Request No.: CH-47
Date of Request: November 26, 2008
Reply Date: December 8, 2008
Responding Witness: Hourly Pricing Panel

Q. 47 Please confirm the HPP's agreement:

- a) That the intent of the New York Independent System Operator's Installed Capacity requirement is to ensure the electric system has sufficient generation capacity to maintain reliable electric supply on a continuous basis.
- b) That this capacity requirement is based on the New York Control Area ("NYCA") peak load, which most recently has occurred during the summer.
- c) That utilizing this NYCA summer peak load to determine the capacity requirement generally ensures sufficient capacity for all other times of the year.

- A. 47
- a) We agree. The Panel addressed this issue on pages 21 and 22 of its testimony.
 - b) We agree. The Panel addressed this issue on page 22 of its testimony.
 - c) We agree.

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Staff Response to Interrogatory/Document Request

Request No.: CH-97
Date of Request: November 28, 2008
Reply Date: December 9, 2008
Responding Witness: Forecasting Panel
Subject: Energy Efficiency Portfolio Standard Adjustment

- Q. How have lost sales due to the Energy Efficiency Portfolio Standard been reflected quantitatively in Staff's electric and gas sales forecast?
- A. Staff has incorporated the lost sales adjustments proposed by the Company in its filing; lost sales have been reflected at the levels proposed by the Company in the testimony of Staff witness Puran and Staff's Gas Rates panel.

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Staff Response to Interrogatory/Document Request

Request No.: CH-98
Date of Request: November 28, 2008
Reply Date: December 9, 2008
Responding Witness: Forecasting Panel
Subject: Photovoltaic Net Metering

Q. How have lost sales due to the continued expansion of photovoltaic net metering been reflected quantitatively in Staff's electric sales forecast?

A. See response to CH-97.

Cases 08-E-0887 & 08-G-0888- Central Hudson RatesStaff Response to Interrogatory/Document Request

Request No.: CH-122
Date of Request: December 3, 2008
Reply Date: December 15, 2008
Responding Witness: Staff Hourly Pricing Panel

Q.122 In reference to the Hourly Pricing Panel (“HPP”) testimony on page 9 lines 7 – 10, please:

- a) provide any written investigation into the characteristics of Central Hudson's existing customers performed by or relied upon the HPP;
- b) identify the Central Hudson customers who the HPP believes are "most likely" to have the "resources to monitor and react to hourly pricing;" and
- c) state precisely what "resources" these customers are likely to have in the opinion of the HPP.

A.122 a) The Hourly Pricing Panel has not done a written evaluation of Central Hudson’s existing customers. Each month Central Hudson provides the Staff with a status report of demand response activities. That report shows how many customers are on Hourly Pricing by load below 100 kW, between 100 kW and 1MW, and over 1 MW. The report classifies customers by NAIC Code Sector Level (2 digit). The report is provided by Lauren Guido, Assistant Cost & Rate Analyst, for Central Hudson.

b) The Panel identified customers with demand above 500 kW as most likely to have the resources to monitor and react to hourly pricing.

c) These large customers are likely to have building engineers, facilities managers, energy management software, access to energy consultants, and demand response providers.

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Request No.: CH-123
Date of Request: December 3, 2008
Reply Date: December 15, 2008
Responding Witness: Hourly Pricing Panel

Q.123 In reference to the HPP testimony on page 18 lines 13 – 17, please

- a. state the HPP's understanding of how many of the additional 118 customers targeted for hourly pricing have energy managers or building engineers; and
 - b. state the basis for that understanding.
- A.
- a. The Panel has no specific knowledge of how many of the 118 customers targeted for hourly pricing have energy managers or building engineers.
 - b. Given the response to question “a” above, this question is not applicable. However, the large electric demand of these customers may make it cost effective to have an energy manager or building engineer.

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Staff Response to Interrogatory/Document Request

Request No.: CH-125
Date of Request: December 3, 2008
Reply Date: December 9, 2008
Responding Witness: Twergo
Subject: RDM

- Q. With reference to the testimony of Mr. Twergo, is it Staff's intention to exempt electric SC No. 6 residential time-of-use from a RDM?
- A. No. SC6 was inadvertently omitted from the list of service classes that would be subject to an electric RDM under staff's proposal.

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Staff Response to Interrogatory/Document Request

Request No.: CH-126
Date of Request: December 3, 2008
Reply Date: December 9, 2008
Responding Witness: Twergo
Subject: RDM

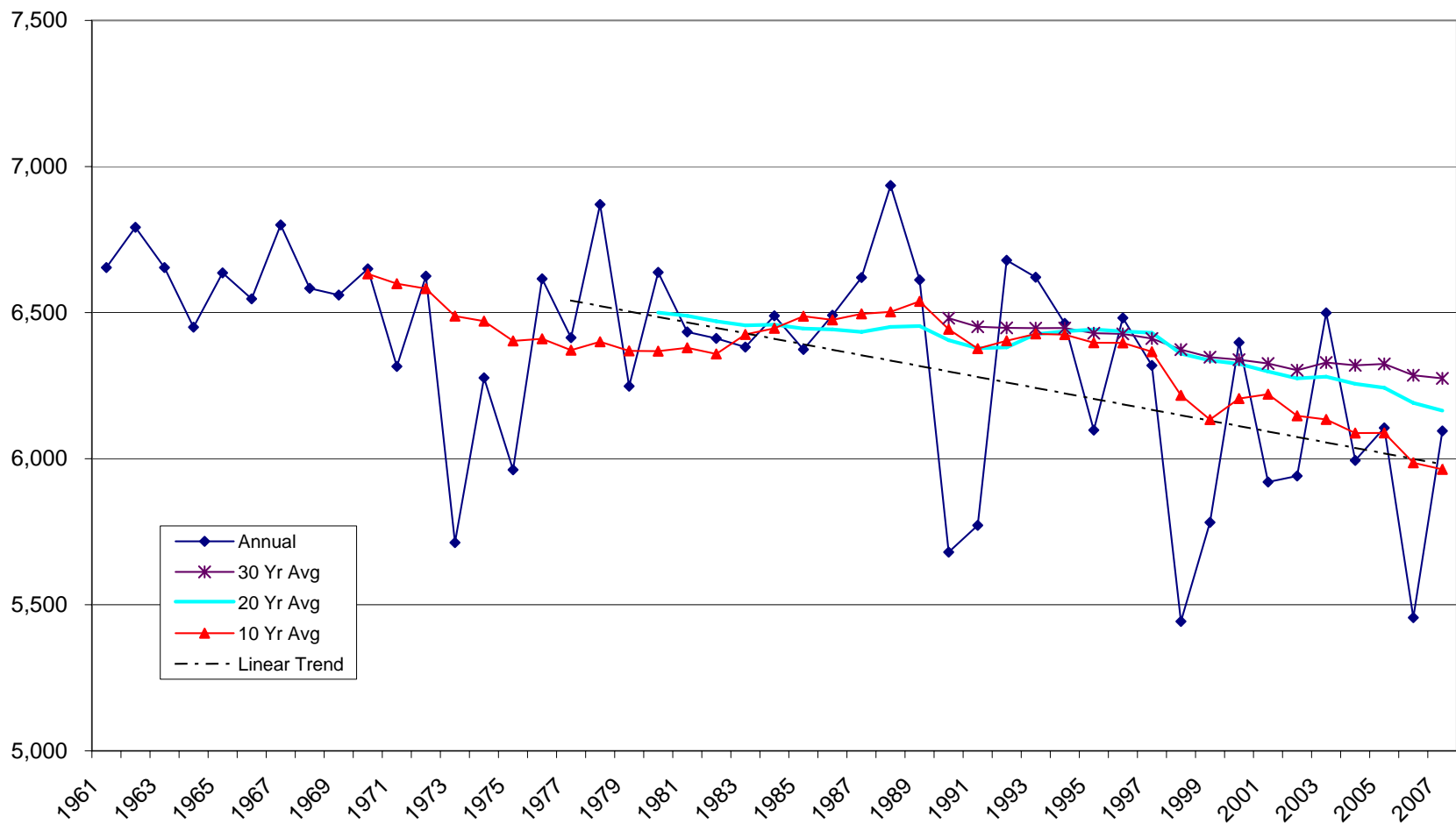
- Q. Mr. Twergo's testimony on page 10 lines 16-19 states that "The incremental revenue requirement associated with new customers is less than the revenues retained by the utility under the UPC RDM model." Please provide all quantitative support available to Mr. Twergo to support that statement.
- A. The referenced statement was based on the Company's direct testimony as referenced on page 9, lines 14-17 of Mr. Twergo's testimony, as well as, his experience with marginal cost of service studies.

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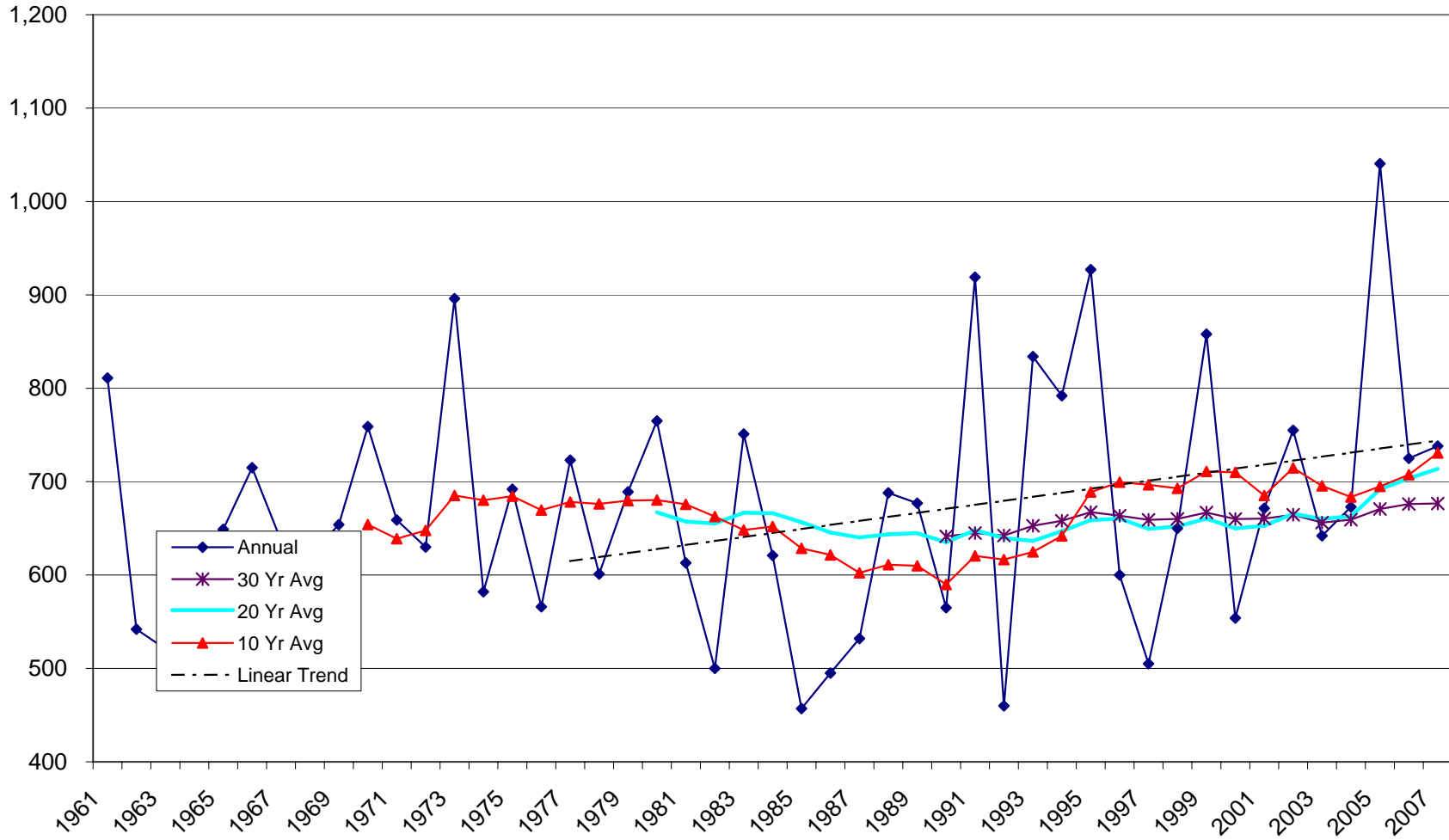
Request No.: CH-164
Date of Request: December 5, 2008
Reply Date: December 16, 2008
Responding Witness: The Forecasting Panel
Subject: Forecast update

- Q. In reference to page 16 lines 21 – 23 of the Staff Forecasting Panel testimony:
Please clarify the panel's intent as to when it would revise its forecasts to reflect the latest available data; and
Please specify what data the panel proposes to update.
- A. The Company provided Staff with updated economic projections on November 19, 2008 (identified as supplemental CHG&E responses to staff interrogatories DPS-2, 27 & 37). Staff anticipates that the Company will update its sales forecasts to reflect these changes, along with new fuel price projections, in the near future in rebuttal testimony. The Panel would then subsequently update its forecasts in a similar manner to maintain comparability between the two sets of projections. If this process is completed prior to evidentiary hearings, we would amend Exhibits FP-6 and FP-7 on direct examination to reflect the revised forecasts.

Electric Heating Degree Days



Electric Cooling Degree Days



Central Hudson Gas & Electric Corporation
Summary of Electric Sales (MWh) by Service Classification
Twelve Months Ended June 30, 2010

	July <u>2009</u>	August <u>2009</u>	September <u>2009</u>	October <u>2009</u>	November <u>2009</u>	December <u>2009</u>	January <u>2010</u>	February <u>2010</u>	March <u>2010</u>	April <u>2010</u>	May <u>2010</u>	June <u>2010</u>	<u>Total</u>
Service Classification No. 1													
Heating	18,890	19,260	20,330	17,750	20,710	28,100	39,890	41,430	41,250	30,980	24,130	18,270	320,990
Nonheating	155,500	178,620	171,620	141,990	124,690	135,960	154,780	152,910	141,050	129,040	120,910	129,490	1,736,560
Unbilled	<u>(1,870)</u>	<u>6,470</u>	<u>7,290</u>	<u>2,130</u>	<u>2,920</u>	<u>(1,150)</u>	<u>2,310</u>	<u>2,470</u>	<u>(7,240)</u>	<u>150</u>	<u>(9,610)</u>	<u>(3,020)</u>	<u>850</u>
	172,520	204,350	199,240	161,870	148,320	162,910	196,980	196,810	175,060	160,170	135,430	144,740	2,058,400
Service Classification No. 2													
Nondemand	13,380	15,620	13,210	13,020	11,770	15,010	15,440	17,580	15,000	15,050	11,630	12,270	168,980
Primary	21,610	21,980	20,960	20,700	19,380	20,050	21,000	19,740	20,200	19,210	20,190	21,030	246,050
Secondary	137,340	137,660	136,750	122,450	112,890	127,260	135,820	125,410	119,970	115,450	116,980	126,560	1,514,540
Unbilled	<u>130</u>	<u>(530)</u>	<u>840</u>	<u>(790)</u>	<u>910</u>	<u>(1,050)</u>	<u>870</u>	<u>(510)</u>	<u>490</u>	<u>(30)</u>	<u>500</u>	<u>(870)</u>	<u>(40)</u>
	172,460	174,730	171,760	155,380	144,950	161,270	173,130	162,220	155,660	149,680	149,300	158,990	1,929,530
Service Classification No. 3	28,020	29,190	26,820	25,410	25,710	27,720	28,650	25,240	26,060	24,890	26,360	26,800	320,870
Service Classification No. 5	870	970	1,070	1,230	1,330	1,470	1,390	1,160	1,130	1,000	890	800	13,310
Service Classification No. 6	2,350	2,740	2,220	2,140	1,840	2,490	2,960	3,220	2,490	3,350	2,100	2,100	30,000
Service Classification No. 8	1,440	1,610	1,780	2,050	2,220	2,440	2,310	1,930	1,870	1,650	1,490	1,320	22,110
Service Classification No. 9	280	280	290	280	280	290	280	280	280	290	280	280	3,390
Service Classification No. 13													
Transmission	81,620	78,590	74,630	73,180	66,990	67,960	67,750	63,690	67,840	68,320	74,040	78,390	863,000
Substation	<u>16,400</u>	<u>15,880</u>	<u>14,700</u>	<u>14,230</u>	<u>13,370</u>	<u>13,280</u>	<u>14,050</u>	<u>13,170</u>	<u>14,250</u>	<u>14,420</u>	<u>14,620</u>	<u>15,540</u>	<u>173,910</u>
	98,020	94,470	89,330	87,410	80,360	81,240	81,800	76,860	82,090	82,740	88,660	93,930	1,036,910
Interdepartmental	<u>70</u>	<u>90</u>	<u>80</u>	<u>60</u>	<u>60</u>	<u>80</u>	<u>80</u>	<u>80</u>	<u>80</u>	<u>60</u>	<u>70</u>	<u>70</u>	<u>880</u>
Total	<u>476,030</u>	<u>508,430</u>	<u>492,590</u>	<u>435,830</u>	<u>405,070</u>	<u>439,910</u>	<u>487,580</u>	<u>467,800</u>	<u>444,720</u>	<u>423,830</u>	<u>404,580</u>	<u>429,030</u>	<u>5,415,400</u>
Case 07-M-0548: Post Forecast EEPS Adjustment													
SC1	(4,545)	(5,158)	(4,988)	(4,163)	(3,788)	(4,288)	(9,252)	(9,250)	(8,655)	(7,649)	(6,886)	(7,018)	(75,640)
SC2 ND	(559)	(653)	(551)	(545)	(492)	(628)	(1,156)	(1,316)	(1,122)	(1,125)	(870)	(917)	(9,934)
SC2 PD	(889)	(904)	(862)	(852)	(798)	(823)	(1,548)	(1,456)	(1,490)	(1,418)	(1,493)	(1,553)	(14,086)
SC2 SD	(5,573)	(5,587)	(5,553)	(4,972)	(4,586)	(5,167)	(9,889)	(9,135)	(8,736)	(8,410)	(8,517)	(9,214)	(85,339)
SC3	(1,146)	(1,194)	(1,097)	(1,038)	(1,050)	(1,119)	(2,082)	(1,837)	(1,902)	(1,824)	(1,935)	(1,968)	(18,192)
SC 1 PV Net Metering Lost MWh	<u>(86)</u>	<u>(92)</u>	<u>(95)</u>	<u>(105)</u>	<u>(107)</u>	<u>(117)</u>	<u>(124)</u>	<u>(117)</u>	<u>(136)</u>	<u>(138)</u>	<u>(150)</u>	<u>(151)</u>	<u>(1,419)</u>
Total EEPS/Net Metering Adj	(12,798)	(13,588)	(13,146)	(11,675)	(10,821)	(12,142)	(24,051)	(23,111)	(22,041)	(20,564)	(19,851)	(20,821)	(204,610)
Own Territory Reflecting Adjustments	463,232	494,842	479,444	424,155	394,249	427,768	463,529	444,689	422,679	403,266	384,729	408,209	5,210,790

Central Hudson Gas & Electric Corporation
Summary of Electric Base Delivery Revenues by Service Classification
Twelve Months Ended June 30, 2010

	July 2009	August 2009	September 2009	October 2009	November 2009	December 2009	January 2010	February 2010	March 2010	April 2010	May 2010	June 2010	Total
Service Classification No. 1													
Heating	\$ 1,261,150	\$ 1,252,080	\$ 1,320,960	\$ 1,186,030	\$ 1,339,200	\$ 1,640,810	\$ 2,182,760	\$ 2,222,020	\$ 2,239,280	\$ 1,767,040	\$ 1,488,260	\$ 1,209,390	\$ 19,108,980
Nonheating	\$ 10,521,440	\$ 11,536,970	\$ 11,227,020	\$ 9,945,750	\$ 9,188,920	\$ 9,720,440	\$ 10,618,530	\$ 10,442,760	\$ 9,943,340	\$ 9,404,490	\$ 9,044,800	\$ 9,427,120	\$ 121,021,580
Unbilled	\$ (72,280)	\$ 276,660	\$ 311,720	\$ 91,080	\$ 124,860	\$ (49,170)	\$ 98,780	\$ 105,620	\$ (309,580)	\$ 6,410	\$ (410,920)	\$ (129,140)	\$ 44,040
	\$ 11,710,310	\$ 13,065,710	\$ 12,859,700	\$ 11,222,860	\$ 10,652,980	\$ 11,312,080	\$ 12,900,070	\$ 12,770,400	\$ 11,873,040	\$ 11,177,940	\$ 10,122,140	\$ 10,507,370	\$ 140,174,600
Service Classification No. 2													
Nondemand	\$ 809,710	\$ 893,650	\$ 806,770	\$ 847,050	\$ 780,500	\$ 890,870	\$ 865,370	\$ 933,300	\$ 843,270	\$ 887,480	\$ 780,510	\$ 835,050	\$ 10,173,530
Primary	\$ 359,230	\$ 352,990	\$ 365,560	\$ 345,820	\$ 336,390	\$ 331,940	\$ 311,380	\$ 308,530	\$ 300,150	\$ 325,850	\$ 361,610	\$ 370,950	\$ 4,070,400
Secondary	\$ 4,161,820	\$ 4,192,840	\$ 4,231,910	\$ 4,055,790	\$ 3,716,550	\$ 3,861,050	\$ 3,854,930	\$ 3,695,290	\$ 3,663,560	\$ 3,757,780	\$ 3,928,580	\$ 4,148,560	\$ 47,268,660
Unbilled	\$ 2,450	\$ (9,970)	\$ 15,810	\$ (14,870)	\$ 17,130	\$ (19,760)	\$ 16,370	\$ (9,600)	\$ 9,220	\$ (560)	\$ 9,410	\$ (16,370)	\$ (740)
	\$ 5,333,210	\$ 5,429,510	\$ 5,420,050	\$ 5,233,790	\$ 4,850,570	\$ 5,064,100	\$ 5,048,050	\$ 4,927,520	\$ 4,816,200	\$ 4,970,550	\$ 5,080,110	\$ 5,338,190	\$ 61,511,850
Service Classification No. 3	\$ 484,660	\$ 510,730	\$ 490,670	\$ 455,050	\$ 492,580	\$ 507,410	\$ 505,050	\$ 446,430	\$ 437,930	\$ 445,960	\$ 488,260	\$ 490,750	\$ 5,755,480
Service Classification No. 5	\$ 92,740	\$ 92,830	\$ 92,910	\$ 93,050	\$ 93,130	\$ 93,240	\$ 92,930	\$ 92,740	\$ 92,710	\$ 92,600	\$ 92,510	\$ 92,420	\$ 1,113,810
Service Classification No. 6	\$ 129,680	\$ 147,260	\$ 124,190	\$ 121,930	\$ 108,110	\$ 136,650	\$ 155,350	\$ 167,470	\$ 135,480	\$ 172,940	\$ 119,050	\$ 120,220	\$ 1,638,330
Service Classification No. 8	\$ 328,290	\$ 328,420	\$ 328,560	\$ 328,790	\$ 328,930	\$ 329,110	\$ 329,430	\$ 329,100	\$ 329,060	\$ 328,880	\$ 328,740	\$ 328,590	\$ 3,945,900
Service Classification No. 9	\$ 15,430	\$ 15,440	\$ 15,430	\$ 15,440	\$ 15,440	\$ 15,430	\$ 15,430	\$ 15,440	\$ 15,430	\$ 15,440	\$ 15,440	\$ 15,430	\$ 185,220
Service Classification No. 13													
Transmission	\$ 377,640	\$ 363,210	\$ 373,660	\$ 346,700	\$ 332,880	\$ 312,760	\$ 312,560	\$ 318,030	\$ 328,440	\$ 341,720	\$ 367,530	\$ 387,820	\$ 4,162,950
Substation	\$ 155,970	\$ 147,840	\$ 142,550	\$ 135,310	\$ 134,790	\$ 132,630	\$ 128,460	\$ 130,030	\$ 130,510	\$ 137,330	\$ 142,850	\$ 151,940	\$ 1,670,210
	\$ 533,610	\$ 511,050	\$ 516,210	\$ 482,010	\$ 467,670	\$ 445,390	\$ 441,020	\$ 448,060	\$ 458,950	\$ 479,050	\$ 510,380	\$ 539,760	\$ 5,833,160
Interdepartmental	\$ 1,270	\$ 1,630	\$ 1,450	\$ 1,090	\$ 1,090	\$ 1,450	\$ 1,450	\$ 1,450	\$ 1,450	\$ 1,090	\$ 1,270	\$ 1,270	\$ 15,960
Total Base Revenue	\$ 18,629,200	\$ 20,102,580	\$ 19,849,170	\$ 17,954,010	\$ 17,010,500	\$ 17,904,860	\$ 19,488,780	\$ 19,198,610	\$ 18,160,250	\$ 17,684,450	\$ 16,757,900	\$ 17,434,000	\$ 220,174,310
Case 07-M-0548: Post Forecast EEPS Adjustment													
SC1	\$ (198,090)	\$ (225,580)	\$ (217,910)	\$ (181,290)	\$ (165,190)	\$ (187,300)	\$ (404,060)	\$ (403,880)	\$ (378,010)	\$ (333,420)	\$ (300,260)	\$ (306,130)	\$ (3,301,120)
SC2 ND	\$ (10,560)	\$ (12,450)	\$ (10,380)	\$ (10,190)	\$ (9,250)	\$ (11,890)	\$ (21,910)	\$ (24,930)	\$ (21,140)	\$ (21,330)	\$ (16,430)	\$ (17,360)	\$ (187,820)
SC2 PD	\$ (13,970)	\$ (13,870)	\$ (14,340)	\$ (13,530)	\$ (13,160)	\$ (13,070)	\$ (21,720)	\$ (21,350)	\$ (20,840)	\$ (22,860)	\$ (25,600)	\$ (26,240)	\$ (220,550)
SC2 SD	\$ (154,420)	\$ (156,200)	\$ (157,340)	\$ (150,190)	\$ (136,580)	\$ (142,280)	\$ (254,660)	\$ (243,100)	\$ (240,680)	\$ (247,380)	\$ (259,690)	\$ (275,640)	\$ (2,418,160)
SC3	\$ (19,290)	\$ (20,300)	\$ (19,300)	\$ (18,080)	\$ (19,560)	\$ (19,860)	\$ (35,680)	\$ (31,430)	\$ (31,060)	\$ (31,660)	\$ (34,770)	\$ (34,930)	\$ (315,920)
SC 1 PV Net Metering Lost Rev	\$ (3,775)	\$ (4,041)	\$ (4,164)	\$ (4,573)	\$ (4,686)	\$ (5,125)	\$ (5,412)	\$ (5,115)	\$ (5,964)	\$ (6,046)	\$ (6,547)	\$ (6,619)	\$ (62,067)
Total EEPS/Net Metering Adj	\$ (400,105)	\$ (432,441)	\$ (423,434)	\$ (377,853)	\$ (348,426)	\$ (379,525)	\$ (743,442)	\$ (729,805)	\$ (697,694)	\$ (662,696)	\$ (643,297)	\$ (666,919)	\$ (6,505,637)
Own Territory Reflecting Adjustments	\$ 18,229,095	\$ 19,670,139	\$ 19,425,736	\$ 17,576,157	\$ 16,662,074	\$ 17,525,335	\$ 18,745,338	\$ 18,468,805	\$ 17,462,556	\$ 17,021,754	\$ 16,114,603	\$ 16,767,081	\$ 213,668,673

Central Hudson Gas & Electric Corporation
Summary of Electric Customers by Service Classification
Twelve Months Ended June 30, 2010

	July <u>2009</u>	August <u>2009</u>	September <u>2009</u>	October <u>2009</u>	November <u>2009</u>	December <u>2009</u>	January <u>2010</u>	February <u>2010</u>	March <u>2010</u>	April <u>2010</u>	May <u>2010</u>	June <u>2010</u>	Average
Service Classification No. 1													
Heating	26,703	25,146	26,528	25,126	26,531	25,227	26,932	25,146	26,687	25,260	26,523	25,152	25,913
Nonheating	227,376	227,897	227,709	228,268	228,076	230,297	234,908	229,046	230,234	229,434	229,211	229,796	229,354
Unbilled	-	-	-	-	-	-	-	-	-	-	-	-	-
	<u>254,079</u>	<u>253,043</u>	<u>254,237</u>	<u>253,394</u>	<u>254,607</u>	<u>255,524</u>	<u>261,840</u>	<u>254,192</u>	<u>256,921</u>	<u>254,694</u>	<u>255,734</u>	<u>254,948</u>	<u>255,268</u>
Service Classification No. 2													
Nondemand	27,751	29,826	27,770	29,943	27,811	30,268	28,594	29,974	27,899	30,051	27,943	30,065	28,991
Primary	165	163	163	163	168	162	167	171	167	167	167	168	166
Secondary	11,773	11,582	11,806	11,837	11,718	11,946	11,977	11,851	12,048	12,087	12,109	12,153	11,907
Unbilled	-	-	-	-	-	-	-	-	-	-	-	-	-
	<u>39,689</u>	<u>41,571</u>	<u>39,739</u>	<u>41,943</u>	<u>39,697</u>	<u>42,376</u>	<u>40,738</u>	<u>41,996</u>	<u>40,114</u>	<u>42,305</u>	<u>40,219</u>	<u>42,386</u>	<u>41,064</u>
Service Classification No. 3	36	36	36	36	37	36	37	38	36	37	37	37	37
Service Classification No. 5	4,525	4,655	4,545	4,625	4,470	4,654	4,704	4,553	4,703	4,611	4,603	4,594	4,604
Service Classification No. 6	1,565	1,625	1,565	1,625	1,565	1,625	1,565	1,625	1,565	1,625	1,565	1,625	1,595
Service Classification No. 8	206	206	206	206	206	206	206	206	206	206	206	206	206
Service Classification No. 9	300	300	300	300	300	300	300	300	300	300	300	300	300
Service Classification No. 13													
Transmission	6	6	6	6	6	6	6	6	6	6	6	6	6
Substation	7	7	7	7	7	7	7	7	7	7	7	7	7
	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>
Interdepartmental	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
Total Customers	<u>300,414</u>	<u>301,450</u>	<u>300,642</u>	<u>302,143</u>	<u>300,896</u>	<u>304,735</u>	<u>309,404</u>	<u>302,924</u>	<u>303,859</u>	<u>303,792</u>	<u>302,678</u>	<u>304,110</u>	<u>303,087</u>

Additional Modifications Made to Electric Model Specifications

	<u>Customers</u>	<u>Sales</u>
	*Note: economic variables used in customer models indexed to 2001	
Res. Heat	annual forecast allocated to calendar month using 2 year average odd/even billing pattern	None
Res. Non-Heat	removed: constant, Apr07, July, Jan05, SMA(1); added TrendBef06	removed TrendAft05
Com. Demand	None	None
Com. Non-Dmd.	removed: Jan05, Mar07; split TrendVar into TrendBef07 and TrendAft08	None
OPA Demand	None	removed: Mar07, Jun, Dec01; changed TrendVar to TrendAft03
OPA Non-Dmd.	removed Jan; added Jan05	removed: Aug04, May03; added TrendAft04
Ind. Demand	None	removed: Bdays, Aug; changed TrendAft03 to TrendVar
Ind. Non-Dmd.	average customer level with trend	removed: constant, Sep02, Feb05, Aug05, Aug04, Aug03, Jun06, Jul06, Aug06; added: Sep06, Oct06, Jan08, AR(1)

Central Hudson Gas & Electric Corporation
Comparison of Electric Customers, Sales and Base Revenue by Service Classification
Twelve Months Ended June 30, 2010

	Pre-Filed	Sales Update	Diff	Pre-Filed	Base Revenue Update	Diff	Pre-Filed	Customers Update	Diff
Service Classification No. 1									
Heating	321,510	320,990	(520)	\$ 19,136,700	\$ 19,108,980	\$ (27,720)	25,887	25,913	26
Nonheating	1,783,140	1,736,560	(46,580)	\$ 123,250,330	\$ 121,021,580	\$ (2,228,750)	230,736	229,354	(1,382)
Unbilled	<u>850</u>	<u>850</u>	<u>-</u>	<u>\$ 44,040</u>	<u>\$ 44,040</u>	<u>\$ -</u>	<u>-</u>	<u>-</u>	<u>-</u>
	2,105,500	2,058,400	(47,100)	\$ 142,431,070	\$ 140,174,600	\$ (2,256,470)	256,623	255,267	(1,356)
Service Classification No. 2									
Heating	-	-	-	\$ -	\$ -	\$ -	-	-	-
Nondemand	177,000	168,980	(8,020)	\$ 10,404,670	\$ 10,173,530	\$ (231,140)	29,334	28,991	(343)
Primary	224,650	246,050	21,400	\$ 3,761,510	\$ 4,070,400	\$ 308,890	165	166	1
Secondary	1,494,940	1,514,540	19,600	\$ 46,899,000	\$ 47,268,660	\$ 369,660	12,213	11,907	(306)
Unbilled	<u>(40)</u>	<u>(40)</u>	<u>-</u>	<u>\$ (740)</u>	<u>\$ (740)</u>	<u>\$ -</u>	<u>-</u>	<u>-</u>	<u>-</u>
	1,896,550	1,929,530	32,980	\$ 61,064,440	\$ 61,511,850	\$ 447,410	41,712	41,064	(648)
Service Classification No. 3	345,430	320,870	(24,560)	\$ 6,219,140	\$ 5,755,480	\$ (463,660)	42	37	(5)
Service Classification No. 5	13,310	13,310	-	\$ 1,113,810	\$ 1,113,810	\$ -	4,647	4,604	(43)
Service Classification No. 6	33,000	30,000	(3,000)	\$ 1,780,230	\$ 1,638,330	\$ (141,900)	1,700	1,595	(105)
Service Classification No. 8	22,110	22,110	-	\$ 3,945,900	\$ 3,945,900	\$ -	205	206	1
Service Classification No. 9	3,390	3,390	-	\$ 185,220	\$ 185,220	\$ -	311	300	(11)
Service Classification No. 13									
Transmission	957,080	863,000	(94,080)	\$ 4,544,430	\$ 4,162,950	\$ (381,480)	7	6	(1)
Substation	<u>178,340</u>	<u>173,910</u>	<u>(4,430)</u>	<u>\$ 1,705,610</u>	<u>\$ 1,670,210</u>	<u>\$ (35,400)</u>	<u>7</u>	<u>7</u>	<u>-</u>
	1,135,420	1,036,910	(98,510)	\$ 6,250,040	\$ 5,833,160	\$ (416,880)	14	13	(1)
Interdepartmental	880	880	-	\$ 15,960	\$ 15,960	\$ -	1	1	-
Total Own Territory	5,555,590	5,415,400	(140,190)	\$ 223,005,810	\$ 220,174,310	\$ (2,831,500)	305,255	303,087	(2,168)
SC 1 EEPS	(60,405)	(75,640)	(15,235)	\$ (2,637,460)	\$ (3,301,120)	\$ (663,660)	-	-	-
SC 2 ND EEPS	(8,227)	(9,934)	(1,707)	\$ (155,880)	\$ (187,820)	\$ (31,940)	-	-	-
SC 2 PD EEPS	(10,127)	(14,086)	(3,959)	\$ (158,930)	\$ (220,550)	\$ (61,620)	-	-	-
SC 2 SD EEPS	(67,181)	(85,339)	(18,158)	\$ (1,904,520)	\$ (2,418,160)	\$ (513,640)	-	-	-
SC 3 EEPS	(15,437)	(18,192)	(2,755)	\$ (266,870)	\$ (315,920)	\$ (49,050)	-	-	-
SC 1 PV	<u>(1,419)</u>	<u>(1,419)</u>	<u>-</u>	<u>\$ (62,067)</u>	<u>\$ (62,067)</u>	<u>\$ -</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total EEPS/Net Metering Adjustments	(162,796)	(204,610)	(41,814)	\$ (5,185,727)	\$ (6,505,637)	\$ (1,319,910)	-	-	-
Own Territory Reflecting Adjustments	5,392,794	5,210,790	(182,004)	\$ 217,820,083	\$ 213,668,673	\$ (4,151,410)	305,255	303,087	(2,168)
Own Territory (Excluding Unbilled)	5,391,984	5,209,980	(182,004)	\$ 217,776,783	\$ 213,625,373	\$ (4,151,410)	305,255	303,087	(2,168)