



**Public Service
of New Hampshire**

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The Northeast Utilities System

February 2, 2009

Ms. Debra A. Howland
Executive Director & Secretary
State of New Hampshire
Public Utilities Commission
21 S. Fruit Street, Suite 10
Concord, NH 03301-2429

Re: Docket No. DE 08-120 - 2009 CORE New Hampshire Energy Efficiency Programs

Dear Ms. Howland:

This letter provides the response to requests for the information listed below.

Response to HD-01 Record Requests dated 12/12/2008
RR-001, 002, 003

Very truly yours,

Gilbert E. Gelineau, Jr.
Manager
Marketing Support

cc: Service List

ORIGINAL	
N.H.P.U.C. Case No.	08-120
Exhibit No.	# 5
Witness	
DO NOT REMOVE FROM FILE	

Service List
Docket DE 08-120

Mr. Thomas C. Frantz
Director - Electric Utilities
State of New Hampshire
Public Utilities Commission
21 S. Fruit Street, Suite 10
Concord, NH 03301-2429

Ms. Amanda Noonan
Consumer Affairs Director
State of New Hampshire
Public Utilities Commission
21 S. Fruit Street, Suite 10
Concord, NH 03301-2429

Ms. Debra A. Howland
Executive Director & Secretary
State of New Hampshire
Public Utilities Commission
21 S. Fruit Street, Suite 10
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Ms. Meredith A. Hatfield
Consumer Advocate
Office of Consumer Advocate
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Ms. Suzanne Amidon
Staff Attorney
State of New Hampshire
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Ms. Jody M. Carmody
Program Specialist I
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Mr. Kendall L. Buck
Executive Vice President
Home Builders & Remodelers Association
of New Hampshire
119 Airport Road
Concord, NH 03301

Atty. Gerald M. Eaton
Senior Counsel
Public Service of New Hampshire
780 No. Commercial Street
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Mr. Gilbert E. Gelineau, Jr.
Marketing Support Manager
Public Service of New Hampshire
780 No. Commercial Street
Manchester, NH 03101

Atty. Alan Linder
NH Legal Assistance
117 North State St.
Concord, NH 03301

Ms. K'LaRae Nolin
Admin Support
Public Service of New Hampshire
780 N. Commercial Street
Manchester, NH 03105-0330

Mr. Eric Steltzer
Office of Energy & Planning
4 Chenell Drive
Concord, NH 03301

Public Service Company of New Hampshire
Docket No. DE 08-120

Record Request HD-01
Dated: 12/12/2008
Q-RR-001
Page 1 of 1

Witness: Gilbert E. Gelineau Jr
Request from: New Hampshire Public Utilities Commission

Question:

Exhibit 3: Page 3, Table I.1, are the emission reductions based on average or incremental emission rates?

Response:

The "Results Summary" table calculated Emission Reductions (tons) using a report from ISO-NE called the New England Marginal Emission Rate Analysis. These emission reductions are calculated on incremental emission rates per the ISO-NE statement in their 2006 report stating "Marginal emission rates were calculated using the energy weighted average emission rates of generating units that typically would increase their output if energy demand were higher during the four time periods of interest." The Emission Reductions for the 2009 NH CORE Energy Efficiency filing (Exhibit 3) were calculated using the ISO-NE marginal emission rates from 2003-2005 (the 2006 results came out in late September 2008 after the electric utilities had already calculated the numbers for this filing).

The most current ISO "2006 New England Marginal Emission Rate Analysis" can be found at:

Powerpoint:

http://www.iso-ne.com/committees/comm_wkgrps/prtcpnts_comm/pac/mtrls/2008/may202008/a_marginal_emissions.pdf

Report:

http://www.iso-ne.com/genrtion_resrcs/reports/emission/2006_mea_report.pdf

(Joint Utility Response)

Public Service Company of New Hampshire
Docket No. DE 08-120

Record Request HD-01
Dated: 12/12/2008
Q-RR-002
Page 1 of 2

Witness: Gilbert E. Gelineau Jr
Request from: New Hampshire Public Utilities Commission

Question:

Exhibit 3: Please provide a history of Home Energy Assistance by utility for the last three years

- i. as a percent of total budget
- ii. budget to actuals

Response:

Please see attached spreadsheet.

(Joint Utility Response)

NH CORE Energy Efficiency Programs
Home Energy Assistance Program

	2006						2007						2008		
	Plan			Actual			Plan			Actual			Plan		
	HEA	Total	%	HEA	Total	%	HEA	Total	%	HEA	Total	%	HEA	Total	%
NGRID	\$83,875	\$1,705,317	4.9	\$132,313	\$1,790,864	7.4	\$140,484	\$1,982,000	7.1	\$129,414	\$1,534,806	8.4	\$173,675	\$1,916,050	9.1
NHEC	\$148,281	\$1,349,737	11.0	\$159,927	\$1,312,978	12.2	\$133,453	\$1,229,590	10.9	\$149,138	\$1,200,923	12.4	\$148,421	\$1,306,060	11.4
PSNH	\$1,606,260	\$14,782,831	10.9	\$1,727,126	\$13,384,070	12.9	\$1,527,416	\$13,762,109	11.1	\$1,834,182	\$13,596,280	13.5	\$1,822,620	\$15,038,523	12.1
UES	\$363,834	\$2,715,501	13.4	\$362,541	\$2,650,451	13.7	\$277,934	\$2,407,143	11.5	\$245,252	\$2,187,312	11.2	\$296,296	\$1,965,698	15.1
NH-TOT	\$2,202,250	\$20,553,386	10.7	\$2,381,908	\$19,138,363	12.4	\$2,079,287	\$19,380,842	10.7	\$2,357,987	\$18,519,321	12.7	\$2,441,012	\$20,226,331	12.1

Note: Both "Plan Total" and "Actual Total" assume Performance Incentive of 8%

Public Service Company of New Hampshire
Docket No. DE 08-120

Record Request HD-01
Dated: 12/12/2008
Q-RR-003
Page 1 of 2

Witness: Gilbert E. Gelineau Jr
Request from: New Hampshire Public Utilities Commission

Question:
Exhibit 5. Refer to Exhibit 4, p. 2, PSNH table. Please provide the savings in kilowatt-hours and in MMBTUs based on the assumptions used, and include cents per kilowatt-hour and \$ per MMBTU.

Response:
Please see attached spreadsheet.

(PSNH Response)

NH CORE Energy Efficiency Programs
Home Energy Solutions Program
 PSNH Planned Energy Savings in Fuel Blind Pilot

Electric Measure Savings				Non-Electric Measure Savings							
Lifetime kWh Savings	\$/kWh	Dollar Value (\$0.16/kWh)	Electric Savings As Percent of Total	Lifetime MMBTU Savings	Non-electric Savings Expressed In kWh	Fuel Type	Fuel Quantity		Fuel Price	Dollar Value	Non-electric Savings As Percent of Total
227,287	0.1646	\$37,411	7.0%	10,358	3,035,756	Natural Gas	103,605	Therms	\$1.50	\$155,408	93.0%
264,676	0.1646	\$43,566	7.0%	12,062	3,535,170	LP Gas	126,304	gallons	\$2.78	\$351,125	93.0%
1,663,741	0.1646	\$273,852	7.0%	75,818	22,220,985	#2 Fuel Oil	545,948	gallons	\$2.52	\$1,375,789	93.0%

N158-2 REV. 1-94 EP-72



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