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The Northeast Utilities System

Gerald M. Eaton Senior Counsel

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May 22, 2008

Debra A. Howland
Executive Director and Secretary
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, New Hampshire 03301-2429

Re:

PSNH - Default Energy Service Rate - Mid Term Adjustment

Docket No. DE 07-096

Dear Secretary Howland:

Enclosed please find seven copies of revised attachments to the pre-filed Direct Testimony of Robert A. Baumann. Based upon more recent actual data through the end of April and newly forecasted data through December 31, 2008, Public Service Company of New Hampshire ("PSNH") is requesting an increase in the Default Energy Service Rate ("ES") from the current charge of 8.82 cents per kilowatt-hour to 9.40 cents per kilowatt-hour.

Also enclosed are seven copies of the pre-filed Technical Statement of Richard C. Labrecque explaining the factors contributing to the increased ES rate. Copies of this filing have been forwarded to the persons on the attached Service List.

Sincerely,

Gerald M. Eaton Senior Counsel

Secold M. Patos

Enclosures cc: Service List

ORIGINAL

N.H.P.U.S. Case No. 01.096

Exhibit No. 10

Witness Panel

DO NOT REMOVE FROM FILE

Service List Docket DE 07-096

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

Ms. Mary Coleman Assistant 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

Atty. David J. Shulock Brown, Olson & Gould 2 Delta Drive, Suite 301 Concord, NH 03301-7426

Ms. Betsy Dunn PO Box 120 Wilton, NH 03086

Mr.David Juvet Business & Industry Association 122 North Main Street Concord, NH 03301

Ms. K'LaRae Nolin Admin Support Public Service of New Hampshire 780 N. Commercial Street Manchester, NH 03105-0330 ** Librarian State of New Hampshire Public Utilities Commission 21 S. Fruit Street, Suite 10 Concord, NH 03301-2429

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

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Atty. Amy Ignatius Director Office of Energy and Planning 57 Regional Drive Concord, NH 03301-8519

Atty. Donald J. Pfundstein Gallagher Callahan & Gartrell 214 North Main St. PO Box 1415 Concord, NH 03302-1415 Ms. Suzanne Amidon Staff Attorney State of New Hampshire Public Utilities Commission 21 S. Fruit Street, Suite 10 Concord, NH 03301-2429

Mr. Steve Mullen Utility Analyst III State of New Hampshire Public Utilities Commission 21 S. Fruit Street, Suite 10 Concord, NH 03301-2429

Mr. Kenneth E. Traum Office of Consumer Advocate 21 S. Fruit Street, Suite 18 Concord, NH 03301-2429

Mr. Allen M. Desbiens Senior Analyst Public Service of New Hampshire 780 N. Commercial Street Manchester, NH 03101

Atty. Gary Epler Unitil 6 Liberty Lane West Hampton, NH 03842-1720

Atty. Nicholas J. Lazos Stebbins, Lazos & VanDerBeken PA 66 Hanover Street, Suite 301 Manchester, NH 03101

Atty. James T. Rodier 1500 A Lafayette Road, #112 Portsmouth, NH 03801-5918

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE 2 2008 ENERGY SERVICE RATE CALCULATION 3 (Dollars in 000's) 6 10 Summary of Forecasted Energy Service 11 Cost For January 2008 Through December 2008 TOTAL COST Reference 164,604 Attachment RAB-2, page 2 13 Fossil energy costs \$ 14 F/H O&M, Depreciation & Taxes 135,632 Attachment RAB-2, page 2 39,076 Attachment RAB-2, page 2 15 Return on rate base 16 Ancillary, ISO-NE, Uplift, RPS & Capacity Costs 44,081 Attachment RAB-2, page 2 17 Vermont Yankee 6,830 Attachment RAB-2, page 2 46,786 Attachment RAB-2, page 2 18 IPP costs (1) 19 Purchases and Sales 297,013 Attachment RAB-2, page 2 20 Return on ES Deferral (147) Attachment RAB-2, page 2 21 ES Uncollectible Expense 1,392 Attachment RAB-2, page 2 (20,800) Attachment RAB-2, page 3 22 2007 Actual ES Overrecovery 23 Total Updated Energy Service Cost \$ 714,466 Attachment RAB-2, page 2 24 Total Updated Revenue at 8.82 cents per kwh 690,955 Attachment RAB-2, page 2 25 Energy Service Under/(Over) Recovery 23,511 26 Forecasted Retail MWH Sales - July - December 2008 4,043,131 Attachment RAB-2, page 2 27 Increase in Energy Service Rate - cents per kwh (L25/26) \$ 0.58 28 Energy Service rate as approved in DE 06-096 - cents per kwh \$ 8.82

\$

9.40

30 (1) The IPP costs represent the forecasted Market Value of IPP generation.

29 Updated Energy Service rate effective 7/1/08 - cents per kwh

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE 2008 ENERGY SERVICE RATE CALCULATION (Dollars in 000's)

5	
6	
7	
8	

7								
8	January	February	March	April	May		June	
9	2008	2008	2008	2008	2008		2008	
10 Energy Service Cost	Actual	Actual	Actual	Actual	Estimate	F	Re-estimate	Reference
11								
12 Fossil Energy Costs	\$ 16,636	\$ 13,653	\$ 13,937	\$ 7,190	\$ 6,023	\$	14,507	RAB-2, P3
13 F/H O&M, Depreciation & Taxes	9,507	9,407	10,623	15,612	13,386		9,443	RAB-2, P5
14 Return on Rate Base	2,993	3,007	2,908	2,940	3,123		3,359	RAB-2, P6
15 Ancillary, ISO-NE, Uplift, RPS & Capacity Costs	3,174	3,052	3,468	3,173	2,844		3,980	RAB-2, P3
16 Vermont Yankee	655	605	567	573	627		607	RAB-2, P3
17 IPP Costs	5,647	5,352	4,984	4,366	3,647		3,251	RAB-2, P4
18 Purchases and Sales	18,069	17,691	18,974	27,684	29,576		21,243	RAB-2, P3
19 Return on ES Deferral	(74)	(68)	(73)	(53)	(31)		(22)	
20 ES Uncollectible Expense	-		-	-	174		174	
21 2007 Actual ES Over-recovery	(20,800)	-	-	-	-			
22								
23 Total Energy Service Cost Re-estimate	\$ 35,808	\$ 52,698	\$ 55,388	\$ 61,485	\$ 59,369	\$	56,541	
24								
25 Total Energy Service Revenue @ 8.82	\$ 61,543	\$ 56,104	\$ 57,537	\$ 50,355	\$ 53,122	\$	55,689	
26								
27 ES Under/(Over) Recovery	\$ (25,735)	\$ (3,407)	\$ (2,149)	\$ 11,130	\$ 6,246	\$	852	
28								
29 Retail MWH Sales	697,877	636,122	652,440	570,922	602,293		631,391	
30								
31 Energy Service Cost - cents per kwh	5.13	8.28	8.49	10.77	9.86		8.95	

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE 2008 ENERGY SERVICE RATE CALCULATION (Dollars in 000's)

September Coctober Coctober	1								EW HAMPS		RE				
			20	U8 E					ALCULATI	ON					
November November	4				,,	JOIL	a15 III 000	3)							
November November	5														
Supplemental Notation Supp															
9	7														
No. No.	8		July		August	S	eptember		October	N	lovember		ecember)		
11 12 Fossil Energy Costs \$ 19,927 \$ 18,140 \$ 12,473 \$ 12,123 \$ 14,706 \$ 15,288 \$ 164,604 RAB-2, P3 13 F/H O&M, Depreciation & Taxes 10,523 9,836 13,948 14,293 9,252 9,802 135,632 RAB-2, P5 14 Return on Rate Base 3,411 3,440 3,467 3,472 3,475 3,481 39,076 RAB-2, P6 15 Ancillary, ISO-NE, Uplift, RPS & Capacity Costs 627 627 607 344 364 627 6,830 RAB-2, P3 16 Vermont Yankee 627 627 607 344 364 627 6,830 RAB-2, P3 16 Vermont Yankee 3,003 2,764 2,508 3,096 3,722 4,446 46,786 RAB-2, P3 17 IPP Costs 3,003 2,764 2,508 3,096 3,722 4,446 46,786 RAB-2, P3 19 Return on ES Deferral (14) 1 19 44 60 66 (147) 20 ES Uncollectible Expense 174 174 174 174 174 174 174 1,392 21 2007 Actual ES Over-recovery 1707 Actual ES Over-recovery 22 3 Total Energy Service Cost 5 69,469 \$ 69,469 \$ 69,177 \$ 64,240 \$ 67,494 \$ 58,235 \$ 64,563 \$ 714,466 24 25 Total Energy Service Revenue @ 8.82 \$ 63,842 \$ 63,090 \$ 55,490 \$ 56,700 \$ 56,466 \$ 61,017 690,955 26	9		2008		2008		2008		2008		2008		2008		
12 Fossil Energy Costs \$ 19,927 \$ 18,140 \$ 12,473 \$ 12,123 \$ 14,706 \$ 15,288 \$ 164,604 RAB-2, P3 13 F/H O&M, Depreciation & Taxes 10,523 \$ 9,836 \$ 13,948 \$ 14,293 \$ 9,252 \$ 9,802 \$ 135,632 RAB-2, P5 14 Return on Rate Base 3,411 3,440 3,440 3,467 3,472 3,475 3,481 39,076 RAB-2, P6 15 Ancillary, ISO-NE, Uplift, RPS & Capacity Costs 8,940 3,793 3,618 3,923 4,466 4,652 44,081 RAB-2, P3 16 Vermont Yankee 627 627 627 607 344 364 627 6,830 RAB-2, P3 17 IPP Costs 3,003 2,764 2,508 3,096 3,722 4,446 46,786 RAB-2, P3 18 Purchases and Sales 27,878 30,403 2,746 30,025 22,016 26,027 297,013 RAB-2, P3 19 Return on ES Deferral (14) 1 19 44 60 66 (147) 20 ES Uncollectible Expense 174 174 174 174 174 174 1,392 21 2007 Actual ES Over-recovery 2 5,638 \$ 69,469 \$ 69,177 \$ 64,240 \$ 67,494 \$ 58,235 \$ 64,563 \$ 714,466 24	10 Energy Service Cost	Re	-estimate	Re	-estimate	Re	e-estimate	R	e-estimate	R	e-estimate	Re	e-estimate	Total	Reference
13 F/H O&M, Depreciation & Taxes 10,523 9,836 13,948 14,293 9,252 9,802 135,632 RAB-2, P5 14 Return on Rate Base 3,411 3,440 3,467 3,472 3,475 3,481 39,076 RAB-2, P6 15 Ancillary, ISO-NE, Uplift, RPS & Capacity Costs 3,940 3,793 3,618 3,923 4,466 4,652 44,081 RAB-2, P3 16 Vermont Yankee 627 627 627 607 344 364 627 6,830 RAB-2, P3 17 IPP Costs 3,003 2,764 2,508 3,096 3,722 4,446 46,786 RAB-2, P4 18 Purchases and Sales 27,878 30,403 27,426 30,025 22,016 26,027 297,013 RAB-2, P3 19 Return on ES Deferral (14) 1 19 44 60 66 (147) 20 ES Uncollectible Expense 174 174 174 174 174 174 174 174 1,392 21 2007 Actual ES Over-recovery (20,800) 22 23 Total Energy Service Cost \$69,469 \$69,177 \$64,240 \$67,494 \$58,235 \$64,563 \$714,466 24 25 Total Energy Service Revenue @ 8.82 \$63,842 \$63,090 \$55,490 \$56,700 \$56,466 \$61,017 690,955 26 27 ES Under/(Over) Recovery \$5,627 \$6,087 \$8,750 \$10,794 \$1,769 \$3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30	11														
14 Return on Rale Base 3,411 3,440 3,467 3,472 3,475 3,481 39,076 RAB-2, P6 15 Ancillary, ISO-NE, Uplift, RPS & Capacity Costs 3,940 3,793 3,618 3,923 4,466 4,652 44,081 RAB-2, P3 16 Vermont Yankee 627 627 607 344 364 627 6,830 RAB-2, P3 17 IPP Costs 3,003 2,764 2,508 3,096 3,722 4,466 4,678 RAB-2, P4 18 Purchases and Sales 27,878 30,403 27,426 30,025 22,016 26,027 297,013 RAB-2, P4 18 Purchases and Sales 174 174 174 174 174 174 174 174 1,392 21 2007 Actual ES Over-recovery 174 174 174 174 174 174 174 1,392 22 23 Total Energy Service Cost \$69,469 \$69,177 \$64,240 \$67,494 \$58,235 \$64,563 \$714,466 24 24 25 Total Energy Service Revenue @ 8.82 \$63,842 \$63,090 \$55,490 \$56,700 \$56,466 \$61,017 690,955 26 27 ES Under/(Over) Recovery \$5,627 \$6,087 \$8,750 \$10,794 \$1,769 \$3,546 23,511 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30 440,000 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 Fossil Energy Costs	\$	19,927	\$	18,140	\$	12,473	\$	12,123	\$	14,706	\$	15,288	\$ 164,604	RAB-2, P3
15 Ancillary, ISO-NE, Uplift, RPS & Capacity Costs 1,940 3,793 3,618 3,923 4,466 4,652 44,081 RAB-2, P3 16 Vermont Yankee 627 627 607 344 364 627 6,830 RAB-2, P3 17 IPP Costs 3,003 2,764 2,508 3,096 3,722 4,446 46,786 RAB-2, P4 18 Purchases and Sales 27,878 30,403 27,426 30,025 22,016 26,027 297,013 RAB-2, P3 19 Return on ES Deferral (14) 1 19 44 60 66 (147) 20 ES Uncollectible Expense 174 174 174 174 174 174 174 1,392 21 2007 Actual ES Over-recovery 22 3 Total Energy Service Cost \$69,469 \$69,177 \$64,240 \$67,494 \$58,235 \$64,563 \$714,466 24 25 Total Energy Service Revenue @ 8.82 \$63,842 \$63,090 \$55,490 \$56,700 \$56,466 \$61,017 690,955 26 27 ES Under/(Over) Recovery \$5,627 \$6,087 \$8,750 \$10,794 \$1,769 \$3,546 23,511 28 9 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30	13 F/H O&M, Depreciation & Taxes		10,523		9,836		13,948		14,293						
16 Vermont Yankee 627 627 627 637 344 364 627 6,830 RAB-2, P3 17 IPP Costs 3,003 2,764 2,508 3,096 3,722 4,446 46,786 RAB-2, P4 18 Purchases and Sales 27,878 30,403 27,426 30,025 22,016 26,027 297,013 RAB-2, P3 19 Return on ES Deferral (14) 1 19 44 60 66 (147) 20 ES Uncollectible Expense 174 174 174 174 174 174 1,392 21 2007 Actual ES Over-recovery - 1 1 174 174 174 174 1,392 22 3 Total Energy Service Cost \$69,469 \$69,177 \$64,240 \$67,494 \$58,235 \$64,563 \$714,466 24 25 Total Energy Service Revenue @ 8.82 \$63,842 \$63,090 \$55,490 \$56,700 \$56,466 \$61,017 690,955 26 27 ES Under/(Over) Recovery \$5,627 \$6,087 \$8,750 \$10,794 \$1,769 \$3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176	14 Return on Rate Base		3,411		3,440		3,467		3,472		3,475		3,481		
17 PP Costs 3,003 2,764 2,508 3,096 3,722 4,446 46,786 RAB-2, P4 18 Purchases and Sales 27,878 30,403 27,426 30,025 22,016 26,027 297,013 RAB-2, P3 19 Return on ES Deferral (14) 1 19 44 60 66 (147) 10 174 174 174 174 174 174 11 19 19 19 19 12 20 ES Uncollectible Expense 174 174 174 174 174 174 174 174 174 174 175 176 177 178 18 20 ES Uncollectible Expense 174 174 174 174 174 174 174 175 176 177 178 18 18 18 18 19 19 19 19 19 19 19	15 Ancillary, ISO-NE, Uplift, RPS & Capacity Costs		3,940		3,793		3,618		3,923		4,466				
18 Purchases and Sales 27,878 30,403 27,426 30,025 22,016 26,027 297,013 RAB-2, P3 19 Return on ES Deferral (14) 1 19 44 60 66 (147) 20 ES Uncollectible Expense 174 174 174 174 174 174 174 1,392 21 2007 Actual ES Over-recovery (20,800) 22 23 Total Energy Service Cost \$69,469 \$69,177 \$64,240 \$67,494 \$58,235 \$64,563 \$714,466 24 25 Total Energy Service Revenue @ 8.82 \$63,842 \$63,090 \$55,490 \$56,700 \$56,466 \$61,017 690,955 26 27 ES Under/(Over) Recovery \$5,627 \$6,087 \$8,750 \$10,794 \$1,769 \$3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176	16 Vermont Yankee		627		627		607		344		364		627		
19 Return on ES Deferral (14) 1 19 44 60 66 (147) 20 ES Uncollectible Expense 174 174 174 174 174 174 1.392 21 2007 Actual ES Over-recovery 22 23 Total Energy Service Cost \$69,469 \$69,177 \$64,240 \$67,494 \$58,235 \$64,563 \$714,466 24 25 Total Energy Service Revenue @ 8.82 \$63,842 \$63,090 \$55,490 \$56,700 \$56,466 \$61,017 690,955 26 27 ES Under/(Over) Recovery \$5,627 \$6,087 \$8,750 \$10,794 \$1,769 \$3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176	17 IPP Costs		3,003		2,764		2,508		3,096		3,722		4,446		
20 ES Uncollectible Expense 174 174 174 174 174 174 174 174 1,392 (20,800) 21 2007 Actual ES Over-recovery (20,800) 22 3 Total Energy Service Cost \$69,469 \$69,177 \$64,240 \$67,494 \$58,235 \$64,563 \$714,466 24 25 Total Energy Service Revenue @ 8.82 \$63,842 \$63,090 \$55,490 \$56,700 \$56,466 \$61,017 690,955 26 27 ES Under/(Over) Recovery \$5,627 \$6,087 \$8,750 \$10,794 \$1,769 \$3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30	18 Purchases and Sales		27,878		30,403		27,426		30,025		22,016		26,027	297,013	RAB-2, P3
21 2007 Actual ES Over-recovery (20,800) 22 23 Total Energy Service Cost \$69,469 \$69,177 \$64,240 \$67,494 \$58,235 \$64,563 \$714,466 24 25 Total Energy Service Revenue @ 8.82 \$63,842 \$63,090 \$55,490 \$56,700 \$56,466 \$61,017 690,955 26 27 ES Under/(Over) Recovery \$5,627 \$6,087 \$8,750 \$10,794 \$1,769 \$3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176	19 Return on ES Deferral		(14)		1		19		44		60		66	(147)	
22 23 Total Energy Service Cost \$ 69,469 \$ 69,177 \$ 64,240 \$ 67,494 \$ 58,235 \$ 64,563 \$ 714,466 24 25 Total Energy Service Revenue @ 8.82 \$ 63,842 \$ 63,090 \$ 55,490 \$ 56,700 \$ 56,466 \$ 61,017 690,955 26 27 ES Under/(Over) Recovery \$ 5,627 \$ 6,087 \$ 8,750 \$ 10,794 \$ 1,769 \$ 3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30	20 ES Uncollectible Expense		174		174		174		174		174		174	1,392	
23 Total Energy Service Cost \$ 69,469 \$ 69,177 \$ 64,240 \$ 67,494 \$ 58,235 \$ 64,563 \$ 714,466 24 25 Total Energy Service Revenue @ 8.82 \$ 63,842 \$ 63,090 \$ 55,490 \$ 56,700 \$ 56,466 \$ 61,017 690,955 26 27 ES Under/(Over) Recovery \$ 5,627 \$ 6,087 \$ 8,750 \$ 10,794 \$ 1,769 \$ 3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30	21 2007 Actual ES Over-recovery										-	_		 (20,800)	_
24 25 Total Energy Service Revenue @ 8.82 \$ 63,842 \$ 63,090 \$ 55,490 \$ 56,700 \$ 56,466 \$ 61,017 690,955 26 27 ES Under/(Over) Recovery \$ 5,627 \$ 6,087 \$ 8,750 \$ 10,794 \$ 1,769 \$ 3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30	22														
25 Total Energy Service Revenue @ 8.82 \$ 63,842 \$ 63,090 \$ 55,490 \$ 56,700 \$ 56,466 \$ 61,017 690,955 26 27 ES Under/(Over) Recovery \$ 5,627 \$ 6,087 \$ 8,750 \$ 10,794 \$ 1,769 \$ 3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30	23 Total Energy Service Cost	\$	69,469	\$	69,177	\$	64,240	\$	67,494	\$	58,235	\$	64,563	\$ 714,466	
26 27 ES Under/(Over) Recovery \$ 5,627 \$ 6,087 \$ 8,750 \$ 10,794 \$ 1,769 \$ 3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30	24														
27 ES Under/(Over) Recovery \$ 5,627 \$ 6,087 \$ 8,750 \$ 10,794 \$ 1,769 \$ 3,546 23,511 28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30		\$	63,842	\$	63,090	\$	55,490	\$	56,700	\$	56,466	\$	61,017	690,955	
28 29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30	26														
29 Forecasted Retail MWH Sales 723,829 715,306 629,136 642,854 640,201 691,805 7,834,176 30		\$	5,627	\$	6,087	\$	8,750	\$	10,794	\$	1,769	\$	3,546	23,511	
30															
			723,829		715,306		629,136		642,854		640,201		691,805	7,834,176	
	30														
31 Energy Service Cost - cents per kwh 9.60 9.67 10.21 10.50 9.10 9.33 9.12	31 Energy Service Cost - cents per kwh		9.60		9.67		10.21		10.50		9.10		9.33	9.12	

PUBLIC SERVICE RATE COMPANY OF NEW HAMPSHIRE 2008 ENERGY SERVICE RATE CALCULATION

PSNH Generation (GWh) and Expense (\$000) IPP's Priced at Market Rate

1		_	-	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	80-voM	Dec-08	Total
2	Hydro:	Energy		37.121	28.043	20.382	18.664	16.544	23.186	31.518	30.355	205.813
4	Coal:	Energy		121,176	321.389	340,894	327,280	271.526	267.065	326.022	339.890	2315.242
5		Energy Expense	s	5.471	13,791	14,613	14,053	11,757	11,607	13,990	14,548	99,830
6			•	-,	,	,	14,000	,,,	11,001	10,000	14,010	00,000
7	Wood:	Energy		30.132	29.160	30.132	30.132	29.160	21.020	29.160	30.132	229.028
8		Energy Expense	\$	1,501	1,635	1.689	1,689	1,635	1,178	1,635	1,689	12,651
9		Revenue Credit		(949)	(919)	(949)	(949)	(919)	(662)	(919)	(949)	(7215)
10					,		,	(,	,,		,,,,,	(/
11	Nuclear:	Energy		15.128	14.64	15.128	15.128	14.64	8.296	8,784	15,128	106.872
12		Energy Expense	\$	627	607	627	627	607	344	364	627	4,430
13												
14	Newington:	Energy		0.000	0.000	46.281	33.943	0.000	0.000	0.000	0.000	80.224
15		Energy Expense	\$	-	-	4,574	3,347	-	-	-	-	7,921
16												
17	IPP's:	Energy		41,113	32.225	26.384	24.238	24,137	28,431	34.672	39.067	250.267
18		Energy Expense	\$	3,412	3,104	2,856	2,617	2,361	2,807	3,433	4,157	24,747
19		ICAP	\$	235	147	147	147	147	289	289	289	1,690
20												
21		Energy		33.909	51.167	82.760	68.466	65.912	97.802	52,446	73.463	525.925
22		Expense	\$	2,749	4,690	8,992	7,599	6,445	9,908	5,230	7,981	53,594
23												
24	Known Purchases	Energy		316.277	180.704	169.877	167.477	197.504	153.877	143.904	152.277	1481.897
25		Expense	\$	23,490	15,166	14,967	14,709	16,197	12,813	11,913	12,651	121,906
26												
27	Offpeak Purchase:	Energy		44.934	36.583	48.167	81,603	57.831	82.218	52.816	53.861	458.013
28		Expense	\$	3,402	3,233	4,953	8,761	5,542	7,304	4,902	5,437	43,534
29		_										
30	Surplus Energy Sales	Energy	_	(0.897)	(24 071)	(12 276)	(8.218)	(9.838)	0.000	(0.333)	(0.487)	(56 178)
31 32		(Credit)	5	(65)	(1,845)	(1,034)	(666)	(758)	0	(29)	(42)	(4,440)
33 34	Congestion and Loss Adjustment		\$	(499)	85	(27)	(165)	(256)	(413)	27	(46)	(1.294)
-	Total Energy GWH			020.000		707 700						
			s	638.893 39,374	669.840	767.729	758.713	667.358	681.895	678.989	733.686	5,597.103
37	total Energy Expense		•	39,374	39,693	51,408	51,769	42,758	45,175	40,835	46,342	357,354
	Other Expense & Capacity											
	ISO-NE, Uplift, Reserve & Regulation		s	877	1,450	1,522		1,429	1,272	1,270		40.050
40	RPS and Ancillary	•	•	0//	1,450	1,522	1,513	1,429	1,2/2	1,270	1,319	10,652
	Newington Capacity Revenue		s	(142)	(142)	(142)	(142)	(142)	(142)			(852)
42	Henrigon Capacity Revenue		•	(142)	(142)	(142)	(142)	(142)	(142)		-	(052)
-	Capacity (sold)/bought MW-mo			855	690	690	690	690	855	845	901	6,215
	Capacity (sold)/bought Cost (\$000)		s	2,607	2.587	2.587	2,587	2,587	3,206	3,169	3,379	22,707
	, (, t) (4000)		•	_,007	2,007	2,007	2,007	2,507	5,200	5,105	9,010	22,707

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Forecasted I	PSNH IPP	Market V	alue
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2								
3			IPP at					
4		IPP	Mkt Value	Capacity	ICAP Value	ICAP	Total	Total
5	Month	GWh	(\$000)	MW	\$/kw-mo	(\$000)	(\$000)	\$/MWh
6	May	41.113	3,412	77.1	3.05	235.0	3,647	88.71
7	June	32.225	3,104	39.1	3.75	147.0	3,251	100.88
8	July	26.384	2,856	39.1	3.75	147.0	3,003	113.82
9	August	24.238	2,617	39.1	3.75	147.0	2,764	114.04
10	September	24.137	2,361	39.1	3.75	147.0	2,508	103.91
11	October	28.431	2,807	77.1	3.75	289.0	3,096	108.90
12	November	34.672	3,433	77.1	3.75	289.0	3,722	107.35
13	December	39.067	4,157	77.1	3.75	289.0	4,446	113.80
14	Total	250.267	24,747			1,690	26,437	105.64

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE 2008 ENERGY SERVICE RATE CALCULATION Fossil / Hydro O&M, Depreciation & Taxes Detail (Dollars in 000's)

5		
6		
7		

7																									
8																									
9	J	алиагу	Fe	bruary	- 1	March	April		May		June		July		August	Se	ptember	(October	N	ovember	D	ecember		
10		2008		2008		2008	2008		2008		2008		2008		2008		2008		2008		2008		2007	Total	
11 Fossil / Hydro O&M, Depr. & Taxes		Actual	-	Actual		Actual	Actual	E	stimate	Е	Estimate	ε	stimate	ε	stimate	E	stimate	Е	stimate	Ε	stimate	E	stimate		
12														\equiv											
13 F/H Operation & Maintenance Cost	\$	7,006	\$	6,991	\$	8,106	\$ 13,193	\$	10,841	\$	7,064	\$	7,850	\$	7,220	\$	11,213	\$	11,675	\$	6,642	\$	7,043	\$ 104,845	
14 F/H Depreciation Cost		1,648		1,657		1,658	1,658		1,785		1,786		1,815		1,828		1,840		1,846		1,850		1,855	21,227	
15 F/H Property Taxes		612		617		663	616		668		668		668		668		668		668		668		668	7,853	
16 F/H Payroll Taxes		240		141		91	145		92		102		190		120		102		104		92		109	1,528	
17 Amort. of Asset Retirement Obligation		-		-		104	-		-		123		-				125		-		-		127	479	
18 2008 SO2 Auction Proceeds				-							(300)		-		-		_		-		-		-	(300)	
19																									
20 Total F/H O&M, Depr. and Taxes	\$	9,507	\$	9,407	\$	10,623	\$ 15,612	\$	13,386	\$	9,443	\$	10,523	\$	9,836	\$	13,948	\$	14,293	\$	9,252	\$	9,802	\$ 135,632	

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE 2008 ENERGY SERVICE RATE CALCULATION FOSSIL/HYDRO RETURN ON RATE BASE (Dollars in 000's)

7														
8														
9		January	February	March	April	May	June	July	August	September	October	November	December	
10		2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2007	Total
11	Return on Rate Base	Actual	Actual	Actual	Actual	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	
12														
13														
14	Rate base													
15	Net Plant	238,148	238,148	237,797	237,797	253,844	266,994	266,747	273,591	272.548	274,528	275,114	274,802	
16														
17	Working Capital Allow. (45 days of O&M)	13,898	13,898	13,898	13,898	12,926	12,926	12,926	12,926	12,926	12,926	12,926	12,926	
18	Fossil Fuel Inventory	43,067	43,067	37,073	37,073	54,270	54,270	54,270	54,270	54,270	54,270	54,270	54,270	
19	Mat'ls and Supplies	42,426	42,426	44,438	44,438	40,358	40,267	40,031	39,758	39,449	38,875	39,109	42,986	
20	Prepaid Property Taxes	2,068	2,068	164	164	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	
21	Deferred Taxes	(14,097)	(14,097)	(12,939)	(12,939)	(3,689)	(4,858)	(4,821)	(4,819)	(4,070)	(3,726)	(5,689)	(6,767)	
22	Other Regulatory Obligations	(1,373)	(1,373)	(1,472)	(972)	(972)	(972)	(972)	(972)	(972)	(972)	(972)	(972)	
23	Total Rate Base (L15 thru L22)	324,138	324,138	318,959	319,459	358,765	370,655	370,209	376,782	376,179	377,929	376,786	379,273	
24														
25	Average Rate Base (prev + curr month)	322,694	324,138	321,548	319,209	339,112	364,710	370,432	373,495	376.480	377,054	377,358	378,030	
26	x Return	0.9276%	0.9276%	0.9276%	0.9209%	0.9209%	0.9209%	0.9209%	0.9209%	0.9209%	0.9209%	0.9209%	0.9209%	
27	Return (L25 x L26)	\$ 2,993	\$ 3,007 \$	2,908		\$ 3,123	3,359		\$ 3,440	\$ 3,467			\$ 3,481	\$ 39,076

Dated: 5/22/08 Attachment RAB-3 Page 1

THE STATE OF NEW HAMPSHIRE BEFORE THE NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

Public Service Company of New Hampshire Energy Service Rate Mid-Year Adjustment

Docket No. DE 07-096

Technical Statement of Richard C. Labrecque

Actual Over-Recovery during January - April 2008 [\$11.3 million greater than original forecast]

Actual fuel and energy-related expenses for this period were \$14.5 million lower than forecasted, due primarily to a reduced energy requirement and the resulting reduction in market purchase expenses. Also, the non-fuel and non-energy expenses (O&M, Depreciation, Taxes, and Return on Rate Base, Return on ES deferral, Uncollectible Expenses, ISO charges, and Capacity charges) were lower by approximately \$8.2 million. In addition, the actual 2007 over-recovery was \$1.9 million greater than originally forecasted. Total ES revenues were approximately \$13.3 million lower than forecasted due to fewer sales. The combined effect of reduced expenses and revenues resulted in an actual over-recovery of approximately \$20.2 million, which was \$11.3 million greater than the \$8.9 million over-recovery originally forecasted. Variance details are provided on Tech Statement Table-1 below.

Comment on Reduced Customer Sales Forecast

The original expense forecast (filed November 21, 2007) assumed customer migration of approximately 3%, i.e. the base sales forecast was adjusted down by 3% for potential migration. First quarter actual customer migration was approximately 3.5% of ES sales. For the forecast period of this filing (May – Dec), the customer migration assumption has been increased to approximately 4.3% to account for preliminary migration data through April. This filing also incorporates a more recent sales forecast in which May through December sales have been reduced by 1.7% from those in the November 2007 submittal.

Forecasted Under-Recovery for May - December 2008 [\$34.8 million greater than original forecast]

Forecasted fuel and energy-related expenses for this period have increased by \$22.6 million, primarily due to the items described below. Forecasted non-fuel and non-energy expenses (O&M, Depreciation, Taxes, and Return on Rate Base, Return on ES deferral, Uncollectible Expense, ISO charges, and Capacity charges) have decreased \$1.9 million. The combined effect of these changes is a net expense increase of \$20.7 million. At the current ES rate of 8.82 cents/kwh, forecasted revenues for May through December would decrease by \$14.1 million due to the reduced customer sales forecast. Thus, this updated ES filing reflects a forecasted net under-recovery of \$43.7 million, which is \$34.8 million greater than the \$8.9 million under-recovery originally forecasted.

Dated: 5/22/08 Attachment RAB-3

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Description	Amount (\$000)	Note #
1. Coal (Merrimack, Schiller 4 & 6)	\$10,623	1
2. Wood (Schiller 5)	\$2,080	2
3. ISO-NE Ancillary Services	(\$1,972)	3
4. IPP Market Value	\$327	4
5. Market Purchases	<u>\$9,595</u>	5
	\$20,653	

Notes:

- 1. Adjustment to the estimated delivered coal cost (\$/ton). See response to NSTF-02, Q-STAFF-003.
- 2. Adjustment to the estimated delivered Schiller wood cost to reflect the impact of higher diesel prices on trucking costs (\$/ton).
- 3. Decreased ISO-NE Forward Reserve Market charge estimate.
- 4. The minimal net change is due to the combined impact of higher forecasted market prices and a reduced quantity of IPP purchases. One large IPP that was originally expected to be on short-term rates is no longer selling to PSNH.
- 5. The original forecast included approximately 1045 GWH of supplemental market purchases at an average expense of over \$78/MWh. Based on the reduced sales forecast, the purchase quantity has been reduced to approximately 928 GWH. Based on higher forward market prices, the average cost of these purchases is forecasted to be approximately \$98/MWh. The combined effect of lower quantity and higher price results in the noted expense increase. Note: the purchase quantities discussed above are in addition to 1482 GWH of previously executed contracts at an average cost of \$82/MWH. The table below provides the forward market prices from the original filing and this updated filing.

harry Carl						\$/MWh						
	5/	19/08 UPDAT	E			11/15/07	Original			Cha	nge	
1	Weekend	Weekend	Weekday	Weekday	Weekend	Weekend	Weekday	Weekday	Weekday	Weekday	Weekend	Weekend
	5x16	5x8	2x16	2x8	5x16	<u>5x8</u>	2x16	2x8	5x16	5x8	2x16	2x8
May-08	94.67	64.59	86.62	63.70	77.60	52.33	70.18	51.61	17.07	12.26	16.44	12.09
Jun-08	110.50	78.05	96.45	72.61	81.63	56.13	69,36	52.22	28.87	21.92	27.09	20.39
Jul-08	125.64	90.32	96.14	84.00	92.25	63.25	67.33	58.83	33.39	27.06	28.81	25.17
Aug-08	126.65	85.13	106.48	80.38	92.98	59.61	74.56	56.28	33.67	25.52	31.92	24.10
Sep-08	110.50	80.13	99.08	74.01	81.35	55.99	69.22	51.71	29.15	24.15	29.86	22.30
Oct-08	111.75	77.31	103.07	76.79	81.65	54.35	72.45	53.98	30.10	22.97	30.62	22.81
Nov-08	113.53	83.21	98.94	72.82	83.80	61.13	72.69	53.50	29.73	22.08	26.25	19.32
Dec-08	118.25	87.19	110.87	84.77	87.65	65.00	82.64	63.19	30.60	22.20	28.23	21.58

Tech Statement Table-1 - Summary of Actual vs. Forecasted Power Supply Expenses [Jan - Apr 2008]

ACTUAL RESULTS		Actual		Actual February		Actual		Actual April		Total
		January		The second second	_	March	_	- married	-	1 Otal
Energy Service Cost	_	2008	_	2008	_	2008	-	2008	-	
			-				_	7.105	-	54 447
Fossil Energy Costs	\$	16,636	\$	13,653	\$	13,937	\$	7,190	\$	51,417
F/H O&M, Depreciation & Taxes		9,507		9,407	-	10,623		15,612	-	45,149
Return on Rate Base		2,993		3,007		2,908		2,940		11,848
Ancillary, ISO-NE, Uplift & Capacity Costs		3,174		3,052		3,468		3,173		12,867
Vermont Yankee		655		605		567	li cur	573		2,400
IPP Costs		5,647		5,352		4,984		4,366		20,349
Purchases and Sales		18,069		17,691		18,974		27,684		82,419
Return on ES deferral	-	(74)		(68)		(73)		(53)		(269)
ES Uncollectible Expense				<u> </u>				-		-
2007 Actual ES Over-recovery		(20,800)		-	-	-	-			(20,800)
2007 / Octob 120 0 101 / 10001017		(20,000)								(==)===/
Total Energy Service Cost	\$	35,808	\$	52,698	\$	55,388	\$	61,485	\$	205,379
		04 540		50.404		E7 E07		50.055		005 540
Total Energy Service Revenue @ 8.82 Rate	\$	61,543		56,104	A. C. Sandania	57,537		50,355	\$	225,540
Forecasted ES Under/ (Over) Recovery	\$	(25,735)	\$	(3,407)	\$	(2,149)	\$	11,130	\$	(20,161)
Forecasted Retail MWH Sales		697,877		636,122		652,440		570,922		2,557,361
Energy Service Cost - cents per kwh		5.13	-	8.28		8.49		10.77		8.03
NOVEMBER 2007 FORECAST		Estimate		Estimate		Estimate		Estimate		
		January	F	February		March		April		Total
Energy Service Cost		2008		2008		2008		2008		
							1			
Fossil Energy Costs	\$	18,105	\$	16,504	\$	12,994	\$	5,029	\$	52,632
F/H O&M, Depreciation & Taxes	-	10,047		9,156		12,058		18,718	-	49,979
Return on Rate Base	-	3.278		3,255		3,241	-	3,264	-	13,037
The state of the s		- districts	-	totalinin mine	-	3,635		3,062	\vdash	14,486
Ancillary, ISO-NE, Uplift & Capacity Costs	-	3,933		3,856		110000000000	-	and the same of the same of the same of		2,448
Vermont Yankee		627		587		627		607		THE RESERVE AND ADDRESS OF THE PARTY OF THE
IPP Costs	-	5,163		4,964		5,097		3,794	-	19,018
Purchases and Sales		21,241		20,364		21,790		33,552		96,947
Return on ES deferral		(116)	1	(117)		(120)		(99)	}	(452)
ES Uncollectible Expense		174		174		174		174		696
2007 Forecast ES Over-recovery		(18,875)			_					(18,875)
Total Energy Service Cost	\$	43,578	\$	58,742	\$	59,496	\$	68,100	\$	229,917
Total Energy Service Revenue @ 8.82 Rate	\$	62,802	\$	59,175	\$	60,284	\$	56,533	\$	238,795
Forecasted ES Under/ (Over) Recovery	\$	(19,225)	\$	(433)	\$	(788)	\$	11,567	\$	(8,879)
Forecasted Retail MWH Sales		712,384		671,236		683,821		641,272	-	2,708,713
Energy Service Cost - cents per kwh		6.12		8.75		8.70		10.62		8.49
VARIANCES	Januar		February		March		April			Total
Energy Service Cost		2008	2008		2008		2008			TOTAL
Energy Service Cost	-	2008	-	2008	_	2008		2006		
Fossil Energy Costs	\$	(1,469)	\$	(2,851)	\$	943	\$	2,161	\$	(1,216)
F/H O&M, Depreciation & Taxes		(540)	-	251		(1,435)		(3,106)	Serie Branch	(4,830)
Return on Rate Base		(284)	-	(248)	-	(333)		(32.4)	-	(1,189)
Ancillary, ISO-NE, Uplift & Capacity Costs		- Comment of the		(804)		(167)	-	112		(1,619)
		(760)		The second secon	-			(34)	-	(1,013)
Vermont Yankee	-	28		18		(60)			-	
IPP Costs		484		388	_	(113)		572		1,331
Purchases and Sales		(3,171)		(2,673)		(2,816)		(5,868)	-	(14,528)
Return on ES deferral		42		49		46		46		184
ES Uncollectible Expense		(174)		(174)		(174)		(174)		(696)
2007 Forecast ES Over-recovery		(1,925)		-		SEC 1971				(1,925)
2007 1 DIGUASI ES OVEI-TECOVETY	-	(I,OLO)	_						1	
Total Energy Service Cost	\$	(7,770)		(6,044)	\$	(4,108)	\$	(6,615)	\$	(24,538)
Total Energy Service Cost		(7,770)	\$	A						(24,538)
Total Energy Service Cost Total Energy Service Revenue @ 8.82 Rate	\$	(7,770) (1,259)	\$	(3,071)	\$	(2,748)	\$	(6,178)	\$	(13,256)
Total Energy Service Cost		(7,770)	\$	A	\$		\$		\$	(24,538) (13,256) (11,282) (151,352)