

Public Service Company of New Hampshire  
Docket No. DE 07-122

5  
Data Request NSTF-01  
Dated: 09/23/2008  
Q-STAFF-001  
Page 1 of 3

**Witness:** Carl N. Vogel  
**Request from:** New Hampshire Public Utilities Commission Staff

**Question:**

Reference Motion, paragraph G. Please provide detailed monthly calculations supporting the \$7,002,114 amount that would be due Hemphill, the \$14,847,304 Hemphill claims it should have been paid, and the \$7,845,190 that was paid by PSNH at the short-term rate.

**Response:**

The attached spreadsheet prices the Hemphill generation from October 27, 2006, the date PSNH claimed the rate order ended through October 26, 2007, the date Hemphill claimed the rate order ended. The left side of the spreadsheet shows the details of what PSNH actually paid and the right side of the sheet shows what would have been paid if at rate order rates. The total values shown on the spreadsheet differ from the values contained in the narrative of the motion to approve settlement filing. The difference is due to the fact that the values in the narrative came from Hemphill's records and the values in the spreadsheet are from PSNH's records.

ORIGINAL	
N.H.P.U.C. Case No.	DE 07-122
Exhibit No.	5
Witness	Panel
DO NOT REMOVE FROM FILE	

**Hemphill Generation**

from 10/27/06 - 10/26/07

ST Breakdown

\*\*\*\*\* **Actual Payments at Avoided Cost Rates** \*\*\*\*\*

Date	Energy KWH	Energy \$	LLAF \$	Capacity \$	Adjustmt \$	Total \$
10/27/06 -						
11/20/06	7,424,141	476,435	2,954			\$479,389
12/20/06	10,273,714	606,240	3,759			\$609,998
1/31/07	13,329,585	736,617	4,567			\$741,184
2/28/07	9,597,216	753,861	4,674	33,393		\$791,928
3/31/07	9,897,803	644,561	3,996	36,140		\$684,697
4/30/07	10,058,216	661,517	4,101	40,971		\$706,589
5/31/07	8,186,202	552,064	3,423	40,984	7,979	\$604,450
6/30/07	7,526,026	441,784	2,739	40,879	5,162	\$490,565
7/31/07	9,126,372	541,568	3,358	41,032		\$585,957
8/31/07	8,668,463	560,266	3,474	39,590		\$603,329
9/30/07	10,007,004	616,822	3,824	39,076	-83	\$659,640
10/26/07	8,705,302	527,978	3,273	38,965	6	\$570,223
Sep Cap				38,698		\$38,698
Oct Cap				33,682		\$33,682
<b>Totals</b>	<b>112,800,044</b>	<b>\$7,119,714</b>	<b>\$44,142</b>	<b>\$423,409</b>	<b>\$13,064</b>	<b>\$7,600,330</b>

Notes

1. LLAF is the Line loss adjustment factor and represents the reduction in line losses priced at the avoided cost rate paid to Hemphill.
2. Adjustments are for corrections paid to the project when positive or withheld when negative associated with recalculations in capacity value made by ISO.

Rate Order Breakdown									
* * * * * Payments That Would Have Been Made Using Rate Order Rates * * * * *									
Date	ON Pk KWhr	Of Pk KWhr	R.O.Energy On Pk \$	R.O. Energy Off Pk \$	ST KWh	ST Energy \$	Adjustments	Capacity \$	Total
10/27/06 -									
11/20/06	3,367,463	4,029,633	\$473,802	\$425,932	27,045	\$2,445	\$17,883	\$110,872	\$1,030,932.88
12/20/06	4,366,917	5,569,083	\$614,425	\$588,652	337,714	\$20,608		\$110,872	\$1,334,556.98
1/31/07	5,492,836	7,834,316	\$772,842	\$828,087	2,433	137		\$110,872	\$1,711,937.60
2/28/07	3,942,848	5,330,752	\$554,759	\$563,460	323,616	\$25,666		\$110,872	\$1,254,756.92
3/31/07	4,670,500	5,227,131	\$657,139	\$552,508	172	\$11		\$110,872	\$1,320,529.26
4/30/07	4,322,210	5,613,790	\$608,135	\$593,378	122,216	\$8,181		\$110,872	\$1,320,565.23
5/31/07	3,574,212	4,611,990	\$502,892	\$487,487	-	\$0		\$110,872	\$1,101,250.49
6/30/07	3,479,597	4,046,429	\$489,579	\$427,708	-	-		\$110,872	\$1,028,158.40
7/31/07	4,099,131	5,027,242	\$576,748	\$531,379	-	-		\$110,872	\$1,218,998.62
8/31/07	4,011,320	4,657,143	\$564,393	\$492,260	-	-		\$110,872	\$1,167,524.26
9/30/07	3,978,480	6,028,525	\$559,772	\$637,215	-	-		\$110,872	\$1,307,858.63
10/26/07	3,936,294	4,674,906	\$553,837	\$494,138	94,102	5,339		\$92,989	\$1,146,301.63
Sep Cap									
Oct Cap									
<b>Totals</b>	<b>49,241,808</b>	<b>62,650,939</b>	<b>\$6,928,322</b>	<b>\$6,622,204</b>	<b>907,297</b>	<b>\$62,386</b>	<b>\$17,883</b>	<b>\$1,312,576</b>	<b>\$14,943,370.91</b>
								<b>Overall Difference</b>	<b>\$7,343,041.38</b>

Notes:

1. ST KWH and \$ is the amount of energy above the amount associated with the capacity filed for rate order rates. It is priced at the avoided cost rate.
2. Adjustments - this is the rate order capacity amount that would have been paid from October 27, 2006 through October 31, 2006.