

ORIGINAL	
N.H.P.U.C. Case No.	DE 10-160
Exhibit No.	#8
Witness	Panel 1
DO NOT REMOVE FROM FILE	

Public Service Company of New  
Hampshire  
Docket No. DE 10-257

Data Request STAFF-01

Dated: 10/21/2010  
Q-STAFF-001  
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**Witness:** Robert A. Baumann, Frederick White  
**Request from:** New Hampshire Public Utilities Commission Staff

**Question:**

Reference Attachment RAB-1, page 1. Please provide, by generating unit, a) the total revenues listed by source and b) the total revenue requirements used in calculating the preliminary 2011 energy service rate. For purposes of this question, the hydro units and the combustion turbines can be shown as separate groups.

**Response:**

The tables shown on page 2 of 2 summarize by generating unit the estimate of forecasted revenue requirements and wholesale market revenues consistent with the preliminary 2011 energy service rate, in thousands of dollars. The revenue requirements are not typically tracked on a station or unit specific basis. In order to provide this detailed breakout, assumptions were made as to allocations to specific station or unit for items such as depreciation of common facilities, property taxes, payroll taxes, emissions allowances, material and supplies and allocation of PSNH's and NU's administrative and general expenses. Other column reflects certain Combustion Turbine costs, Wyman entitlement costs and certain intangible costs not allocated to specific stations along with the related revenues.

**TABLE 1**

The following summarizes by generating unit the forecasted costs for 2011 in thousands of dollars.

	Merrimack	Schiller #4, (Schiller # 5	Newington	Hydros	Other (5)	Total	
Fuel Costs	\$ 110,948	\$ 21,571	\$ 8,467	\$ 4,703	\$ -	\$ -	\$ 145,689
O&M costs (1) (2)	58,561	22,988	11,492	10,391	12,629	-	116,061
Depreciation (1) (3)	3,738	2,291	4,330	8,808	2,401	1,035	22,603
Property Tax (1) (4)	3,955	849	1,329	960	2,617	1,232	10,942
Payroll Tax (1)	1,063	437	219	170	248	-	2,137
ARO Amortization (1)	283	165	82	19	18	30	597
Return on Rate Base	17,291	5,040	7,224	8,256	4,920	456	43,187
<b>Total Cost</b>	<b>\$ 195,839</b>	<b>\$ 53,341</b>	<b>\$ 33,143</b>	<b>\$ 33,307</b>	<b>\$ 22,833</b>	<b>\$ 2,753</b>	<b>\$ 341,216</b>

**TABLE 2**

The following summarizes by generating unit the forecasted revenues for 2011 in thousands of dollars. The energy revenues were calculated by multiplying forecasted MWH output by the forecasted market LMP, and does not include all of the value that might be realized from actual operation during 2011.

	Merrimack	Schiller #4, (Schiller # 5	Newington	Hydros	Other (5)	Total
Capacity revenues	\$ 19,219	\$ 4,629	\$ 1,796	\$ 16,459	\$ 2,351	\$ 45,742
Energy revenues (6)	130,412	24,334	12,618	5,181	15,089	187,634
Loc Fwd Reserve Mkt	478	231	-	-	458	1,167
<b>Total Revenue</b>	<b>\$ 150,109</b>	<b>\$ 29,194</b>	<b>\$ 14,414</b>	<b>\$ 21,640</b>	<b>\$ 17,440</b>	<b>\$ 234,543</b>

- (1) See Staff Set-01, Q-STAFF-003 for the O&M, Depreciation, Property Tax, Payroll Tax and ARO Amortization detail and assumptions.
- (2) Schiller Station O&M allocated one-third to each unit.
- (3) Schiller Station #5 depreciation allocated to unit based on net plant.
- (4) Schiller Station #5 property tax allocated to unit based on property tax analysis from 2009 tax data.
- (5) Includes Combustion Turbine, Wyman, and Intangibles not allocated to specific units.
- (6) Calculated using forecasted MWH output times the forecasted market LMP.