

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

NHPUC Form F-1

Third Quarter 2011

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NHPUC Form F-1

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

SCHEDULE 1

CALCULATION OF PER BOOKS RATE OF RETURN

(Thousands of Dollars, Excluding Percentage Data)

		Twelve Months Ended: September 30, 2011						
		A	B					
		Distribution	Retail Transmission	Transmission (1)	Generation	Regulatory	Other/ Eliminations	Total Company
1	Net Operating Income (from page 2)	59,050	873	28,514	31,995	3,173	3,451	127,058
2	Less: RRBs--Net Interest Expense and Fees	-				7,798		7,798
3	Adjusted Operating Income	59,050	873	28,514	31,995	(4,625)	3,451	119,260
4	5 Qtr. Average Rate Base (from page 3)	837,423	7,965	334,708	391,487	(44,991)	-	1,526,592
5	Rate of Return (ROR line 3 / line 4)	7.05%	10.97%	8.52%	8.17%	10.28%	N/A	7.81%
6	Less: Long-term Debt (from Schedule 2)	2.38%	2.38%	2.38%	2.38%	2.38%		2.38%
7	Equity Component of ROR	4.68%	8.59%	6.14%	5.80%	7.90%	N/A	5.45%
8	Equity Percentage--Debt to Equity Ratio (from Sch. 2)	52.57%	52.57%	52.57%	52.57%	52.57%	N/A	52.57%
9	Return on Equity (ROE) (2)	8.90%	16.34%	11.69%	11.03%	15.04%	N/A	10.36%

10 Amounts shown above may not add due to rounding.

11 (1) PSNH's Transmission segment (6T) provides wholesale transmission services and is regulated by the FERC.

12 (2) For rate making purposes, the NHPUC has included the cost of short-term debt (STD) into the allowed capital
 13 structure for the Distribution (6D) and Retail Transmission (6E) segments. The inclusion of STD in the capital structure
 14 used in the calculations shown above would result in ROEs of 9.12% and 16.78% for segments 6D and 6E respectively.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

SCHEDULE 1 (continued)

OPERATING INCOME STATEMENT (1)

(Thousands of Dollars)

		Twelve Months Ended: September 30, 2011							
		Distribution	Retail Transmission	Transmission	Generation	Regulatory	Other/ Eliminations (2)	Total Company	
1	Operating Revenues	\$ 331,494	\$ 114,965	\$ 86,618	\$ 445,350	\$ 102,953	(77,801)	\$	1,003,580
2	Operating Expenses								
3	Production Expenses	1,422	135	-	313,719	31,223	3,300		349,799
4	Transmission Expenses	54	94,874	12,516	3,447	-	(81,081)		29,810
5	Distribution Expenses	55,453	-	-	-	-	0		55,453
6	Customer Accounting	29,200	-	-	4,435	12,457	-		46,092
7	General Administrative	78,009	302	9,150	28,023	7	(3,148)		112,344
8	Other	3	-	0	0	-	(0)		3
9	Sub-Total	164,142	95,312	21,667	349,624	43,687	(80,929)		593,503
10	Depreciation	38,693		11,148	22,261	-	(0)		72,102
11	Amortization of Regulatory Assets, Net	7,375	18,448	-	21,171	54,973	-		101,967
12	Current Income Taxes	(25,128)	6,671	(167)	(7,774)	19,710	90		(6,596)
13	Deferred Income Taxes, net	53,860	(6,339)	14,137	16,643	(18,704)	-		59,597
14	Investment Tax Credit Adjustments	(42)	-	(9)	(2)	-	-		(54)
15	Other Tax	33,544	-	11,328	11,432	114	(413)		56,006
16	Total Operating Expenses	272,444	114,091	58,103	413,355	99,780	(81,251)		876,522
17	Net Operating Income	\$ 59,050	\$ 873	\$ 28,514	\$ 31,995	\$ 3,173	\$ 3,451	\$	127,058

18 (1) Business segmentation of income statement revenues and expenses is supported by detailed journal entry or transaction data
 19 which is summarized by automated systems which can produce segmented income statements.

20 (2) Primarily inter-segment eliminations between the Transmission and Distribution segments.

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
 SCHEDULE 1 (continued)
 FIVE QUARTER AVERAGE RATE BASE BY SEGMENT (1)
 (Thousands of Dollars)

		Five Quarter Average at: September 30, 2011						
2 COMPONENTS OF RATE BASE	Distribution	Retail Transmission	Transmission	Generation	Regulatory	Other/ Eliminations	Total Company	
3 Electric Plant In Service	\$ 1,378,859	\$ -	\$ 474,678	\$ 702,309	\$ -	\$ -	\$ 2,555,846	
4 Less: Accumulated Provision for Depreciation	411,376	-	103,803	390,289	-	-	905,467	
5 Plant Held For Future Use (Transmission only)	-	-	6,781	-	-	-	6,781	
6 Net Utility Plant	967,483	-	377,656	312,021	-	-	1,657,160	
7 Androscoggin Reservoir	-	-	-	50	-	-	50	
8 Plus: Working Capital Allowance (2)	20,237	11,751	2,671	10,137	-	-	44,796	
9 Fuel	-	-	-	51,211	-	-	51,211	
10 Material and Supplies	13,189	-	12,317	50,617	-	-	76,123	
11 Prepayments	1,095	-	333	1,721	(0)	-	3,148	
12 Regulatory Assets	49,685	561	6,878	24,517	11,022	-	92,662	
13 Less: Accumulated Deferred Income Taxes	205,788	(2,477)	65,133	32,793	38,155	-	339,392	
14 Regulatory Liabilities	5,561	6,823	15	25,995	17,858	-	56,252	
15 Customer Deposits/Advances	2,915	-	-	-	-	-	2,915	
16 Total Rate Base	<u>\$ 837,423</u>	<u>\$ 7,965</u>	<u>\$ 334,708</u>	<u>\$ 391,487</u>	<u>\$ (44,991)</u>	<u>\$ -</u>	<u>\$ 1,526,592</u>	

17 (1) Business segmentation of rate base balance sheet accounts is produced quarterly at the sub-account level.

18 (2) The Working Capital Allowance is calculated as 45/365 of non-fuel O&M costs.

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

SCHEDULE 2

CURRENT COST OF CAPITAL

(Thousands of Dollars, Excluding Percentage Data)

Five Quarter Average
at
September 30, 2011

1 1. Equity

2 The cost of equity by business segment is shown
3 on Schedule 1, page 1

4 2. Long-term Debt (excludes Rate Reduction Bonds)

5		
6	000s	
7	Long Term Debt, net of issuance expense	852,333
8	Total Equity	944,776
9	Total	1,797,109

10 Long-term Debt--Annual Expense 42,682

11 **Effective Interest Rate (line 10 / line 7) (Note 1)** 5.01%

12	%	
13	Long Term Debt, net of issuance expense	47.43%
14	Total Equity	52.57%
15	Total	100.00%

16 **Long Term Debt Weighted Avg Effective Int Rate (line 11 * line 13)** 2.38%

17 3. Preferred Stock

18 There are no issues of preferred stock outstanding N/A

19 (Note 1) For rate making purposes, the NHPUC has included the cost of short-term debt (STD) in
20 PSNH's Distribution segment capital structure. The inclusion of STD in the capital structure shown
21 above would change the debt to equity ratio of the capital structure to 48.92%/51.08%,
22 respectively, and result in a weighted average effective interest rate of 2.39%.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

SCHEDULE 2 (continued)

CURRENT COST OF CAPITAL

(Thousands of Dollars, Excluding Percentage Data)

Five Quarter Average
at
September 30, 2011

1 Short-term Debt

2 000's

3 Short-term Debt 52,380

4 Short-term Debt--Annual Expense 1,581

5 Effective Interest Rate (line 4 / line 3) 3.02%

6 For rate making purposes, the NHPUC has included the cost of STD in PSNH's
7 Distribution segment capital structure. Information regarding the impact of STD
8 on PSNH's Distribution segment capital structure and weighted
9 average cost of debt and ROE is shown on Sch. 1, page 1 and Sch. 2, page 1.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
SCHEDULE 3 - SALES BY CUSTOMER CLASS
ELECTRIC SERVICE REVENUE BY CLASS OF CUSTOMER

		Revenue (Thousands of Dollars)					
		Distribution	Transmission	Stranded Cost	System Benefits	Energy Service	Total
		2011 Quarter I					
1	Residential	\$ 47,424	\$ 14,127	\$ 10,928	\$ (1,116)	\$ 76,456	\$ 147,819
2	Small commercial and industrial (1)	18,230	6,205	5,030	1,436	29,194	60,086
3	Large commercial and industrial (1)	12,803	9,247	7,706	2,307	15,117	47,179
4	Outdoor lighting	2,191	127	135	34	639	3,126
5	Total Retail billed	80,648	29,705	23,800	2,661	121,406	258,220
6	Retail unbilled	(1,722)	(682)	(628)	-	(2,656)	(5,686)
7	Total Retail calendar	78,927	29,023	23,172	2,661	118,750	252,533
8	Sales for resale (requirement)	1,244	0	-	-	1	1,245
9	Total Quarter I	\$ 80,171	\$ 29,023	\$ 23,172	\$ 2,661	\$ 118,751	\$ 253,778
		2011 Quarter II					
10	Residential	\$ 41,104	\$ 11,239	\$ 8,673	\$ (991)	\$ 60,610	\$ 120,635
11	Small commercial and industrial (1)	18,192	6,236	4,682	1,318	25,884	56,312
12	Large commercial and industrial (1)	13,209	9,937	7,976	2,392	14,386	47,901
13	Outdoor lighting	2,189	90	96	23	443	2,841
14	Total Retail billed	74,693	27,502	21,428	2,742	101,324	227,689
15	Retail unbilled	889	542	204	-	(281)	1,353
16	Total Retail calendar	75,582	28,044	21,632	2,742	101,043	229,042
17	Sales for resale (requirement)	1,248	0	-	-	0	1,248
18	Total Quarter II	\$ 76,829	\$ 28,044	\$ 21,632	\$ 2,742	\$ 101,043	\$ 230,290
		2011 Quarter III					
1	Residential	\$ 46,862	\$ 11,360	\$ 9,951	\$ (147)	\$ 75,100	\$ 143,126
2	Small commercial and industrial (1)	19,938	5,933	5,174	1,546	30,664	63,256
3	Large commercial and industrial (1)	14,295	9,014	8,255	2,616	16,300	50,481
4	Outdoor lighting	2,170	78	97	25	463	2,833
5	Total Retail billed	83,265	26,386	23,478	4,040	122,526	259,696
6	Retail unbilled	(1,745)	(1,692)	(587)	-	(1,104)	(5,128)
7	Total Retail calendar	81,521	24,694	22,891	4,040	121,422	254,567
8	Sales for resale (requirement)	1,412	0	-	-	1	1,412
9	Total Quarter III	\$ 82,932	\$ 24,694	\$ 22,891	\$ 4,040	\$ 121,423	\$ 255,980
		2011 Quarter IV					
10	Residential					\$ -	-
11	Small commercial and industrial (1)						-
12	Large commercial and industrial (1)						-
13	Outdoor lighting						-
14	Total Retail billed						-
15	Retail unbilled						-
16	Total Retail calendar						-
17	Sales for resale (requirement)						-
18	Total Quarter IV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		2011 Year-to-Date					
19	Residential	\$ 135,390	\$ 36,726	\$ 29,553	\$ (2,254)	\$ 212,166	\$ 411,580
20	Small commercial and industrial (1)	56,360	18,374	14,887	4,301	85,742	179,664
21	Large commercial and industrial (1)	40,307	28,198	23,937	7,315	45,803	145,561
22	Outdoor lighting	6,550	295	329	81	1,545	8,800
23	Total Retail billed	238,607	83,593	68,705	9,443	345,256	745,604
24	Retail unbilled	(2,578)	(1,832)	(1,011)	-	(4,041)	(9,462)
25	Total Retail calendar	236,029	81,762	67,694	9,443	341,215	736,143
26	Sales for resale (requirement)	3,903	0	-	-	2	3,905
27	Total Year-to-Date	\$ 239,932	\$ 81,762	\$ 67,694	\$ 9,443	\$ 341,217	\$ 740,048

(1) The "Small commercial and industrial" class corresponds to PSNH's General Service Rate G (loads for billing purposes do not exceed 100 kilowatts). The "Large commercial and industrial" class corresponds to PSNH's Primary General Service Rate GV and Large General Service Rate LG classes (loads exceed 100 kilowatts).

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
SCHEDULE 3 - SALES BY CUSTOMER CLASS
ELECTRIC SERVICE REVENUE BY CLASS OF CUSTOMER

		Revenue (Thousands of Dollars)					
		Distribution	Transmission	Stranded Cost	System Benefits	Energy Service	Total
		2010 Quarter I					
1	Residential	\$ 39,371	\$ 10,968	\$ 10,579	\$ (768)	\$ 76,224	\$ 136,374
2	Small commercial and industrial (1)	15,545	5,018	5,038	1,432	33,495	60,526
3	Large commercial and industrial (1)	11,111	7,539	7,609	2,306	21,152	49,717
4	Outdoor lighting	1,901	104	140	35	819	2,999
5	Total Retail billed	67,927	23,629	23,366	3,005	131,690	249,617
6	Retail unbilled	(2,060)	(787)	(595)	-	(4,873)	(8,315)
7	Total Retail calendar	65,867	22,841	22,771	3,005	126,817	241,302
8	Sales for resale (requirement)	1,184	0	-	-	0	1,184
9	Total Quarter I	\$ 67,051	\$ 22,842	\$ 22,771	\$ 3,005	\$ 126,817	\$ 242,486
		2010 Quarter II					
10	Residential	\$ 34,542	\$ 8,860	\$ 8,629	\$ (740)	\$ 61,381	\$ 112,673
11	Small commercial and industrial (1)	15,864	5,223	4,856	1,341	30,005	57,288
12	Large commercial and industrial (1)	11,508	8,035	7,818	2,327	18,993	48,682
13	Outdoor lighting	1,903	75	101	24	577	2,680
14	Total Retail billed	63,817	22,193	21,404	2,952	110,955	221,322
15	Retail unbilled	2,092	879	655	-	2,035	5,660
16	Total Retail calendar	65,909	23,072	22,059	2,952	112,990	226,983
17	Sales for resale (requirement)	1,255	0	-	-	0	1,255
18	Total Quarter II	\$ 67,164	\$ 23,072	\$ 22,059	\$ 2,952	\$ 112,991	\$ 228,238
		2010 Quarter III					
19	Residential	\$ 47,648	\$ 14,028	\$ 11,469	\$ (837)	\$ 79,168	\$ 151,476
20	Small commercial and industrial (1)	19,974	7,160	5,862	1,610	34,490	69,095
21	Large commercial and industrial (1)	14,254	10,556	8,954	2,645	19,068	55,477
22	Outdoor lighting	2,205	99	109	26	579	3,018
23	Total Retail billed	84,080	31,843	26,394	3,444	133,305	279,066
24	Retail unbilled	(485)	182	(596)	-	(3,934)	(4,833)
25	Total Retail calendar	83,596	32,025	25,798	3,444	129,371	274,233
26	Sales for resale (requirement)	1,547	0	-	-	1	1,547
27	Total Quarter III	\$ 85,142	\$ 32,025	\$ 25,798	\$ 3,444	\$ 129,371	\$ 275,781
		2010 Quarter IV					
28	Residential	\$ 42,433	\$ 11,849	\$ 9,389	\$ (833)	\$ 64,637	\$ 127,475
29	Small commercial and industrial (1)	18,157	6,212	4,821	1,324	27,350	57,865
30	Large commercial and industrial (1)	13,457	10,024	7,978	2,345	15,495	49,298
31	Outdoor lighting	2,205	133	146	36	781	3,301
32	Total Retail billed	76,253	28,218	22,334	2,872	108,263	237,939
33	Retail unbilled	2,311	676	610	-	3,225	6,821
34	Total Retail calendar	78,563	28,894	22,944	2,872	111,487	244,760
35	Sales for resale (requirement)	1,237	0	-	-	1	1,238
36	Total Quarter IV	\$ 79,800	\$ 28,894	\$ 22,944	\$ 2,872	\$ 111,488	\$ 245,998
		2010 Year-to-Date					
37	Residential	\$ 163,995	\$ 45,705	\$ 40,066	\$ (3,177)	\$ 281,409	\$ 527,998
38	Small commercial and industrial (1)	69,540	23,613	20,577	5,706	125,339	244,775
39	Large commercial and industrial (1)	50,329	36,155	32,359	9,623	74,708	203,174
40	Outdoor lighting	8,214	411	496	122	2,756	11,998
41	Total Retail billed	292,077	105,883	93,498	12,273	484,213	987,944
42	Retail unbilled	1,858	949	73	-	(3,548)	(667)
43	Total Retail calendar	293,935	106,833	93,572	12,273	480,665	987,278
44	Sales for resale (requirement)	5,222	0	-	-	2	5,225
45	Total Year-to-Date	\$ 299,158	\$ 106,833	\$ 93,572	\$ 12,273	\$ 480,667	\$ 992,502

(1) The "Small commercial and industrial" class corresponds to PSNH's General Service Rate G (loads for billing purposes do not exceed 100 kilowatts). The "Large commercial and industrial" class corresponds to PSNH's Primary General Service Rate GV and Large General Service Rate LG classes (loads exceed 100 kilowatts).

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
SCHEDULE 3 - SALES BY CUSTOMER CLASS

KILOWATT-HOURS DELIVERED AND AVERAGE NUMBER OF CUSTOMERS BY CLASS OF CUSTOMER

	Kilowatt- Hours Delivered	Average Number of Customers
2011 Quarter I		
1 Residential	881,063,744	421,170
2 Small commercial and industrial*	435,279,877	73,319
3 Large commercial and industrial*	699,000,452	1,532
4 Outdoor lighting	11,388,486	1,113
5 Total Retail billed	2,026,732,559	497,134
6 Retail unbilled	(42,671,312)	-
7 Total Retail calendar	1,984,061,247	497,134
8 Sales for resale (requirement)	9,596	41
9 Total Quarter I	1,984,070,843	497,175
2011 Quarter II		
10 Residential	700,290,253	421,977
11 Small commercial and industrial*	399,515,317	73,542
12 Large commercial and industrial*	724,917,753	1,534
13 Outdoor lighting	8,134,154	1,020
14 Total Retail billed	1,832,857,477	498,072
15 Retail unbilled	15,816,806	-
16 Total Retail calendar	1,848,674,283	498,072
17 Sales for resale (requirement)	5,656	41
18 Total Quarter II	1,848,679,939	498,113
2011 Quarter III		
19 Residential	849,961,589	423,177
20 Small commercial and industrial*	468,562,902	73,764
21 Large commercial and industrial*	792,763,503	1,520
22 Outdoor lighting	8,732,915	1,001
23 Total Retail billed	2,120,020,909	499,461
24 Retail unbilled	(28,523,976)	-
25 Total Retail calendar	2,091,496,933	499,461
26 Sales for resale (requirement)	5,938	41
27 Total Quarter III	2,091,502,871	499,502
2011 Quarter IV		
28 Residential	-	-
29 Small commercial and industrial*	-	-
30 Large commercial and industrial*	-	-
31 Outdoor lighting	-	-
32 Total Retail billed	-	-
33 Retail unbilled	-	-
34 Total Retail calendar	-	-
35 Sales for resale (requirement)	-	-
36 Total Quarter IV	-	-
2011 Year-to-Date		
37 Residential	2,431,315,586	422,108
38 Small commercial and industrial*	1,303,358,096	73,542
39 Large commercial and industrial*	2,216,681,708	1,528
40 Outdoor lighting	28,255,555	1,044
41 Total Retail billed	5,979,610,945	498,223
42 Retail unbilled	(55,378,482)	-
43 Total Retail calendar	5,924,232,463	498,223
44 Sales for resale (requirement)	21,190	41
45 Total Year-to-Date	5,924,253,653	498,264

* The "Small commercial and industrial" class corresponds to PSNH's General Service Rate G (loads for billing purposes do not exceed 100 kilowatts).
The "Large commercial and industrial" class corresponds to PSNH's Primary General Service Rate GV and Large General Service Rate LG classes (loads exceed 100 kilowatts).

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

SCHEDULE 3 - SALES BY CUSTOMER CLASS

KILOWATT-HOURS DELIVERED AND AVERAGE NUMBER OF CUSTOMERS BY CLASS OF CUSTOMER

	Kilowatt- Hours Delivered	Average Number of Customers
2010 Quarter I		
1 Residential	850,600,537	418,758
2 Small commercial and industrial*	433,918,717	73,036
3 Large commercial and industrial*	698,683,797	1,500
4 Outdoor lighting	11,614,601	1,770
5 Total Retail billed	1,994,817,652	495,065
6 Retail unbilled	(63,158,268)	-
7 Total Retail calendar	1,931,659,384	495,065
8 Sales for resale (requirement)	5,490	39
9 Total Quarter I	1,931,664,874	495,104
2010 Quarter II		
10 Residential	686,255,406	420,318
11 Small commercial and industrial*	406,226,294	73,406
12 Large commercial and industrial*	705,169,711	1,486
13 Outdoor lighting	8,371,536	1,302
14 Total Retail billed	1,806,022,947	496,512
15 Retail unbilled	49,378,033	-
16 Total Retail calendar	1,855,400,980	496,512
17 Sales for resale (requirement)	4,559	40
18 Total Quarter II	1,855,405,539	496,552
2010 Quarter III		
19 Residential	900,256,904	422,137
20 Small commercial and industrial*	487,849,073	73,528
21 Large commercial and industrial*	801,507,788	1,503
22 Outdoor lighting	9,001,129	1,272
23 Total Retail billed	2,198,614,894	498,440
24 Retail unbilled	(51,965,429)	-
25 Total Retail calendar	2,146,649,465	498,440
26 Sales for resale (requirement)	6,315	41
27 Total Quarter III	2,146,655,780	498,481
2010 Quarter IV		
28 Residential	737,672,991	420,712
29 Small commercial and industrial*	401,044,588	73,343
30 Large commercial and industrial*	710,559,803	1,533
31 Outdoor lighting	11,976,940	1,262
32 Total Retail billed	1,861,254,322	496,850
33 Retail unbilled	51,994,169	-
34 Total Retail calendar	1,913,248,491	496,850
35 Sales for resale (requirement)	6,253	41
36 Total Quarter IV	1,913,254,744	496,891
2010 Year-to-Date		
37 Residential	3,174,785,838	420,481
38 Small commercial and industrial*	1,729,038,672	73,329
39 Large commercial and industrial*	2,915,921,099	1,505
40 Outdoor lighting	40,964,206	1,402
41 Total Retail billed	7,860,709,815	496,717
42 Retail unbilled	(13,751,495)	-
43 Total Retail calendar	7,846,958,320	496,717
44 Sales for resale (requirement)	22,617	40
45 Total Year-to-Date	7,846,980,937	496,757

* The "Small commercial and industrial" class corresponds to PSNH's General Service Rate G (loads for billing purposes do not exceed 100 kilowatts).
The "Large commercial and industrial" class corresponds to PSNH's Primary General Service Rate GV and Large General Service Rate LG classes (loads exceed 100 kilowatts).