

Witness: Robert A. Baumann
Request from: New Hampshire Public Utilities Commission Staff

Question:
Exhibit 9 - Please prepare a schedule showing plant additions, actual and estimated, for 2008 and 2009 by plant and by investment.

Response:
Please see the attached schedule. The schedule is prepared on a quarterly basis consistent with the NU system's accounting close process. The quarterly closing also impacts the timing of updates to the actual rate base (See HD-01; Q-RR-001 for additional information).

Descriptions of the investments in actual plant additions were based on detailed work order data.

Descriptions of investments in 2009 forecasted plant additions by quarter are not readily available. PSNH is instead providing a copy of the 2009 Capital Projects Budget, which was previously filed in response to NSTF-01; Q-STAFF- 013. This schedule provides an overview of PSNH's forecasted capital expenditures by investment through 2009. There are timing differences between the Capital Projects Budget (budget expenditures) and capital additions reflected on PSNH's books which do not permit an exact comparison. The budget expenditures are forecasted cash expenditures during 2009 which are accounted for as either CWIP or plant-in-service, and exclude AFUDC. The plant additions on the RAB schedules are accounted for as plant-in-service, and include AFUDC.

	<u>Description</u>	<u>Net Plant</u>
Balance at 12/31/2007		238,148
Capital Additions by Plant (Actuals):		
Merrimack	Primarily fuel elevator controls, repairs to the fly ash silo, replacement station batteries	1,062
Newington	Primarily station lighting	339
Schiller	Primarily replacement of dock hose crane and gas analyzers	421
Hydro/Other	Primarily generator rewind, runner and penstock section	2,800
Total Capital Additions		<u>4,622</u>
Depreciation Expense 1/08 thru 3/08		(4,963)
Retirements, net incl Retirement Work in Progress (RWIP) and ARO		(10)
Balance at 03/31/2008 (RAB 3, page 6)		237,797
Capital Additions by Plant (Actuals):		
Merrimack	Primarily MK2 turbine and outage	26,133
Newington	Primarily replacement of exciter rotor	1,575
Schiller	Primarily air tugger, opacity monitor replacements, dumper catwalk	689
Hydro/Other	Primarily instrument/control replacement, cyber security hardware, replacements PCs, crane hydro hoist	404
Total Capital Additions		<u>28,801</u>
Depreciation Expense 4/08 thru 6/08		(4,996)
Retirements, net incl RWIP and ARO		2,855
Balance at 06/30/2008 (RAB 3, page 6)		264,457
Capital Additions by Plant (Actuals):		
Merrimack	Primarily MK1 compressors, gantry crane controls, and MK2 turbine/outage	1,003
Newington	Primarily main turbine/MBFPT upgrade and hydrastep drum level switch	337
Schiller	Primarily replacing a warehouse and turbine oil cooler	1,318
Hydro/Other	Primarily phone system upgrade	267
Total Capital Additions		<u>2,925</u>
Depreciation Expense 7/08 thru 9/08		(5,074)
Retirements, net incl RWIP and ARO		1,310
Balance at 09/30/2008 (RAB 3, page 6)		263,618
Capital Additions by Plant (October actuals, and November-December forecast):		
Merrimack	Primarily MK1 outage (air heater, relay protection, catalyst, etc) and and MK2 turbine	7,223
Newington	Primarily main turbine/MBFPT upgrade	46
Schiller	Primarily woodyard storage, fan silencer, and oxygen analyzers,	3,435
Hydro/Other	Primarily hydro intake racks, window replacement, penstock	1,431
Total Capital Additions		<u>12,135</u>
Depreciation Expense 10/08 thru 12/08		(5,106)
Retirements, net incl RWIP and ARO		4,155
Balance at 12/31/2008 (RAB 3, page 6)		274,802

	<u>Description</u>	<u>Net Plant</u>
Balance at 12/31/2008 (RAB 3, page 6)		274,802
Capital Additions by Plant (Forecasted):	See attachment-NSTF-01; Q-STAFF-013	
Merrimack		130
Newington		178
Schiller		216
Hydro/Other		40
Total Capital Additions		<u>563</u>
Forecasted Depreciation Expense 1/09 thru 3/09		(5,287)
Retirements, net incl RWIP and ARO		5,315
Balance at 3/31/2009 (RAB 2, page 6)		275,393
Capital Additions by Plant (Forecasted):	See attachment-NSTF-01; Q-STAFF-013	
Merrimack		6,588
Newington		362
Schiller		512
Hydro/Other		396
Total Capital Additions		<u>7,858</u>
Forecasted Depreciation Expense 4/09 thru 6/09		(5,303)
Retirements, net incl RWIP and ARO		545
Balance at 6/30/2009 (RAB 2, page 6)		278,493
Capital Additions by Plant (Forecasted):	See attachment-NSTF-01; Q-STAFF-013	
Merrimack		1,155
Newington		178
Schiller		3,732
Hydro/Other		1,582
Total Capital Additions		<u>6,647</u>
Forecasted Depreciation Expense 7/09 thru 9/09		(5,335)
Retirements, net incl RWIP and ARO		544
Balance at 9/30/2009 (RAB 2, page 6)		280,349
Capital Additions by Plant (Forecasted):	See attachment-NSTF-01; Q-STAFF-013	
Merrimack		3,284
Newington		831
Schiller		16,216
Hydro/Other		2,858
Total Capital Additions		<u>23,189</u>
Forecasted Depreciation Expense 10/09 thru 12/09		(5,393)
Retirements, net incl RWIP and ARO		728
Balance at 12/31/2009 (RAB 2, page 6)		298,873

**PSNH GENERATION
 2009 CAPITAL PROJECTS (excluding AFUDC & Removal)
 Thousands of Dollars**

Capital Project Title	SPRING 2009 BUDGET
MERRIMACK	
1 MK1, COLD END AH BASKETS	142
2 MK1, SCR EXP. JOINTS	59
3 MK1 1LB & 1LD 480V BKR. CHANGEOUT	600
4 MK2, REPLACE 2ND PT. FW HEATER '09; 1ST '12	790
5 MK2, AIR HEATER TUBE REPLACEMENT PROG (COLD END)	450
6 MK2, REPL SCR REACTOR & D02 ROOF	155
7 MK2, REPLACE 200'S (2) AND 203 VALVES '09	580
8 MK2, REPLACE PRIMARY FAN COILS	250
9 MK2, CONDENSATE POLISHER CONTROLS UPGRADE	150
10 MK2, WASTE WATER TREATMENT PLANT CONTROL PLC	60
11 MK2, SCR EXPANSION JOINTS	213
12 MK2, MULTI DISC SCREENS (INCLUDES FISH RETURN SYSTEM)	618
13 MK2 NOX ANALYZERS	220
14 MK, DRY COAL STORAGE STRUCTURE	1900
15 MK, BACK UP AIR COMPRESSOR	300
16 MK, CRUSHER HOUSE TRANSFORMER	250
17 MK, REPLACE RECLAIM HOPPERS	350
18 MK, VACUUM SYSTEM F/ COAL HANDLING	120
19 CONV. BELT ROLLER REPL. F2 '09; E2 '10; C '11; B '12; & G1 '13	90
20 MK, REM. OLD COAL SAMPLE & MODIFY CHUTES	250
21 MK, HOME LAND SITE SECURITY	100
22 MK, CAP FLYASH CELL	78
23 MK, REPLACE CAR THAW TRANSFORMER	250
24 MK, NEW CRUSHERS 1A & 1B	1030
25 MK, INSTALL METAL DETECTOR	100
26 MK, INSTALL MAGNETIC SEPARATOR	200
27 MK, NPCC TRANSMISSION WORK	500
28 MK, REBUILD D-10N	650
29 CAPITAL ANNUAL	522
	10,977
NEWINGTON	
1 IP FUEL OIL HEATER REPLACEMENT	60
2 EXPANSION JOINT REPLACEMENT	60
3 REPLACE LARGE MOTOR	400
4 TURBINE CRANE SMALL HOOK UPGRADE	75
5 HP FUEL OIL PUMP REPLACEMENT	66
6 VENTILATION LOUVER REPLACEMENT	55
7 TURB/GEN FIRE PROT SYSTEM IMPROVEMENT	125
8 CAPITAL ANNUAL	726
	1,567

SCHILLER

SPRING
 2009
 BUDGET

1 SCHILLER CAP ANNUAL	873
2 REPLACE K BELT TRIPPER	700
3 BOILER CAPITAL IMPROVEMENTS - SR5	750
4 STRUCTURAL IMPROVEMENTS	571
5 REPL SYSTEM 50 X FORMERS & INS REQ 13.8KV SWTGEAR	1250
6 REPLACE AH BASIN PUMPS	70
7 FUEL FACILITY IMPROVEMENTS	650
8 EXPAND WOOD YARD	1000
9 CAT LOADER 916 REPLACEMENT	200
10 DOCK COAL UNLOADER	6000
11 REPLACE COAL PIPES - SR4	220
12 PAVING	100
13 ADMIN / OFFICE IMPROVEMENTS	300
14 BOTTOM ASH HOPPER REPLACEMENT - SR4	775
15 BOTTOM ASH HOPPER REPLACEMENT - SR6	775
16 REPLACE SCADA SYSTEM REMOTE TERM UNITS	125
17 REPLACE TURBINE LUBE OIL COOLER - SR5	155
18 REPLACE AIR EJECTORS - SR4	85
19 REPLACE AIR EJECTORS - SR6	85
20 REPLACE HOT END A/H BASKET - SR4	60
21 REPLACE HOT END A/H BASKET - SR6	60
	14,804

HYDRO

SPRING
 2009
 BUDGET

1 REPLACE O/H CRANE CONTROLS - AMOSKEAG	90
2 FERC PART 12 EARTHQUAKE REMEDIATION	120
3 REPLACE HEADWORKS - GARVINS	1800
4 REWIND G3 - GARVINS	300
5 REWIND G4 - GARVINS	300
6 G3 RUNNER - GARVINS	600
7 G4 RUNNER - GARVINS	600
8 REPLACE G-3 HEADGATES - GARVINS	76
9 REPLACE (5) GATES AT UPPER GATEHOUSE - GORHAM	130
10 UP & DOWN FISH PASSAGE - CANAAN	100
11 REPLACE BROWN GLASS IN SWITCHYARD - CANAAN	50
12 CAPITAL ANNUAL PROJECTS	481
	4,647.0

Staff	77
Generation Maintenance	113
Wyman	42

Generation Total **32,227.0**