

**Public Service Company of New Hampshire
Amended and Restated First Mortgage Indenture**

Dated as of August 15, 1978

Amended and Restated as of June 1, 2011

Issuance Capacity & Ratio of Debt to Net Plant

September 30, 2011

Summary: Under the terms of the Amended and Restated First Mortgage Indenture, PSNH may issued new Securities or Secured Debt, if the aggregate principal amount of all Securities or Secured Debt, in each case then outstanding, will not exceed 75% of the sum of all Property Additions and all Available Cash then held by, or deposited with, the Trustee.

FMB Series	Issue Date	Amount Issued	Amount Outstanding
Series A	05/16/1991	\$ 172,500,000	\$ -
Series B	05/16/1991	\$ 170,000,000	\$ -
Series C	05/16/1991	\$ 66,000,000	\$ -
Series D	05/16/1991	\$ 108,985,000	\$ -
Series E	05/16/1991	\$ 112,500,000	\$ -
Series F	05/16/1991	\$ 114,500,000	\$ -
Series G	05/16/1991	\$ 114,500,000	\$ -
Series H	04/23/1998	\$ 75,000,000	\$ -
Series I	10/01/2001	\$ 89,250,000	\$ 89,250,000
Series J	10/01/2001	\$ 89,250,000	\$ 89,250,000
Series K	10/01/2001	\$ 108,985,000	\$ 108,985,000
Series L	07/22/2004	\$ 50,000,000	\$ 50,000,000
Series M	10/05/2005	\$ 50,000,000	\$ 50,000,000
Series N	09/24/2007	\$ 70,000,000	\$ 70,000,000
Series O	05/27/2008	\$ 110,000,000	\$ 110,000,000
Series P	12/14/2009	\$ 150,000,000	\$ 150,000,000
Series Q	05/26/2011	\$ 122,000,000	\$ 122,000,000
Series R	09/13/2011	\$ 160,000,000	\$ 160,000,000
Total		\$ 1,933,470,000	\$ 999,485,000

Net Utility Plant in Service:	\$ 2,107,210,133	as of September 30, 2011
Available Cash at Trustee:	\$ 7,042,313	
Total:	\$ 2,114,252,445	
Issuance Threshold (75% of Net Plant):	\$ 1,585,689,334	
Outstanding First Mortgage Bonds:	\$ 999,485,000	
Allowed Issuance Capacity:	\$ 586,204,334	
Ratio of Debt to Net Plant:	47.3%	

Public Service Company of New Hampshire
Net Earnings for Interest
Twelve Months Ended September 2011

Description	12 Months Ended 9/30/11
(In thousands)	
Operating Revenues	<u>\$ 1,028,816</u>
Fuel Purchased and Interchange Power	316,399
Other Operating Expenses	221,912
Maintenance Expense	84,595
Depreciation Expense	72,105
Amortization of Regulatory Assets	49,344
Amortization of Rate Reduction Bonds	52,623
Taxes other than Income Taxes	56,006
Other, Net	<u>(2,611)</u>
Total Expenses	<u>850,373</u>
Net Earnings for Interest	<u>\$ 178,443</u>
Annualized Bond Interest	<u>\$ 43,445</u>
Cash Coverage Ratio	<u>4.11</u>

Public Service Company of New Hampshire Indenture Test Ratio 2.00 : 1.00

Under Section 4 of the PSNH First Mortgage Indenture (August 15, 1978 as amended), no bonds may be issued unless the net earnings are at least twice the annual interest requirements of the company. Any failure to meet this coverage ratio test (on a pro forma basis, including the proposed new debt) would require that PSNH issue unsecured debt versus first mortgage bonds to meet any funding needs.

Public Service Company of New Hampshire
Annualized Interest Charges on All Series Bonds
For Twelve Months Ending September 2011

<u>Series</u>	<u>Interest</u>	<u>Amount</u> <u>Outstanding</u>	<u>Annualized</u> <u>Interest</u>
		(In thousands)	
2001 Series A PCRB	0 1400% 1	\$ 89,250	\$ 125
2001 Series B PCRB	4.7500%	89,250	4,239
2001 Series C PCRB	5 4500%	108,985	5,940
2004 Series L FMB, Due 2014	5.2500%	50,000	2,625
2005 Series M FMB, Due 2035	5.6000%	50,000	2,800
2007 Series N FMB, Due 2017	6 1500%	70,000	4,305
2008 Series O FMB, Due 2018	6.0000%	110,000	6,600
2009 Series P FMB, Due 2019	4.5000%	150,000	6,750
2009 Series Q FMB, Due 2021	4.0500%	122,000	4,941
2011 Series R FMB, Due 2021	3 2000%	160,000	5,120
		<u>\$ 999,485</u>	<u>\$ 43,445</u>

1. Auction rate as of September 20, 2011