

**Public Service of New Hampshire d/b/a Eversource Energy
Docket No. DE 21-029**

Date Request Received: 07/16/2021

Request No. RR 1-001

Request from: Department of Energy

Date of Response: 07/21/2021

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Witness: Erica L. Menard

Request:

With reference to Bates page 47 (in red) of Exhibit 3 of the July 16, 2021 hearing, in Column I, the Company's actual long term debt rate for August 2019 through December 2020 is shown. Please provide the back up information supporting the calculations of those long term debt rates. To the extent the information is already filed with the Commission, please identify where that is filed.

Response:

Please refer to Attachment RR 1-001 for the company's actual quarterly long-term debt calculations for the August 2019 through December 2020 time period. The Company files quarterly updates of its actual 5-quarter average cost of capital which includes the cost of long-term debt in its Form F-1 quarterly filings, but does not file the actual quarterly cost of capital individually for each quarter.

Eversource Cost of Long-Term Debt

Line No		Q3 2020	Q2 2020	Q1 2020	Q4 2019	Q3 2019	Q2 2019	Reference
		09/30/2020	06/30/2020	03/31/2020	12/31/2019	09/30/2019	06/30/2019	
	Months Applicable	Oct20-Dec20	Jul20-Sep20	Apr20-Jun20	Jan20-Mar20	Oct19-Dec19	Jul19-Sep19	
2	Long-Term Debt Principal Balance	\$ 1,107,000,000	\$ 957,000,000	\$ 957,000,000	\$ 957,000,000	\$ 1,107,000,000	\$ 1,107,000,000	
3	Unamortized Issuance Expense	(13,027,350)	(11,170,673)	(10,213,101)	(10,976,807)	(11,749,281)	(12,010,002)	
4	Long-Term Debt Principal Balance (net of issuance expense)	\$ 1,093,972,650	\$ 945,829,327	\$ 946,786,899	\$ 946,023,193	\$ 1,095,250,719	\$ 1,094,989,998	Line 2 + Line 3
5	Annualized Amortization Expense	\$ 4,227,273	\$ 2,920,122	\$ 3,054,824	\$ 3,089,898	\$ 3,109,141	\$ 3,049,221	
6	Annual Interest Expense	38,636,000	35,036,000	35,036,000	35,036,000	41,786,000	41,786,000	
7	Total Annual Expense	\$ 42,863,273	\$ 37,956,122	\$ 38,090,824	\$ 38,125,898	\$ 44,895,141	\$ 44,835,221	Line 5 + Line 6
8	Long-Term Debt Effective Interest Rate	3.92%	4.01%	4.02%	4.03%	4.10%	4.09%	Line 7 / Line 4