

1  
2 **EXHIBIT 1**

3  
4 Educational and Professional Background

5  
6 Leszek Stachow

7 I am employed by the New Hampshire Public Utilities Commission (Commission) as  
8 Assistant Director of the Electric Division. My business address is 21 S. Fruit Street,  
9 Suite 10, Concord, New Hampshire, 03301.

10 I am a graduate of the following institutions of higher learning: University of Keele,  
11 Keele, Staffordshire, United Kingdom, from which I received a BA Triple Honors in  
12 Economics, Politics and History, and subsequently from the University of Sussex,  
13 Brighton, United Kingdom, from which I received a Masters in Political Economy.

14 While pursuing a PhD at the Massachusetts Institute of Technology in Cambridge, Mass,  
15 I concurrently served as a faculty member at St. Anselm College, NH and adjunct faculty  
16 at the Whitmore School of Business and Economics of the University of New Hampshire,  
17 where I taught regulatory economics. In 1987 I joined the Economics department of the  
18 New Hampshire Public Utilities Commission where I primarily supported rate cases in  
19 the telecommunications and energy sectors.

20 In 1988, I completed the NARUC Annual Regulatory Studies Program at Michigan State  
21 University, sponsored by the National Association of Regulatory Utility Commissioners  
22 as well as sundry other targeted regulatory courses.

23 In 1992, I was appointed regional manager for Central Europe on behalf of management  
24 consulting firm, Booz Allen & Hamilton. In that capacity I advised numerous  
25 government agencies in Central and Eastern Europe, the Middle East, Africa, and Latin

1           America on optimizing the functioning of energy, telecommunications, water/waste  
2           water, and gas sector regulatory bodies and markets.

3           In 2004, I was employed by Camp Dresser McKee to develop their Central European  
4           engineering consulting business. Beyond a primary focus on mergers and acquisitions, I  
5           was appointed President and manager of CDM Poland, as well as director of CDM AG in  
6           Germany.

7           After retiring from my business activities, I returned to the Commission in 2010, where I  
8           initially supported the telecommunications division and latterly the gas and electric  
9           divisions.

10

11

1  
 2

**Attachment B**

Insert table from Staff data response 5.35

#	MCS Component	Reference	Bates Page
1.	Marginal Distribution Plant-Related Costs: Primary System	Attachment JDS/MCS-1 Page 1	0555
2.	Marginal Distribution Plant-Related Costs: Secondary system	Attachment JDS/MCS-1 Page 2	0556
3.	Marginal Distribution Plant-Related Costs: Line Transformers	Attachment JDS/MCS-1 Page 3	0557
4.	Marginal Distribution Operations Expense: Primary System	Attachment JDS/MCS-4 Page 1	0564
5.	Marginal Distribution Operations Expense: Secondary system	Attachment JDS/MCS-4 Page 2	0565
6.	Marginal Distribution Operations Expense Line Transformers	Attachment JDS/MCS-4 Page 3	0566
7.	Marginal Distribution Maintenance Expense: Primary System	Attachment JDS/MCS-4 Page 4	0567
8.	Marginal Distribution Maintenance Expense: Secondary System.	Attachment JDS/MCS-4 Page 5	0568
9.	Marginal Distribution Maintenance Expense: Line Transformers	Attachment JDS/MCS-4 Page 6	0569
10.	Marginal Distribution Operations and Maintenance Expense: Customer related	Attachment JDS/MCS-5 Page 1	0570
11.	Marginal Customer Accounts	Attachment JDS/MCS-5 Page 3	0572

**Attachment C**

Total Marginal Costs and Total Pro forma Distribution Revenues by Rate Class. (Attachment to Staff 12-20)

Line		Domestic Service Rate D	Domestic Service opt Peak Load Pricing Rate D-10	General Service Time of Use Rate G-1	General Long Hour Service Rate G-2	General Service Rate G-3	Outdoor Lighting Service Rate M	Limited Total Electrical Living Rate T	Limited Commercial Space Heating Rate V	Company Total	Explanation
1	Proforma Normalized Calendar Month Revenues at Current rates	\$16,572,177	\$243,086	\$8,168,884	\$4,470,970	\$4,392,145	\$857,176	\$750,061	\$15,516	35,479,015	Alt RATES-3, line 9
2	Percentage of Total Revenues	46.71%	0.69%	23.02%	12.60%	12.38%	2.42%	2.14%	0.04%	100%	Line 1/Line1, Col (K)
3	Total Class Marginal Costs-3year Unit Average Cost	\$17,205,512	\$320,284	\$7,983,210	\$4,307,009	\$4,749,996	\$545,016	\$826,579	\$14,081	\$35,951,68	Att. JDS-MCS 10, line 39
4	Percentage of Total Class marginal costs-3year unit average	47.86%	0.89%	22.21%	11.98%	13.21%	1.52%	2.30%	0.04%	100.00%	Line 13/Line 13, Col K)
5	Total Class Marginal Costs-Regression Coefficient	\$40,352,976	\$752,729	\$21,883,368	\$11,379,933	\$10,993,813	\$545,016	\$2,010,782	\$33,967	\$87,892,58	Revised OCA-1-102.b
6	Percent of Total Class Marginal Costs-Reg. Coeff.	45.91%	0.86%	24.90%	12.95%	12.44%	0.62%	2.29%	0.04%	100.00%	
7	Comparative Analysis										
8	Revenue at Current Rates-3yr Unit average	-1.15%	-0.21%	0.82%	0.62%	-0.83%	0.90%	-0.16%	0.00%	0.00%	Line 2-Line 4
9	Revenues at Current Rates-Reg. Coeff.	0.80%	-0.17%	-1.87%	-0.35%	-0.06%	1.80%	-0.15%	0.01%	0.00%	Line 2-Line 6