

EXHIBIT 1

Educational and Professional Background

Leszek Stachow

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

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

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

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

In 1992, I was appointed regional manager for Central Europe on behalf of management consulting firm, Booz Allen & Hamilton. In that capacity I advised numerous 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

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 Commer ci al 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