



Steven E. Mullen
Director, Rates & Regulatory Affairs
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February 22, 2019

Via ERF and US Mail

Debra A. Howland
Executive Director
New Hampshire Public Utilities Commission
21 S. Fruit Street, Suite 10
Concord, NH 03301-2429

**Re: Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
E-22 Report of Proposed Distribution Expenditures for Additions, Extensions and Capital
Improvements to Fixed Capital and Operation and Maintenance (O&M) Expenses**

Dear Ms. Howland:

Pursuant to Puc 308.07, enclosed for filing please find one original and one duplicate copy of Liberty Utilities' Form E-22 for capital costs associated with various projects in New Hampshire. Please note this report has been filed via the Commission's Electronic Report Filing system.

Thank you for your attention to this matter. Please do not hesitate to call if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve E. Mullen".

Steven E. Mullen

Enclosures

NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION
REPORT OF PROPOSED DISTRIBUTION EXPENDITURES FOR ADDITIONS, EXTENSIONS AND CAPITAL IMPROVEMENTS TO FIXED
CAPITAL AND OPERATION AND MAINTENANCE (O&M) EXPENSES

(In compliance with Puc 308.07)

Item No.	LOCATION	DESCRIPTION	EST. CONSTRUCTION DATE		ESTIMATED COST
			START	FINISH	
5800	Various	Operation Supervision & Engineering	1/1/2019	12/31/2019	\$ 697,571
5810	Various	Load dispatching	1/1/2019	12/31/2019	\$ 1,151,561
5820	Various	Station expenses	1/1/2019	12/31/2019	\$ 202,304
5830	Various	Overhead line expenses	1/1/2019	12/31/2019	\$ 668,669
5840	Various	Underground line expenses	1/1/2019	12/31/2019	\$ 449,207
5850	Various	Street lighting and signal system expenses	1/1/2019	12/31/2019	\$ 87,427
5860	Various	Meter expenses	1/1/2019	12/31/2019	\$ 204,425
5870	Various	Customer installations expenses	1/1/2019	12/31/2019	\$ 24,039
5880	Various	Miscellaneous distribution expenses	1/1/2019	12/31/2019	\$ 1,183,183
5900	Various	Maintenance supervision and engineering	1/1/2019	12/31/2019	\$ 154,885
5910	Various	Maintenance of structures	1/1/2019	12/31/2019	\$ 4,000
5920	Various	Maintenance of station equipment	1/1/2019	12/31/2019	\$ 90,600
5930	Various	Maintenance of overhead lines	1/1/2019	12/31/2019	\$ 456,670
5931	Various	Maint of overhead lines-Trouble	1/1/2019	12/31/2019	\$ 18,000
5932	Various	Maint of overhead lines	1/1/2019	12/31/2019	\$ 1,588,633
5940	Various	Maintenance of underground lines	1/1/2019	12/31/2019	\$ 41,289
5950	Various	Maintenance of line transformers	1/1/2019	12/31/2019	\$ 83,080
5960	Various	Maintenance of street lighting and signal systems	1/1/2019	12/31/2019	\$ 39,976
5970	Various	Maintenance of meters	1/1/2019	12/31/2019	\$ 55,228
5980	Various	Maintenance of miscellaneous distribution plant	1/1/2019	12/31/2019	\$ 12,020
					\$ 7,212,768

Supervisor's Name / Title: Cynthia Trottier, Director, Finance
 (please print)

Supervisor's Signature: _____

Date Submitted: _____

2/22/19

NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION
REPORT OF PROPOSED DISTRIBUTION EXPENDITURES FOR ADDITIONS, EXTENSIONS AND CAPITAL IMPROVEMENTS TO FIXED CAPITAL AND
OPERATION AND MAINTENANCE (O&M) EXPENSES

(In compliance with Puc 308.07)

Item No.	LOCATION	DESCRIPTION	EST. CONSTRUCTION DATE		ESTIMATED COST
			START	FINISH	
8830-1901	Various	01663 GS Storm Program Proj	1/1/2019	12/31/2019	\$100,000
8830-1902	Various	NN D-Line Work Found by Insp.	1/1/2019	12/31/2019	\$50,000
8830-1904	Various	SCADA Data center upgrades	1/1/2019	12/31/2019	\$350,000
8830-1905	Various	01737 GSE-Dist-Subs Blanket	1/1/2019	12/31/2019	\$50,000
8830-1906	Various	GSE-Dist-Meter Blanket	1/1/2019	12/31/2019	\$5,000
8830-1907	Various	GSE-Dist-Genl Equip Blanket	1/1/2019	12/31/2019	\$50,000
8830-1908	Various	SCADA and Distribution Automation	1/1/2019	12/31/2019	\$270,000
8830-1909	Various	GSE-Dist-Land/Land Rights Blanket	1/1/2019	12/31/2019	\$2,000
8830-1910	Various	GSE-Dist-St Light Blanket	1/1/2019	12/31/2019	\$125,000
8830-1911	Various	GSE-Dist-Public Require Blanket	1/1/2019	12/31/2019	\$520,000
8830-1912	Various	Dist-Damage&Failure Blanket	1/1/2019	12/31/2019	\$700,000
8830-1913	Various	GSE-Dist-Asset Replace Blanket	1/1/2019	12/31/2019	\$400,000
8830-1914	Various	GSE-Dist-3rd Party Attach Blanket	1/1/2019	12/31/2019	\$125,000
8830-1915	Various	PS&I Activity - New Hampshire	1/1/2019	12/31/2019	\$100,000
8830-1917	Various	NH ARP Relay & related	1/1/2019	12/31/2019	\$50,000
8830-1918	Various	Charlestown DSub	1/1/2019	12/31/2019	\$100,000
8830-1919	Various	IE-NN Dist Transformer upgrades	1/1/2019	12/31/2019	\$25,000
8830-1920	Various	Placeholder for Electric Training & Development	1/1/2019	12/31/2019	\$23,000
8830-1921	Various	GSE-Dist-Reliability Blanket	1/1/2019	12/31/2019	\$600,000
8830-1922	Various	GSE-Dist-Load Relief Blanket	1/1/2019	12/31/2019	\$80,000
8830-1923	Various	GSE Distributed Generation Blanket	1/1/2019	12/31/2019	\$100,000
8830-1924	Various	LED Street Light Conversion	1/1/2019	12/31/2019	\$300,000
8830-1925	Various	IT Systems & Equipment Blanket	1/1/2019	12/31/2019	\$125,000
8830-1926	Various	Reserve for Unidentified Discretionary Projects	1/1/2019	12/31/2019	\$100,000
8830-1927	Various	IT Systems Allocations - Corporate	1/1/2019	12/31/2019	\$50,000
8830-1929	Various	Walk in Center Relocation Salem	1/1/2019	12/31/2019	\$300,000
8830-1931	Various	Install 39L4 Distribution Slayton Hill	1/1/2019	12/31/2019	\$5,000
8830-1932	Various	Install 39L4 Feeder Position Slayton Hill	1/1/2019	12/31/2019	\$45,000
8830-1933	Various	GSE Backup Battery Program	1/1/2019	12/31/2019	\$1,000,000
8830-1934	Various	IE-NN UG Structures and Equipment	1/1/2019	12/31/2019	\$125,000
8830-1935	Various	Dist-Trans/Capac Install Blanket	1/1/2019	12/31/2019	\$5,000
8830-1936	Various	GSE-Dist-Telecomm Blanket	1/1/2019	12/31/2019	\$2,500
8830-1937	Various	GSE-Dist-New Bus-Resid Blanket	1/1/2019	12/31/2019	\$1,000,000
8830-1938	Various	GSE-Dist-New Bus-Comm Blanket	1/1/2019	12/31/2019	\$1,442,000
8830-1939	Various	IE-NN URD Cable Replacement	1/1/2019	12/31/2019	\$500,000
8830-1940	Various	01757 NN ARP Breakers & Reclosers	1/1/2019	12/31/2019	\$225,000
8830-1941	Various	Feeder Getaway Cable Replacement	1/1/2019	12/31/2019	\$250,000
8830-1943	Various	Distribution Feeder Power Factor Correction	1/1/2019	12/31/2019	\$25,000
8830-1944	Various	Golden Rock Substation	1/1/2019	12/31/2019	\$2,000,000
8830-1945	Various	Golden Rock Distribution Feeder 19L2	1/1/2019	12/31/2019	\$600,000
8830-1946	Various	Bare Conductor Replacement Program	1/1/2019	12/31/2019	\$1,450,000
8830-1947	Various	IE - NN Recloser Installations	1/1/2019	12/31/2019	\$50,000
8830-1949	Various	NN ERR/Pockets of Poor Perf	1/1/2019	12/31/2019	\$100,000
8830-1951	Various	Enhanced Bare Conductor Replacement	1/1/2019	12/31/2019	\$875,000
8830-1953	Various	Underperforming Feeder Program	1/1/2019	12/31/2019	\$300,000
8830-1954	Various	Install Mt. Support 16L2-16L5 Feeder Tie	1/1/2019	12/31/2019	\$200,000
8830-1956	Various	Install 13L2-9L3 Feeder Tie	1/1/2019	12/31/2019	\$200,000
8830-1957	Various	Install Lebanon 1L2-1L3 Feeder Tie	1/1/2019	12/31/2019	\$5,000
8830-1958	Various	Install Service to Tuscan Village South Line	1/1/2019	12/31/2019	\$900,000
8830-1959	Various	Golden Rock Distribution Feeder 19L4	1/1/2019	12/31/2019	\$400,000
8830-1960	Various	Golden Rock Underground	1/1/2019	12/31/2019	\$500,000
8830-1961	Various	Golden Rock 23kV Relocation	1/1/2019	12/31/2019	\$150,000
8830-1964	Various	Rockingham Substation	1/1/2019	12/31/2019	\$200,000
8830-1965	Various	Rockingham Substation Transmission Supply	1/1/2019	12/31/2019	\$200,000
8830-1966	Various	Install 9L2/9L3 Tie Canobie Lake	1/1/2019	12/31/2019	\$200,000
8830-1967	Various	Vegetation Management Equipment & Software Development Upgrade	1/1/2019	12/31/2019	\$69,200
8830-1968	Various	Electric SCADA - Pi	1/1/2019	12/31/2019	\$30,000
8830-1977	Various	Regulator Repl- NE North NH	1/1/2019	12/31/2019	\$156,036
8830-1990	Various	Transportation Fleet & Equip. Blanket	1/1/2019	12/31/2019	\$900,000
8830-1991	Various	01659 Granite St Meter Purchases	1/1/2019	12/31/2019	\$230,000
8830-1992	Various	01660 Granite St Transformer Purchases	1/1/2019	12/31/2019	\$420,000
8830-1993	Various	GSE Facilities Capital Improvements	1/1/2019	12/31/2019	\$550,000
8830-1994	Various	Security Conversion GSE	1/1/2019	12/31/2019	\$25,000

\$20,034,736

Supervisor's Name / Title: Cynthia Trotter, Director, Finance
 (please print)

Supervisor's Signature: _____

Date Submitted: 2/22/19