

Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities
Removal of Recoupment and Rate Case Expense Recovery
Calculation of Percentage Adjustment to Distribution Rates

(1) Decrease in Annual Revenue Requirement	(\$1,381,972)
(2) Decrease in Monthly Revenue Requirement	(\$115,164)
(3) Revenue Requirement in Docket DE 15-087	\$35,523,239
(4) Percentage of Annual Adjustment to Distribution Rates, effective June 1, 2016	-3.89%
(5) Percentage of Annual Adjustment to Distribution Rates, effective May 1, 2016 (in place for one month only to refund the April 2016 over-collection)	-4.21%

- (1) \$1,222,500 of annual temporary rate recoupment and \$159,472 of annual rate case expense recovery
- (2) \$1,222,500 of annual temporary rate recoupment and \$159,472 of annual rate case expense recovery divided by 12
- (3) Revenue Requirement in Docket DE 15-087 (current revenue level based on most recent distribution rate change effective May 1, 2015)
- (4) Line (1) ÷ Line (3)
- (5) (Line (1) + Line (2)) ÷ Line (3)

**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities
Removal of Recoupment and Rate Case Expense Recovery
Rates Effective May 1, 2016**

**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities
Removal of Recoupment and Rate Case Expense Recovery
Rates Effective June 1, 2016**

Rate Class	Distribution Rate Component	April 30, 2016		May 1, 2016		Rate Class	Distribution Rate Component	April 30, 2016		June 1, 2016	
		Base Distribution Charges (a)	Distribution % Increase/ % (Decrease) (b)	Base Distribution Charges (c)				Base Distribution Charges (d)	Distribution % Increase/ % (Decrease) (e)	Base Distribution Charges (f)	
D	Customer Charge	\$11.79	-4.21%	\$11.29		D	Customer Charge	\$11.79	-3.89%	\$11.33	
	1st 250 kWh	\$0.03185	-4.21%	\$0.03050			1st 250 kWh	\$0.03185	-3.89%	\$0.03061	
	Excess 250 kWh	\$0.04784	-4.21%	\$0.04582			Excess 250 kWh	\$0.04784	-3.89%	\$0.04597	
	Off Peak kWh	\$0.03042	-4.21%	\$0.02913			Off Peak kWh	\$0.03042	-3.89%	\$0.02923	
	Farm kWh	\$0.03984	-4.21%	\$0.03816			Farm kWh	\$0.03984	-3.89%	\$0.03829	
	D-6 kWh	\$0.03176	-4.21%	\$0.03042			D-6 kWh	\$0.03176	-3.89%	\$0.03052	
	Interruptible Credit IC-1	(\$6.91)	-4.21%	(\$6.61)			Interruptible Credit IC-1	(\$6.91)	-3.89%	(\$6.64)	
	Interruptible Credit IC-2	(\$9.88)	-4.21%	(\$9.46)			Interruptible Credit IC-2	(\$9.88)	-3.89%	(\$9.49)	
D-10	Customer Charge	\$11.95	-4.21%	\$11.44		D-10	Customer Charge	\$11.95	-3.89%	\$11.48	
	On Peak kWh	\$0.09007	-4.21%	\$0.08627			On Peak kWh	\$0.09007	-3.89%	\$0.08656	
	Off Peak kWh	\$0.00076	-4.21%	\$0.00072			Off Peak kWh	\$0.00076	-3.89%	\$0.00073	
G-1	Customer Charge	\$324.09	-4.21%	\$310.43		G-1	Customer Charge	\$324.09	-3.89%	\$311.48	
	Demand Charge	\$6.91	-4.21%	\$6.61			Demand Charge	\$6.91	-3.89%	\$6.64	
	On Peak kWh	\$0.00389	-4.21%	\$0.00372			On Peak kWh	\$0.00389	-3.89%	\$0.00373	
	Off Peak kWh	\$0.00076	-4.21%	\$0.00072			Off Peak kWh	\$0.00076	-3.89%	\$0.00073	
	Credit for High Voltage Delivery > 2.4 kv	(\$0.38)	-4.21%	(\$0.36)			Credit for High Voltage Delivery > 2.4 kv	(\$0.38)	-3.89%	(\$0.36)	
G-2	Customer Charge	\$54.05	-4.21%	\$51.77		G-2	Customer Charge	\$54.05	-3.89%	\$51.94	
	Demand Charge	\$6.96	-4.21%	\$6.66			Demand Charge	\$6.96	-3.89%	\$6.68	
	All kWh	\$0.00116	-4.21%	\$0.00111			All kWh	\$0.00116	-3.89%	\$0.00111	
	Credit for High Voltage Delivery > 2.4 kv	(\$0.38)	-4.21%	(\$0.36)			Credit for High Voltage Delivery > 2.4 kv	(\$0.38)	-3.89%	(\$0.36)	
G-3	Customer Charge	\$11.70	-4.21%	\$11.20		G-3	Customer Charge	\$11.70	-3.89%	\$11.24	
	All kWh	\$0.03958	-4.21%	\$0.03791			All kWh	\$0.03958	-3.89%	\$0.03804	
	Minimum Charge > 25 kVA	\$2.52	-4.21%	\$2.41			Minimum Charge > 25 kVA	\$2.52	-3.89%	\$2.42	
M	Luminaire Charge					M	Luminaire Charge				
	<u>Description</u>						<u>Description</u>				
	LUM INC RWY 103W	\$104.48	-4.21%	\$100.07			LUM INC RWY 103W	\$104.48	-3.89%	\$100.41	
	LUM MV RWY 100W	\$75.61	-4.21%	\$72.42			LUM MV RWY 100W	\$75.61	-3.89%	\$72.66	
	LUM MV RWY 175W	\$91.95	-4.21%	\$88.07			LUM MV RWY 175W	\$91.95	-3.89%	\$88.37	
	LUM MV RWY 400W	\$173.92	-4.21%	\$166.59			LUM MV RWY 400W	\$173.92	-3.89%	\$167.15	
	LUM MV RWY 1000W	\$330.00	-4.21%	\$316.09			LUM MV RWY 1000W	\$330.00	-3.89%	\$317.16	
	LUM MV FLD 400W	\$192.34	-4.21%	\$184.23			LUM MV FLD 400W	\$192.34	-3.89%	\$184.85	
	LUM MV FLD 1000W	\$332.14	-4.21%	\$318.14			LUM MV FLD 1000W	\$332.14	-3.89%	\$319.21	
	LUM HPS RWY 50W	\$78.26	-4.21%	\$74.96			LUM HPS RWY 50W	\$78.26	-3.89%	\$75.21	
	LUM HPS RWY 100W	\$94.89	-4.21%	\$90.89			LUM HPS RWY 100W	\$94.89	-3.89%	\$91.19	
	LUM HPS RWY 250W	\$166.63	-4.21%	\$159.60			LUM HPS RWY 250W	\$166.63	-3.89%	\$160.14	
	LUM HPS RWY 400W	\$217.12	-4.21%	\$207.96			LUM HPS RWY 400W	\$217.12	-3.89%	\$208.67	
	LUM HPS FLD 250W	\$168.11	-4.21%	\$161.02			LUM HPS FLD 250W	\$168.11	-3.89%	\$161.56	
	LUM HPS FLD 400W	\$232.07	-4.21%	\$222.28			LUM HPS FLD 400W	\$232.07	-3.89%	\$223.04	
	LUM HPS POST 100W	\$109.28	-4.21%	\$104.67			LUM HPS POST 100W	\$109.28	-3.89%	\$105.02	
	Pole and Accessory Charge						Pole and Accessory Charge				
	<u>Description</u>						<u>Description</u>				
	POLE - WOOD	\$92.22	-4.21%	\$88.33			POLE - WOOD	\$92.22	-3.89%	\$88.63	
	POLE FIBER PT <25FT	\$95.50	-4.21%	\$91.47			POLE FIBER PT <25FT	\$95.50	-3.89%	\$91.78	
	POLE FIBER RWY <25FT	\$161.99	-4.21%	\$155.16			POLE FIBER RWY <25FT	\$161.99	-3.89%	\$155.68	
	POLE FIBER RWY =>25	\$270.63	-4.21%	\$259.22			POLE FIBER RWY =>25	\$270.63	-3.89%	\$260.10	
	POLE METAL EMBEDDED	\$193.16	-4.21%	\$185.01			POLE METAL EMBEDDED	\$193.16	-3.89%	\$185.64	
	POLE METAL =>25FT	\$232.75	-4.21%	\$222.94			POLE METAL =>25FT	\$232.75	-3.89%	\$223.69	
	All kWh	\$0.00000	-4.21%	\$0.00000			All kWh	\$0.00000	-3.89%	\$0.00000	
T	Customer Charge	\$11.92	-4.21%	\$11.41		T	Customer Charge	\$11.92	-3.89%	\$11.45	
	All kWh	\$0.03511	-4.21%	\$0.03363			All kWh	\$0.03511	-3.89%	\$0.03374	
	Interruptible Credit IC-1	(\$6.91)	-4.21%	(\$6.61)			Interruptible Credit IC-1	(\$6.91)	-3.89%	(\$6.64)	
	Interruptible Credit IC-2	(\$9.88)	-4.21%	(\$9.46)			Interruptible Credit IC-2	(\$9.88)	-3.89%	(\$9.49)	
V	Minimum Charge	\$11.74	-4.21%	\$11.24		V	Minimum Charge	\$11.74	-3.89%	\$11.28	
	All kWh	\$0.04052	-4.21%	\$0.03881			All kWh	\$0.04052	-3.89%	\$0.03894	
(a)	Per currently effective tariffs					(d)	Per currently effective tariffs				
(b)	Annual decrease plus one month for April 2016 divided by the annual revenue per DE 15-087 of \$35,523,239					(e)	Annual decrease divided by the annual revenue per DE 15-087 of \$35,523,239				
(c)	Column (a) x (1+Column (b))					(f)	Column (d) x (1+Column (e))				