

## **SCHEDULE JDW – 7**

### **Typical Bill Impacts**

Granite State Electric Company  
Proposed August 1, 2008 Default Service Rates  
Calculation of Monthly Typical Bill  
Impact on Rate G-1 Default Service Customers

Granite State Electric Company d/b/a National Grid  
Docket No. DE 08-011  
Schedule JDW-7  
Page 1 of 7

Hours Use		kWh Split		60.00% On-Peak		40.00% Off-Peak		/----- (1) -----/ /----- (2) -----/		-----/ (1) vs (2)	
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
200	50,000	30,000	20,000	\$7,768.83	\$6,150.00	\$1,618.83	\$9,026.33	\$7,407.50	\$1,618.83	\$1,257.50	16.2%
300	75,000	45,000	30,000	\$11,607.63	\$9,225.00	\$2,382.63	\$13,493.88	\$11,111.25	\$2,382.63	\$1,886.25	16.3%
400	100,000	60,000	40,000	\$15,446.43	\$12,300.00	\$3,146.43	\$17,961.43	\$14,815.00	\$3,146.43	\$2,515.00	16.3%
500	125,000	75,000	50,000	\$19,285.23	\$15,375.00	\$3,910.23	\$22,428.98	\$18,518.75	\$3,910.23	\$3,143.75	16.3%
1,000	250,000	150,000	100,000	\$38,479.23	\$30,750.00	\$7,729.23	\$44,766.73	\$37,037.50	\$7,729.23	\$6,287.50	16.3%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$91.23	\$91.23
Distribution Charge			
On Peak kWh	kWh x	\$0.00189	\$0.00189
Off Peak kWh	kWh x	\$0.00057	\$0.00057
Distribution Demand Charge	kW x	\$3.99	\$3.99
Transmission Charge	kWh x	\$0.00918	\$0.00918
Stranded Cost Charge	kWh x	\$0.00050	\$0.00050
System Benefits Charge	kWh x	\$0.00300	\$0.00300
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055
<u>Supplier Services</u>			
Default Service	kWh x	\$0.12300	\$0.14815

Granite State Electric Company  
Proposed August 1, 2008 Default Service Rates  
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Impact on Rate G-1 Default Service Customers

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Docket No. DE 08-011  
Schedule JDW-7  
Page 2 of 7

Hours Use		kWh Split		50.00%		50.00%		/----- (1) -----/ /----- (2) -----/		(1) vs (2)	
		350 On-Peak	Off-Peak								
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	
200	70,000	35,000	35,000	\$10,511.43	\$8,610.00	\$1,901.43	\$12,271.93	\$10,370.50	\$1,901.43	\$1,760.50	16.7%
300	105,000	52,500	52,500	\$15,721.54	\$12,915.00	\$2,806.54	\$18,362.29	\$15,555.75	\$2,806.54	\$2,640.75	16.8%
400	140,000	70,000	70,000	\$20,931.63	\$17,220.00	\$3,711.63	\$24,452.63	\$20,741.00	\$3,711.63	\$3,521.00	16.8%
500	175,000	87,500	87,500	\$26,141.74	\$21,525.00	\$4,616.74	\$30,542.99	\$25,926.25	\$4,616.74	\$4,401.25	16.8%
1,000	350,000	175,000	175,000	\$52,192.23	\$43,050.00	\$9,142.23	\$60,994.73	\$51,852.50	\$9,142.23	\$8,802.50	16.9%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$91.23	\$91.23
Distribution Charge			
On Peak kWh	kWh x	\$0.00189	\$0.00189
Off Peak kWh	kWh x	\$0.00057	\$0.00057
Distribution Demand Charge	kW x	\$3.99	\$3.99
Transmission Charge	kWh x	\$0.00918	\$0.00918
Stranded Cost Charge	kWh x	\$0.00050	\$0.00050
System Benefits Charge	kWh x	\$0.00300	\$0.00300
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.12300	\$0.14815
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Granite State Electric Company  
Proposed August 1, 2008 Default Service Rates  
Calculation of Monthly Typical Bill  
Impact on Rate G-1 Default Service Customers

Hours Use                      kWh Split  
                                    450 On-Peak                      45.00%  
                                    Off-Peak                              55.00%

				/----- (1) -----/			/----- (2) -----/			-----/ (1) vs (2)	
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
				Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
200	90,000	40,500	49,500	\$13,254.70	\$11,070.00	\$2,184.70	\$15,518.20	\$13,333.50	\$2,184.70	\$2,263.50	17.1%
300	135,000	60,750	74,250	\$19,836.42	\$16,605.00	\$3,231.42	\$23,231.67	\$20,000.25	\$3,231.42	\$3,395.25	17.1%
400	180,000	81,000	99,000	\$26,418.15	\$22,140.00	\$4,278.15	\$30,945.15	\$26,667.00	\$4,278.15	\$4,527.00	17.1%
500	225,000	101,250	123,750	\$32,999.88	\$27,675.00	\$5,324.88	\$38,658.63	\$33,333.75	\$5,324.88	\$5,658.75	17.1%
1,000	450,000	202,500	247,500	\$65,908.54	\$55,350.00	\$10,558.54	\$77,226.04	\$66,667.50	\$10,558.54	\$11,317.50	17.2%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$91.23		\$91.23
Distribution Charge				
On Peak kWh	kWh x	\$0.00189		\$0.00189
Off Peak kWh	kWh x	\$0.00057		\$0.00057
Distribution Demand Charge	kW x	\$3.99		\$3.99
Transmission Charge	kWh x	\$0.00918		\$0.00918
Stranded Cost Charge	kWh x	\$0.00050		\$0.00050
System Benefits Charge	kWh x	\$0.00300		\$0.00300
Electricity Consumption Tax	kWh x	\$0.00055		\$0.00055

Supplier Services

Default Service	kWh x	\$0.12300		\$0.14815
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Granite State Electric Company  
Proposed August 1, 2008 Default Service Rates  
Calculation of Monthly Typical Bill  
Impact on Rate G-1 Default Service Customers

Hours Use                      kWh Split  
   450 On-Peak                      40.00%  
   Off-Peak                      60.00%

kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	(1)		(2)		(1) vs (2)	
				Total	Present Rates Default Service	Total	Proposed Rates Default Service	Overall Increase (Decrease) Amount	%
200	90,000	36,000	54,000	\$13,248.75	\$11,070.00	\$2,178.75	\$13,333.50	\$2,263.50	17.1%
300	135,000	54,000	81,000	\$19,827.51	\$16,605.00	\$3,222.51	\$20,000.25	\$3,395.25	17.1%
400	180,000	72,000	108,000	\$26,406.27	\$22,140.00	\$4,266.27	\$26,667.00	\$4,527.00	17.1%
500	225,000	90,000	135,000	\$32,985.03	\$27,675.00	\$5,310.03	\$33,333.75	\$5,658.75	17.2%
1,000	450,000	180,000	270,000	\$65,878.83	\$55,350.00	\$10,528.83	\$66,667.50	\$11,317.50	17.2%

Present Rates

Customer Charge	\$91.23
Distribution Charge	
On Peak kWh	kWh x \$0.00189
Off Peak kWh	kWh x \$0.00057
Distribution Demand Charge	kW x \$3.99
Transmission Charge	kWh x \$0.00918
Stranded Cost Charge	kWh x \$0.00050
System Benefits Charge	kWh x \$0.00300
Electricity Consumption Tax	kWh x \$0.00055

Proposed Rates

	\$91.23
	\$0.00189
	\$0.00057
	\$3.99
	\$0.00918
	\$0.00050
	\$0.00300
	\$0.00055

Supplier Services

Default Service	kWh x \$0.12300
	\$0.14815

Hours Use 200

		(1)		(2)		(1) vs (2)
kW	Monthly kWh	Present Rates		Proposed Rates		Overall Increase (Decrease) Amount %
		Total	Retail Delivery	Total	Retail Delivery	
20	4,000	\$663.79	\$171.79	\$764.39	\$171.79	\$100.60 15.2%
50	10,000	\$1,622.83	\$392.83	\$1,874.33	\$392.83	\$251.50 15.5%
75	15,000	\$2,422.03	\$1,845.00	\$2,799.28	\$577.03	\$377.25 15.6%
100	20,000	\$3,221.23	\$2,460.00	\$3,724.23	\$761.23	\$503.00 15.6%
150	30,000	\$4,819.63	\$3,690.00	\$5,574.13	\$1,129.63	\$754.50 15.7%

Proposed Rates

Customer Charge		\$24.43
Distribution Charge	kWh x	\$0.00088
Distribution Demand Charge	kW x	\$4.41
Transmission Charge	kWh x	\$0.00986
Stranded Cost Charge	kWh x	\$0.00050
System Benefits Charge	kWh x	\$0.00300
Electricity Consumption Tax	kWh x	\$0.00055

Present Rates

Customer Charge		\$24.43
Distribution Charge	kWh x	\$0.00088
Distribution Demand Charge	kW x	\$4.41
Transmission Charge	kWh x	\$0.00986
Stranded Cost Charge	kWh x	\$0.00050
System Benefits Charge	kWh x	\$0.00300
Electricity Consumption Tax	kWh x	\$0.00055

Supplier Services

Default Service	kWh x	\$0.12300
		\$0.14815

Granite State Electric Company d/b/a National Grid  
Docket No. DE 08-011  
Schedule JDW-7  
Page 6 of 7

**Granite State Electric Company**  
**Proposed August 1, 2008 Default Service Rates**  
**Calculation of Monthly Typical Bill**  
**Impact on Rate G-2 Default Service Customers**

Hours Use                      250

		/----- (1) -----/			/----- (2) -----			(1) vs (2)	
kW	Monthly kWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
20	5,000	\$801.58	\$615.00	\$186.58	\$927.33	\$740.75	\$186.58	\$125.75	15.7%
50	12,500	\$1,967.31	\$1,537.50	\$429.81	\$2,281.69	\$1,851.88	\$429.81	\$314.38	16.0%
75	18,750	\$2,938.75	\$2,306.25	\$632.50	\$3,410.31	\$2,777.81	\$632.50	\$471.56	16.0%
100	25,000	\$3,910.18	\$3,075.00	\$835.18	\$4,538.93	\$3,703.75	\$835.18	\$628.75	16.1%
150	37,500	\$5,853.06	\$4,612.50	\$1,240.56	\$6,796.19	\$5,555.63	\$1,240.56	\$943.13	16.1%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$24.43	\$24.43
Distribution Charge	kWh x	\$0.00088	\$0.00088
Distribution Demand Charge	kW x	\$4.41	\$4.41
Transmission Charge	kWh x	\$0.00986	\$0.00986
Stranded Cost Charge	kWh x	\$0.00050	\$0.00050
System Benefits Charge	kWh x	\$0.00300	\$0.00300
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service	kWh x	\$0.12300	\$0.14815
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**Granite State Electric Company**

300

kW	Monthly kWh	(1)			(2)			(1) vs (2)	
		Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Amount	%
20	6,000	\$939.37	\$738.00	\$201.37	\$1,090.27	\$888.90	\$201.37	\$150.90	16.1%
50	15,000	\$2,311.78	\$1,845.00	\$466.78	\$2,689.03	\$2,222.25	\$466.78	\$377.25	16.3%
75	22,500	\$3,455.46	\$2,767.50	\$687.96	\$4,021.34	\$3,333.38	\$687.96	\$565.88	16.4%
100	30,000	\$4,599.13	\$3,690.00	\$909.13	\$5,353.63	\$4,444.50	\$909.13	\$754.50	16.4%
150	45,000	\$6,886.48	\$5,535.00	\$1,351.48	\$8,018.23	\$6,666.75	\$1,351.48	\$1,131.75	16.4%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$24.43
Distribution Charge	kWh x	\$0.00088
Distribution Demand Charge	kW x	\$4.41
Transmission Charge	kWh x	\$0.00986
Stranded Cost Charge	kWh x	\$0.00050
System Benefits Charge	kWh x	\$0.00300
Electricity Consumption Tax	kWh x	\$0.00055
<u>Supplier Services</u>		
Default Service	kWh x	\$0.12300
		\$0.14815