Granite State Electric Company d/b/a National Grid
Docket No. DE 08-011
Witness: J. D. Warshaw

**SCHEDULE JDW - 7** 

**Typical Bill Impacts** 

R:\2008 gse\Default Service\June Filing\[Schedule JDW-7.xls]G1 250 hu 12-Jun-08 11:35 AM

Hours Use

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

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kWh Split

250 On-Peak Off Bush

60.00% 40 0007

		Off-Peak	40.00%								
				/	(1)	/	/	(2)	/	(1) vs (2)	)
	Monthly	On-Peak	Off-Peak		Present Rates Default	Retail		Proposed Rates Default	Retail	Overall Increase (Dec	
kW	kWh	kWh	kWh	Total	Service	Delivery	Total	Service	Delivery	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%

		Present Rates	Proposed Rates
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

### Granite State Electric Company d/b/a National Grid Docket No. DE 08-011 Schedule JDW-7 Page 2 of 7

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

kWh Split

Hours Use 350 On-Peak 50.00% Off-Peak 50.00%

kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	/Total	Present Rates Default Service	Retail Delivery	/P	roposed Rates Default Service	Retail Delivery	Overall Increase (Deco	
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%

		Present Rates	<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

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

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kWh Split Hours Use 450 On-Peak

11:35 AM

450 On-Peak Off-Peak 45.00% 55.00%

		0. D. I	0000		Present Rates		F	Proposed Rates		Overall Increase (Dec	
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	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%

	•	Present Rates	Proposed Rates
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	kWhx	\$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

b/a National Grid	Docket No. DE 08-011 Schedule JDW-7 Page 4 of 7		(1) vs(2)	Overall Increase (Decrease)		nt %	3.50 17.1%	5.25 17.1%	7.00 17.1%	8.75 17.2%	200 17 200
Granite State Electric Company d'D/a National Grid	Dock		(1)	O		y Amount	32,263.50	51 \$3,395.25	\$4,527.00	\$5,658.75	02 112 113
Granite State E				S	Retail	Delivery	.50 \$2,178.75	.25 \$3,222.51	.00 \$4,266.27	.75 \$5,310.03	50 002 019
	es es		(2)	Proposed Rates	Default	Service	5 \$13,333.50	6 \$20,000.25	7 \$26,667.00	833,333.75	02 627 273
	Company fault Service Rate Typical Bill Service Custome		//			Total	\$15,512.25	\$23,222.76	\$30,933.27	\$38,643.78	55 701 773
ita Stota Elastrio	Granite State Electric Company Proposed August 1, 2008 Default Service Rates Calculation of Monthly Typical Bill Impact on Rate G-1 Default Service Customers			Retail	Delivery	\$2,178.75	\$3,222.51	\$4,266.27	\$5,310.03	610 620 03	
10.2		- (1)	Present Rates	Default	Service	\$11,070.00	\$16,605.00	\$22,140.00	\$27,675.00	455 250 00	
	(51 450 ftu 2 40.00% 60.00%		//			Total	\$13,248.75	\$19,827.51	\$26,406.27	\$32,985.03	665 070 03
JG1 450 hu 2					Off-Peak	kWh	54,000	81,000	108,000	135,000	000 026
Schedule JDW-7.xls		kWh Split 450 On-Peak Off-Peak			On-Peak	kWh	36,000	54,000	72,000	000'06	180 000
RN2008 gaelDefault ServiceUnne Filing\[Schedule JDW-7.xls]G1 450 hu 2 72.fnn.og		45(			Monthly	kWh	000,000	135,000	180,000	225,000	450,000
R:\2008 gse\Default	11:35 AM	Hours Use				kW	200	300	400	500	1 000

	Prese	resent Rates	Proposed Rates
Customer Charge Distribution Charge		\$91.23	\$91.23
On Peak kWh Off Peak kWh	kWh x	\$0.00189	\$0.00189
Distribution Demand Charge	kWx	\$3.99	\$3.99
Transmission Charge	kWhx	\$0.00918	\$0.00918
Stranded Cost Charge	kWhx	\$0.00050	\$0.00050
System Benefits Charge	kWhx	\$0.00300	\$0.00300
Electricity Consumption Tax	kWhx	\$0.00055	\$0.00055
Supplier Services			
Default Service	kWhx	\$0.12300	\$0.14815

any d/b/a National Grid Docket No. DE 08-011	Schedule JDW-7 Page 5 of 7		(1) vs (2)	Overal1	Increase (Decrease)		%
Company d/b/a National Grid Decket No. DE 08-011	So			Ov	Increase (		Amount
						Retail	Delivery
Granite	Service Rates sical Bill ice Customers		(2)		Proposed Rates	Default	Service
Granite State Electric Company	Proposed August 1, 2008 Default Service Rates Calculation of Monthly Typical Bill Impact on Rate G-2 Default Service Customers		//				Total
Granite	Proposed Augus Calculatio Impact on Rate		<i></i>			Retail	Delivery
			(1)		Present Rates	Default	Service
W-7.xls]G2 200 hu			//				Total
Filing (Schedule JDW-7.xls) G2 200 hu		200				Monthly	kWh
R:\2008 gse\Default	11:35 AM	Hours Use					kW

15.2%

\$100.60

\$171.79

\$592.60

\$764.39

\$171.79

\$492.00

\$663.79

4,000

20

15.5%

\$251.50

\$392.83

\$1,481.50

\$1,874.33

\$392.83

\$1,230.00

\$1,622.83

10,000

50

15.6%

\$377.25

\$577.03

\$2,222.25

\$2,799.28

\$577.03

\$1,845.00

\$2,422.03

15,000

75

15.6%

\$503.00

\$761.23

\$2,963.00

\$3,724.23

\$761.23

\$2,460.00

\$3,221.23

20,000

100

15.7%

\$754.50

\$1,129.63

\$4,444.50

\$5,574.13

\$1,129.63

\$3,690.00

\$4,819.63

30,000

150

		Present Rates	Proposed Rates	
Customer Charge		\$24.43	\$24.43	
Distribution Charge	kWhx	\$0.00088	\$0.00088	
Distribution Demand Charge	kWx	\$4.41	\$4.41	
Transmission Charge	kWhx	\$0.00986	\$0.00986	
Stranded Cost Charge	kWhx	\$0.00050	\$0.00050	
System Benefits Charge	kWhx	\$0.00300	\$0.00300	
Electricity Consumption Tax	kWhx	\$0.00055	\$0,00055	
Supplier Services				
Default Service	kWhx	\$0.12300	\$0.14815	

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

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Hours Use 250

		/	(1)	/	/	(2)		(1) vs	(2)
	Monthly		Present Rates			Proposed Rates	Danii	Over Increase (I	
kW	Monthly kWh	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%

	Ī	Present Rates	Proposed Rates
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

Granite State Electric Company d'b/a National Grid	Docket No. DE 08-011	Schedule JDW-7	Page 7 of 7	
	Granite State Electric Company	Proposed August 1, 2008 Default Service Rates	Calculation of Monthly Typical Bill	mpact on Rate G-2 Default Service Customers
R/2008 gse/Default Service/June Filing/(Schedule JDW-7.xls)G2 300 hu	12-Jun-08	11:35 AM		

Hours Use 300

(1)  VS  (2)	Overall Increase (Decrease)	unt %	.90 16.1%	7.25 16.3%	.88 16.4%	50 16.4%	.75 16.4%
		y Amount	37 \$150.90	877.25	96 \$565.88	13 \$754.50	\$1,351.48 \$1,131.75
		Retail Delivery	\$201.37	\$466.78	\$687.96	\$909.13	
(7)	Proposed Rates	Default Service	\$888.90	\$2,222.25	\$3,333.38	\$4,444.50	\$6,666.75
//		Total	\$1,090.27	\$2,689.03	\$4,021.34	\$5,353.63	\$8,018.23
/	j	Retail Delivery	\$201.37	\$466.78	\$687.96	\$909.13	\$1,351.48
(1)	Present Rates	Default Service	\$738.00	\$1,845.00	\$2,767.50	\$3,690.00	\$5,535.00
//		Total	\$939.37	\$2,311.78	\$3,455.46	\$4,599.13	\$6,886.48
	,	Monthly kWh	000'9	15,000	22,500	30,000	45,000
		kW	20	50	75	100	150

		Present Rates	Proposed Rates
Customer Charge		\$24.43	\$24.43
Distribution Charge	kWhx	\$0.00088	\$0.00088
Distribution Demand Charge	kW x	\$4.41	\$4.41
Transmission Charge	kWhx	\$0.00986	98600.0\$
Stranded Cost Charge	kWhx	\$0.00050	\$0.00050
System Benefits Charge	kWhx	\$0.00300	\$0.00300
Electricity Consumption Tax	kWhx	\$0.00055	\$0.00055
Supplier Services			
Default Service	kWhx	\$0.12300	\$0.14815