Fiscal Year 2008 (April 1, 2007 – March 31, 2008) Reliability
Enhancement Plan (REP) and
Vegetation Management Plan
(VMP) Results and Reconciliation
Filing

May 15, 2008

Submitted to: New Hampshire Public Utilities Commission

Submitted by:

national**grid**

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Introduction

Pursuant to the settlement agreement approved by the Commission as part of the National Grid/KeySpan merger proceeding in Docket DG 06-107¹ ("Settlement Agreement"), Granite State Electric Company d/b/a National Grid ("National Grid" or "Company") is submitting the results of the Reliability Enhancement Plan ("REP") and Vegetation Management Plan ("VMP") for fiscal year 2008 (April 1, 2007-March 31, 2008). As required by the Settlement Agreement, this report contains the following information: 1) A report on actual spending on operation and maintenance activities and capital projects for fiscal year 2008, including an explanation of differences from the fiscal year 2008 budget; 2) A request for a capital investment allowance of \$165,840 to be included in rates effective for usage on and after July 1, 2008; and 3) Calendar year 2007 reliability performance results.

Section 1: Actual O&M Expenses

As set forth in the Settlement Agreement, the total allowed base operating and maintenance ("O&M") budget for fiscal year 2008 was \$1,950,000. Actual O&M expenses incurred during implementation of the REP and VMP for fiscal year 2008 are shown in Tables 1 and 2 respectively. The combined actual O&M expenditure for REP and VMP activities was \$2,169,258. Because the Company's actual spending on O&M activities during fiscal year 2008 exceeded the base O&M budget for fiscal year 2008, no adjustment to current rates is necessary.²

See Order No. 24,777 (July 12, 2007).
 See Settlement Agreement (Granite State Rate Plan, Exhibit GSE-8 at pp. 3-4).

Table 1. REP O&M Activities

	FY 2008
Activities	Actual Expenses
Inspection and Maintenance	\$11,000
O&M related to Capital Expenditures	\$262,741
Total	\$273,741

Table 2. VMP O&M Activities

	FY 2008
Activities	Actual Expenses
Spot Tree Trimming	\$15,214
Trouble and Restoration Maintenance	\$19,799
Planned Cycle Trimming	\$796,274
Cycle Trimming Police Detail Expenses	\$79,402
Tree Hazard Removal	\$793,359
Interim Trimming	\$29,965
Tree Planting	\$1,729
Sub-transmission Right of Way Clearing	\$91,063
Other Police Detail Expenses	\$68,712
Total	\$1,895,517

Section 2: Capital Investment Allowance

Actual Capital Expenditures

As set forth in the Settlement Agreement, the Company's allowance for capital expenditures for fiscal year 2008 is \$950,000. Actual capital expenditures made to implement the REP during fiscal year 2008 are shown in Table 3 below. In this filing, National Grid is seeking recovery of the incremental revenue requirement associated with \$950,000 of capital investments in rates, as provided for in the Settlement Agreement.³ As set forth in Attachment 1, the revenue requirement associated with fiscal year 2008 capital expenditures of \$950,000 is \$165,840. The rate design associated with the proposed capital investment allowance is set forth in Attachment 2. Typical bill calculations for all customer classes are

³ See Settlement Agreement (Granite State Rate Plan, Exhibit GSE-8 at pp. 4 and pp. 7-8).

set forth in Attachment 3. Clean and redlined versions of the revised tariff pages are set forth in Attachment 4.

Table 3. Actual 2008 Capital Investment Expenditures

	FY 2008 Actual
Projects	Capital Investment
Feeder Hardening	\$712,475
Asset Replacement	
- Reclosers	\$361,431
- Cutouts: Installing new cutouts on side	\$79,612
taps and replacing potted porcelain	
cutouts	
- Pole Replacements	\$205,472
Total	\$1,358,990

Differences from Fiscal Year 2008 REP & VMP Budgets

Two factors contributed to differences between the proposed fiscal year 2008 REP and VMP budgets (\$950,000 and \$1,950,000 respectively) and actual REP and VMP expenditures for fiscal year 2008. First, during fiscal year 2008 the scope of planned recloser installation projects performed by the Company was expanded to include additional asset replacements. Specifically, the Company expanded the use of reclosers, replaced additional fusing and added load break switches to improve the sectionalization of feeders and improve switching time in the event of a fault. Enhanced use of reclosers and feeder sectionalization is designed to reduce the number of customers interrupted during a fault that occurs on a feeder away from the substation. This has a direct impact on SAIFI. In addition, reduced switching time will reduce the customer interruption minutes associated with an interruption event (i.e., SAIDI and CAIDI). Second, the scope of work required to harden certain feeders was generally greater than forecasted, resulting in increased costs. However, the additional work performed during fiscal year 2008 is expected to improve performance of the targeted feeders,

and help to fulfill National Grid's commitment to improve its reliability performance and the quality of service to New Hampshire customers. These additional costs were incurred in the process of ensuring that these projects were completed safely and would deliver the intended improvements in reliability performance.

Section 3: Calendar Year 2007 Reliability Results

As required pursuant to the Settlement Agreement, National Grid is providing the results of its calendar year 2007 reliability performance showing the effects of excluding weather events that qualify for exclusion under the IEEE Standard 1366 definition of a Major Event Day as well as the effects of excluding weather events that qualify for exclusion under the PUC Major Storm Definition historically used by the Commission for the Company. Customers Interrupted, Customer Minutes Interrupted, SAIDI, SAIFI, and CAIDI statistics are provided in Table 4 for calendar year 2007.

Table 4. Calendar Year 2007 Reliability Results

	Customers	Customer Minutes			
Exclusions ¹	Interrupted	Interrupted	SAIFI	SAIDI	CAIDI
PUC Major Storm ²	79,042	9,196,645	1.96	228.36	116.35
PUC Major Event Days ² plus 8/16 and					
8/25	72,005	5,344,033	1.79	132.70	74.22
IEEE Major Event Days ³	80,518	7,099,822	2.00	176.29	88.18

^{1.} Only events involving 1 or more customers and more than 5 minutes are included in the calculated statistics.

^{2.} PUC Major Storm: [(CI \geq = 15 % of Customers Served and 30 concurrent events) or (45 concurrent events)], PUC days excluded in 2007 are 1/15, 1/16, 4/15 – 4-19.

^{3.} IEEE Major Event Days: Using IEEE criteria, days excluded in 2007 are 1/15, 4/15, 4/16, 8/16, 8/25.

Attachment 1 Revenue Requirement

Granite State Electric Company Docket No. DG 06-107 Attachment 1 Page 1 of 3

Granite State Electric Company Incremental REP Program Annual Rate Changes

		07/01/2007	07/01/2008	07/01/2009	07/01/2010	<u>07/01/2011</u>	07/01/2012
E	Annual Incremental Rate Adjustments						
1 2	REP and VMP O&M Program	0	0	113,832	(113,832)	0	0
3	REP Capital Program	0	165,840	80,649	77,405	74,272	71,244
4 5	Total	0	165,840	194,481	(36,427)	74,272	71,244

Notes: Line 1 From Page 2 of 3 Line 15. Line 3 From Page 3 of 3 Line 40.

Line 5 Line 1 + Line 3.

Granite State Electric Company Incremental VMP and REP O&M Program Computation of Annual Revenue Requirement

L	ncremental VMP and REP O&M Spend	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	
1 2	Actual VMP and REP Program Spending	2,169,258	1,473,832	1,360,000	1,360,000	1,360,000	
3	Approved Program Budget	1,950,000	1,473,832	1,360,000	1,360,000	1,360,000	
5	Lesser of Actual Spending and Approved Program Budget	1,950,000	1,473,832	1,360,000	1,360,000	1,360,000	
7 8	VMP and REP Base Spending Level	1,950,000	1,360,000	1,360,000	1,360,000	1,360,000	
9 10	Total Revenue Requirement	0	113,832	0	0	0	
	nnual Rate Adjustment	7/1/2007	7/1/2008	7/1/2009	7/1/2010	7/1/2011	7/1/2012
13	Current Year Rate Adjustment		0	113,832	0	0	0
14	Expiration of Prior Year Rate Adjustment		0	0	(113,832)	0	0
15	Incremental Rate Adjustment	0	0	113,832	(113,832)	0	0

Notes:

- Line 1 Actual VMP and REP program spending for fiscal year 2008 and projected spending for all other years.
- Line 3 Approved program budget pursuant to the Company's annual February 15 REP and VMP plan submission
- Line 5 Lesser of Line 1 and Line 3.
- Line 7 VMP and REP base spending level per Merger Settlement Agreement in Docket No. DG 06-107.
- Line 9 Line 5 minus Line 7.
- Line 13 Prior year Line 9.
- Line 14 Minus prior year Line 13.
- Line 15 Line 13 plus Line 14.

Granite State Electric Company Incremental REP Capital Program Computation of Revenue Requirement

Representation Section Section				FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Camulative REP Program Spend 950,000 1,450,000 1,950,000 2,450,000 2,950,000 3,0		Deferred Tax Calculation							
Book Depreciation Rate (a) 3.70%	1	REP Progam Annual Spend		950,000 /1	500,000	500,000	500,000	500,000	
Book Depreciation Rate (a) 3.70% 3.70% 6.88% 5.70% 5.71%		Cumulative REP Program Spend		950,000	1,450,000	1,950,000	2,450,000	2,950,000	
20 YR MA/CRS Tax Depreciation: Verif Spend S5,625 68,581 63,432 58,682 54,274 Verif Spend S5,625 18,750 36,095 33,385 30,885 Verif Spend S6,885 18,750 36,095 33,385 30,885 Verif Spend S6,885 18,750 36,095 33,385 30,885 Verif Spend S7,000 18,750 36,095 33,385 30,885 Verif Spend S7,000 18,750 36,095 318,750 36,095 Verif Spend S7,000 18,750 36,095 18,750 36,095 Verif Spend S7,000 18,750 36,095 Verif Spend S7,000 18,750 241,232 388,144 561,532 Verif Spend S7,000 S7,000 16,095 251,600 360,750 Verif Spend S7,000 S7,000 S7,000 360,750 Verif Spend S7,000 S7,000 S7,000 S7,000 S7,000 Verif Spend S7,000 S7,000 S7,000 S7,000 S7,000 Verif Spend S7,000 S7,000 S7,000 S7,000 S7,000 S7,000 Verif Spend S7,000 S		Book Depreciation Rate (a)		3.70%	3.70%	3.70%	3.70%	3.70%	
Vintage Year Tax Depreciation: Year Spend Spen		•							
Year Spend Spend									
Name				35.625	68.581	63.432	58.682	54.274	
Part				55,025					
Name		•			10,750				
1		•				10,750			
13		-					10,750		
Annual Tax Depreciation 35,625 87,331 118,277 146,912 173,389 173,000 122,956 241,232 388,144 561,532 173,000		rear 5 Spend	-					10,730	
Book Depreciation 35,150 53,650 72,150 90,650 109,150 360,750 180,0170 360,750	13	Annual Tax Depreciation		35,625	87,331	118,277	146,912	173,389	
15	14	<u>-</u>		35,625	122,956	241,232	388,144	561,532	
Cumulative Book Depreciation 35,150 88,800 160,950 251,600 360,750 18 18 18 18 18 18 18 1	15	•							
Book/Tax Timer	16	Book Depreciation		35,150	53,650	72,150	90,650	109,150	
Book/Tax Timer	17	Cumulative Book Depreciation		35,150	88,800	160,950	251,600	360,750	
Effective Tax Rate	18								
Deferred Tax Reserve 192 13,842 32,534 55,334 81,367	19	Book/Tax Timer		475	34,156	80,282	136,544	200,782	
Deferred Tax Reserve 192 13,842 32,534 55,344 81,367		Effective Tax Rate		40.53%	40.53%	40.53%	40.53%	40.53%	
Rate Base Calculation Plant In Service 950,000 1,450,000 1,950,000 2,450,000 2,950,000 2,050,000		Defender Deve		102	12.042	20.524	55.224	01.267	
Rate Base Calculation 950,000		Deletted Tax Reserve	_	192	13,842	32,334	33,334	81,307	
Plant In Service		Rate Base Calculation							
Accumulated Depreciation (35,150) (88,800) (160,950) (251,600) (360,750)				950,000	1,450,000	1,950,000	2,450,000	2,950,000	
Deferred Tax Reserve 192 13,842 32,534 (55,334) (81,367)									
Year End Rate Base 914,658 1,347,358 1,756,516 2,143,066 2,507,883 1,756,516 2,143,066 2,507,833 1,556,516 2,143,066 2,507,833 1,556,516 2,143,066 2,507,833 1,556,516 2,143,066 2,507,833 1,556,516 2,143,066 2,507,833 1,556,516 2,143,066 2,507,833 1,556,516 2,143,066 1,567,516 2,143,066 1,567,516		•							
Revenue Requirement Calculation 914,658 1,347,358 1,756,516 2,143,066 2,507,883 1,756,716 2,143,066 2,507,883 1,756,716 2,143,066 2,507,883 1,756,716 2,143,066 2,507,883 1,756,716 2,143,066 2,507,883 1,756,716 2,143,066 2,507,883 1,756,716 2,143,066 2,507,883 1,756,716 2,143,066 2,507,883 1,756,716 2,143,066 2,507,883 2,507,893 2,507,89			_						
Year End Rate Base		Total Silver Silver	_	771,000	1,577,550	1,750,510	2,115,000	2,507,005	
Pre-Tax ROR	30	Revenue Requirement Calculation							
108,916 160,442 209,164 255,194 298,636 209,164 255,194 298,636 30,150 35,150 33,550 72,150 90,650 109,150 35 Property Taxes (b) 2,38% 21,773 32,397 42,579 52,322 61,624 36 Annual Revenue Requirement 165,840 246,488 323,893 398,165 469,410 37	31	Year End Rate Base		914,658	1,347,358	1,756,516	2,143,066	2,507,883	
Book Depreciation 35,150 53,650 72,150 90,650 109,150 Property Taxes (b) 2.38% 21,773 32,397 42,579 52,322 61,624 Annual Revenue Requirement 165,840 246,488 323,893 398,165 469,410 Annual Rate Adjustment 7/1/2008 7/1/2009 7/1/2010 7/1/2011 7/1/2012 Annual Rate Adjustment 165,840 80,649 77,405 74,272 71,244 Imputed Capital Structure (c) Ratio Rate Rate Rate Pre Tax Annual Rate Adjustment 50,00% 7,54% 3,77% 3,77% Annual Rate Adjustment 165,840 80,649 77,405 74,272 71,244 Annual Rate Adjustment 165,840 80,649 77,405 74,272 74,272 Annual Rate Adjustment 165,840 80,649 77,405 77,405 74,272 71,244 Annual Rate Adjustment 165,840 80,649 77,405 77,405 74,272 74,244 Annual Rate Adjustment 165,840 80,649 77,405 77,405 74,272 74,244 Annual Rate Adjustment 165,840 80,649	32	Pre-Tax ROR		11.91%	11.91%	11.91%	11.91%	11.91%	
Book Depreciation 35,150 53,650 72,150 90,650 109,150 Property Taxes (b) 2.38% 21,773 32,397 42,579 52,322 61,624 Annual Revenue Requirement 165,840 246,488 323,893 398,165 469,410 Annual Rate Adjustment 7/1/2008 7/1/2009 7/1/2010 7/1/2011 7/1/2012 Annual Rate Adjustment 165,840 80,649 77,405 74,272 71,244 Imputed Capital Structure (c) Ratio Rate Rate Pre Tax Annual Rate Adjustment S0,00% 7,54% 3,77% 3,77% Annual Rate Adjustment Rate Pre Tax Annual Rate Adjustment S0,00% 9,67% 4,84% 8,14% Annual Rate Adjustment Rate Rate Pre Tax Annual Rate Adjustment Rate Pre Tax Annual Rate Adjustm	33	Return and Taxes	_	108,916	160,442	209,164	255,194	298,636	
Property Taxes (b) 2.38% 21,773 32,397 42,579 52,322 61,624 Annual Revenue Requirement 165,840 246,488 323,893 398,165 469,410 Annual Rate Adjustment 7/1/2008 7/1/2009 7/1/2010 7/1/2011 7/1/2012 Annual Rate Adjustment 165,840 80,649 77,405 74,272 71,244 Incremental Annual Rate Adjustment 165,840 80,649 77,405 74,272 71,244 Imputed Capital Structure (c) Ratio Rate Rate Rate Pre Tax Imputed Capital Structure (c) 8,000% 7,54% 3,77% 3,77% Common Equity 50,00% 9,67% 4,84% 8,14% Common Equity 50,00% 9,67% 4,84% 8,14% Ratio Rate Rate Rate Pre Tax Pre Tax	34	Book Depreciation		35,150	53,650	72,150	90,650	109,150	
Name	35	Property Taxes (b)	2.38%	21,773	32,397		52,322	61,624	
Name	36		_						
165,840 80,649 77,405 74,272 71,244 41	37	-							
165,840 80,649 77,405 74,272 71,244 41	38	Annual Rate Adjustment		_	7/1/2008	7/1/2009	7/1/2010	7/1/2011	7/1/2012
41 42 43 Imputed Capital Structure (c) 44 Ratio Rate Rate Pre Tax 45 Long Term Debt 50.00% 7.54% 3.77% 3.77% 46 47 Common Equity 50.00% 9.67% 4.84% 8.14%	39			_					
	40	Incremental Annual Rate Adjustment			165,840	80,649	77,405	74,272	71,244
	41								
44 Ratio Rate Rate Pre Tax 45 Long Term Debt 50.00% 7.54% 3.77% 3.77% 46 Common Equity 50.00% 9.67% 4.84% 8.14% 48 8.14% 8.14% 8.14% 8.14%	42								
45 Long Term Debt 50.00% 7.54% 3.77% 3.77% 46 47 Common Equity 50.00% 9.67% 4.84% 8.14% 48	43	Imputed Capital Structure (c)				Weighted			
46 47 Common Equity 50.00% 9.67% 4.84% 8.14% 48	44		_		Rate		Pre Tax		
47 Common Equity 50.00% 9.67% 4.84% 8.14% 48	45	Long Term Debt		50.00%	7.54%	3.77%	3.77%		
48	46								
		Common Equity	_	50.00%	9.67%	4.84%	8.14%		
	48			100.00%		8.61%	11.91%		

^{/1} Actual REP capital spending for FY2008 exceeded the REP progam annual spend target of \$950,000.

⁽a) Actual 2007 Composite Depreciation rate for distribution property.

⁽b) Actual 2007 ratio of municipal tax expense to net plant in service.

⁽c) Capital structure per Merger Settlement in Docket DG 06-107, Exhibit 1, Section 3(c).

Attachment 2 Rate Design

Page 1 of 3

Granite State Electric Company Rate Settlement Procedure for Adjusting Distribution Rates for Capital Investment Allowance Calculation of Percentage Adjustment to Distribution Rates Rates Effective July 1, 2008

(1)	Increase in Annual Revenue Requirement	\$165,840
(2)	Forecasted Base Distribution Revenue	\$21,906,674
(3)	Percentage of Adjustment to Distribution Rates	0.76%

- (1) Attachment 1, Page 1
- (2) Forecasted Billing Units for the applicable period multiplied by current rates.
- (3) Line (1) \div Line (2)

Granite State Electric Company Rate Settlement Procedure for Adjusting Distribution Rates for Capital Investment Allowance Calculation of Percentage Adjustment to Distribution Rates Forecasted Distribution Revenue for Period from July 2008 through June 2009

		·	_	
		Current		
Data Class	Distillation Base Community	Base Distribution	Forecasted	Forecasted
Rate Class	Distribution Rate Component	<u>Charges</u>	Units (b)	Revenue
		(a)	(6)	(c)
D	Customer Charge	\$4.28	410,759	\$1,758,049.83
	1st 250 kWh	\$0.01611	101,332,257	\$1,632,462.67
	Excess 250 kWh	\$0.04195	176,382,251	\$7,399,235.41
	Off Peak kWh	\$0.01541	3,008,586	\$46,362.30
	Farm kWh	\$0.02505	1,819,819	\$45,586.48
	D-6 kWh	\$0.01611	1,131,405	\$18,226.93
	Interruptible Credit IC-1	(\$4.77)	3,024	-\$14,424.48
	Interruptible Credit IC-2	(\$6.36)	396	-\$2,518.56
D 10	Customer Channel	67.25	4.002	62//17/22
D-10	Customer Charge On Peak kWh	\$7.35	4,982	\$36,617.23
	Off Peak kWh	\$0.04656 \$0.00000	1,981,780	\$92,271.65
	Oli Feak kwii	\$0.00000		
G-1	Customer Charge	\$91.23	1,424	\$129,930.28
	Demand Charge	\$3.99	883,227	\$3,524,074.90
	On Peak kWh	\$0.00132	153,542,403	\$202,675.97
	Off Peak kWh	\$0.00000		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
	Credit for High Voltage Delivery > 2.4 kv	(\$0.26)	295,391	-\$76,801.66
	Credit for High Voltage Metering			-\$54,937.11
	Optional Charge			\$16,151.06
G-2	Customer Charge	\$24.43	9,814	\$239,763.85
	Demand Charge	\$4.41	555,056	\$2,447,795.71
	All kWh	\$0.00031	167,219,148	\$51,837.94
	Credit for High Voltage Delivery > 2.4 kv Credit for High Voltage Metering	(\$0.26)	502	-\$130.41 -\$851.56
	Optional Charge			\$4,639.99
	Optional Charge			\$4,037.77
G-3	Customer Charge	\$5.37	66,345	\$356,271.24
	All kWh	\$0.03019	98,149,811	\$2,963,142.79
	Minimum Charge > 25 kVA	\$1.60		
М	Luminaire Charge			
	Lamp Code			
	003	\$47.95	354	\$16,974.30
	004 005	\$58.30	514	\$29,966.20
	006	\$110.24 \$209.15	74 1	\$8,157.76
	010	\$66.24	26	\$209.15 \$1,722.24
	023	\$121.92	44	\$5,364.48
	024	\$210.52	2	\$421.04
	070	\$49.63	2186	\$108,491.18
	072	\$60.16	1612	\$96,977.92
	074	\$105.62	595	\$62,843.90
	075	\$137.62	248	\$34,129.76
	077	\$106.57	298	\$31,757.86
	078	\$147.11	484	\$71,201.24
	079	\$69.28	362	\$25,079.36
	Pole and Accessory Charge			
	Pole and Accessory Code			
	P	\$58.48	148	\$8,655.04
	R	\$60.55	251	\$15,198.05
	c	\$102.67	110	\$11,293.70
	D	\$171.53		\$0.00
	F	\$122.43	97	\$11,875.71
	T	\$147.53	129	\$19,031.37
	All kWh	\$0.00000		
	All KWII	\$0.00000		
T	Customer Charge	\$5.53	15,728	\$86,976.96
•	All kWh	\$0.01973	22,958,589	\$452,972.95
	Interruptible Credit IC-1	(\$4.77)	3,672	-\$17,515.44
	Interruptible Credit IC-2	(\$6.36)	144	-\$915.84
	•	,		
V	Minimum Charge	\$5.78	219	\$1,268.61
	All kWh	\$0.02785	326,908	\$9,104.39
				\$21,906,674.33
(-)	Description of Continue and C			
(a) (b)	Per currently effective tariffs Company Forecast			
(b) (c)	Column (a) x Column (b)			
\ - /				

Granite State Electric Company Rate Settlement

Procedure for Adjusting Distribution Rates for Capital Investment Allowance Calculation of Percentage Adjustment to Distribution Rates Rates Effective July 1, 2008

Rate Class	Distribution Rate Component	Current Base Distribution Charges (a)	Proposed Distribution <u>% Increase</u> (b)	Proposed Base Distribution Charges (c)	Current Business Profits Surcharge (d)	Current Default Service Cost Reclassification Distribution Credit (e)	Proposed Total Distribution Charges (f)
D	Customer Charge	\$4.28	0.76%	\$4.31			\$4.31
	1st 250 kWh	\$0.01611	0.76%	\$0.01623	\$0.00057	(\$0.00017)	\$0.01663
	Excess 250 kWh	\$0.04195	0.76%	\$0.04226	\$0.00057	(\$0.00017)	\$0.04266
	Off Peak kWh	\$0.01541	0.76%	\$0.01552	\$0.00057	(\$0.00017)	\$0.01592
	Farm kWh	\$0.02505	0.76%	\$0.02524	\$0.00057	(\$0.00017)	\$0.02564
	D-6 kWh	\$0.01611	0.76%	\$0.01623	\$0.00057	(\$0.00017)	\$0.01663
	Interruptible Credit IC-1	(\$4.77)	0.76%	(\$4.80)			(\$4.80)
	Interruptible Credit IC-2	(\$6.36)	0.76%	(\$6.40)			(\$6.40)
D-10	Customer Charge	\$7.35	0.76%	\$7.40			\$7.40
	On Peak kWh	\$0.04656	0.76%	\$0.04691	\$0.00057	(\$0.00008)	\$0.04740
	Off Peak kWh	\$0.00000	0.76%	\$0.00000	\$0.00057	(\$0.00008)	\$0.00049
G-1	Customer Charge	• \$91.23	0.76%	\$91.92			\$91.92
	Demand Charge	\$3.99	0.76%	\$4.02			\$4.02
	On Peak kWh	\$0.00132	0.76%	\$0.00133	\$0.00057	\$0.00000	\$0.00190
	Off Peak kWh	\$0.0000	0.76%	\$0.00000	\$0.00057	\$0.00000	\$0.00057
	Credit for High Voltage Delivery > 2.4 kv	(\$0.26)	0.76%	(\$0.26)			(\$0.26)
G-2	Customer Charge	\$24.43	0.76%	\$24.61			\$24.61
	Demand Charge	\$4.41	0.76%	\$4.44			\$4.44
	All kWh	\$0.00031	0.76%	\$0.00031	\$0.00057	\$0.00000	\$0.00088
	Credit for High Voltage Delivery > 2.4 kv	(\$0.26)	0.76%	(\$0.26)			(\$0.26)
G-3	Customer Charge	\$5.41	0.76%	\$5.45			\$5.45
	All kWh	\$0.03019	0.76%	\$0.03041	\$0.00057	(\$0.00017)	\$0.03081
	Minimum Charge > 25 kVA	\$1.60	0.76%	\$1.61			\$1.61
M	Luminaire Charge Lamp Code						
	003	\$47.95	0.76%	\$48.31			\$48.31
	004	\$58.30	0.76%	\$58.74			\$58.74
	005	\$110.24	0.76%	\$111.07			\$111.07
	006	\$209.15	0.76%	\$210.73			\$210.73
	010	\$66.24	0.76%	\$66.74			\$66.74
	023	\$121.92	0.76%	\$122.84			\$122.84
	024	\$210.52	0.76%	\$212.11			\$212.11
	070	\$49.63	0.76%	\$50.00			\$50.00
	072	\$60.16	0.76%	\$60.61			\$60.61
	074	\$105.62	0.76%	\$106.42			\$106.42
	075	\$137.62	0.76%	\$138.66			\$138.66
	077	\$106.57	0.76%	\$107.37			\$107.37
	078	\$147.11	0.76%	\$148.22			\$148.22
	079	\$69.28	0.76%	\$69.80			\$69.80
	Pole and Accessory Charge						
	Pole and Accessory Code	050.40	0.7(0/	650.00			450.00
	P R	\$58.48 \$60.55	0.76% 0.76%	\$58.92			\$58.92
	C C	\$102.67	0.76%	\$61.01 \$103.45			\$61.01 \$103.45
	D	\$171.53	0.76%				\$103.43 \$172.83
	F	\$171.33	0.76%	\$172.83 \$123.36			\$172.83
	Ť	\$147.53	0.76%	\$148.65			\$148.65
	All kWh	\$0.00000	0.76%	\$0.00000	\$0.00057	\$0.00000	\$0.00057
	Customer Charge	\$5.53	0.76%	\$5.57			\$5.57
	All kWh	\$0.01973	0.76%	\$0.01987	\$0.00057	(\$0.00007)	\$0.02037
	Interruptible Credit IC-1	(\$4.77)	0.76%	(\$4.80)			(\$4.80)
	Interruptible Credit IC-2	(\$6.36)	0.76%	(\$6.40)			(\$6.40)
	Minimum Charge	\$5.78	0.76%	\$5.82			\$5.82
	All kWh	\$0.02785	0.76%	\$0.02806	\$0.00057	(\$0.00009)	\$0.02854
						()	

Per currently effective tariffs

(a) (b)

Page 1
Column (a) x (1+Column (b)) (c)

Distribution Energy Charges include a Business Profits Tax Surcharge of \$0,00057 per kWh for usage on and after 8/1/01 (d)

(e) Per Default Service Cost Reclassification Adjustment Provision

(f) Column (c) + Column (d) + Column (e)

Attachment 3 Typical Bills Impacts

Granite State Electric Company Proposed July 1, 2008 Distribution Rates Calculation of Monthly Typical Bill Impact on Rate D Default Service Customers Granite State Electric Company Docket No. DG 06-107 Attachment 3 Page 1 of 16

kWh Split On-Peak

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100.00% Off-Peak 0.00% Without Water Heater Control 0% Off-Peak

/-----(1) -----/ /-----(2) (1) vs (2)

				Present Rates			Proposed Rates		Overal Increase (De	
Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
200	200	0	\$33.81	\$23.31	\$10.50	\$33.87	\$23.31	\$10.56	\$0.06	0.2%
350	350	0	\$58.55	\$40.79	\$17.76	\$58.64	\$40.79	\$17.85	\$0.09	0.2%
500	500	0	\$84.58	\$58.28	\$26.30	\$84.72	\$58.28	\$26.44	\$0.14	0.2%
673	673	0	\$114.58	\$78.44	\$36.14	\$114.78	\$78.44	\$36.34	\$0.20	0.2%
750	750	0	\$127.95	\$87.41	\$40.54	\$128.16	\$87.41	\$40.75	\$0.21	0.2%
1,000	1,000	0	\$171.31	\$116.55	\$54.76	\$171.61	\$116.55	\$55.06	\$0.30	0.2%

		Present Rates	Proposed Rates
Customer Charge		\$4.28	\$4.31
Distribution Charge			
1st 250 kWh	kWh x	\$0.01651	\$0.01663
excess of 250 kWh	kWh x	\$0.04235	\$0.04266
Off Peak kWh	kWh x	\$0.01581	\$0.01592
Def. Serv. Adj. Fctr	kWh x	\$0.00000	\$0.00000
Transmission Charge	kWh x	\$0.01054	\$0.01054
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	\$0.11655	\$0.11655

Granite State Electric Company
Proposed July 1, 2008 Distribution Rates
Calculation of Monthly Typical Bill
Impact on Rate D Default Service Customers
With 6 Hour Water Heater Control

Granite State Electric Company
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kWh Split

On-Peak 80.00% Off-Peak 20.00%

		/	/	(1)	/	/	(2) -	/	(1) vs (2)	
Monthly KWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decr Amount	rease)
200	160	40	\$29.01	\$23.31	\$5.70	\$29.04	\$23.31	\$5.73	\$0.03	0.1%
350	280	70	\$51.92	\$40.79	\$11.13	\$51.96	\$40.79	\$11.17	\$0.04	0.1%
500	400	100	\$77.15	\$58.28	\$18.87	\$77.24	\$58.28	\$18.96	\$0.09	0.1%
750	600	150	\$119.19	\$87.41	\$31.78	\$119.35	\$87.41	\$31.94	\$0.16	0.1%
1,000	800	200	\$161.23	\$116.55	\$44.68	\$161.45	\$116.55	\$44.90	\$0.22	0.1%

		Present Rates	Proposed Rates
Customer Charge		\$4.28	\$4.31
Distribution Charge			
1st 250 kWh	kWh x	\$0.01651	\$0.01663
excess of 250 kWh	kWh x	\$0.04235	\$0.04266
Off Peak kWh	kWh x	\$0.01581	\$0.01592
Def. Serv. Adj. Fctr	kWh x	\$0.00000	\$0.00000
Transmission Charge	kWh x	\$0.01054	\$0.01054
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
Interruptible Credit #1		(\$4.77)	(\$4.80)
Supplier Services			
Default Service	kWh x	\$0.11655	\$0.11655

Granite State Electric Company Proposed July 1, 2008 Distribution Rates Calculation of Monthly Typical Bill Impact on Rate D Default Service Customers With 6 Hour Water Heater Control

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kWh Split

On-Peak 60.00% Off-Peak 40.00%

-----(1) ------(2) ------(1) vs (2)

				Present Rates			Proposed Rates		Overal Increase (De	- 1
Monthly KWh	On-Peak kWh	Off-Peak kWh	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
200	120	80	\$27.39	\$23.31	\$4.08	\$27.41	\$23.31	\$4.10	\$0.02	0.1%
350	210	140	\$49.50	\$40.79	\$8.71	\$49.53	\$40.79	\$8.74	\$0.03	0.1%
500	300	200	\$72.91	\$58.28	\$14.63	\$72.96	\$58.28	\$14.68	\$0.05	0.1%
750	450	300	\$113.62	\$87.41	\$26.21	\$113.74	\$87.41	\$26.33	\$0.12	0.1%
1,000	600	400	\$154.33	\$116.55	\$37.78	\$154.51	\$116.55	\$37.96	\$0.18	0.1%

		Present Rates	Proposed Rates
Customer Charge		\$4.28	\$4.31
Distribution Charge		\$0.00000	\$0.00000
1st 250 kWh	kWh x	\$0.01651	\$0.01663
excess of 250 kWh	kWh x	\$0.04235	\$0.04266
Off Peak kWh	kWh x	\$0.01581	\$0.01592
Def. Serv. Adj. Fctr	kWh x	\$0.00000	\$0.00000
Transmission Charge	kWh x	\$0.01054	\$0.01054
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
Interruptible Credit #2		(\$6.36)	(\$6.40)
Supplier Services			
Default Service	kWh x	\$0.11655	\$0.11655

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Granite State Electric Company Proposed July 1, 2008 Distribution Rates Calculation of Monthly Typical Bill Impact on Rate D-10 Default Service Customers

\$325.34

\$221.45

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\$103.89

\$0.58

0.2%

kWh Split

On-Peak 80.00% Off-Peak 20.00%

1,520

380

\$324.76

			/	(1)	/	/	(2)		(1) vs (2)
Monthly KWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overal Increase (De Amount	
700	560	140	\$124.30	\$81.59	\$42.71	\$124.54	\$81.59	\$42.95	\$0.24	0.2%
1,000	800	200	\$174.40	\$116.55	\$57.85	\$174.73	\$116.55	\$58.18	\$0.33	0.2%
1,300	1,040	260	\$224.52	\$151.52	\$73.00	\$224.94	\$151.52	\$73.42	\$0.42	0.2%
1,600	1.280	320	\$274.63	\$186.48	\$88.15	\$275.13	\$186.48	\$88.65	\$0.50	0.2%

\$103.31

		Present Rates	Proposed Rates		
Customer Charge		\$7.35	\$7.40		
Distribution Charge					
On Peak kWh	kWh x	\$0.04705	\$0.04740		
Off Peak kWh	kWh x	\$0.00049	\$0.00049		
Def. Serv. Adj. Fctr	kWh x	\$0.00000	\$0.00000		
Transmission Charge	kWh x	\$0.00871	\$0.00871		
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		

\$221.45

Supplier Services

1,900

Default Service	kWh x	\$0.11655	\$0.11655

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Granite State Electric Company Proposed July 1, 2008 Distribution Rates Calculation of Monthly Typical Bill Impact on Rate D-10 Default Service Customers

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kWh Split

On-Peak Off-Peak 70.00% 30.00%

			/	(1)	/	/	(2)	/	(1) vs (2)	
Monthly KWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decr Amount	rease)
700	490	210	\$121.03	\$81.59	\$39.44	\$121.26	\$81.59	\$39.67	\$0.23	0.2%
1,000	700	300	\$169.75	\$116.55	\$53.20	\$170.04	\$116.55	\$53.49	\$0.29	0.2%
1,300	910	390	\$218.47	\$151.52	\$66.95	\$218.83	\$151.52	\$67.31	\$0.36	0.2%
1,600	1,120	480	\$267.19	\$186.48	\$80.71	\$267.63	\$186.48	\$81.15	\$0.44	0.2%
1,900	1,330	570	\$315.91	\$221.45	\$94.46	\$316.42	\$221.45	\$94.97	\$0.51	0.2%

]	Present Rates	Proposed Rates
Customer Charge		\$7.35	\$7.40
Distribution Charge			
On Peak kWh	kWh x	\$0.04705	\$0.04740
Off Peak kWh	kWh x	\$0.00049	\$0.00049
Def. Serv. Adj. Fctr	kWh x	\$0.00000	\$0.00000
Transmission Charge	kWh x	\$0.00871	\$0.00871
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 \$0.11655 \$0.11655

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Granite State Electric Company Proposed July 1, 2008 Distribution Rates Calculation of Monthly Typical Bill Impact on Rate D-10 Default Service Customers

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kWh Split

On-Peak 60.00% Off-Peak 40.00%

					(4)
 (1)	/	/	(2)	/	(1) vs (2)

									(-) (,
				Present Rates			Proposed Rates		Overa Increase (De	
Monthly	On-Peak	Off-Peak		Default	Retail		Default	Retail		
KWh	kWh	kWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
700	420	280	\$117.78	\$81.59	\$36.19	\$117.98	\$81.59	\$36.39	\$0.20	0.2%
1,000	600	400	\$165.09	\$116.55	\$48.54	\$165.35	\$116.55	\$48.80	\$0.26	0.2%
1,300	780	520	\$212.41	\$151.52	\$60.89	\$212.73	\$151.52	\$61.21	\$0.32	0.2%
1,600	960	640	\$259.73	\$186.48	\$73.25	\$260.11	\$186.48	\$73.63	\$0.38	0.1%
1,900	1,140	760	\$307.06	\$221.45	\$85.61	\$307.51	\$221.45	\$86.06	\$0.45	0.1%

]	Present Rates	Proposed Rates
Customer Charge		\$7.35	\$7.40
Distribution Charge On Peak kWh	kWh x	\$0.04705	\$0.04740
Off Peak kWh	kWh x	\$0.00049	\$0.00049
Def. Serv. Adj. Fctr	kWh x	\$0.00000	\$0.00000
Transmission Charge	kWh x	\$0.00871	\$0.00871
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 \$0.11655 \$0.11655

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Granite State Elec c Company
Proposed July 1, 2008 istribution Rates
Calculation of Mont y Typical Bill
Impact on Rate G-3 Defat Service Customers

Granite State Electric Company
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Hours Use

Monthly Present Rates Present Rates Proposed Rate Default Proposed Rate Default <th></th> <th></th> <th>(1)</th> <th>/</th> <th></th> <th>(2)</th> <th>/</th> <th>(1) vs (2)</th> <th>2)</th>			(1)	/		(2)	/	(1) vs (2)	2)
Present Rates Default Retail Total \$101.83 \$69.93 \$31.90 \$102.01 \$133.98 \$93.24 \$40.74 \$134.20 \$198.26 \$139.86 \$58.40 \$198.56 \$246.49 \$174.83 \$71.66 \$246.86 \$326.83 \$233.10 \$93.73 \$327.31								Overall	=
Default Retail Default Service Delivery Total Defa \$101.83			Present Rates	i		Proposed Rates	:	Increase (Decrease)	crease)
\$101.83 \$69.93 \$31.90 \$102.01 \$133.98 \$93.24 \$40.74 \$134.20 \$198.26 \$139.86 \$58.40 \$198.56 \$ \$246.49 \$174.83 \$71.66 \$246.86 \$ \$326.83 \$233.10 \$93.73 \$327.31 \$		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
\$133.98 \$93.24 \$40.74 \$134.20 \$198.26 \$139.86 \$58.40 \$198.56 \$ \$246.49 \$174.83 \$71.66 \$246.86 \$ \$326.83 \$233.10 \$93.73 \$327.31 \$	009		\$69.93	\$31.90	\$102.01	\$69.93	\$32.08	\$0.18	0.5%
\$198.26 \$139.86 \$58.40 \$198.56 \$246.49 \$174.83 \$71.66 \$246.86 \$326.83 \$233.10 \$93.73 \$327.31	800	\$133.98	\$93.24	\$40.74	\$134.20	\$93.24	\$40.96	\$0.22	0.5%
\$246.49 \$174.83 \$71.66 \$246.86 \$326.83 \$233.10 \$93.73 \$327.31	1,200		\$139.86	\$58.40	\$198.56	\$139.86	\$58.70	\$0.30	0.5%
\$326.83 \$233.10 \$93.73 \$327.31	1,500		\$174.83	\$71.66	\$246.86	\$174.83	\$72.03	\$0.37	0.2%
	2,000		\$233.10	\$93.73	\$327.31	\$233.10	\$94.21	\$0.48	0.1%

Proposed Rates	\$5.45	\$0.03 0 81	\$0.00952	\$0.00 0 50	\$0.00300	\$0.00055
Present Rates	\$5.41	\$0.03059	\$0.00952	\$0.00050	\$0.00300	\$0.00055
		kWhx	kWhx	kWhx	kWhx	kWhx
	Customer Charge	Distribution Charge	Transmission Charge	Stranded Cost Charge	System Benefits Charge	Electricity Consumption Tax

	9	3
•	5	1
	PI	5
ζ	1	2
	Pr	1
•	2	3
	Ξ	2
	Ξ	t
ζ	1)

\$0.11655
kWh x
Default Service

\$0.11655

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Granite State Electric Company Proposed July 1, 2008 Distribution Rates Calculation of Monthly Typical Bill Impact on Rate T Default Service Customers

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	ease)	%	0.1%	0.1%	0.1%	0.1%	0.1%
(1) vs (2)	Overall Increase (Decrease)	Amount	\$0.12	\$0.16	.\$0.20	\$0.25	\$0.32
/		Retail Delivery	\$26.29	\$33.21	\$47.01	\$57.39	\$74.65
(2)	Proposed Rates	Default Service	\$69.93	\$93.24	.\$139.86	\$174.83	\$233.10
		Total	\$96.22	\$126.45	\$186.87	\$232.22	\$307.75
/		Retail Delivery	\$26.17	\$33.05	\$46.81	\$57.14	\$74.33
(1)	Present Rates	Default Service	\$69.93	\$93.24	\$139.86	\$174.83	\$233.10
		Total	\$96.10	\$126.29	\$186.67	\$231.97	\$307.43
/		Monthly kWh	009	800	1,200	1,500	2,000

		Present Rates	Proposed Rates
Customer Charge		\$5.53	\$5.57
Distribution Charge	kWhx	\$0.02023	\$0.02037
Transmission Charge	kWhx	\$0.01012	\$0.01012
Stranded Cost Charge	kWhx	\$0.00050	\$0.00050
System Benefits Charge	kWhx	\$0.00300	\$0.00300
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Default Service kWh \$0.11655

\$0.11655

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Granite State Electric Company Proposed July 1, 2008 Distribution Rates Calculation of Monthly Typical Bill Impact on Rate V Default Service Customers

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		/	(1)	/	/	(2)	/	(1) vs	(2)
1	Monthly kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Over Increase (E Amount	
	600	\$95.39	\$69.93	\$25.46	\$95.51	\$69.93	\$25.58	\$0.12	0.1%
	800	\$127.17	\$93.24	\$33.93	\$127.34	\$93.24	\$34.10	\$0.17	0.1%
	1,200	\$190.77	\$139.86	\$50.91	\$191.02	\$139.86	\$51.16	\$0.25	0.1%
	1,500	\$238.48	\$174.83	\$63.65	\$238.79	\$174.83	\$63.96	\$0.31	0.1%
	2,000	\$317.94	\$233.10	\$84.84	\$318.36	\$233.10	\$85.26	\$0.42	0.1%

		Present Rates	Proposed Rates
Minimum Charge		\$5.78	\$5.82
Distribution Charge	kWh x	\$0.02833	\$0.02854
Transmission Charge	kWh x	\$0.01041	\$0.01041
Stranded Cost Charge	kWh x	\$0.00013	\$0.00013
System Benefits Charge	kWh x	\$0.00300	\$0.00300
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055
Supplier Services			
Default Service	kWh x	\$0.11655	\$0.11655

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

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kWh Split Hours Use 250 On-Peak

Off-Peak

60.00% 40.00%

			OII-1 Can	70.0070								
					/	(1)	/	/	(2)	/	(1) vs (2)	
kW	v	Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decr	rease) %
	200	50,000	30,000	20,000	\$7,768.83	\$6,150.00	\$1,618.83	\$7,775.82	\$6,150.00	\$1,625.82	\$6.99	0.1%
	300	75,000	45,000	30,000	\$11,607.63	\$9,225.00	\$2,382.63	\$11,617.77	\$9,225.00	\$2,392.77	\$10.14	0.1%
	400	100,000	60,000	40,000	\$15,446.43	\$12,300.00	\$3,146.43	\$15,459.72	\$12,300.00	\$3,159.72	\$13.29	0.1%
	500	125,000	75,000	50,000	\$19,285.23	\$15,375.00	\$3,910.23	\$19,301.67	\$15,375.00	\$3,926.67	\$16.44	0.1%
	1,000	250,000	150,000	100,000	\$38,479.23	\$30,750.00	\$7,729.23	\$38,511.42	\$30,750.00	\$7,761.42	\$32.19	0.1%

]	Present Rates	Proposed Rates
Customer Charge		\$91.23	\$91.92
Distribution Charge			
On Peak kWh	kWh x	\$0.00189	\$0.00190
Off Peak kWh	kWh x	\$0.00057	\$0.00057
Distribution Demand Charge	kW x	\$3.99	\$4.02
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	\$0.12300

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

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Hours Use

kWh Split 350 On-Peak

50.00% 50.00%

		Off-Peak	50.00%								
				/	(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 (Decr	rease) %
200	70,000	35,000	35,000	\$10,511.43	\$8,610.00	\$1,901.43	\$10,518.47	\$8,610.00	\$1,908.47	\$7.04	0.1%
300	105,000	52,500	52,500	\$15,721.54	\$12,915.00	\$2,806.54	\$15,731.75	\$12,915.00	\$2,816.75	\$10.21	0.1%
400	140,000	70,000	70,000	\$20,931.63	\$17,220.00	\$3,711.63	\$20,945.02	\$17,220.00	\$3,725.02	\$13.39	0.1%
500	175,000	87,500	87,500	\$26,141.74	\$21,525.00	\$4,616.74	\$26,158.30	\$21,525.00	\$4,633.30	\$16.56	0.1%
1,000	350,000	175,000	175,000	\$52,192.23	\$43,050.00	\$9,142.23	\$52,224.67	\$43,050.00	\$9,174.67	\$32.44	0.1%

		Present Rates	Proposed Rates
Customer Charge		\$91.23	\$91.92
Distribution Charge			
On Peak kWh	kWh x	\$0.00189	\$0.00190
Off Peak kWh	kWh x	\$0.00057	\$0.00057
Distribution Demand Charge	kW x	\$3.99	\$4.02
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
Cumulian Complete			
Supplier Services			
Default Service	kWh x	\$0.12300	\$0.12300

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Granite State Electric Company Proposed July 1, 2008 Distribution 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

Off-Peak

45.00% 55.00%

				/	(1)	/	/	(2)	/	(1) vs (2))
					Present Rates			Proposed Rates		Overall Increase (Decr	1
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	\$13,261.79	\$11,070.00	\$2,191.79	\$7.09	0.1%
300	135,000	60,750	74,250	\$19,836.42	\$16,605.00	\$3,231.42	\$19,846.72	\$16,605.00	\$3,241.72	\$10.30	0.1%
400	180,000	81,000	99,000	\$26,418.15	\$22,140.00	\$4,278.15	\$26,431.65	\$22,140.00	\$4,291.65	\$13.50	0.1%
500	225,000	101,250	123,750	\$32,999.88	\$27,675.00	\$5,324.88	\$33,016.59	\$27,675.00	\$5,341.59	\$16.71	0.1%
1,000	450,000	202,500	247,500	\$65,908.54	\$55,350.00	\$10,558.54	\$65,941.25	\$55,350.00	\$10,591.25	\$32.71	0.0%

]	Present Rates	Proposed Rates
Customer Charge		\$91.23	\$91.92
Distribution Charge			
On Peak kWh	kWh x	\$0.00189	\$0.00190
Off Peak kWh	kWh x	\$0.00057	\$0.00057
Distribution Demand Charge	kW x	\$3.99	\$4.02
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	\$0.12300

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

kWh Split Hours Use 450 On-Peak

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On-Peak 40.00% Off-Peak 60.00%

		OII-Feak	00.00%								
				/	(1)	/	/	(2)	/	(1) vs (2)	,
	Monthly	On-Peak	Off-Peak		Present Rates Default	Retail]	Proposed Rates Default	Retail	Overall Increase (Decr	rease)
kW	kWh	kWh	kWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
200	90,000	36,000	54,000	\$13,248.75	\$11,070.00	\$2,178.75	\$13,255.80	\$11,070.00	\$2,185.80	\$7.05	0.1%
300	135,000	54,000	81,000	\$19,827.51	\$16,605.00	\$3,222.51	\$19,837.74	\$16,605.00	\$3,232.74	\$10.23	0.1%
400	180,000	72,000	108,000	\$26,406.27	\$22,140.00	\$4,266.27	\$26,419.68	\$22,140.00	\$4,279.68	\$13.41	0.1%
500	225,000	90,000	135,000	\$32,985.03	\$27,675.00	\$5,310.03	\$33,001.62	\$27,675.00	\$5,326.62	\$16.59	0.1%
1,000	450,000	180,000	270,000	\$65,878.83	\$55,350.00	\$10,528.83	\$65,911.32	\$55,350.00	\$10,561.32	\$32.49	0.0%

		Present Rates	Proposed Rates
Customer Charge		\$91.23	\$91.92
Distribution Charge			
On Peak kWh	kWh x	\$0.00189	\$0.00190
Off Peak kWh	kWh x	\$0.00057	\$0.00057
Distribution Demand Charge	kW x	\$3.99	\$4.02
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	\$0.12300

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

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Hours Use

200

		/	(1)	/	/	(2)		(1) vs	(2)
kW	Monthly kWh	Total	Present Rates Default Service	Retail Delivery	P Total	Proposed Rates Default Service	Retail Delivery	Over Increase (E	
20	4,000	\$663.79	\$492.00	\$171.79	\$664.57	\$492.00	\$172.57	\$0.78	0.1%
50	10,000	\$1,622.83	\$1,230.00	\$392.83	\$1,624.51	\$1,230.00	\$394.51	\$1.68	0.1%
75	15,000	\$2,422.03	\$1,845.00	\$577.03	\$2,424.46	\$1,845.00	\$579.46	\$2.43	0.1%
100	20,000	\$3,221.23	\$2,460.00	\$761.23	\$3,224.41	\$2,460.00	\$764.41	\$3.18	0.1%
150	30,000	\$4,819.63	\$3,690.00	\$1,129.63	\$4,824.31	\$3,690.00	\$1,134.31	\$4.68	0.1%

]	Present Rates	Proposed Rates
Customer Charge		\$24.43	\$24.61
Distribution Charge	kWh x	\$0.00088	\$0.00088
Distribution Demand Charge	kW x	\$4.41	\$4.44
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	\$0.12300

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Granite State Electric Company Proposed July 1, 2008 Distribution 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 kWh	Total	Present Rates Default Service	Retail Delivery	Pr Total	roposed Rates Default Service	Retail Delivery	Over Increase (I	
20	5,000	\$801.58	\$615.00	\$186.58	\$802.36	\$615.00	\$187.36	\$0.78	0.1%
50	12,500	\$1,967.31	\$1,537.50	\$429.81	\$1,968.99	\$1,537.50	\$431.49	\$1.68	0.1%
75	18,750	\$2,938.75	\$2,306.25	\$632.50	\$2,941.18	\$2,306.25	\$634.93	\$2.43	0.1%
100	25,000	\$3,910.18	\$3,075.00	\$835.18	\$3,913.36	\$3,075.00	\$838.36	\$3.18	0.1%
150	37,500	\$5,853.06	\$4,612.50	\$1,240.56	\$5,857.74	\$4,612.50	\$1,245.24	\$4.68	0.1%

	I	Present Rates	Proposed Rates		
Customer Charge		\$24.43	\$24.61		
Distribution Charge	kWh x	\$0.00088	\$0.00088		
Distribution Demand Charge	kW x	\$4.41	\$4.44		
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	\$0.12300		

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

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anite State Electric Company

Hours Use

300

//
Present Rates
Default Retail Total Service Delivery
\$939.37 \$738.00 \$201.37
\$2,311.78 \$1,845.00 \$466.78
\$3,455.46 \$2,767.50 \$687.96
\$4,599.13 \$3,690.00 \$909.13
\$6,886.48 \$5,535.00 \$1,351.48

<u>Proposed Rates</u>	\$24.61	\$0.00088	\$4.44	\$0.0086	\$0.00050	\$0.00300	\$0.00055	
Present Rates	\$24.43				\$0.00050		\$0.00055	
		kWh	kW x	kWh >	kWh x	kWh >	kWh	
	Customer Charge	Distribution Charge	Distribution Demand Charge	Transmission Charge	Stranded Cost Charge	System Benefits Charge	Electricity Consumption Tax	

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\$0.12300 \$0.12300 kWh x Default Service

Attachment 4 Revised Tariff Pages

Revised Page	Superseded Page	Rate Schedule
Sixth Revised Page 35	Superseding Fifth Revised Page 35	Rate D
Third Revised Page 36	Superseding Second Revised Page 36	Rate D
Fourth Revised Page 37	Superseding Third Revised Page 37	Rate D
Ninth Revised Page 39	Superseding Eighth Revised Page 39	Rate D
Sixth Revised Page 40	Superseding Fifth Revised Page 40	Rate D-10
Seventh Revised Page 43	Superseding Sixth Revised Page 43	Rate D-10
Third Revised Page 44	Superseding Second Revised Page 44	Rate G-1
Seventh Revised Page 45	Superseding Sixth Revised Page 45	Rate G-1
Third Revised Page 50	Superseding Second Revised Page 50	Rate G-2
Fourth Revised Page 55	Superseding Third Revised Page 55	Rate G-3
Seventh Revised Page 57	Superseding Sixth Revised Page 57	Rate G-3
Third Revised Page 59	Superseding Second Revised Page 59	Rate M
Fourth Revised Page 60	Superseding Third Revised Page 60	Rate M
Fourth Revised Page 66	Superseding Third Revised Page 66	Rate T
Seventh Revised Page 68	Superseding Sixth Revised Page 68	Rate T
Third Revised Page 70	Superseding Second Revised Page 70	Rate V
Seventh Revised Page 72	Superseding Sixth Revised Page 72	Rate V
Fiftieth Revised Page 84	Superseding Forty-ninth Revised Page 84	Summary of Rates

DOMESTIC SERVICE RATE D

AVAILABILITY

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes. If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate.

CHARACTER OF SERVICE

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge

\$4.31 per month

Distribution Energy Charges

Regular Use

1.623 cents per kilowatt-hour for the first 250 kilowatt-hours
4.226 cents per kilowatt-hour for the excess of 250 kilowatt-hours

For customers who received service under the off-peak provisions of the Domestic Service Rate D prior to April 1, 1991, the following rates shall apply:

Off-Peak Use: 16 Hour Control

For all electricity separately metered and delivered during off-peak hours, the price of such electricity shall be:

cents per kilowatt-hour if a Customer has installed an electric water heater of a type approved by the Company, and electricity delivered to such water heater is supplied only under this rate.

Off-peak hours shall be the hours between:

January 1 – March 8
March 9 – April 5
April 6 – October 25
October 26 – November 1
November 2 – December 31

11:00 p.m. and 7:00 a.m. on the next day
12:00 a.m. and 8:00 a.m. on the next day
10:00 p.m. and 6:00 a.m. on the next day

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			Thomas B. King
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^{*}The off-peak hours defined above are applicable during 2008 and reflect the difference between when the customer's meter records off-peak kWh consistent with the pre-2007 Daylight Savings Time schedule and the revised Daylight Savings Time schedule mandated by the federal Energy Policy Act of 2005.

Off-Peak Use: 6 Hour Control

For all electricity separately metered and subject to the Company's right to limit the operation of the bottom water heating element up to 6 hours a day, the price of such electricity shall be:

1.623 cents per kilowatt-hour if a Customer has installed an electric water heater of a type approved by the Company, and electricity delivered to such water heater is supplied only under this rate.

Farm use

The availability of the Farm Use Section is limited to those locations which were served under the Farm Use Section of Domestic Rate D, N.H.P.U.C. No. 8 - Electricity immediately prior to the effective date of this rate. For such farm customers, where all electricity is supplied by the Company, the RATE PER MONTH is modified as follows:

- 2.524 cents per kilowatt-hour for all Regular Use kilowatt-hours in excess of the greater of the following:
- (a) 500 kilowatt-hours
- (b) 100 kilowatt-hours per kilovolt-ampere of transformer capacity needed to serve the Customer

APPROVED TYPES OF WATER HEATERS FOR USE UNDER PROVISIONS OF OFF-PEAK USE CLAUSE OF DOMESTIC RATE D

The specifications for an approved type of water heater for all domestic applications are as follows:

(1) It shall be of standard manufacture and have a capacity and corresponding heating elements as specified below:

Approx.	Rating	Rating
Tank Size	Top Unit	Bottom Unit
<u>Gallons</u>	<u>Watts</u>	<u>Watts</u>
80*	4500	3000
100 to 120	4500	4500
150	5000	5000

^{*}Water heaters of less than 80 gallons with top and bottom heating elements of not more than 4500 watts each may be installed at the Company's option, with the permission of the Regional Executive.

(2) It shall be equipped with a top and bottom heating element, each controlled by a separate thermostatic switch. The thermostatic switch for the top element shall be of a double-throw type so connected as to

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permit operation of only one heating element at a time. The thermostat for the bottom element shall be of single-pole, single-throw type. The top and bottom units shall be designed for nominal 240-volt operation.

- (3) It shall have a pressure rating of not less than 250 pounds-per-square-inch test.
- (4) It shall be equipped as purchased with an approved fuel cut-off type temperature limit switch having its temperature sensitive element in contact with tank surface within 12 inches of top and so connected as to completely disconnect the heating elements from the power supply.
- (5) The thermostats for the top and the bottom heating units shall have a range of temperature settings extending from 120 degrees to 170 degrees Fahrenheit with the bottom element setting maintaining approximately a 10-degree differential above the setting of the top element.
- (6) The water heater and the installation thereof shall conform to the National Electric Code, to any State of local requirements, and to those of the Company.

The Customer shall provide a separate circuit for the water heater, of ample capacity and designed for 240-volt operation, to which no equipment other than the water heater shall be connected. Specific water heating connection diagrams for each type of service and rate application are available from the Company.

INTERRUPTIBLE CREDITS

The Company will provide, own and maintain a suitable switch designed to control the operation of selected appliances so that the appliance may operate only during the hours chosen by the Company.

If the Customer has installed an electric water heater of a type approved by the Company, and permits the Company to control the operation of the water heater for the specified number of hours per day and during emergency situations, the Customer will receive the following credit each month:

	Control hrs./day	<u>Credit</u>
IC-1	6	\$4.80
IC-2	16	\$6.40

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Ninth Revised Page 39 Superseding Eighth Revised Page 39 Rate D

ELECTRIC ASSISTANCE PROGRAM

Eligible customers taking service under this rate will receive a discount as provided on Page 86 of this Tariff of which this rate is a part. Eligibility shall be determined in accordance with the Electric Assistance Program Provision on Page 86 of this Tariff. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$4.31 per month Customer Charge.

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Customer Charge, the kilowatt-hours stated in each block and the Minimum Charge shall be multiplied by two.

TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

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Sixth Revised Page 40 Superseding Fifth Revised Page 40 Rate D-10

DOMESTIC SERVICE RATE D-10 OPTIONAL PEAK LOAD PRICING RATE

AVAILABILITY

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes to selected customers presently served under Rate D.

If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate. The availability of this rate will be subject to the Company's ability to obtain the necessary meters and to render such service.

CHARACTER OF SERVICE

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge

\$7.40 month

Distribution Energy Charges

On-Peak 4.691 cents per kilowatt-hour

Off-Peak 0.000 cents per kilowatt-hour

Peak hours will occur Monday through Friday, excluding holidays, on the following schedule:

January 1 – March 8	8:00 a.m. to 9:00 p.m.
March 9 – April 5	9:00 a.m. to 10:00 p.m.*
April 6 – October 25	8:00 a.m. to 9:00 p.m.
October 26 – November 1	7:00 a.m. to 8:00 p.m.*
November 2 – December 31	8:00 a.m. to 9:00 p.m.

^{*}The Peak hours defined above are applicable during 2008 and reflect the difference between when the customer's meter records on-peak kWh consistent with the pre-2007 Daylight Savings Time schedule and the revised Daylight Savings Time schedule mandated by the federal Energy Policy Act of 2005.

Off-Peak hours will be all other hours Monday through Friday, and all day on Saturdays, Sundays, and holidays.

The holidays will be: New Year's Day, President's Day, Memorial Day, Independence Day, Columbus Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. All holidays will be the nationally observed day.

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Seventh Revised Page 43
Superseding Sixth Revised Page 43
Rate D-10

ELECTRIC ASSISTANCE PROGRAM

Eligible customers taking service under this rate will receive a discount as provided on Page 86 of this Tariff of which this rate is a part. Eligibility shall be determined in accordance with the Electric Assistance Program Provision on Page 86 of this Tariff. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$7.40 per month Customer Charge

TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill.

TERMS OF AGREEMENT

The agreement for service under this rate will continue for an initial term of one year if electricity can be properly delivered to a Customer without an uneconomic expenditure by the Company. The agreement may be terminated at any time on or after the expiration date of the initial term by twelve (12) months prior written notice.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

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GENERAL SERVICE TIME-OF-USE RATE G-1

AVAILABILITY

Retail Delivery Service under this rate is available for all purposes except resale, subject to the provisions of this section. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 200 kW of Demand.

A Customer may be transferred from rate G-1 at its request or at the option of the Company if the customer's 12 month average monthly demand is less than 180 kW of Demand for 3 consecutive months.

If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate. If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

The actual delivery of service and the rendering of bills under this rate is contingent upon the installation of the necessary time-of-use metering equipment by the Company; subject to both the availability of such meters from the Company's supplier and the conversion or installation procedures established by the Company.

All customers served on this rate must elect to take their total electric service under the time-of-use metering installation as approved by the Company. If delivery is through more than one meter, except at the Company's option, the Monthly Charge for service through each meter shall be computed separately under this rate.

CHARACTER OF SERVICE

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts.

All voltages are not available in every area.

RATE PER MONTH

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service Customer Charge

\$91.92 per month.

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Distribution Demand Charge

\$4.02 per kW of Peak Hours Demand per Month

Distribution Energy Charges

Peak Hours Use 0.133 cents per Kilowatt-hour

Off-Peak Hours Use 0.000 cents per Kilowatt-hour

Peak hours will occur daily on Monday through Friday, excluding holidays, on the following schedule:

January 1 – March 8	8:00 a.m. to 9:00 p.m.
March 9 – April 5	9:00 a.m. to 10:00 p.m.*
April 6 – October 25	8:00 a.m. to 9:00 p.m.
October 26 – November 1	7:00 a.m. to 8:00 p.m.*
November 2 – December 31	8:00 a.m. to 9:00 p.m.

^{*}The Peak hours defined above are applicable during 2008 and reflect the difference between when the customer's meter records peak kWh, peak kW, peak kVa and peak kWh consistent with the pre-2007 Daylight Savings Time schedule and the revised Daylight Savings Time schedule mandated by the federal Energy Policy Act of 2005.

Off-Peak hours will be all other hours daily Monday through Friday, and all day on Saturdays, Sundays, and holidays.

The holidays will be: New Year's Day, President's Day, Memorial Day, Independence Day, Columbus Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. All holidays will be the nationally observed day.

TRANSMISSION SERVICE COST ADJUSTMENT

Transmission service is available to all retail Customers taking service under this rate. For those Customers, the Transmission Energy Charge shall be calculated in accordance with the Company's Transmission Service Cost Adjustment Provision as provided on Page 79 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

STRANDED COST ADJUSTMENT

All energy billed under this rate is subject to a Stranded Cost Energy Charge which rate shall be adjusted from time to time in accordance with the Company's Stranded Cost Adjustment Provision as provided on Page 80 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

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GENERAL LONG HOUR SERVICE RATE G-2

AVAILABILITY

Retail Delivery Service under this rate is available for all purposes except resale, subject to the provisions of this section. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 20 kW of Demand but is less than 200 kW of Demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate.

A customer may be transferred from rate G-2 at its request or at the option of the Company if the customer's twelve (12) month average monthly demand is less than 18 kW of demand for three consecutive months.

If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

CHARACTER OF SERVICE

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts.

All voltages are not available in every area.

RATE PER MONTH

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Customer Charge

\$24.61 per month.
<u>Distribution Demand Charge</u>
\$4.44 per kilowatt of Demand per Month
<u>Distribution Energy Charge</u>
0.031 cents per kilowatt-hour

Issued by:	<u>/s/ Thomas B. King</u>	
	Thomas B. King	
Title:	<u>President</u>	
07 dated)	
	Title:	Title: <u>President</u>

GENERAL SERVICE RATE G-3

AVAILABILITY

Retail Delivery Service under this rate is available for all purposes except for resale. A Customer will take delivery service on this rate if the Company estimates that its average use will be less than 20 kW of demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate.

CHARACTER OF SERVICE

Service supplied under this rate will be 60 cycle, alternating current either:

- (a) Single-phase normally three-wire at a nominal voltage of 120/240 volts.
- (b) Three-phase secondary normally at a nominal voltage of 120/208, or 277/480 volts.
- (c) Three-phase primary normally at a nominal voltage of 2400, 4160, 4800, 7200, 13,200 or 13,800 volts.

All voltages are not available in every area.

RATE PER MONTH

The rate per month will be the sum of the Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge

\$5.45 per month.

Distribution Energy Charge

3.041 cents per kilowatt-hour.

Issued:	Issued by:	/s/ Thomas B. King
Effective: July 1, 2008	Title:	Thomas B. King President
(Issued in Compliance with Order No.	in Docket DG 06-107 dated)

Seventh Revised Page 57
Superseding Sixth Revised Page 57
Rate G-3

SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$5.45 per Month Customer Charge

However, if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.61 for each KVA in excess of 25 KVA.

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Customer Charge and the Minimum Charge shall be multiplied by two.

TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill.

TERM OF AGREEMENT

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

Issued:	Issued by:	/s/ Thomas B. King
Effective: July 1, 2008	Title:	Thomas B. King President
(Issued in Compliance with Order No	_ in Docket No. DG 06-107 dated	

OUTDOOR LIGHTING SERVICE RATE M

AVAILABILITY

Public Lighting

Available for Street or Highway lighting to any town, city or fire district.

Installations on limited access highways and the access and egress ramps thereto are subject to the Special Rate Conditions of this tariff.

Private Lighting

Luminaire Charge

Available to private customers for outdoor lighting where necessary fixtures can be supported on existing poles and where such service can be supplied from existing secondary distribution facilities.

In special circumstances outlined in the pole and accessory section below, the Company will install a wooden pole.

RATE

	Lummane Charge			A .
	Size of Street Light Lumens	Wattage	Lamp <u>Code</u>	Annual Distribution Price Per Unit
Sodium	<u>Vapor</u>			
	4,000	50	70	\$50.00
	9,600	100	72	\$60.61
	27,500	250	74	\$106.42
	50,000	400	75	\$138.66
	9,600(Post Top)	100	79	\$69.80
	27,500(Flood)	250	77	\$107.37
	50,000(Flood)	400	78	\$148.22
Incande	escent			
	1,000	103	10	\$66.74

ssued:		Issued by:	/s/ Thomas B. King	
			Thomas B. King	
Effective:	July 1, 2008	Title:	President	
Issued in C	ompliance with Order No.	in Docket DG 06-107 dated)	

Size of Street LightLumens	Lamp <u>Wattage</u>	<u>Code</u>	Annual Distribution Price Per Unit
Mercury Vapor			
4,000	100	03	\$48.31
8,000	175	04	\$58.74
22,000	400	05	\$111.07
63,000	1,000	06	\$210.73
22,000(Flood)	400	23	\$122.84
63,000(Flood)	1,000	24	\$212.11

No further installation or relocation of Incandescent and Mercury Vapor lights will be made after the effective date of this rate, unless specific permission is received from the Commission's Chief Engineer.

POLE AND ACCESSORY CHARGE

An additional annual charge enumerated below will be applied where the Company is requested to furnish a suitable wood pole for the sole purpose of supporting a luminaire. If at a future date the pole is used for any purpose approved by the Company in addition to supporting a street and/or floodlight luminaire, the pole charge will be terminated. This pole may not be more than one (1) span from the existing secondary service located along a roadway or thoroughfare, and must be reachable for mechanized equipment.

Overhead Service	Code	Annual Price Per Unit
Wood Poles	P	\$58.92
Underground Service		
Non-Metallic		
Fiber glass wo/Base	R	\$61.01
Fiber glass w/Base <25 ft.	C	\$103.45
Fiber glass w/Base >=25 ft.	D	\$172.82
Metal Poles wo/Base	F	\$123.36
Metal Poles w/Base	T	\$148.65

Issued:	Issued by:	/s/ Thomas B. King
Effective: July 1, 2008	Title:	Thomas B. King President
• ,		
(Issued in Compliance with Order No	in Docket DG 06-107 dated)

RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Customer Charge

\$5.57 per Month

Distribution Energy Charge

1.987 cents per kilowatt-hour

INTERRUPTIBLE CREDITS

The Company will provide, own and maintain a suitable switch designed to control the operation of selected appliances so that the appliance may operate only during the hours chosen by the Company.

If the Customer has installed an electric water heater of a type approved by the Company, and permits the Company to control the operation of the water heater for the specified number of hours per day and during emergency situations, the Customer will receive the following credit each month:

Control hrs./day		<u>Credit</u>
IC-1	6	\$4.80
IC-2	16	\$6.40

TRANSMISSION SERVICE COST ADJUSTMENT

Transmission service is available to all retail Customers taking service under this rate. For those Customers, the Transmission Energy Charge shall be calculated in accordance with the Company's Transmission Service Cost Adjustment Provision as provided on Page 79 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

Issued:	Issued by:	/s/ Thomas B. King	
Effective: July 1, 2008	Title:	Thomas B. King President	
(Issued in Compliance with Order No in Docket DG 06-1	07 dated		

Seventh Revised Page 68 Superseding Sixth Revised Page 68 Rate T

ELECTRIC ASSISTANCE PROGRAM

Eligible customers taking service under this rate will receive a discount as provided on Page 86 of this Tariff of which this rate is a part. Eligibility shall be determined in accordance with the Electric Assistance Program Provision on Page 86 of this Tariff. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$5.57 per Month Customer Charge

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Minimum Charge shall be multiplied by two.

TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill. However, customers may elect in writing to pay on a Budget Billing Plan available on application to the Company.

Issued:	Issued by:	/s/ Thomas B. King
Effective: July 1, 2008	Title:	Thomas B. King President
(Issued in Compliance with Order No	in Docket No. DG 06-107 dated)

Third Revised Page 70 Superseding Second Revised Page 70 Rate V

LIMITED COMMERCIAL SPACE HEATING RATE V

AVAILABILITY

The availability of this rate is limited to the following customers: 1) those who immediately prior to the effective date of this rate were served under Commercial Space Heating Rate V, N.H.P.U.C. No. 8 - Electricity and are presently receiving service under this rate, and 2) those who requested service under this rate prior to May 1, 1982.

To such customers, delivery service under this Limited Commercial Space Heating Rate V is available for space heating in buildings other than residences, where the Customer's premises are heated exclusively by electricity.

Air conditioning used in addition to electric space heating at this same location may also be served under this rate, provided that electricity is the sole source of energy, and all the requirements for these purposes are metered hereunder.

Electric space heating equipment shall be permanently installed and be of a type and size approved by the Company.

Service under this rate will be metered separately.

Any other use of electricity must be taken under an applicable general service rate.

This rate is not available to seasonal customers, or for resale or auxiliary service.

CHARACTER OF SERVICE

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location, or other voltages where available by special arrangement with the Company.

RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Minimum Charge \$5.82 per Month

<u>Distribution Energy Charge</u> 2.806 cents per kilowatt-hour

Issued:	Issued by:	/s/ Thomas B. King
Effective: July 1, 2008	Title:	Thomas B. King President
(Issued in Compliance with Order N	o in Docket DG 06-107 dated	

Seventh Revised Page 72 Superseding Sixth Revised Page 72 Rate V

SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$5.82 per Month Customer Charge

TERMS OF PAYMENT

The above rate is net, billed monthly and payable upon presentation of the bill. However, customers may elect in writing to pay on a Budget Billing Plan available on application to the Company.

TERM OF AGREEMENT

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Issued: Issued by: /s/ Thomas B. King
Thomas B. King

Effective: July 1, 2008 Title: President

(Issued in Compliance with Order No. 24,777 in Docket No. DG 06-107 dated July 12, 2007)

GRANITE STATE ELECTRIC COMPANY RATES EFFECTIVE JULY 1, 2008 FOR USAGE ON AND AFTER JULY 1, 2008

Rate	Blocks	Distribution Charge (1), (2)	Electricity Consumption Tax	Transmission Charge	Systems Benefits Charge	Stranded Cost Charge	Total Retail Delivery Services
D	Customer Charge	\$4.31					\$4.31
	1st 250 kWh	\$0.01663	\$ 0.00055	\$0.01054	\$0.00300	\$0.00050	\$0.03122
	Excess 250 kWh	\$0.04266	\$0.00055	\$0.01054	\$0.00300	\$0.00050	\$0.05725
	Off Peak kWh	\$0.01592	\$0,00055	\$0.01054	\$0.00300	\$0.00050	\$0.03051
	Farm kWh	\$0.02564	\$0.00055	\$0.01054	\$0.00300	\$0.00050	\$0.04023
	D-6 kWh	\$0.01663	\$0.00055	\$0.01054	\$0.00300	\$0.00050	\$0.03122
D-10	Customer Charge	\$7,40					\$7.40
2.0	On Peak kWh	\$0.04740	\$0.00055	\$0.00871	\$0.00300	\$0.00050	\$0.06016
	Off Peak kWh	\$0.00049	\$0.00055	\$0.00871	\$0.00300	\$0,00050	\$0.01325
G-1	Customer Charge	\$91.92	1				\$ 91.92
	Demand Charge	\$4.02	1				\$ 4.02
	On Peak kWh	\$0.00190	\$0.00055	\$0.00918	\$0.00300	\$0.00050	\$0.01513
	Off Peak kWh	\$0.00057	\$0.00055	\$0.00918	\$0.00300	\$0.00050	\$0.01380
G-2	Customer Charge	\$24.61					\$24.61
	Demand Charge	\$4.44					\$4.44
	All kWh	\$0.00088	\$0.00055	\$0.00986	\$0.00300	\$0.00050	\$ 0.01479
G-3	Customer Charge	\$5.45					\$ 5.45
	All kWh	\$0.03081	\$ 0.00055	\$0.00952	\$0.00300	\$0.00050	\$0.04438
М	All kWh see tariff for luminares &	\$0.00057 c pole charges	\$0.00055	\$0.00809	\$0.00300	\$0.00050	\$0.01271
Т	Customer Charge All kWh	\$5.57 \$0.02037	\$0.00055	\$0.01012	\$0.00300	\$0.00050	\$5.57 \$0.03454
v	Minimum Charge All kWh	\$5.82 \$0.02854	\$0.00055	\$0.01063	\$0.00300	\$0.00013	\$5.82 \$0.04285

(1) Distribution Energy Charges include a Business Profits Tax Surcharge of \$0.00057 per kWh for usage on and after 8/1/01

(2) Distribution Energy	Charges include the following cre	dits per kWh in accordance with page 93 of the tariff for usage on and after 5/1/06
Rate Class	Credit per kWh	
D	(\$0,00017)	

Rate Class	Creant per kwn
D	(\$0.00017)
D-10	(\$0.00008)
G-3	(\$0.00017)
T	(\$0.00007)
V	(\$0.00009)

System Benefits Charge-Energy Efficiency

System Benefits Charge-Statewide Energy Assistance Program

Total System Benefits Charge

\$0.00120

Effective 6/1/02, usage on and after \$0.00120

Effective 10/1/02, usage on and after \$0.00120

System Benefits Charge

\$0.00300

Transmission Cost Adjustment Factor various Stranded Cost Adjustment Factor various Effective 1/107, usage on and after various Effective 1/107, usage on and after Default Service Charge
Residential & Small Commercial (D, D-10, G-3, M, T, V) \$0.11655 Effective 5/1/08, usage on and after

Residential & Small Commercial (D, D-10, G-3, M, T, V)
Medium / Large Commercial & Industrial (G-1, G-2)

Medium / Large Commercial & Industrial (G-1, G-2)

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Effective 5/1/08, usage on and after \$0.12300

Effective 7/1/08, usage on and after \$0.12300

Electricity Consumption Tax \$0.00055 Effective 5/1/01, usage on and after

(Issued in Compliance with Order No. _____ in Docket No. DG 06-107 dated _____

<u>Sixth</u> Revised Page 35 Superseding <u>Fifth</u> Revised Page 35 Rate D

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DOMESTIC SERVICE RATE D

AVAILABILITY

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes. If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate.

CHARACTER OF SERVICE

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge

\$4.31 per month

Distribution Energy Charges

Regular Use

<u>J.623</u> cents per kilowatt-hour for the first 250 kilowatt-hours <u>4.226</u> cents per kilowatt-hour for the excess of 250 kilowatt-hours

For customers who received service under the off-peak provisions of the Domestic Service Rate D prior to April 1, 1991, the following rates shall apply:

Off-Peak Use: 16 Hour Control

For all electricity separately metered and delivered during off-peak hours, the price of such electricity shall be:

2.552 cents per kilowatt-hour if a Customer has installed an electric water heater of a type approved by the Company, and electricity delivered to such water heater is supplied only under this rate.

Off-peak hours shall be the hours between:

January 1 – March 8 11:00 p.m. and 7:00 a.m. on the next day

March 9 – April 5 12:00 a.m. and 8:00 a.m.*

April 6 – October 25 11:00 p.m. and 7:00 a.m. on the next day October 26 – November 1 10:00 p.m. and 6:00 a.m. on the next day*

November 2 – December 31 11:00 p.m. and 7:00 a.m. on the next day

*The off-peak hours defined above are applicable during 2008 and reflect the difference between when the customer's meter records off-peak kWh consistent with the pre-2007 Daylight Savings Time schedule and the revised Daylight Savings Time schedule mandated by the federal Energy Policy Act of 2005.

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N.H.P.U.C. No. 17 - ELECTRICITY GRANITE STATE ELECTRIC COMPANY

Third Revised Page 36 |
Superseding Second Revised Page 36 |
Rate D

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Off-Peak Use: 6 Hour Control

For all electricity separately metered and subject to the Company's right to limit the operation of the bottom water heating element up to 6 hours a day, the price of such electricity shall be:

2.623 cents per kilowatt-hour if a Customer has installed an electric water heater of a type approved by the Company, and electricity delivered to such water heater is supplied only under this rate.

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Farm use

The availability of the Farm Use Section is limited to those locations which were served under the Farm Use Section of Domestic Rate D, N.H.P.U.C. No. 8 - Electricity immediately prior to the effective date of this rate. For such farm customers, where all electricity is supplied by the Company, the RATE PER MONTH is modified as follows:

2.524 cents per kilowatt-hour for all Regular Use kilowatt-hours in excess of the greater of the following:

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- (a) 500 kilowatt-hours
- (b) 100 kilowatt-hours per kilovolt-ampere of transformer capacity needed to serve the Customer

APPROVED TYPES OF WATER HEATERS FOR USE UNDER PROVISIONS OF OFF-PEAK USE CLAUSE OF DOMESTIC RATE D

The specifications for an approved type of water heater for all domestic applications are as follows:

(1) It shall be of standard manufacture and have a capacity and corresponding heating elements as specified below:

Approx.	Rating	Rating
Tank Size	Top Unit	Bottom Unit
<u>Gallons</u>	Watts	<u>Watts</u>
80*	4500	3000
100 to 120	4500	4500
150	5000	5000

^{*}Water heaters of less than 80 gallons with top and bottom heating elements of not more than 4500 watts each may be installed at the Company's option, with the permission of the Regional Executive.

(2) It shall be equipped with a top and bottom heating element, each controlled by a separate thermostatic switch. The thermostatic switch for the top element shall be of a double-throw type so connected as to

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N.H.P.U.C. No. 17 - ELECTRICITY GRANITE STATE ELECTRIC COMPANY

<u>Fourth</u> Revised Page 37 Superseding <u>Third</u> Revised Page 37 Rate D

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permit operation of only one heating element at a time. The thermostat for the bottom element shall be of single-pole, single-throw type. The top and bottom units shall be designed for nominal 240-volt operation.

- (3) It shall have a pressure rating of not less than 250 pounds-per-square-inch test.
- (4) It shall be equipped as purchased with an approved fuel cut-off type temperature limit switch having its temperature sensitive element in contact with tank surface within 12 inches of top and so connected as to completely disconnect the heating elements from the power supply.
- (5) The thermostats for the top and the bottom heating units shall have a range of temperature settings extending from 120 degrees to 170 degrees Fahrenheit with the bottom element setting maintaining approximately a 10-degree differential above the setting of the top element.
- (6) The water heater and the installation thereof shall conform to the National Electric Code, to any State of local requirements, and to those of the Company.

The Customer shall provide a separate circuit for the water heater, of ample capacity and designed for 240-volt operation, to which no equipment other than the water heater shall be connected. Specific water heating connection diagrams for each type of service and rate application are available from the Company.

INTERRUPTIBLE CREDITS

The Company will provide, own and maintain a suitable switch designed to control the operation of selected appliances so that the appliance may operate only during the hours chosen by the Company.

If the Customer has installed an electric water heater of a type approved by the Company, and permits the Company to control the operation of the water heater for the specified number of hours per day and during emergency situations, the Customer will receive the following credit each month:

9	Control hrs./day	<u>Credit</u>	
IC-1	6	\$ 4.80	
IC-2	16	\$6.40	

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Ninth Revised Page 39
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Rate D

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ELECTRIC ASSISTANCE PROGRAM

Eligible customers taking service under this rate will receive a discount as provided on Page 86 of this Tariff of which this rate is a part. Eligibility shall be determined in accordance with the Electric Assistance Program Provision on Page 86 of this Tariff. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$4.31 per month Customer Charge.

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Customer Charge, the kilowatt-hours stated in each block and the Minimum Charge shall be multiplied by two.

TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

l	Issued:	T	Issued by:	/s/ Thomas B. King	
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DOMESTIC SERVICE RATE D-10 OPTIONAL PEAK LOAD PRICING RATE

AVAILABILITY

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes to selected customers presently served under Rate D.

If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate. The availability of this rate will be subject to the Company's ability to obtain the necessary meters and to render such service.

CHARACTER OF SERVICE

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge

\$<u>7.40</u> month

Distribution Energy Charges

On-Peak 4.691 cents per kilowatt-hour

Off-Peak 0.000 cents per kilowatt-hour

Peak hours will occur Monday through Friday, excluding holidays, on the following schedule:

 January 1 – March 8
 8:00 a.m. to 9:00 p.m.

 March 9 – April 5
 9:00 a.m. to 10:00 p.m.*

 April 6 – October 25
 8:00 a.m. to 9:00 p.m.

 October 26 – November 1
 7:00 a.m. to 8:00 p.m.*

 November 2 – December 31
 8:00 a.m. to 9:00 p.m.

Off-Peak hours will be all other hours Monday through Friday, and all day on Saturdays, Sundays, and holidays.

The holidays will be: New Year's Day, President's Day, Memorial Day, Independence Day, Columbus Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. All holidays will be the nationally observed day.

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^{*}The Peak hours defined above are applicable during 2008 and reflect the difference between when the customer's meter records on-peak kWh consistent with the pre-2007 Daylight Savings Time schedule and the revised Daylight Savings Time schedule mandated by the federal Energy Policy Act of 2005.

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N.H.P.U.C. No. 17 - ELECTRICITY	
GRANITE STATE ELECTRIC COMPANY	Y

<u>Seventh</u> Revised Page 43 Superseding <u>Sixth</u> Revised Page 43 Rate D-10

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ELECTRIC ASSISTANCE PROGRAM

Eligible customers taking service under this rate will receive a discount as provided on Page 86 of this Tariff of which this rate is a part. Eligibility shall be determined in accordance with the Electric Assistance Program Provision on Page 86 of this Tariff. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$7.40 per month Customer Charge

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TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill.

TERMS OF AGREEMENT

The agreement for service under this rate will continue for an initial term of one year if electricity can be properly delivered to a Customer without an uneconomic expenditure by the Company. The agreement may be terminated at any time on or after the expiration date of the initial term by twelve (12) months prior written notice.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Effective: July 1, 2008 Title: President	Issued:	•	Issued by:	/s/ Thomas B. King
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GENERAL SERVICE TIME-OF-USE RATE G-1

AVAILABILITY

Retail Delivery Service under this rate is available for all purposes except resale, subject to the provisions of this section. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 200 kW of Demand.

A Customer may be transferred from rate G-1 at its request or at the option of the Company if the customer's 12 month average monthly demand is less than 180 kW of Demand for 3 consecutive months.

If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate. If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

The actual delivery of service and the rendering of bills under this rate is contingent upon the installation of the necessary time-of-use metering equipment by the Company; subject to both the availability of such meters from the Company's supplier and the conversion or installation procedures established by the Company.

All customers served on this rate must elect to take their total electric service under the time-of-use metering installation as approved by the Company. If delivery is through more than one meter, except at the Company's option, the Monthly Charge for service through each meter shall be computed separately under this rate.

CHARACTER OF SERVICE

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts.

All voltages are not available in every area.

RATE PER MONTH

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Customer Charge \$91.92 per month.

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N.H.P.U.C. No. 17 - ELECTRICITY GRANITE STATE ELECTRIC COMPANY

<u>Seventh</u> Revised Page 45 Superseding <u>Sixth</u> Revised Page 45 Rate G-1

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Distribution Demand Charge

\$4.02 per kW of Peak Hours Demand per Month

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Distribution Energy Charges

Peak Hours Use <u>0.133</u> cents per Kilowatt-hour

Off-Peak Hours Use 0.000 cents per Kilowatt-hour

Peak hours will occur daily on Monday through Friday, excluding holidays, on the following schedule:

 January 1 – March 8
 8:00 a.m. to 9:00 p.m.

 March 9 – April 5
 9:00 a.m. to 10:00 p.m.*

 April 6 – October 25
 8:00 a.m. to 9:00 p.m.

 October 26 – November 1
 7:00 a.m. to 8:00 p.m.*

 November 2 – December 31
 8:00 a.m. to 9:00 p.m.

Off-Peak hours will be all other hours daily Monday through Friday, and all day on Saturdays, Sundays, and holidays.

The holidays will be: New Year's Day, President's Day, Memorial Day, Independence Day, Columbus Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. All holidays will be the nationally observed day.

TRANSMISSION SERVICE COST ADJUSTMENT

Transmission service is available to all retail Customers taking service under this rate. For those Customers, the Transmission Energy Charge shall be calculated in accordance with the Company's Transmission Service Cost Adjustment Provision as provided on Page 79 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

STRANDED COST ADJUSTMENT

All energy billed under this rate is subject to a Stranded Cost Energy Charge which rate shall be adjusted from time to time in accordance with the Company's Stranded Cost Adjustment Provision as provided on Page 80 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

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^{*}The Peak hours defined above are applicable during 2008 and reflect the difference between when the customer's meter records peak kWh, peak kW, peak kVa and peak kWh consistent with the pre-2007 Daylight Savings Time schedule and the revised Daylight Savings Time schedule mandated by the federal Energy Policy Act of 2005.

<u>Third</u> Revised Page 50 Superseding <u>Second</u> Revised Page 50 Rate G-2

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GENERAL LONG HOUR SERVICE RATE G-2

AVAILABILITY

Retail Delivery Service under this rate is available for all purposes except resale, subject to the provisions of this section. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 20 kW of Demand but is less than 200 kW of Demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate.

A customer may be transferred from rate G-2 at its request or at the option of the Company if the customer's twelve (12) month average monthly demand is less than 18 kW of demand for three consecutive months.

If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

CHARACTER OF SERVICE

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts.

All voltages are not available in every area.

RATE PER MONTH

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

0.031 cents per kilowatt-hour

<u>Customer Charge</u>	
\$2 <u>4.61</u> per month.	Deleted: 24.43
Distribution Demand Charge	
\$4.44 per kilowatt of Demand per Month	Deleted: 4.41
Distribution Energy Charge	

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Rate G-3

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GENERAL SERVICE RATE G-3

AVAILABILITY

Retail Delivery Service under this rate is available for all purposes except for resale. A Customer will take delivery service on this rate if the Company estimates that its average use will be less than 20 kW of demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate.

CHARACTER OF SERVICE

Service supplied under this rate will be 60 cycle, alternating current either:

- (a) Single-phase normally three-wire at a nominal voltage of 120/240 volts.
- (b) Three-phase secondary normally at a nominal voltage of 120/208, or 277/480 volts.
- (c) Three-phase primary normally at a nominal voltage of 2400, 4160, 4800, 7200, 13,200 or 13,800 volts.

All voltages are not available in every area.

RATE PER MONTH

The rate per month will be the sum of the Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

<u>C</u>	Customer Charge	
\$	<u>5.45</u> per month.	 Deleted: 5.41
Ξ	Distribution Energy Charge	
_3	2.041 cents per kilowatt-hour.	Deleted: 3.019

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<u>Seventh</u> Revised Page 57 Superseding <u>Sixth</u> Revised Page 57 Rate G-3

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SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$5.45 per Month Customer Charge

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However, if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.61 for each KVA in excess of 25 KVA.

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BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Customer Charge and the Minimum Charge shall be multiplied by two.

TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill.

TERM OF AGREEMENT

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

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OUTDOOR LIGHTING SERVICE RATE M

AVAILABILITY

Public Lighting

Available for Street or Highway lighting to any town, city or fire district.

Installations on limited access highways and the access and egress ramps thereto are subject to the Special Rate Conditions of this tariff.

Private Lighting

Available to private customers for outdoor lighting where necessary fixtures can be supported on existing poles and where such service can be supplied from existing secondary distribution facilities.

In special circumstances outlined in the pole and accessory section below, the Company will install a wooden pole.

RATE

	Size of Street Light Lumens	Wattage	Lamp Code	Annual Distribution Price Per Unit
Sodium		<u> </u>	<u>0000</u>	<u> 11100 I OI OINC</u>
	4,000 9,600 27,500 50,000	50 100 250 400	70 72 74 75	\$50.00 \$60.61 \$106.42
	9,600(Post Top) 27,500(Flood) 50,000(Flood)	100 250 400	73 79 77 78	\$ <u>138.66</u> \$ <u>69.80</u> \$ <u>107.37</u> \$ <u>148.22</u>
Incande	scent			
	1,000	103	10	\$ 66.74

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N.H.P.U.C. No. 17 - ELECTRICITY GRANITE STATE ELECTRIC COMPANY

Fourth Revised Page 60 Superseding Third Revised Page 60

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Size of Street Light <u>Lumens</u>	Lamp <u>Wattage</u>	<u>Code</u>	Distribution Price Per Unit	
Mercury Vapor				
4,000	100	03	\$ 48.31	Deleted: 47.95
8,000	175	04	\$ 58.74	Deleted: 58.30
22,000	400	05	\$111.07	
63,000	1,000	06	\$210.73	Deleted: 110.24
22,000(Flood)	400	23	\$122.84	Deleted: 209.15
63,000(Flood)	1,000	24	\$212.11	Deleted: 121.92
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No further installation or relocation of Incandescent and Mercury Vapor lights will be made after the effective date of this rate, unless specific permission is received from the Commission's Chief Engineer.

Annual

POLE AND ACCESSORY CHARGE

An additional annual charge enumerated below will be applied where the Company is requested to furnish a suitable wood pole for the sole purpose of supporting a luminaire. If at a future date the pole is used for any purpose approved by the Company in addition to supporting a street and/or floodlight luminaire, the pole charge will be terminated. This pole may not be more than one (1) span from the existing secondary service located along a roadway or thoroughfare, and must be reachable for mechanized equipment.

Code	Annual Price Per Unit
P	\$ <u>58.92</u>
R	\$ <u>61.01</u>
С	\$ 103.45
D	\$172.82
F	\$123.36
T	\$148.65
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RATE PER MONTH

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Customer Charge

\$5.57 per Month

Distribution Energy Charge

1.987 cents per kilowatt-hour

INTERRUPTIBLE CREDITS

The Company will provide, own and maintain a suitable switch designed to control the operation of selected appliances so that the appliance may operate only during the hours chosen by the Company.

If the Customer has installed an electric water heater of a type approved by the Company, and permits the Company to control the operation of the water heater for the specified number of hours per day and during emergency situations, the Customer will receive the following credit each month:

	Control hrs./day	
IC-1	6	\$ 4.80
IC-2	16	\$6.40

TRANSMISSION SERVICE COST ADJUSTMENT

Transmission service is available to all retail Customers taking service under this rate. For those Customers, the Transmission Energy Charge shall be calculated in accordance with the Company's Transmission Service Cost Adjustment Provision as provided on Page 79 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

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ELECTRIC ASSISTANCE PROGRAM

Eligible customers taking service under this rate will receive a discount as provided on Page 86 of this Tariff of which this rate is a part. Eligibility shall be determined in accordance with the Electric Assistance Program Provision on Page 86 of this Tariff. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$5.57 per Month Customer Charge

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Minimum Charge shall be multiplied by two.

TERMS OF PAYMENT

The above rate is net, billed monthly or bimonthly and payable upon presentation of the bill. However, customers may elect in writing to pay on a Budget Billing Plan available on application to the Company.

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LIMITED COMMERCIAL SPACE HEATING RATE V

AVAILABILITY

The availability of this rate is limited to the following customers: 1) those who immediately prior to the effective date of this rate were served under Commercial Space Heating Rate V, N.H.P.U.C. No. 8 - Electricity and are presently receiving service under this rate, and 2) those who requested service under this rate prior to May 1, 1982.

To such customers, delivery service under this Limited Commercial Space Heating Rate V is available for space heating in buildings other than residences, where the Customer's premises are heated exclusively by electricity.

Air conditioning used in addition to electric space heating at this same location may also be served under this rate, provided that electricity is the sole source of energy, and all the requirements for these purposes are metered hereunder.

Electric space heating equipment shall be permanently installed and be of a type and size approved by the Company.

Service under this rate will be metered separately.

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Any other use of electricity must be taken under an applicable general service rate.

This rate is not available to seasonal customers, or for resale or auxiliary service.

CHARACTER OF SERVICE

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location, or other voltages where available by special arrangement with the Company.

RATE	PER MONTH				
tariff.	The rate per month will be the sum of the applicable Customer	and Energy (Charges subject to the adjustments in this		
Rates fo	or Retail Delivery Service				
	Minimum Charge \$5.82 per Month			1	Deleted: 5.78
	<u>Distribution Energy Charge</u> 2.806 cents per kilowatt-hour			1	Deleted: 2.785
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SYSTEM BENEFITS CHARGE ADJUSTMENT PROVISION

Customers taking service under this rate will be charged a System Benefits Charge as provided on Page 77 of the Tariff of which this rate is a part. A summary of energy charges in effect, with all adjustments, is provided on Page 84 of this Tariff.

MINIMUM CHARGE

\$5.82 per Month Customer Charge

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TERMS OF PAYMENT ·

The above rate is net, billed monthly and payable upon presentation of the bill. However, customers may elect in writing to pay on a Budget Billing Plan available on application to the Company.

TERM OF AGREEMENT

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

(Issued in Compliance with Order No. 24,777 in Docket No. DG 06-107 dated July 12, 2007)

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