National Grid

Narragansett Electric Company

INVESTIGATION AS TO THE PROPRIETY OF COMPLIANCE TARIFF CHANGES

Amended Compliance Filing

Attachment 1:
Book 1 of 2

February 26, 2010

Submitted to:
Rhode Island Public Utilities Commission
Docket No. R.I.P.U.C. 4065

Submitted by:

nationalgrid

Schedules of
Robert L. O’Brien

Index of Schedules

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Schedule NG-RLO-1 (C)
Amended

Schedule NG-RLO-1 (C) - Amended

Summary of Revenue Requirement

The Narragansett Electric Company d/b/a National Grid
Summary of Revenue Requirement
Rate Year Ended December 31, 2010

Line No.	Description	Adjusted Pro Forma Rate Year 2010	Revenue Increase Effect	Adjusted Pro Forma Rate Year 2010 With Revenue Increase
		(a)	(b)	(c)
1	Operating Revenues:			
2				
3	Distribution Revenue	$ 215,542,992	$ 16,409,282	$ 231,952,274
4				
5	Commodity Costs Tracker		6,059,653	6,059,653
6				
7	Transmission - Related Uncollectibles		1,057,885	1,057,885
8				
9	**Distribution Charges Revenue Requirement**	215,542,992	23,526,820	239,069,812
10				
11	Other Revenue	7,679,155		7,679,155
12				
13	**Total Distribution Revenue Requirement**	$ 223,222,147	$ 23,526,820	$ 246,748,967
14				
15				
16	**Net Operating Income**	$ 29,096,899	$ 10,565,772	$ 39,662,671
17				
18				
19	Rate Base	$ 550,870,432		$ 550,870,432
20				
21				
22	Earned Rate of Return	5.28%		7.20%

Line Notes

3	Column (a) = Schedule NG-RLO-2 (C), page 1, line 2, column (f); Column (b) = Schedule NG-RLO-2 (C), page 1, line 2, column (g); Column (c) = Schedule NG-RLO-2 (C), page 1, line 2, column (h)
5	Schedule NG-RLO-2 (C), page 1, line 3, column (g)
7	Schedule NG-RLO-2 (C), page 1, line 4, column (g)
9	Line 3 + Line 5 + Line 7
11	Schedule NG-RLO-2 (C), page 1, line 5, column (f)
13	Line 9 + Line 11
16	Column (a) = Schedule NG-RLO-2 (C), page 1, line 41, column (f); Column (b) = Schedule NG-RLO-2 (C), page 1, line 41, column (g); Column (c) = Schedule NG-RLO-2 (C), page 1, line 41, column (h)
19	Schedule NG-RLO-2 (C), page 1, line 43, column (f)
22	Line 16 ÷ Line 19

Schedule NG-RLO-2 (C)
Amended

Schedule NG-RLO-2 (C) - Amended

Schedules Supporting the Revenue Requirement

The Narragansett Electric Company, d/b/a National Grid
Schedule List
Revenue Requirement For The Twelve Months Ended December 31, 2010

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The Narragansett Electric Company, d/b/a National Grid
Pro-Forma Income Statement
Revenue Requirement For The Twelve Months Ended December 31, 2010

Line No.	Description	Factor or Reference	Total Company Per Books 12/31/2008	Known & Measurable Adjustments 1/	Integrated Facilities Agreement 1/	Adjusted Per Books 12/31/2008	Pro Forma Adjustments	Adjusted Pro Forma	Rate Increase Effect	Adjusted Pro Forma with Rate Increase
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Operating Revenues:									
2	Distribution Revenue		$ 219,646,991	-	-	$ 219,646,991	$ (4,103,999)	$ 215,542,992	$ 16,409,282	$ 231,952,274
3	Commodity Cost Tracker		-	-	-	-	-	-	6,059,653	6,059,653
4	Transmission-Related Uncollectibles		-	-	-	-	-	-	1,057,885	1,057,885
5	Other Revenue		7,353,188	-	-	7,353,188	325,967	7,679,155	-	7,679,155
6	Total Operating Revenue	Sum L 2 to L 5	227,000,179	-	-	227,000,179	(3,778,032)	223,222,147	23,526,820	246,748,967
7										
8	Less: Commodity Cost Tracker							-	(6,059,653)	(6,059,653)
9	Less: Transmission-Related Uncollectbiles							-	(1,057,885)	(1,057,885)
10	Net Distribution Revenue	Sum L 6 to L 9	$ 227,000,179	$ -	$ -	$ 227,000,179	$ (3,778,032)	$ 223,222,147	$ 16,409,282	$ 239,631,429
11										
12	Operating Expenses:									
13	Purchased Power		$ 778,825,294	$ (778,787,347)	$ -	$ 37,947	$ -	$ 37,947	$ -	$ 37,947
14	Transmission O&M - Wheeling Costs - NEP		89,399,588	(89,399,588)	-	-	-	-		-
15	Transmission O&M - Integrated Facilities Agreement		(34,574,785)	-	34,574,785	-	-	-		-
16	Energy Efficiency O&M		14,286,213	(14,286,213)	-	-	-	-		-
17	Other Operation & Maintenance Expenses		121,343,323	632,356	(2,933,322)	119,042,357	(2,474,772)	116,567,585		116,567,585
18	Uncollectible Expense		12,748,167	(10,190,141)	-	2,558,026	(38,930)	2,519,096	154,247	2,673,344
19	Uncollectible Expense - Transmission		-	1,175,222	-	1,175,222	(117,337)	1,057,885		1,057,885
20	Commodity Cost Tracker		-	8,631,242	-	8,631,242	(2,571,589)	6,059,653		6,059,653
21	Donations		-	548,593	-	548,593	-	548,593		548,593
22	Pension and OPEB cost Recovery (R.I.P.U.C. Dkt No. 3617)		2,511,132	-	-	2,511,132	-	2,511,132		2,511,132
23	Environmental Response Fund		3,078,000	-	-	3,078,000	-	3,078,000		3,078,000
24	Merger Related Cost to Achieve		3,631,835	(3,631,835)	-	-	924,000	924,000		924,000
25	Depreciation		44,263,078	-	(5,079,304)	39,183,774	1,594,351	40,778,125		40,778,125
26	Municipal Tax		21,964,503	-	(4,005,081)	17,959,422	1,246,429	19,205,851		19,205,851
27	Payroll Tax		3,515,111	(9,100)	(167,087)	3,338,924	281,735	3,620,659		3,620,659
28	Other Taxes		274,629	-	-	274,629	-	274,629		274,629
29	Remove Commodity Cost Tracker		-	-	-	-	(6,059,653)	(6,059,653)		(6,059,653)
30	Remove Uncollectible Expense - Transmission		-	-	-	-	(1,057,885)	(1,057,885)		(1,057,885)
31	Gross Receipts Tax (GRT)		43,330,773	(43,330,773)	-	-	-	-		-
32	Amortization of Investment Tax Credit		(591,556)	487,749	103,807	-	-	-		-
33	Amortization of Loss on Reacquired Debt		831,808	-	(145,589)	686,219	-	686,219		686,219
34	Interest on Customer Deposits		75,229	-	-	75,229	-	75,229		75,229
35	Estimated NGRID/KeySpan Transaction Synergies		-	-	-	-	(6,200,000)	(6,200,000)		(6,200,000)
36	Company Share of Net Synergies		-	-	-	-	3,250,000	3,250,000		3,250,000
37	Federal & Deferred Income Tax		-	-	-	3,648,612 2/	2,599,571	6,248,183 2/	5,689,262	11,937,446
38										
39	Total Operating Expenses	Sum L 13 to L 37				$ 202,749,328	$ (8,624,080)	$ 194,125,248	$ 5,843,509	$ 199,968,757
40										
41	Net Operating Income	L 10 - L 39				$ 24,250,850	$ 4,846,048	$ 29,096,899	$ 10,565,772	$ 39,662,671
42										
43	Rate Year Rate Base	Page 30, L 22 , C (c)				$ 550,261,313	$ 609,119	$ 550,870,432		$ 550,870,432
44										
45	Earned Return for Rate Year	L 41 / L 43				4.41%		5.28%		
46	Rate Year Required Rate of Return	Page 39, L 9, C (c)						7.20%		7.20%
47	Rate of Return Deficiency	L 46 - L 45						1.92%		
48										
49	Net Operating Income Deficiency	L 43 * L 47						$ 10,565,772		
50										
51	Gross Revenue Conversion Factor							1.55306031		
52										
53	Revenue Increase Required	L 49 * L 51						$ 16,409,282		
54										

55 1/ Known and Measurable Operating Expense Adjustments and Integrated Facilites Expense Adjustments (IFA) from Page 2 and 3.

56 2/ Calculated based on pre-tax operating income less imputed interest deduction equal to imputed long-term and short-term capitalization ratios and costs as applied to Test Year rate base. Also includes flow-through of the Medicare Reimbursement Act deduction, an addition for an unfunded DIT catch-up and a tax credit for amortization of ITC.

The Narragansett Electric Company, d/b/a National Grid
Adjusted Test Year Income Statement
Known and Measurable Adjustments to Test Year Operating Expenses

Line No.	Description	Total Company Per Books 12/31/2008	Known & Measurable Adjustments	Integrated Facilities Agreement	Adjusted Per Books 12/31/2008
		(a)	(b)	(c)	(d)
1	**a. Purchase Power Expense**				
2	Elimination of Purchase Power Expense recovered through Standard Offer Service	$ 778,825,294	$ (778,787,347)	$ -	$ 37,947
3					
4	**b. Transmission O&M Expense**				
5	Elimination of the amount billed from NEP and recovered through Transmission Rate	$ 89,399,588	$ (89,399,588)	$ -	$ -
6	Elimination of the reimbursement from NEP related to the IFA	(38,882,752)	-	38,882,752	-
7	Elimination of Transmission O&M Expenses billed to NEP related to the IFA	4,307,967	-	(4,307,967)	-
8	Total Adjusted Transmission Expenses	$ 54,824,803	$ (89,399,588)	$ 34,574,785	$ -
9					
10	**c. Energy Efficiency O&M Expense**				
11	Elimination of Energy Efficiency Expenses recorded in the Test Year	$ 14,286,213	$ (14,286,213)	$ -	$ -
12					
13	**d. Merger-Related Costs to Achieve (CTA)**				
14	Elimination of Merger-Related Costs to Achieve	$ 3,631,835	$ (3,631,835)	$ -	$ -
15					
16	**e. Other Operation and Maintenance (O&M) Expense**				
17	Other O&M	$ 115,366,990	$ -	$ -	$ 115,366,990
18	Elimination of November 3, 2007 storm costs and deferrals recorded in the Test Year	(328,937)	328,937	-	-
19	Elimination of Other O&M Expenses billed to NEP related to the IFA	2,933,322	-	(2,933,322)	-
20	Adjustment to Regulatory Commission Expense to reflect the actual 2008 Assessment	2,700,000	975,367	-	3,675,367
21	Elimination of one-time General Advertising Costs not eliminated through CTA or IFA	244,095	(244,095)	-	-
22	Reclass of Ice Storm-Related Costs recorded in January 2009	226,068	(226,068)	-	-
23	Reclass of Commodity Procurement Administrative Costs	201,785	(201,785)	-	-
24	Other O&M Expense Subject to Inflation Factor	$ 121,343,323	$ 632,356	$ (2,933,322)	$ 119,042,357
25					
26	**f. Other O&M not Subject to Inflation**				
27	Uncollectible Expense	$ 12,748,167	$ -	$ -	$ -
28	Uncollectible Expense - Adjustment	-	(1,905,263)	-	-
29	Uncollectible Expense - Commodity	-	(7,109,656)	-	-
30	Uncollectible Expense - Transmission	-	(1,175,222)	-	2,558,026
31	Donations (Move Above the Line)	-	548,593	-	548,593
32	Recovery of Pension and OPEB costs over 10 years per R.I.P.U.C. Docket No. 3617	2,511,132	-	-	2,511,132
33	Environmental Response Fund Expenses associated with revenue collection from customers	3,078,000	-	-	3,078,000
34	Other O&M not subject to Inflation	$ 18,337,299	$ (9,641,548)	$ -	$ 8,695,751
35					
36	**Total O&M**	$ 212,423,474	$ (116,326,828)	$ 31,641,463	$ 127,738,109
37					
38	**g. Standard Offer Service Cost Adjustment**				
39	Reclass of Net Write-offs for Commodity Revenue	$ -	$ 7,109,656	$ -	$ 7,109,656
40	Reclass of Commodity Procurement Administrative Costs	-	201,785	-	201,785
41	Revenue Requirement for Commodity Cash Working Capita	-	1,319,801	-	1,319,801
42	Total Standard Offer Service Cost Adjustment	$ -	$ 8,631,242	$ -	$ 8,631,242
43					
44	**h. Transmission-Related Uncollectibles**				
45	Reclass of Net Write-offs for Transmission Revenue	$ -	$ 1,175,222	$ -	$ 1,175,222
46					
47					
48	**i. Gross Receipt Tax**				
49	Adjustment to Eliminate Gross Receipt Tax Expense Recorded in Test Year	$ 43,330,773	$ (43,330,773)	$ -	$ -
50					
51					
52	**j. Amortization of Investment Tax Credit - Non-IFA portion**				
53	Adjustment to Remove Operating Expense portion of the ITC	$ (591,556)	$ 487,749	$ -	$ (103,807)

The Narragansett Electric Company, d/b/a National Grid
Adjusted Test Year Income Statement
Known and Measurable Adjustments - Integrated Facilities Agreement - Other Expenses

Line No.	Description	Total Company Per Books 12/31/08	Known & Measurable Adjustments	Integrated Facilities Agreement Adjustment	Adjusted Per Books 12/31/08
		(a)	(b)	(c)	(d)
1	**a. Depreciation**				
2					
3	Remove Depreciation Expense	$ 44,263,078	$ -	$ (5,079,304)	$ 39,183,774
4					
5					
6	**b. Municipal Tax**				
7					
8	Remove Municipal Tax Expense	$ 21,964,503	$ -	$ (4,005,081)	$ 17,959,422
9					
10					
11	**c. Payroll Tax**				
12					
13	Remove Payroll Taxes	$ 3,515,111	$ (9,100)	$ (167,087)	$ 3,338,924
14					
15					
16	**d. Amortization of Investment Tax Credit**				
17					
18	Remove Amortization of Investment Tax Credit	$ (591,556)	$ -	$ 103,807	$ (487,749)
19					
20					
21	**e. Amortization of Loss on Reacquired Debt**				
22					
23	Remove Amortization of Loss on Reacquired Debt	$ 831,808	$ -	$ (145,589)	$ 686,219

Column Notes:

(b) Workpaper NG-RLO-8
(c) IFA Workpaper NG-RLO-2, Page 1
(d) Sum of Columns (a) through (c)

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Pro Forma Operating Expense Adjustments

Line No.	Description	Amount (a)	Amount (b)	Reference Page (c)
1	**a. Operations and Maintenance Expense Adjustments**			
2				
3	Salary and Wage Expense Adjustment	$ 1,888,128		5
4				
5	Medical and Dental Expense Adjustment	713,244		8
6				
7	Group Insurance Expense Adjustment	48,661		9
8				
9	Pension Expense Adjustment	4,470,254		10
10				
11	FAS 106 Expense Adjustment	1,070,902		11
12				
13	Employee Thrift Plan - Company Match Expense Adjustment	144,870		12
14				
15	Information Services (IS) Leasing Expense Adjustment	(582,781)		13
16				
17	Facilities Capital Improvements Rent Expense Adjustment	510,602		14
18				
19	Contracted Union Minimum Staffing Adjustment	-		15
20				
21	Customer Assistance Advocates Adjustment	-		16
22				
23	Postage Expense Adjustment	73,270		17
24				
25	Rate Case Expense Adjustment	394,274		18
26				
27	Inflation Adjustment	497,022		19
28				
29	Seasonal Employees Adjustment	355,799		20
30				
31	Uncollectibles Mitigation Plan Adjustment	-		21
32				
33	Economic Development Plan Adjustment	-		22
34				
35	Vegetation Management Adjustment	(1,742,803)		23
36				
37	Inspection and Maintenance Program Adjustment	(1,113,867)		24
38				
39	ISO Load Response Credit	(300,000)		Division Rebuttal
40				
41	Storm Damage Expense	(522,562)		Company Rebuttal
42				
43	Suspend Storm Fund Contributions	(1,041,000)		R.I.P.U.C. Open Meeting
44				
45	Storm Damage Expense	(1,395,000)		R.I.P.U.C. Open Meeting
46				
47	Injuries & Damages	(2,250,000)		R.I.P.U.C. Open Meeting
48				
49	Outside Legal Fees	(593,785)		R.I.P.U.C. Open Meeting
50				
51	Transformation Expenses	(800,000)		R.I.P.U.C. Open Meeting
52				
53	GIS Costs	(2,300,000)		R.I.P.U.C. Open Meeting
54				
55	Total Other O&M Expense Adjustments		$ (2,474,772)	
56				
57				
58	**b. Uncollectible Expenses**		$ (38,930)	25
59				
60	**c. Adjustment for Net Synergy Cost of Service Allowance**			
61				
62	National Grid/KeySpan Transaction Total Estimated Synergies		$ (6,200,000)	RLO-3 (C), Page 1
63				
64	National Grid/KeySpan Transaction CTA Amortization		$ 924,000	RLO-3 (C), Page 1
65				
66	National Grid/KeySpan Transaction Total Estimated Synergies		$ 3,250,000	RLO-3 (C), Page 1

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Rate Year Salary and Wage Expenses

Line No.	Description	Rate	Rate	Union	Non-Union	Rate Year Calculation	Test Year Rate Year and Adjustment
		(a)	(b)	(c)	(d)	(e)	(f)
1	Test Year Total Base Wages			$ 22,166,694	$ 8,206,454		$ 30,373,148
2	Test Year DSM Base Wages			942	382,889		383,831
3	Test Year Capitalized Wages			8,738,507	4,190,681		12,929,188
4	Test Year O&M Wages			13,427,245	3,632,884		17,060,129
5	O&M Portion			60.57%	44.27%		56.17%
6							
7	Test Year O&M Non-Executive Variable Pay	45.96%	54.04%	310,359	364,921		675,280
8	Test Year O&M Overtime Wages (excluding DSM)			3,507,394	595,714		4,103,108
9	Total Test Year - Narragansett Electric O&M Wages			$ 17,244,999	$ 4,593,519		$ 21,838,518
10							
11	Annualized Base Wages - Employees and Rates at 1/01/09			$ 24,209,261	$ 8,308,057	$ 32,517,318	
12	DSM Base Wages	0.004%	4.666%	(1,029)	(387,629)	(388,658)	
13	Steady State Wages at 1/01/09			24,208,232	7,920,428	32,128,660	
14							
15	Union Wage Increase Effective 5/12/09 through 5/11/10 (12 months)	3.00%	100.00%	726,247		726,247	
16	Non-Union Wage Increase Effective 7/1/09 through 6/30/10 (12 months)	1.50%	100.00%		118,806	118,806	
17							
18	Subtotal			24,934,479	8,039,234	32,973,713	
19							
20	Union Wage Increase Effective 5/12/10 through 12/31/10 (7.7 months)	3.00%	64.10%	479,490		479,490	
21	Non-Union Wage Increase Effective 7/1/10 through 12/31/10 (6 months)	3.00%	50.00%		120,589	120,589	
22	Rate Year Total Base Wages			25,413,969	8,159,822	33,573,792	
23							
24	Rate Year O&M Base Wages			15,393,241	3,612,353	19,005,595	
25							
26	Test Year O&M Non-Executive Variable Pay			310,359	364,921	675,280	
27	Adjustment to Increase Non-Executive Variable Pay for Rate Year	4.98%	3.02%	15,458	11,030	26,488	
28	Test Year O&M Overtime Wages			3,507,394	595,714	4,103,108	
29	Adjustment to Increase Overtime Wages for Rate Year	4.98%	3.02%	174,692	18,005	192,698	
30							
31	Rate Year Total O&M Wages			$ 19,401,145	$ 4,602,024	$ 24,003,168	$ 24,003,168
32							
33	Narragansett Electric Wage Adjustment						$ 2,164,651
34							
35	National Grid - Service Company Wage Adjustment						1,049,310
36	National Grid - KeySpan Service Company Wage Adjustment						78,881
37							
38	Total Rate Year Wage Adjustment before Allocation to IFA						3,292,842
39							
40	Less Amount Applicable to IFA						(200,714)
41							
42	Total Distribution Rate Year Wage Adjustment						$ 3,092,128
43							
44	Adjustment to Remove 50% of Variable Pay per R.I.P.U.C. 2/9/10 Open Meeting						(1,204,000)
45							
46	Adjusted Distribution Rate Year Wage Adjustment						$ 1,888,128

Line Notes

1 to 9	Actual 12 months ended December 31, 2008 per Company financials; Workpaper NG-RLO-11, Pages 1 through 5
5	Line 4 / Line 1
11	Workpaper NG-RLO-11, Page 6
12	DSM Wages based on ratio of line 2 to line 1
13	Sum of Lines 11 through 12
15 & 16	Line 13 x Column (a) x Column (b), Line 15 or Line 16, respectively; Column (a) = % rate increase; Column (b) = % of year effective
18	Sum of Lines 13 through 16
20 & 21	Line 18 x Column (a) x Column (b), Line 20 or Line 21, respectively; Column (a) = % rate increase; Column (b) = % of year effective
22	Sum of Lines 18 through 21
24	Line 5 x Line 22
26	Line 7
27	Column (a) = {[1+Line 15, Column (a) x Line 15, Column (b)] x [1+ Line 20, Column (a) x Line 20, Column (b)]} - 1
27	Column (b) = {[1+Line 16, Column (a) x Line 16, Column (b)] x [1+ Line 21, Column (a) x Line 21, Column (b)]} - 1
27	Column (c) = Line 26 x Line 27, Column (a); Column (d) = Line 26 x Line 27, Column (b)
28	Line 8
29	Column (a) = Line 27, Column (a)
29	Column (b) = Line 27, Column (b)
29	Column (c) = Line 28 x Line 29, Column (a); Column (d) = Line 28 x Line 29, Column (b)
31	Sum of Lines 24 through 29
33	Line 31 - Line 9
35	Schedule NG-RLO-2 (C), Page 6, Line 38
36	Schedule NG-RLO-2 (C), Page 7, Line 39
38	Sum of Lines 33 through 36
40	Workpaper NG-RLO-11, Page 8
42	Line 38 + Line 40
44	Adjustment per R.I.P.U.C. 2/9/10 Open Meeting
46	Line 42 + Line 44

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Rate Year NGSC Salaries and Wage Expense Charged to National Grid - NECO

Line No.	Description	Rate	Rate	Union	Non-Union	Rate Year Calculation	Test Year Rate Year and Adjustment
		(a)	(b)	(c)	(d)	(e)	(f)
1	Test Year Total Base Wages			$ 7,679,713	$ 18,448,752		$ 26,128,465
2	Test Year DSM Base Wages			13,277	492,561		505,838
3	Test Year Capitalized Wages			4,143,573	3,527,740		7,671,313
4	Test Year O&M Wages			3,522,863	14,428,451		17,951,314
5	O&M Portion			45.87%	78.21%		68.70%
6							
7	Test Year O&M Non-Executive Variable Pay (excl DSM)	6.31%	93.69%	100,348	1,489,948		1,590,296
8	Test Year O&M Overtime Wages (excluding DSM)			480,744	402,796		883,540
9	Total Test Year National Grid - Service Company O&M Wages			$ 4,103,955	$ 16,321,195		$ 20,425,150
10							
11	Annualized Base Wages - Employees and Rates at 1/01/09			$ 34,898,306	$ 167,934,643	$ 202,832,949	
12							
13							
14	Total Service Company Steady State Wages at 1/01/09 Rates			34,898,306	167,934,643	202,832,949	
15							
16	NECO Portion of Steady State Wages at 1/01/09			21.84%	11.58%		
17	Base Wages at 1/01/09 - NECO Portion			7,621,790	19,446,832	27,068,622	
18	DSM Base Wages	0.17%	2.67%	(13,177)	(519,209)	(532,385)	
19	Steady State Wages at 1/01/09 Charged to NECO			7,608,613	18,927,623	26,536,236	
20							
21	Union Wage Increase Effective 5/12/09 through 5/11/10 (12 months)	3.00%	100.00%	228,258		228,258	
22	Non-Union Wage Increase Effective 7/1/09 through 6/30/10 (12 months)	1.50%	100.00%		283,914	283,914	
23	Subtotal			7,836,872	19,211,537	27,048,409	
24							
25	Union Wage Increase Effective 5/11/10 through 12/31/10 (7.7 months)	3.00%	64.10%	150,703		150,703	
26	Non-Union Wage Increase Effective 7/1/10 through 12/31/10 (6 months)	3.00%	50.00%		288,173	288,173	
27	Rate Year Total Base Wages			7,987,575	19,499,710	27,487,285	
28							
29	Rate Year O&M Base Wages			3,664,086	15,250,387	18,914,474	
30							
31	Test Year O&M Non-Executive Variable Pay			100,348	1,489,948	1,590,296	
32	Adjustment to Increase Non-Executive Variable Pay for Rate Year	4.98%	3.02%	4,998	45,034	50,032	
33	Test Year O&M Overtime Wages			480,744	402,796	883,540	
34	Adjustment to Increase Overtime Wages for Rate Year	4.98%	3.02%	23,944	12,175	36,119	
35							
36	Rate Year O&M Wages			$ 4,274,121	$ 17,200,340	$ 21,474,460	21,474,460
37							
38	National Grid - Service Company Adjustment for Wages charged to National Grid - NECO						$ 1,049,310

Line Notes

1 to 9	Actual 12 months ended December 31, 2008 per Company financials; Workpaper NG-RLO-12, Pages 1 through 5
11 & 14	Workpaper NG-RLO-12, Page 6
16	Workpaper NG-RLO-12, Pages 7 and 8
17	Line 14 x Line 16
18	Column (c), Line 17 x Column (a), Line 18 = Column (c), Line 18; Column (d), Line 17 x Column (b), Line 18 = Column (d), Line 18
19	Line 17 + Line 18
21 & 22	Line 19 x Column (a) x Column (b), Line 21 or Line 22, respectively; Column (a) = % rate increase; Column (b) = % of year effective
23	Sum of Lines 19 through 22
25 & 26	Line 23 x Column (a) x Column (b), Line 25 or Line 26, respectively; Column (a) = % rate increase; Column (b) = % of year effective
27	Sum of Lines 23 through 26
29	Line 5 x Line 27
31	Line 7
32	Column (a) = {[1+Line 21, Column (a) x Line 21, Column (b)] x [1+ Line 25, Column (a) x Line 25, Column (b)]} - 1
32	Column (b) = {[1+Line 22, Column (a) x Line 22, Column (b)] x [1+ Line 26, Column (a) x Line 26, Column (b)]} - 1
32	Column (c) = Line 31 x Line 32, Column (a); Column (d) = Line 31 x Line 32, Column (b)
33	Line 8
34	Column (a) = Line 32, Column (a)
34	Column (b) = Line 32, Column (b)
34	Column (c) = Line 33 x Line 34, Column (a); Column (d) = Line 33 x Line 34, Column (b)
36	Sum of Lines 29 through 34
38	Line 36 - Line 9

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Rate Year KSC Salaries and Wage Expense Charged to National Grid - NECO

Line No.	Description	Rate	Rate	Union	Non-Union	Rate Year Calculation	Test Year Rate Year and Adjustment
		(a)	(b)	(c)	(d)	(e)	(f)
1	Test Year Total Base Wages			$ 14,908	$ 720,533		$ 735,441
2	Test Year Capitalized Wages			-	5,336		5,336
3	Test Year O&M Wages			14,908	715,197		730,105
4	O&M Portion			100.00%	99.26%		99.27%
5							
6	Test Year O&M Non-Executive Variable Pay			261	64,863		65,124
7	Test Year O&M Overtime Wages			17,979	1,843		19,822
8	Total Test Year KeySpan Wages to NECO O&M			$ 33,148	$ 781,903		$ 815,051
9							
10	Annualized Base Wages - Employees and Rates at 1/01/09			$ 92,728,612	$ 170,874,452	$ 263,603,064	
11							
12							
13	Total KeySpan Steady State Wages at 1/01/09			92,728,612	170,874,452	263,603,064	
14							
15	NECO Portion of Base Wages at 1/01/09			0.02%	0.45%		
16	Base Wages at 1/01/09 - NECO Portion			18,546	768,935	787,481	
17							
18	Steady State Wages at 1/01/09 Charged to NECO			18,546	768,935	787,481	
19							
20	Union Wage Increase for Year-end 12/31/09	3.18%	100.00%	590		590	
21	Non-Union Wage Increase Effective 7/1/09 through 6/30/10 (12 months)	1.50%	100.00%		11,534	11,534	
22							
23	Subtotal			19,136	780,469	799,605	
24							
25	Union Wage Increase for Year-end 12/31/10	2.49%	100.00%	476		476	
26	Non-Union Wage Increase Effective 7/1/10 through 12/31/10 (6 months)	3.00%	50.00%		11,707	11,707	
27							
28	Rate Year Total Wages			19,612	792,176	2,398,874	
29							
30	Rate Year O&M Wages	100.00%	99.26%	19,612	786,310	805,922	
31							
32	Test Year O&M Non-Executive Variable Pay			261	64,863	65,124	
33	Adjustment to Increase Non-Executive Variable Pay for Rate Year	5.75%	3.02%	15	1,960	1,975	
34	Test Year O&M Overtime Wages			17,979	1,843	19,822	
35	Adjustment to Increase Overtime Wages for Rate Year	5.75%	3.02%	1,034	56	1,089	
36							
37	Rate Year O&M Wages			$ 38,901	$ 855,032	$ 893,932	893,932
38							
39	National Grid - Keyspan Service Company Adjustment for Wages charged to National Grid - NECO						$ 78,881

Line Notes

1 to 8	Actual 12 months ended December 31, 2008 per Company financials; Workpaper NG-RLO-13, Pages 1 through 4
10 & 13	Workpaper NG-RLO-13, Page 5
15	Workpaper NG-RLO-13, Pages 6 and 7
16	Line 13 x Line 15
18	Line 16
20 & 21	Line 18 x Column (a) x Column (b), Line 20 or Line 21, respectively; Column (a) = % rate increase; Column (b) = % of year effective
23	Sum of Lines 18 through 21
25 & 26	Line 23 x Column (a) x Column (b), Line 25 or Line 26, respectively; Column (a) = % rate increase; Column (b) = % of year effective
28	Sum of Lines 23 through 26.
30	Column (c), Line 30 = Column (c), Line 28 x Column (a), Line 30; Column (d), Line 30 = Column (d), Line 28 x Column (b), Line 30
32	Line 6
33	Column (a) = {[1+Line 20, Column (a) x Column (b)] x [1+ Line 25, Column (a) x Column (b)]} - 1
33	Column (b) = {[1+Line 21, Column (a) x Column (b)] x [1+ Line 26, Column (a) x Column (b)]} - 1
33	Column (c) = Line 32 x Line 33, Column (a); Column (d) = Line 32 x Line 33, Column (b)
34	Line 7
35	Column (a) = Column (a), Line 33
35	Column (b) = Column (b), Line 33
35	Column (c) = Line 34 x Line 35, Column (a); Column (d) = Line 34 x Line 35, Column (b)
37	Sum of Lines 30 through 35
39	Line 37 - Line 8

National Grid - The Narragansett Electric Company
Pro Forma Income Statement
Adjustment for Medical and Dental Expenses

Line No.	Description	Rate	Rate	NECO	NGSC	KSC	Total
		(a)	(b)	(c)	(d)	(e)	(f)
1	Test Year Medical and Dental Costs to NECO O&M			$ 2,225,859	$ 1,896,373	$ 78,173	$ 4,200,405
2							
3	Medical and Dental Costs Per Employee 1/1/09 - 12/31/09						
4	Medical			9,140	8,254	7,835	
5	Dental			793	753	747	
6	Total Medical and Dental Costs Per Employee 1/1/09 - 12/31/09			9,933	9,007	8,582	
7							
8	Number of Steady State Rate Year Employees						
9	Employees Electing Medical Coverage for 1/01/09 to 12/31/09			456	2,486	1,849	
10							
11	Total Medical and Dental Costs for 2009						
12	Medical			4,167,840	20,519,444	14,486,915	
13	Dental (for percentage of employees who elected dental coverage for 2009)			327,725	1,659,678	1,369,325	
14	Total Medical and Dental Costs for 2009			4,495,565	22,179,122	15,856,240	
15	% of Employees Electing Dental Coverage		1/	90.63%	88.66%	99.14%	
16							
17	Cost Increases for Rate Year						
18	Medical - Period 1/1/10 - 12/31/10 expected average cost increase	8.0%	100.0%	333,427	1,641,556	1,158,953	
19	Dental - Period 1/1/10 - 12/31/10 expected average cost increase	3.0%	100.0%	9,832	49,790	41,080	
20	Total Rate Year Medical and Dental Costs			4,838,825	23,870,469	17,056,274	
21							
22	NECO's Share of Medical and Dental Costs for Rate Year 2010						
23	Percentage Charged to NECO - Total			100.00%	13.35%	0.30%	
24	Percentage Charged to NECO O&M Labor %			56.61%	68.81%	33.60%	
25							
26	Allocation of NECO Rate Year Medical and Dental Costs to O&M			$ 2,739,183	$ 2,192,053	$ 17,118	4,948,354
27							
28	NECO Rate Year Medical and Dental Adjustment			$ 513,324	$ 295,680	$ (61,055)	747,949
29							
30	Less Amount Applicable to IFA		4.64%				(34,705)
31							
32	Total Distribution Medical and Dental Adjustment						$ 713,244
	1/ Employees Electing Dental Coverage						
	Number of employees who elected dental coverage			406	2,064	1,612	
	Number of employees with medical coverage			448	2,328	1,626	
	Percent of employees who elected dental coverage			90.63%	88.66%	99.14%	

Line Notes

1 Actual 12 months ended December 31, 2008 per Company financials; Workpaper NG-RLO-14, Page 1
4 Workpaper NG-RLO-14, Pages 3 through 5
5 Workpaper NG-RLO-14, Pages 3 through 5
6 Line 4 + Line 5
9 Workpaper NG-RLO-14, Pages 6 through 8
12 Line 4 x Line 9
13 Line 5 x Line 9 x Line 15
14 Line 12 + Line 13
15 See Footnote 1/
18 Column (a) = % Cost increase in 2010; Column (b) = % of year Cost increase effective
18 Column (c) = Column (c) Line 12 x Line 18, Column (a) x Column (b); Column (d) = Column (d), Line 12 x Line 18, Column (a) x Column (b)
19 Column (a) = % Cost increase in 2010; Column (b) = % of year Cost increase effective
19 Column (c) = Column (c) Line 13 x Line 19, Column (a) x Column (b); Column (d) = Column (d), Line 13 x Line 19, Column (a) x Column (b)
20 Line 14 + Line 18 + Line 19
23 Schedule NG-RLO-2 (C), Page 10, Line 4
24 Schedule NG-RLO-2 (C), Page 10 Line 5
26 Line 20 x Line 23 x Line 24
28 Line 26 - Line 1
30 Column (b) = Percentage applicable to the IFA; Workpaper NG-RLO-2, Page 2
30 Column (f) = Line 28, Column (f) x [- Line 30, Column (b)]
32 Line 28 + Line 30

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Group Insurance Expense

Line No.	Description	Amount (a)	Amount (b)	Total (c)	Rate (d)	Amount (e)
1	Test Year Group Insurance Expense Charged to O&M					$ 632,356
2	Rate Year O&M Salaries and Wages - Percentage Change					8.07%
3	Rate Year Adjustment for Group Insurance Expense					51,029
4						
5	Less Amount of Adjustment Applicable to IFA				4.64%	(2,368)
6						
7	Total Rate Year Adjustment for Group Insurance Expense					48,661
8						
9	Rate Year Group Insurance Expense Applicable to Distribution					$ 681,017
10						
11		NECO	NGSC	Total	Percentage Increase / (Decrease)	
12						
13	Test Year Total Base Wages	$ 30,373,148	$ 26,128,465	$ 56,501,613		
14	Rate Year Total Base Wages	33,573,792	27,487,285	61,061,077		
15	Increase (Decrease)	$ 3,200,644	$ 1,358,820	$ 4,559,464		
16						
17	Percentage Increase in O&M Wages from Test Year to Rate Year				8.07%	
18						
19	Percentage of Salary and Wage Expense				1.12%	
20						
21	Allocation of Group Insurance Expense	$ 374,450	$ 306,567	$ 681,017		

Line Notes

1	Actual 12 months ended December 31, 2008 per Company financials; Workpaper NG-RLO-15, Page 1
2	Line 17
3	Line 1 x Line 2
5	Column (d) = Percentage applicable to the IFA; Workpaper NG-RLO-2, Page 2
5	Column (e) = Line 3 x [- Column (d), Line 5]
7	Line 3 + Line 5
9	Line 1 + Line 7
13	Column (a) = Schedule NG-RLO-2 (C), Page 5, Line 1, Column (f)
13	Column (b) = Schedule NG-RLO-2 (C), Page 6, Line 1, Column (f)
14	Column (a) = Schedule NG-RLO-2 (C), Page 5, Line 22, Column (e)
14	Column (b) = Schedule NG-RLO-2 (C), Page 6, Line 27, Column (e)
15	Line 14 - Line 13
17	Line 15, Column (c) / Line 13, Column (c)
19	Line 9, Column (e) / Line 14, Column (c)
21	Columns (a) and (b) = Line 14 x Line 19, Column (d)
21	Column (c) = Columns (a) + (b)

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Pension Expense (FAS 87)

Line No.	Description	FAS 87 Costs NECO (a)	NGSC (b)	KSC (c)	Rate (d)	Total (e)
1	Total Company Test Year Pension Costs to NECO O&M	$ (665,445)	$ 1,512,978	$ 63,413		$ 910,946
2						
3	Rate Year Pension Expense	$ 4,436,025	$ 32,814,798	$ 73,859,376		
4	Percentage of Test Year Expense Charged to NECO	100.00%	13.35%	0.30%		
5	Percentage Charged to NECO Labor	56.61%	68.81%	33.60%		
6	Total Company Rate Year FAS 87 Costs to NECO O&M	$ 2,511,164	$ 3,013,421	$ 74,128		5,598,712
7	Rate Year Adjustment for Pension Expense					4,687,767
8						
9	Less Amount Applicable to IFA				4.64%	(217,512)
10						
11	Total Rate Year Distribution Pension Expense Adjustment					$ 4,470,254
12						
13						
14	Percentage of Total Rate Year Pension to NECO	56.61%	9.18%	0.10%		
15						
16	**NGSC and KSC Base Rate Year Salaries & Wages charged to NECO**					
17	Salaries & Wages charged to NECO - union		$ 7,621,790	$ 18,546		
18	Salaries & Wages charged to NECO - non-union		19,446,832	768,935		
19	Total		$ 27,068,622	787,481		
20						
21	**Total NGSC and KSC Base Rate Year Salaries & Wages**					
22	Total Salaries & Wages - union		$ 34,898,306	92,728,612		
23	Total Salaries & Wages - non-union		167,934,643	170,874,452		
24	Total		$ 202,832,949	$263,603,064		
25						
26	Percentage Charged to NECO	100.00%	13.35%	0.30%		
27						
28	Total Rate Year Salaries & Wages to NECO	$ 33,573,792	$ 27,487,285	$ 2,398,874		
29						
30	Total Rate Year Salaries & Wages to NECO O&M	$ 19,005,595	$ 18,914,474	$ 805,922		
31						
32	O&M Portion	56.61%	68.81%	33.60%		
33						
34	Total Rate Year Pension Expense					$ 5,381,200

Line Notes

1	Workpaper NG-RLO-16, Page 1
3	See Workpaper NG-RLO-16, Pages 3, 4 & 11
4	Line 26
5	Line 32
6	Columns (a) through (c) = Line 3 x Line 4 x Line 5
6	Column (e) = Sum of Columns (a) through (c)
7	Line 6 - Line 1
9	Column (d) = Percentage applicable to the IFA; Workpaper NG-RLO-2, Page 2
9	Column (e) = Line 7, Column (e) x [- Line 9, Column (d)]
11	Line 7 + Line 9
14	Line 4 x Line 5
17	Column (b) = NG-RLO-2 (C), Page 6, Column (c), Line 17; Column (c) = Page 7, Column (c), Line 18
18	Column (b) = NG-RLO-2 (C), Page 6, Column (d), Line 17; Column (c) = Page 7, Column (d), Line 18
19	Line 17 + Line 18
22	Column (b) = NG-RLO-2 (C), Page 6, Column (c), Line 11; Column (c) = Page 7, Column (c), Line 10
23	Column (b) = NG-RLO-2 (C), Page 6, Column (d), Line 11; Column (c) = Page 7, Column (d), Line 10
24	Line 22 + Line 23
26	Line 19 / Line 24
28	Column (a) = NG-RLO-2 (C), page 5, Column (e), Line 22; Column (b) = Page 6, Column (e), Line 27; Column (c) = Page 7, Column (e), Line 28
30	Column (a) = NG-RLO-2 (C), page 5, Column (e), Line 24; Column (b) = Page 6, Column (e), Line 29; Column (c) = Page 7, Column (e), Line 30
32	Line 30 / Line 28
34	Line 6 + Line 9

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Post-retirement Benefits Other than Pension (FAS106)

Line No.	Description	FAS 106 Costs				
		NECO	NGSC	KSC	Rate	Total
		(a)	(b)	(c)	(d)	(e)
1	Total Company Test Year FAS106 Cost - NECO O&M	$ 4,608,256	$ 2,449,571	$ 71,867		$ 7,129,693
2						
3						
4	Rate Year FAS106 Total Expense	$ 10,212,025	$ 25,915,459	$ 39,737,585		
5						
6						
7	Percentage of Test Year Expense Charged to NECO	100.00%	13.35%	0.30%		
8	Percentage of Total Rate Year Pension to NECO	56.61%	68.81%	33.60%		
9						
10	Total Company Rate Year FAS106 Cost - NECO O&M	$ 5,780,867	$ 2,379,847	$ 39,882		8,200,595
11						
12	Rate Year Adjustment for FAS106 Expense					1,070,902
13						
14	Less Amount Applicable to IFA				0.00%	-
15						
16	Total Rate Year Distribution FAS106 Expense Adjustment					$ 1,070,902
17						
18						
19	Total Rate Year FAS106 Expense					$ 8,200,595

Line Notes

1	Workpaper NG-RLO-17, Page 1
4	Workpaper NG-RLO-17, Pages 3, 4 & 11
7	Schedule NG-RLO-2 (C), Page 10, Line 4
8	Schedule NG-RLO-2 (C), Page 10, Line 5
10	Columns (a) through (c) = Line 4 x Line 7 x Line 8
10	Column (e) = Sum of Columns (a) through (c)
12	Line 10 - Line 1
14	Column (d) = Total Company FAS106 expense allocable to Transmission is capped at $5.4 million per IFA Agreement; therefore, no allocation to IFA
14	Column (e) = Line 12, Column (e) x [- Line 14, Column (d)]
16	Line 12 + Line 14
19	Line 10 + Line 14

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Employee Thrift Plan - Company Match

Line No.	Description	Amount (a)	Amount (b)	Amount (c)	Total (d)	Rate (e)	Amount (f)
1	Test Year Employee Thrift Plan - Company Match Expense Charged to O&M						$ 1,397,322
2	Rate Year O&M Salaries and Wages - Percentage Change						10.87%
3	Rate Year Adjustment for Thrift Plan - Company Match Expense						151,919
4							
5	Less Amount Applicable to IFA					4.64%	(7,049)
6							
7	Total Distribution Thrift Plan - Company Match Adjustment						144,870
8							
9							
10	Rate Year Expense Thrift Plan - Company Match Applicable to Distribution						$ 1,542,192
11							
12		NECO	NGSC	KSC	Total	Percentage Increase / (Decrease)	
13							
14							
15	Test Year Base Wages	$ 30,373,148	$ 26,128,465	$ 735,441	$ 57,237,054		
16	Rate Year Base Wages	33,573,792	27,487,285	2,398,874	63,459,951		
17	Difference	$ 3,200,644	$ 1,358,820	$ 1,663,433	$ 6,222,897		
18							
19	Percentage Increase in O&M Wages from Test Year to Rate Year					10.87%	
20							
21	Percentage of Salary and Wage Expense					2.43%	
22							
23	Allocation of Thrift Plan-Company Match Expense	$815,904	$667,991	$58,297	$1,542,192		

Line Notes

1	Workpaper NG-RLO-18, Page 1
2	Line 19
3	Line 1 x Line 2
5	Column (e) = Percentage applicable to the IFA; Workpaper NG-RLO-2, Page 2
5	Column (f) = Line 3, Column (f) x [- Line 5, Column (e)]
7	Line 3 + Line 5
10	Line 1 + Line 7
15	Column (a) = Schedule NG-RLO-2 (C), Page 5, Line 1, Column (f)
15	Column (b) = Schedule NG-RLO-2 (C), Page 6, Line 1, Column (f)
15	Column (c) = Schedule NG-RLO-2 (C), Page 7, Line 1, Column (f)
15	Column (d) = Column (a) + Column (b) + Column (c)
16	Column (a) = Schedule NG-RLO-2 (C), Page 5, Line 22, Column (e)
16	Column (b) = Schedule NG-RLO-2 (C), Page 6, Line 27, Column (e)
16	Column (c) = Schedule NG-RLO-2 (C), Page 7, Line 28, Column (e)
16	Column (d) = Column (a) + Column (b) + Column (c)
17	Line 16 - Line 15
19	Column (d), Line 17 / Column (d), Line 15
21	Column (f), Line 10 / Column (d), Line 16
23	Line 21 x Line 16 Columns (a), (b) and (c), respectively
23	Column (d) = Sum of Columns (a) through (c)

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for IS Leasing Charges

Line No.	Description	Rate	Amount	Total
		(a)	(b)	(c)
1	Information Services (IS) Leasing Expense Rate Year Adjustment			
2				
3	----Leasing Projects to End Before Rate Year		$ (696,592)	
4				
5	----New Leasing Projects to be Amortized in Rate Year		85,454	
6				
7	Pro Forma Leasing Charges Adjustment			$ (611,138)
8				
9	Less Amount Applicable to IFA	4.64%		28,357
10				
11	Rate Year Adjustment for IS Leasing Projects Applicable to Distribution			$ (582,781)

Line Notes

3	Workpaper NG-RLO-19, Page 1
5	Workpaper NG-RLO-19, Page 2, as adjusted during discovery
7	Line 3 + Line 5
9	Column (a) = Percentage applicable to the IFA; Workpaper NG-RLO-2, Page 2
9	Column (c) = Line 7, Column (c) x [- Line 9, Column (a)]
11	Line 7 + Line 9, Column (c)

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Rent Expense Related to Capital Improvements

Line No.	Description	Rate (a)	Amount (b)	Amount (c)
1	Facilities Improvements Expense			
2				
3	----Waltham, MA -- Reservoir Woods		$ 257,940	
4				
5	----Northboro MA		277,507	
6				
7	Pro Forma Rents Expense Adjustment			$ 535,447
8				
9	Less Amount Applicable to IFA	4.64%		(24,845)
10				
11	Rate Year Leasing Charges Adjustment Applicable to Distribution			$ 510,602

Line Notes

3 to 5	See Testimony and Schedules of Witness Pettigrew
7	Column (c) = Sum of Lines 3 through 5, Column (b)
9	Column (a) = Percentage applicable to the IFA; Workpaper NG-RLO-2, Page 2
9	Column (c) = Line 7, Column (c) x [- Line 9, Column (a)]
11	Line 7 + Line 9, Column (c)

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Contracted Union Hiring Requirement

Line No.	Description	Percentages (a)	Percentages/ Amount (b)	Amount (c)	Amount (d)
1	Contractual Hiring Requirement - O&M Expense Portion - Eliminated per R.I.P.U.C 2/9/10 Open Meeting			$ -	
2					
3	Pension and Benefits, Rate Year Expense amount to NECO O&M:				
4	Payroll Tax	7.75%	$ 1,860,426		
5	Medical and Dental Insurance	11.41%	2,739,183		
6	Group Insurance	1.56%	374,450		
7	Pension	10.46%	2,511,164		
8	FAS106	24.08%	5,780,867		
9	FAS 112 (Test Year plus inflation)	-3.55%	(852,697)		
10	Workers Compensation (Test Year plus inflation)	4.00%	961,174		
11	Employee Thrift	3.40%	815,904		
12	Total Benefits	59.12%	$ 14,190,470		
13					
14	NECO Employee Salaries and Wages to O&M		$ 24,003,168		
15					
16	Payroll Taxes, Pension and Benefits Cost as % of Base Salaries & Wages		59.12%		
17					
18	Pension and Benefits for Contractual Minimum Hiring		51.37%	-	
19					
20	Pro Forma Adjustment to O&M Expense - to Page 4			$ -	
21					
22	Payroll Taxes - to Page 27		7.75%		-
23					
24	Rate Year Contractual Hiring Requirement, Total Cost, to O&M		59.12%		$ -

Line Notes

1	Workpaper NG-RLO-20, Page 1; Eliminated per R.I.P.U.C 2/9/10 Open Meeting
4	Schedule NG-RLO-2 (C), Page 27, Line 19, Column (a)
5	Schedule NG-RLO-2 (C), Page 8, Line 26, Column (c)
6	Schedule NG-RLO-2 (C), Page 9, Line 21, Column (a)
7	Schedule NG-RLO-2 (C), Page 10, Line 6, Column (a)
8	Schedule NG-RLO-2 (C), Page 11, Line 10, Column (a)
9	Workpaper NG-RLO-20, Page 2 x Inflation Factors
10	Workpaper NG-RLO-20, Page 2 x Inflation Factors
11	Schedule NG-RLO-2 (C), Page 12, Line 23, Column (a)
12	Sum of Lines 4 through 11
14	Schedule NG-RLO-2 (C), Page 5, Line 31, Column (f)
16	Line 12 / Line 14
18	Column (b) = Line 16 - Line 22
18	Column (c) = Column (b) x Line 1
20	Line 1 + Line 18
22	Column (b) = Line 4, Column (a)
22	Column (d) = Column (b) x Line 1, Column (c)
24	Column (b) = Line 18 + Line 22
24	Column (d) = Column (c), Line 20 + Column (d), Line 22

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Customer Assistance Advocate Personnel

Line No.	Description	Percentages (a)	Percentages/ Amount (b)	Amount (c)	Amount (d)
1	Additional Customer Assistance Advocate Personnel - Eliminated per R.I.P.U.C 2/9/10 Open Meeting		2 Positions at $60,000 each	$ -	
2					
3	Pension and Benefits, Rate Year Expense amount to NECO O&M:				
4	Payroll Tax	7.75%	$ 1,860,426		
5	Medical and Dental insurance	11.41%	2,739,183		
6	Group Insurance	1.56%	374,450		
7	Pension	10.46%	2,511,164		
8	FAS106	24.08%	5,780,867		
9	FAS 112 (Test Year plus inflation)	-3.55%	(852,697)		
10	Workers Compensation (Test Year plus inflation)	4.00%	961,174		
11	Employee Thrift	3.40%	815,904		
12	Total Benefits	59.12%	$ 14,190,470		
13					
14	NECO Employee Salaries and Wages to O&M		$ 24,003,168		
15					
16	Payroll Taxes, Pension and Benefits Cost as % of Base Salaries & Wages		59.12%		
17					
18	Pension and Benefits for Customer Assistance Advocate Personnel		51.37%	-	
19					
20	Pro forma Adjustment to O&M Expense - to Page 4			$ -	
21					
22	Payroll Taxes - to Page 27		7.75%		$ -
23					
24					
25	Rate Year Customer Assistance Advocate Personnel, Total Cost, to O&M		59.12%		$ -

Line Notes

1	Proposed at $60,000 x 2; Eliminated per R.I.P.U.C 2/9/10 Open Meeting
4	Schedule NG-RLO-2 (C), Page 27, Line 19, Column (a)
5	Schedule NG-RLO-2 (C), Page 8, Line 26, Column (c)
6	Schedule NG-RLO-2 (C), Page 9, Line 21, Column (a)
7	Schedule NG-RLO-2 (C), Page 10, Line 6, Column (a)
8	Schedule NG-RLO-2 (C), Page 11, Line 10, Column (a)
9	Workpaper NG-RLO-20, Page 2 x Inflation Factors
10	Workpaper NG-RLO-20, Page 2 x Inflation Factors
11	Schedule NG-RLO-2 (C), Page 12, Line 23, Column (a)
12	Sum of Lines 4 through 11
14	Schedule NG-RLO-2 (C), Page 5, Line 31, Column (f)
16	Line 12 / Line 14
18	Column (b) = Line 16 - Line 22
18	Column (c) = Column (b) x Line 1
20	Line 1 + Line 18
22	Column (b) = Line 4, Column (a)
22	Column (d) = Column (b) x Line 1, Column (c)
25	Column (b) = Line 18 + Line 22
25	Column (d) = Column (c), Line 20 + Column (d), Line 22

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Rate Year Postage Expenses

Line No.	Description	Factor	Amount
1	Test Year Postage Expense		$ 1,847,291
2			
3	Percentage Increase per USPS		3.8%
4			
5	Postage Expense Based on May 11, 2009 Increase		1,917,488
6			
7	Postage Rate Increase effective May 12, 2010		0.25%
8	Portion of Rate Year in Effect		64.1%
9	Pro Forma Increase Factor		0.16%
10			
11	Rate Year Adjusted Postage Expense		$ 1,920,561
12			
13	Rate Year Adjustment for Postage Expense		$ 73,270

Line Notes

1	Workpaper NG-RLO-21, Page 1		
3	Workpaper NG-RLO-21, Page 2		
5	Line 1 x (1+Line 3)		
7	2010 Inflation Factor calculated below:		
	---GPD Deflator 2009	123.359	
	---GPD Deflator 2010	123.669	
	---Percent Change in GDP (123.669 / 123.359) - 1 = 0.25%		0.250%
8	December 31, 2010 - May 12, 2010 / 365 days		
9	Line 7 x Line 8		
11	Line 5 x (1+Line 9)		
13	Line 11 - Line 1		

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Rate Case Expenses

Line No.	Description	Amount (a)	Total (b)
1	Total Rate Case Expenses		$ 1,971,368
2			
3	Number of Years to be Amortized		5
4			
5	Annual Amortization of Rate Case Expenses		$ 394,274
6			
7			
8	Third Party Expenses:		
9	Keegan and Werlin, LLP	$ 734,484	
10	Foster Associates, Inc.	41,490	
11	Black & Veatch	400,000	
12	P. Moul & Associates	50,000	
13	R.I.P.U.C. and RI Division	263,000	
14	Analysis Group	426,739	
15	J. Cannell, Inc.	31,109	
16	Hewitt Associates	650	
17	WarRoom Document Solutions	16,623	
18	A-1 Court Reporters, Inc.	7,273	
19			
20	Total Rate Case Expenses	$ 1,971,368	

Line Notes

1 Line 20, as updated in response to Commission Data Request 15-7
3 Number of years per R.I.P.U.C. 2/9/10 Open Meeting
5 Line 1 / Line 3
20 Sum of Lines 9 through 18

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Inflation Adjustment for Other Operation and Maintenance Expenses

Line No.	Description	Amount (a)	Amount (b)	Amount (c)	Reference Page (d)
1	Adjusted Test Year Other Operation & Maintenance Expense From Page 1, Column (d), Line 24			$ 119,042,357	1
2					
3	Less:				
4	Salaries & Wage Expense charged to O&M in Test Year			43,078,719	5, 6, 7
5	Medical and Dental Expense charged to O&M in Test Year			4,200,405	8
6	Group Insurance Expense charged to O&M in Test Year			632,356	9
7	Pension Expense charged to O&M in Test Year			910,946	10
8	FAS 106 Expense charged to O&M in Test Year			7,129,693	11
9	Employee Thrift Plan - Company Match Expense charged to O&M in Test Year			1,397,322	12
10	Postage Expense Charged to O&M in Test Year			1,847,291	17
11	Restore Transmission Portion of Salaries & Wages on line 4 already adjusted out			(2,625,853)	
12	Vegetation Management Expense Charged to O&M in Test Year			6,824,171	23
13	Inspection and Maintenance Expense Charged to O&M in Test Year			2,581,867	24
14					
15	Test Year Other O&M Subject to Inflation			$ 53,065,441	
16					
17	Less Other O&M Applicable to IFA			(1,171,742)	
18					
19	Other O&M Applicable to Distribution Subject to Inflation			$ 51,893,700	
20					
21	Inflation Calculation for 2009			0.705%	
22					
23	Inflation Adjustment for 2009			365,851	
24					
25	Other O&M Expense for 2009			52,259,550	
26					
27	Inflation Calculation for 2010			0.251%	
28					
29	Inflation Adjustment for 2010			131,171	
30					
31	Other O&M Expenses for 2010			$ 52,390,722	
32					
33	Inflation Adjustment For Rate Year			$ 497,022	
34					
35	GPD Deflator Factors				
36		2008	122.496		
37		2009	123.359	0.705%	
38		2010	123.669	0.251%	

Line Notes

11	Workpaper NG-RLO-22, Page 1
15	Line 1 - Sum of Lines 4 through 13
17	Workpaper NG-RLO-22, Page 2
19	Line 15 + Line 17
21	Column (b), Line 37
23	Line 19 x Line 21
25	Line 19 + Line 23
27	Column (b), Line 38
29	Line 25 x Line 27
31	Line 25 + Line 29
33	Line 31 - Line 19

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Seasonal Employees

Line No.	Description	Factor Or Reference	Amount	Total
		(a)	(b)	(c)
	Seasonal Field Collection Employees			
1	Meter Reading - Lincoln		15	
2	Meter Reading - North Kingstown		5	
3	Number of Seasonal Employees For Rate Year	L 1 + L 2	20	
4				
5	Average Union Seasonal Annual Salary for 2008		$ 35,178	
6	May 2009 Salary Increase		3.0%	
7	2009 Annual Salary Amount per Employee	L 5 * L 6	36,233	
8				
9	May 2010 Salary Increase		3.0%	
10	2010 Annual Salary Amount Per Employee	L 7 * L 9	37,320	
11				
12	Total 2009 Salary for Seasonal Employees	L 3 * L 10	$ 746,400	
13				
14	Months in Year		12	
15	Number of Months on Site (June - mid-November)		5.5	
16	Total 2010 Salary	L 12 / L 14 * L 15		$ 342,100
17				
18	Provision for Workers' Compensation	Pg 15, C (b), L 10	$ 961,174	
19	NECO Employee Salaries and Wages to O&M	Pg 15, C (b), L 14	$ 24,003,168	
20				
21	Percent of Workers' Compensation to Total Payroll (O&M Only)	L 18 / L 19	4.00%	
22	Workers' Compensation Adjustment	L 16 * L 21		13,699
23				
24	Pro forma Adjustment to O&M Expense - to Page 4	L 16 + L 22		$ 355,799
25				
26	Provision for Payroll Taxes	Pg 15, C (b), L 4	$ 1,860,426	
27	NECO Employee Salaries and Wages to O&M	Pg 15, C (b), L 14	$ 24,003,168	
28				
29	Percent of Payroll Taxes to Total Payroll (O&M Only)	L 26 / L 27	7.75%	
30	Payroll Tax Expense Adjustment - to Page 27	L 16 * L 29		26,515
31				
32	Total Seasonal Employee Adjustment	L 24 + L 30		$ 382,314

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Customer Contact Activities - Uncollectible Mitigation

Line No.	Description	Amount	Total
		(a)	(b)
1	Projects or Programs		
2			
3	Incremental Cost of Inbound Calls due to Increased Field Collection Visits	$ 18,820	
4			
5	Cost of Incremental Outbound Calling Activity in Rate Year	153,186	
6			
7	Cost of Incremental Inbound calls due to Increased Outbound Call Activity in Rate Year	204,249	
8			
9	Total		$ 376,255
10			
11	Rate Year Adjustment per R.I.P.U.C. 2/9/10 Open Meeting		(376,255)
12			
13	Rate Year Allowance per R.I.P.U.C. 2/9/10 Open Meeting		$ -

Line Notes

3 to 7	See Testimony and Schedules of Witness Wynter
9	Sum of Lines 3 through 7
11	Adjustment per R.I.P.U.C. 2/9/10 Open Meeting
13	Line 9 - Line 11

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Economic Development Program and Activities

Line No.		Amount (a)	Total (b)
1	Projects or Programs		
2			
3	Economic Development Program - Eliminated per R.I.P.U.C 2/9/10 Open Meeting	$ -	
4			
5			$ -

Line Notes

3 See Testimony of Company Witness Fields - Eliminated per R.I.P.U.C 2/9/10 Open Meeting
5 Line 3

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Vegetation Management Expenses

Line No.	Description	Test Year Amount (a)	Percent (b)	Amount (c)
1	Test Year Non-Salary O&M Vegetation Management Expense			$ 6,824,171
2				
3	Rate Year O&M Vegetation Management Expense	$ 8,952,493		
4				
5	Test Year Non-Salary O&M Percent		96.97%	
6				
7	Rate Year Non-Salary O&M Vegetation Management Expense			8,681,164
8				
9	Adjustment to Company Proposed Rate Year Amount			(3,599,796)
10				
11	Rate Year Allowance per R.I.P.U.C. 2/9/10 Open Meeting			5,081,368
12				
13	Rate Year Adjustment Related to Vegetation Management Expense			$ (1,742,803)
14				
15				
16	Test Year Vegetation Management Expense	$ 7,037,460		
17				
18	Less: Salary Related Expenses	213,289		
19				
20	Non-Salary Related Expenses	$ 6,824,171		
21				
22				
23	Percent of Non-Salary Test Year Vegetation Management Expense	96.97%		

Line Notes

1	Line 20
3	See Testimony and Schedules of Witness Pettigrew, as adjusted
5	Line 23
7	Line 3, Column (a) x Line 5, Column (b)
9	Line 11 - Line 7
11	Rate Year Allowance for Vegetation Management per R.I.P.U.C. 2/9/10 Open Meeting
13	Line 11 - Line 1
16	Workpaper NG-RLO-23, Page 1
18	Workpaper NG-RLO-23, Page 3
20	Line 16 - Line 18
23	Line 20 / Line 16

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Inspection and Maintenance Costs

Line No.	Description	Amount (a)	Amount (b)
1	Inspection and Maintenance (I&M) Program Costs Incurred During Test Year		$ 2,581,867
2			
3	I&M Program O&M Costs During Rate Year		
4	Opex Related to Capex	$ 2,043,694	
5	Repair-Related Costs	1,116,682	
6	Inspections-Related Costs	986,259	
7	Total I&M Program O&M Costs During Rate Year	$ 4,146,635	
8			
9	Plus Inspections-Related Benefits and Taxes	$ 529,537	4,676,172
10			
11	Adjustment to Company Proposed Rate Year Amount		(3,208,172)
12			
13	Rate Year Allowance per R.I.P.U.C. 2/9/10 Open Meeting		1,468,000
14			
15	Rate Year Adjustment Related to I&M Program		$ (1,113,867)

Line Notes:

1-6	See Testimony and Schedules of Witness Pettigrew
7	Sum of lines 4 through 6
9	See Testimony and Schedules of Witness Pettigrew and Workpaper NG-RLO-33
11	Line 13 - Line 9
13	Rate Year Allowance for Inspection & Maintenance per R.I.P.U.C. 2/9/10 Open Meeting
15	Line 13 - Line 1

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Adjustments
Adjustment for Uncollectible Expenses

Line No.	Description	Amount	Calendar Year 2007	Calendar Year 2008	Two Year Total
		(a)	(b)	(c)	(d)
	Two Year Average Net Charge Off Rate				
1	Delivery-Related Net Charge-Offs		$ 3,902,833	$ 4,550,966	$ 4,226,900
2					
3	Delivery Operating Revenue		$ 376,488,453	$ 393,808,040	$ 385,148,246
4					
5	Average Net Charge-off % of Delivery Revenue		1.0366%	1.1556%	1.0975%
6					
7	Net Charge-off % per R.I.P.U.C. 2/9/10 Open Meeting				0.94%
8					
9	**Normalized Test Year Delivery-Related Net Charge Offs**				
10	Distribution			$ 227,000,179	
11	Transition			18,129,225	
12	Conservation			27,000,973	
13	Total Delivery Revenue			$ 272,130,377	
14					
15	Average Delivery-Related Net Charge-off Rate			0.9400%	
16					
17	Test Year Delivery-Related Uncollectible Expense Based on Net Charge Offs			$ 2,558,026	
18	Test Year Transmission Related Net Charge-offs			1,175,222	
19	Test Year Commodity Related Net Charge-offs			7,109,656	
20					
21	Test Rate Year Net Charge Offs at Present Rates			10,842,904	
22					
23	Test Year Uncollectible Expense (FERC 904)			$ 12,748,167	
24					
25	Test Year Normalization Adjustment For Use Of Net Charge-Offs				$ (1,905,263)
26					
27	**Normalized Rate Year Delivery-Related Net Charge Offs**				
28	Distribution	$ 227,000,179	$ 223,222,147	$ (3,778,032)	
29	Transition	18,129,225	17,983,231	(145,994)	
30	DSM/Renewables	27,000,973	26,783,535	(217,438)	
31	Total	$ 272,130,377	$ 267,988,913	$ (4,141,464)	
32					
33	Average Net Charge-off % of Delivery Revenue			0.9400%	
34					
35	Pro-Forma Delivery-Related Charge-Off Adjustment				$ (38,930)

Line Notes

1	Columns (b) and (c): Workpaper NG-RLO-24, Page 1, Line (6); Column (d) = Average of Columns (b) and (c)
3	Columns (b) and (c): Calendar year income statement; Column (d): Average of Columns (b) and (c)
5	Line 1 ÷ Line 3
7	Net charge-off rate to reflect a 5 year historical average per R.I.P.U.C. 2/9/10 Open Meeting
10	Schedule NG-RLO-2 (C), Page 1, Column (a), Line 6
11	Workpaper NG-RLO-25 (C), Page 2, Line 20, Column (s)
12	Workpaper NG-RLO-25 (C), Page 2, Line 20, Column (p)
13	Sum of Lines 10 through 12
15	Column (d), Line 7
17	Line 13 x Line 15
18	Test Year Transmission Revenues of $125,023,630 times uncollectibles percentage of 0.94%
19	Test Year Commodity Revenue of $756,346,382 per Schedule NG-RLW-1, Page 1, Column (f) times uncollectibles percentage of 0.94%
21	Sum of Lines 17 through 19
23	Workpaper NG-RLO-24, Page 1, Line 2
25	Line 23 - Line 21
28 to 30	Column (a) = Column (c), Lines 10 through 12
28	Column (b) = Schedule NG-RLO-2 (C), Page 1, Column (f), Line 6
29 to 30	Column (b) = Workpaper NG-RLO-25 (C), Page 1, Line 20, Columns (s) and (p), respectively
28 to 30	Column (c) = Column (b) - Column (a)
31	Sum of Lines 28 through 30
33	Column (d), Line 7
35	Column (c), Line 31 x Line 33

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Municipal Tax Expense

Line No.	Description	Amount (a)		Amount (b)	Total (c)
1	Municipal Taxes Expense for the Calendar Year 2008 per Company's Books				$ 17,959,422
2	Less Amortization of Providence, Rhode Island Tax Settlement				-
3	Municipal Taxes Expense for the Calendar Year 2008				17,959,422
4	Municipal Taxes Payments for Calendar Year 2008			$ 17,873,924	
5	Three Year Average Percentage Increase in Municipal Taxes	3.82%	1/	682,784	
6					
7	Total Calendar Year 2009 Municipal Taxes			18,556,708	
8	Three Year Average Percentage Increase in Municipal Taxes	3.82%	1/	708,866	
9					
10	Total Rate Year 2010 Municipal Taxes			19,265,574	
11	Total Rate Year 2010 Applicable to Operating Property	99.69%	2/		19,205,851
12					
13	Rate Year Municipal Tax Adjustment				1,246,429
14					
15	Total Rate Year Municipal Taxes				$ 19,205,851

1/ Three Year Average Municipal Tax Expense Growth Rate:

Year	Municipal Taxes	Percentage Inc / (Dec)
2008	$ 17,959,422	4.80%
2007	$ 17,136,969	-10.20%
2006	$ 19,083,224	16.86%
2005	$ 16,329,901	
Three Year Average Percentage Increase		3.82%

2/	Test Year Municipal Tax Expense on Operating Property	$ 17,959,422
	Test Year Municipal Tax Expense on Non-Operating Property	56,639
	Total Test Year Municipal Tax Expense	$ 18,016,061
	Percent of Municipal Taxes Applicable to Operating Property	99.69%

Line Notes

1	Schedule NG-RLO-2 (C), Page 3, Line 8, Column (d)
3	Line 1 + Line 2
4	Workpaper NG-RLO-27, Page 4
5	Line 4 x Line 5, Column (a)
7	Line 4 + Line 5
8	Line 7 x Line 8, Column (a)
10	Line 7 + Line 8
11	Line 10 x Line 11, Column (a)
13	Line 11 - Line 3
15	Line 1 + Line 13

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Adjustment for Payroll Tax Expense

Line No.	Description	Amount (a)	Amount (b)	Amount (c)	Amount (d)	Amount (e)
1	Test Year Payroll Tax Expense					$ 3,338,924
2	Percentage Change in Rate Year O&M Salaries and Wages					7.64%
3	Payroll Tax Expense Adjustment					255,220
4						
5	Subtotal Base Rate Year Expense					$ 3,594,144
6						
7						
8		NECO	NGSC	KSC	Total	Percentage Increase/(Decrease)
9						
10						
11	Test Year O&M Wages	$ 21,838,518	$ 20,425,150	$ 815,051	$ 43,078,719	
12	Rate Year O&M Wages	24,003,168	21,474,460	893,932	46,371,561	
13	Difference	$ 2,164,651	$ 1,049,310	$ 78,881	$ 3,292,842	
14						
15	Percent Increase from Test Year to Rate Year					7.64%
16						
17	Percentage of Salary and Wage Expense					7.75%
18						
19	Allocation of Payroll Tax Expense	$ 1,860,426	$ 1,664,432	$ 69,286	$ 3,594,144	
20						
21	Summary of Payroll Tax Pro Forma Adjustment					
22	General Payroll Taxes - Line 3 above				$ 255,220	
23	Minimum Staffing Requirement	Page 15			-	
24	Customer Assistance Advocate	Page 16			-	
25	Seasonal Employees	Page 20			26,515	
26	Total Payroll Tax Adjustment					$ 281,735
27						
28	Total Rate Year Payroll Tax Expense					$ 3,620,659

Line Notes

1	Schedule NG-RLO-2 (C), Page 3, Line 13, Column (d)
2	Line 15
3	Line 1 x Line 2
5	Line 1 + Line 3
11	Column (a) = Schedule NG-RLO-2 (C), Page 5, Line 9, Column (f)
11	Column (b) = Schedule NG-RLO-2 (C), Page 6, Line 9, Column (f)
11	Column (c) = Schedule NG-RLO-2 (C), Page 7, Line 8, Column (f)
11	Column (d) = Column (a) + Column (b) + Column (c)
12	Column (a) = Schedule NG-RLO-2 (C), Page 5, Line 31, Column (f)
12	Column (b) = Schedule NG-RLO-2 (C), Page 6, Line 36, Column (f)
12	Column (c) = Schedule NG-RLO-2 (C), Page 7, Line 37, Column (f)
12	Column (d) = Column (a) + Column (b) + Column (c)
13	Line 12 - Line 11
15	Column (d), Line 13 / Line 11
17	Column (e), Line 5 / Column (d), Line 12
19	Line 17 x Line 12 for Columns (a), (b) and (c), respectively
19	Column (d) = Sum of Columns (a) through (c)

The Narragansett Electric Company, d/b/a National Grid
Pro forma Income Statement
Adjustment for Depreciation Expense

Line No.	Description		Source Factor Or Function (a)	Amount (b)
1	Total Company Rate Year Depreciation Expense		Schedule NG-RLO-2 (C), Pg 1, L25	$ 40,778,125
2	Total Company Test Year Depreciation Expense		Schedule NG-RLO-2 (C), Pg 3, L3	39,183,774
3	**Depreciation Expense Adjustment**		L 1 - L 2	$ 1,594,351
4				
5				**Per Book**
6	**Test Year Depreciation Expense 12 Months Ended 12/31/09:**			**Amount**
7	Total Utility Plant 12/31/08		Schedule NG-RLO-2 (C), Pg 31, L1	$ 1,147,925,831
8	Less Non Depreciable Plant		Workpaper NG-RLO-28, Pg 1	13,168,227
9	Depreciable Utility Plant 12/31/08		L 7 - L 8	1,134,757,604
10				
11	Plus: Plant Added in 2009	1/	Workpaper NG-RLO-28, Pg 2	50,419,000
12	Less: Plant Retired in 2009	1/	Workpaper NG-RLO-28, Pg 2	6,741,000
13	Depreciable Utility Plant 12/31/09		L 9 + L 11 - L 12	1,178,435,604
14				
15	Average Depreciable Plant for Year Ended 12/31/09		(L 9 + L 13) / 2	$ 1,156,596,604
16				
17	Composite Book Rate %		Workpaper NG-RLO-28, Pg 7	3.56%
18				
19	Book Depreciation Reserve 12/31/08		Schedule NG-RLO-2 (C), Pg 31, L5	$ 477,960,157
20	Plus: Book Depreciation Expense		L 15 * L 17	41,174,839
21	Less: Net Cost of Removal/(Salvage)	2/	Workpaper NG-RLO-28, Pg 2	5,354,498
22	Less: Retired Plant		L 12	6,741,000
23	Adjustment per R.I.P.U.C. 2/9/10 Open Meeting	3/	R.I.P.U.C. 2/9/10 Open Meeting	(2,705,498)
24	Book Depreciation Reserve 12/31/09		L 19 + L 20 - L 21 - L 22 + L23	504,334,000
25				
26	**Rate Year Depreciation Expense 12 Months Ended 12/31/10:**			
27	Total Utility Plant 12/31/09		L 7 + L 11 - L 12	1,191,603,831
28	Less Non-Depreciable Plant		L 8	13,168,227
29	Depreciable Utility Plant 12/31/09		L 27 - L 28	1,178,435,604
30				
31	Plus: Added Plant Twelve Months Ended 12/31/10	4/	Workpaper NG-RLO-28, Pg 2	48,300,000
32	Less: Added Non Depreciable Plant Twelve Months Ended 12/31/10			-
33	Depreciable Retired Plant	4/	Workpaper NG-RLO-28, Pg 2	6,458,000
34				
35	Depreciable Utility Plant 12/31/10		L29 + L 31 - L 32 - L33	1,220,277,604
36				
37	Average Depreciable Plant for Rate Year Ended 12/31/10		(L 29 + L 35) / 2	$ 1,199,356,604
38				
39	Composite Book Rate %		Workpaper NG-RLO-28, Pg 8	3.40%
40				
41	Book Depreciation Reserve 12/31/09		L 24	504,334,000
42	Plus: Book Depreciation Expense		L 37 * L 39	40,778,125
43	Net Cost of Removal/(Salvage)	4/	Workpaper NG-RLO-28, Pg 2	5,145,000
44	Less: Retired Plant		L33	6,458,000
45	Book Depreciation Reserve 12/31/10		L 41 + L 42 - L 43 - L 44	$ 533,509,125

1/ Division plant in service adjustment accepted by the R.I.P.U.C. at the R.I.P.U.C. 2/9/10 Open Meeting. Division total plant additions net of retirements of $43,678,000 per surrebuttal. Gross plant additions and retirements were calculated using a retirements percentage of 13.37% per Workpaper NG-RLO-2, Page 2.

2/ Reflects 10.62% per Workpaper NG-RLO-2, Page 2 of Division's adjusted plant in service described in note 1/ above.

3/ Adjustment made to bring the book depreciation reserve as of 12/31/09 in line with the Division's calculation, as decided at the R.I.P.U.C. 2/9/10 Open Meeting.

4/ Adjusted to reflect Division's calendar year 2010 additions, retirements and removal as per R.I.P.U.C. 2/9/10 Open Meeting.

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Rate Year Income Tax Calculation

Line No.	Description	Amount	Present Revenue	Revenue Increase	Proposed Revenue
		(a)	(b)	(c)	(d)
1	Revenue		$ 223,222,147	$ 16,409,282	$ 239,631,429
2	O&M Expenses		(187,877,065)	(154,247)	(188,031,312)
3	Eliminate Medicare Act Reimbursement		(1,430,591)		(1,430,591)
4					
5	Operating Income Before Income Taxes		33,914,491	16,255,035	50,169,526
6	**Less: Synchronized Interest Expense**				
7	Rate Base	$ 550,870,432			
8	Weighted Debt Component	3.00%			
9	Interest Expense		16,526,113		16,526,113
10					
11	Operating Income after Interest Expense		17,388,378	16,255,035	33,643,413
12					
13	**Less: Tax Deductions Not Recorded on Books**				
14	Rate Year Tax Depreciation	$ 46,655,828			
15	Rate Year Book Depreciation	$ (40,778,125)			
16	Other	-			
17	Tax Depreciation Over (Under) Book		5,877,703		5,877,703
18					
19	Taxable Income		11,510,675	16,255,035	27,765,710
20					
21	Federal Income Tax Rate		35.00%	35.00%	35.00%
22					
23	Rate Year Current Federal Income Tax Expense		4,028,736	5,689,262	9,717,998
24					
25	Deferred Income Tax Expense		2,057,196		2,057,196
26	Unfunded Deferred Tax Catch-up		650,000		650,000
27	Amortization of ITC		(487,749)		(487,749)
28					
29	Income Tax Expense for Rate Year		$ 6,248,183	$ 5,689,262	$ 11,937,446

Line Notes

1	Schedule NG-RLO-2 (C), Page 1, Line 10, Columns (f), (g), and (h) respectively
2	Schedule NG-RLO-2 (C), Page 1, Lines 13 to 36, Columns (f), (g), and (h) respectively
3	Workpaper NG-RLO-29, Page 1
5	Sum of Lines 1 through 3
7	Schedule NG-RLO-2 (C), Page 30, Column (c), Line 22
8	Schedule NG-RLO-2 (C), Page 39, Column (c), Line 1 + Line 3
9	Line 7 x line 8
11	Line 5 - Line 9
14	Schedule NG-RLO-2 (C), Page 37, Column (b), Line 35
15	Schedule NG-RLO-2 (C), Page 28, Line 42
17	Sum of Lines 14 through 16
19	Line 11 - Line 17
21	IRC
23	Line 19 x Line 21
25	Line 17 x Line 21
26	Workpaper NG-RLO-29, Page 2
27	Schedule NG-RLO-2 (C), Page 2, Column (b), Line 53
29	Sum of Lines 23 through Line 27

The Narragansett Electric Company, d/b/a National Grid
Distribution Rate Base

Line No.	Description	Test Year End 12/31/08 5 Quarter Average (a)	Adjustments (b)	Rate Year End 12/31/10 5 Quarter Average (c)
1	Utility Plant In Service	$ 1,116,837,439	$ 95,687,392	$ 1,212,524,831
2				
3	Property Held for Future Use	203,874	-	203,874
4	Less: CIAC	102,772	-	102,772
5	Less: Accumulated Depreciation	465,819,776	53,101,787	518,921,562
6				
7	Net Plant	$ 651,118,766	$ 42,585,605	$ 693,704,371
8				
9	Materials and Supplies	$ 5,295,217	$ 1,080,409	$ 6,375,626
10	Prepayments	16,375	(14,101)	2,274
11	Loss on Reacquired Debt	6,089,807	(1,498,063)	4,591,744
12	Cash Working Capital	5,854,755	-	5,854,755
13				
14	Subtotal	$ 17,256,154	$ (431,755)	$ 16,824,399
15				
16	Accumulated Deferred FIT	$ 110,666,997	$ 40,946,351	$ 151,613,348
17	Customer Deposits	2,972,809	310,180	3,282,990
18	Injuries and Damages Reserve	4,473,800	288,200	4,762,000
19				
20	Subtotal	$ 118,113,607	$ 41,544,731	$ 159,658,338
21				
22	Rate Base	$ 550,261,313	$ 609,119	$ 550,870,432

Column / Line Notes

(a) Column (a) from Schedule NG-RLO-2 (C), Page 31, Column (f)
(b) Column (b) = Column (c) - Column (a)

1 Column (c) = Schedule NG-RLO-2 (C), Page 34, Line 22
3 Column (c) = Schedule NG-RLO-2 (C), Page 31, Line 3, Column (f)
4 Column (c) = Schedule NG-RLO-2 (C), Page 36, Line 20, Column (a)
5 Column (c) = Schedule NG-RLO-2 (C), Page 35, Line 25
7 Line 1 + Line 3 - Line 4 - Line 5
9 Column (c) = Schedule NG-RLO-2 (C), Page 36, Line 20, Column (b)
10 Column (c) = Schedule NG-RLO-2 (C), Page 36, Line 20, Column (c)
11 Column (c) = Schedule NG-RLO-2 (C), Page 36, Line 20, Column (d)
12 Column (c) = Schedule NG-RLO-2 (C), Page 38, Line 44, Column (e)
14 Sum of Lines 9 through 12
16 Column (c) = Schedule NG-RLO-2 (C), Page 37, Line 22, Column (d)
17 Column (c) = Schedule NG-RLO-2 (C), Page 36, Line 20, Column (e)
18 Column (c) = Schedule NG-RLO-2 (C), Page 36, Line 20, Column (f)
20 Sum of Lines 16 through 18
22 Line 7 + Line 14 - Line 20

The Narragansett Electric Company, d/b/a National Grid
Test Year Rate Base - Distribution
Five Quarter Average

Line No.	Description	December 2007	March 2008	June 2008	September 2008	December 2008	5 Quarter Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	Utility Plant in Service	$ 1,083,382,216	$ 1,100,513,414	$ 1,117,532,978	$ 1,134,832,757	$ 1,147,925,831	$ 1,116,837,439
2							
3	Property Held for Future Use	203,874	203,874	203,874	203,874	203,874	203,874
4	Less: Contribution in Aid of Construction	102,772	102,772	102,772	102,772	102,772	102,772
5	Less: Accumulated Depreciation	454,098,395	460,264,847	466,138,483	470,636,998	477,960,157	465,819,776
6							
7	Net Plant in Service	$ 629,384,924	$ 640,349,668	$ 651,495,598	$ 664,296,862	$ 670,066,777	$ 651,118,766
8							
9	Plus:						
10	Materials and Supplies	$ 4,997,510	$ 5,161,401	$ 5,509,134	$ 5,302,917	$ 5,505,124	$ 5,295,217
11	Prepayments	48,839	9,779	13,270	7,714	2,274	16,375
12	Loss on Reacquired Debt	6,607,182	6,305,760	6,026,738	5,784,681	5,724,673	6,089,807
13	Cash Working Capital	5,854,755	5,854,755	5,854,755	5,854,755	5,854,755	5,854,755
14							
15	Subtotal	$ 17,508,286	$ 17,331,694	$ 17,403,897	$ 16,950,067	$ 17,086,827	$ 17,256,154
16							
17	Less:						
18	Accumulated Deferred FIT	$ 114,006,440	$ 111,781,242	$ 108,715,614	$ 108,821,803	$ 110,009,887	$ 110,666,997
19	Customer Deposits	2,676,883	3,033,075	3,020,674	3,070,443	3,062,973	2,972,809
20	Injuries and Damages Reserve	4,600,000	5,850,000	3,325,000	3,832,000	4,762,000	4,473,800
21							
22	Subtotal	$ 121,283,323	$ 120,664,317	$ 115,061,288	$ 115,724,246	$ 117,834,860	$ 118,113,607
23							
24	Rate Base	$ 525,609,887	$ 537,017,046	$ 553,838,207	$ 565,522,682	$ 569,318,744	$ 550,261,313

Line Notes

1 December 2008 adjusted for Tower Hill substation incorrectly classified in 2008 as transmission but reclassified to distribution in 2009; Workpaper NG-RLO-30
5 December 2008 adjusted for Tower Hill substation incorrectly classified in 2008 as transmission but reclassified to distribution in 2009; Workpaper NG-RLO-30
24 Line 7 + Line 15 - Line 22

The Narragansett Electric Company, d/b/a National Grid
Test Year Rate Base - Integrated Facilities Agreement (IFA)
Five Quarter Average

Line No.	Description	December 2007 (a)	March 2008 (b)	June 2008 (c)	September 2008 (d)	December 2008 (e)	5 Quarter Average (f)
1	Utility Plant in Service	$ 210,186,762	$ 212,207,008	$ 229,453,523	$ 242,891,325	$ 235,833,080	$ 226,114,340
2							
3	Property Held for Future Use	12,531,903	12,531,903	12,531,903	12,531,903	12,531,903	12,531,903
4	Less: Contribution in Aid of Construction	-	-	-	-	-	-
5	Less: Accumulated Depreciation	75,262,776	76,332,952	77,628,137	78,730,663	78,590,850	77,309,076
6							
7	Net Plant in Service	$ 147,455,889	$ 148,405,959	$ 164,357,289	$ 176,692,565	$ 169,774,133	$ 161,337,167
8							
9	Plus:						
10	Materials and Supplies	$ 904,829	$ 1,029,786	$ 1,186,101	$ 1,191,745	$ 1,199,146	$ 1,102,321
11	Prepayments	8,843	1,951	2,857	1,734	495	3,176
12	Loss on Reacquired Debt	1,196,269	1,258,105	1,297,541	1,300,013	1,246,970	1,259,780
13	Cash Working Capital	908,293	1,376,064	1,175,105	1,278,726	(230,164)	901,605
14							
15	Subtotal	$ 3,018,234	$ 3,665,906	$ 3,661,604	$ 3,772,218	$ 2,216,447	$ 3,266,882
16							
17	Less:						
18	Accumulated Deferred FIT	$ 8,887,920	$ 8,907,425	$ 13,336,958	$ 14,446,334	$ 14,450,245	$ 12,005,776
19	Customer Deposits	-	-	-	-	-	-
20	Injuries and Damages Reserve	-	-	-	-	-	-
21							
22	Subtotal	$ 8,887,920	$ 8,907,425	$ 13,336,958	$ 14,446,334	$ 14,450,245	$ 12,005,776
23							
24	Rate Base	$ 141,586,203	$ 143,164,440	$ 154,681,935	$ 166,018,449	$ 157,540,335	$ 152,598,272

Line Notes

1 December 2008 adjusted for Tower Hill substation incorrectly classified in 2008 as transmission but reclassified to distribution in 2009; Workpaper NG-RLO-30
5 December 2008 adjusted for Tower Hill substation incorrectly classified in 2008 as transmission but reclassified to distribution in 2009; Workpaper NG-RLO-30
24 Line 7 + Line 15 - Line 22

The Narragansett Electric Company, d/b/a National Grid
Test Year Rate Base - Combined
Five Quarter Average

Line No.	Description	December 2007 (a)	March 2008 (b)	June 2008 (c)	September 2008 (d)	December 2008 (e)	5 Quarter Average (f)
1	Utility Plant in Service	$ 1,293,568,978	$ 1,312,720,422	$ 1,346,986,501	$ 1,377,724,082	$ 1,383,758,911	$ 1,342,951,779
2							
3	Property Held for Future Use	12,735,777	12,735,777	12,735,777	12,735,777	12,735,777	12,735,777
4	Less: Contribution in Aid of Construction	102,772	102,772	102,772	102,772	102,772	102,772
5	Less: Accumulated Depreciation	529,361,171	536,597,799	543,766,620	549,367,661	556,551,007	543,128,851
6							
7	Net Plant in Service	$ 776,840,813	$ 788,755,627	$ 815,852,887	$ 840,989,427	$ 839,840,910	$ 812,455,933
8							
9	Plus:						
10	Materials and Supplies	$ 5,902,339	$ 6,191,187	$ 6,695,235	$ 6,494,662	$ 6,704,270	$ 6,397,538
11	Prepayments	57,682	11,730	16,127	9,448	2,769	19,551
12	Loss on Reacquired Debt	7,803,451	7,563,865	7,324,279	7,084,694	6,971,643	7,349,586
13	Cash Working Capital	6,763,048	7,230,819	7,029,860	7,133,481	5,624,591	6,756,360
14							
15	Subtotal	$ 20,526,520	$ 20,997,600	$ 21,065,501	$ 20,722,285	$ 19,303,274	$ 20,523,036
16							
17	Less:						
18	Accumulated Deferred FIT	$ 122,894,360	$ 120,688,667	$ 122,052,572	$ 123,268,137	$ 124,460,132	$ 122,672,773
19	Customer Deposits	2,676,883	3,033,075	3,020,674	3,070,443	3,062,973	2,972,809
20	Injuries and Damages Reserve	4,600,000	5,850,000	3,325,000	3,832,000	4,762,000	4,473,800
21							
22	Subtotal	$ 130,171,243	$ 129,571,742	$ 128,398,246	$ 130,170,580	$ 132,285,105	$ 130,119,383
23							
24	Rate Base	$ 667,196,090	$ 680,181,486	$ 708,520,142	$ 731,541,131	$ 726,859,079	$ 702,859,586

Line Notes

24 Line 7 + Line 15 - Line 22

The Narragansett Electric Company, d/b/a National Grid
Rate Base Adjustments
Net Plant in Service

Line No.	Description	Period		Distribution Plant In Service
1	Balance @ December 31, 2008			$ 1,147,925,831
2				
3	Plus: Plant Additions 12 Months Ended 12/31/09			50,419,000
4	Less: Plant Retirements 12 Months Ended 12/31/09			6,741,000
5	Net Increase			43,678,000
6				
7	Balance as of:	12/31/09		1,191,603,831
8				
9		1/31/10	1/	1,195,090,665
10		2/28/10	1/	1,198,577,498
11		3/31/10	1/	1,202,064,331
12		4/30/10	1/	1,205,551,165
13		5/30/10	1/	1,209,037,998
14		6/30/10	1/	1,212,524,831
15		7/31/10	1/	1,216,011,665
16		8/31/10	1/	1,219,498,498
17		9/30/10	1/	1,222,985,331
18		10/31/10	1/	1,226,472,165
19		11/30/10	1/	1,229,958,998
20		12/31/10	1/	1,233,445,831
21				
22	Rate Year Plant in Service - 5 Quarter Average			$ 1,212,524,831
	1/ Adjustment Detail:			
23	Plant Detail 12 Months Ended 12/31/10			
24	Plant Additions 12 Months Ended 12/31/10			$ 48,300,000
25	Plant Retirements 12 Months Ended 12/31/10			6,458,000
26	Net Increase / (Decrease)			$ 41,842,000
27	Monthly Increase / (Decrease)			$ 3,486,833

Line Notes

1	Schedule NG-RLO-2 (C), Page 28, Line 7, Column (b)
3	Schedule NG-RLO-2 (C), Page 28, Line 11, Column (b)
4	Schedule NG-RLO-2 (C), Page 28, Line 12, Column (b)
5	Line 3 - Line 4
7	Line 1 + Line 5
8 to 20	Prior Month Balance + Monthly Change at Line 27
22	Average of Quarterly Month End Balances for Lines 7, 11, 14, 17, and 20
24	Schedule NG-RLO-2 (C), Page 28, Line 31, Column (b)
25	Schedule NG-RLO-2 (C), Page 28, Line 33, Column (b)
26	Line 24 - Line 25
27	Line 26 / 12 Months

The Narragansett Electric Company, d/b/a National Grid
Rate Base Adjustments
Accumulated Depreciation

Line No.	Description	Period		Accumulated Depreciation
1	Balance @ December 31, 2008			$ 477,960,157
2				
3	Depreciation Expense 1/1/09 - 12/31/09			41,174,839
4	Less: Net Cost of Removal / (Salvage)			5,354,498
5	Less: Retirements			6,741,000
6	Net Increase / (Decrease)			29,079,341
7				
8	Adjustment per R.I.P.U.C. 2/9/10 Open Meeting			(2,705,498)
9				
10	Balance as of:	12/31/09		504,334,000
11				
12		1/31/10	1/	506,765,261
13		2/28/10	1/	509,196,521
14		3/31/10	1/	511,627,781
15		4/30/10	1/	514,059,042
16		5/31/10	1/	516,490,302
17		6/30/10	1/	518,921,562
18		7/31/10	1/	521,352,823
19		8/31/10	1/	523,784,083
20		9/30/10	1/	526,215,344
21		10/31/10	1/	528,646,604
22		11/30/10	1/	531,077,864
23		12/31/10	1/	533,509,125
24				
25	Rate Year Accumulated Depreciation - Five Quarter Average			$ 518,921,562
	1/ Rate Year Ended 12/31/10 Depreciation Reserve Detail:			
26	Depreciation Expense			$ 40,778,125
27	Net Cost of Removal / (Salvage)			5,145,000
28	Less: Retirements			6,458,000
29	Net Increase / (Decrease)			$ 29,175,125
30				
31	Monthly Increase / (Decrease)			$ 2,431,260

Line Notes

1	Schedule NG-RLO-2 (C), Page 28, Line 19, Column (b)
3	Schedule NG-RLO-2 (C), Page 28, Line 20, Column (b)
4	Schedule NG-RLO-2 (C), Page 28, Line 21, Column (b)
5	Schedule NG-RLO-2 (C), Page 28, Line 22, Column (b)
6	Line 3 - Line 4 - Line 5
8	Schedule NG-RLO-2 (C), Page 28, Line 23, Column (b)
10	Line 1 + Line 6 + Line 8
12 to 23	Prior Month Balance + Monthly Change at Line 31
25	Average of Quarterly Month End Balances for Lines 10, 14, 17, 20, and 23
26	Schedule NG-RLO-2 (C), Page 28, Line 42, Column (b)
27	Schedule NG-RLO-2 (C), Page 28, Line 43, Column (b)
28	Schedule NG-RLO-2 (C), Page 28, Line 44, Column (b)
29	Line 26 - Line 27 - Line 28
30	Line 29 / 12 Months

The Narragansett Electric Company, d/b/a National Grid
Rate Base Adjustments
Other Rate Base Items - Distribution

Line No.	Description	Period	CIAC	Materials and Supplies	Prepayments	Loss on Reacquired Debt	Customer Deposits	Injuries & Damages
			(a)	(b)	(c)	(d)	(e)	(f)
1	Distribution Only Balance @ December 31, 2008		$ 102,772	$ 5,505,124	$ 2,274	$ 5,724,673	$ 3,062,973	$ 4,762,000
2								
3	Total 2009 Increase/(Decrease)		- 1/	580,335 2/	- 1/	(755,286) 2/	146,678 2/	- 1/
4								
5	Distribution Only Balance @ December 31, 2009		$ 102,772	$ 6,085,459	$ 2,274	$ 4,969,387	$ 3,209,651	$ 4,762,000
6								
7		1/31/10	102,772	6,133,820	2,274	4,906,446	3,221,874	4,762,000
8		2/28/10	102,772	6,182,181	2,274	4,843,506	3,234,097	4,762,000
9		3/31/10	102,772	6,230,543	2,274	4,780,565	3,246,320	4,762,000
10		4/30/10	102,772	6,278,904	2,274	4,717,625	3,258,543	4,762,000
11		5/31/10	102,772	6,327,265	2,274	4,654,684	3,270,766	4,762,000
12		6/30/10	102,772	6,375,626	2,274	4,591,744	3,282,990	4,762,000
13		7/31/10	102,772	6,423,988	2,274	4,528,803	3,295,213	4,762,000
14		8/31/10	102,772	6,472,349	2,274	4,465,863	3,307,436	4,762,000
15		9/30/10	102,772	6,520,710	2,274	4,402,922	3,319,659	4,762,000
16		10/31/10	102,772	6,569,071	2,274	4,339,982	3,331,882	4,762,000
17		11/30/10	102,772	6,617,433	2,274	4,277,041	3,344,105	4,762,000
18		12/31/10	102,772	6,665,794	2,274	4,214,101	3,356,329	4,762,000
19								
20	Rate Year Amounts - Five Quarter Average		$ 102,772	$ 6,375,626	$ 2,274	$ 4,591,744	$ 3,282,990	$ 4,762,000
21								
22	Changes:							
23	Total 2009 Increase/(Decrease)		$ - 1/	$ 703,948 2/	$ - 1/	$ (916,165) 3/	$ 146,678 2/	$ - 1/
24								
25	Percentage Applicable to IFA		0.00%	17.56%	17.56%	17.56%	0.00%	0.00%
26								
27	Less Amount Applicable to IFA		-	(123,613)	-	160,879	-	-
28								
29	Total 2009 Distribution Only Increase/(Decrease)		-	580,335	-	(755,286)	146,678	-
30								
31	Monthly Change		$ -	$ 48,361	$ -	$ (62,941)	$ 12,223	$ -
32								

1/ Assumes no change in 2008 balance
2/ Adjustment based on average annual change for the prior 3 years

Line Notes

1	Schedule NG-RLO-2 (C), Page 31, Column (e)
3	Footnotes 1/ and 2/ above
5	Line 1 + Line 3
7 to 18	Prior Month Balance + Monthly change at Line 31
20	Average of Quarterly Month End Balances for Lines 5, 9, 12, 15, and 18
23	Workpaper NG-RLO-31
23	Footnotes 1/ and 2/ above
25	Percentage applicable to the IFA, see Workpaper NG-RLO-2, Page 4
27	Line 23 x [- Line 25]
29	Line 23 + Line 27
31	Line 29 / 12 Months

Schedule NG-RLO-2 (C) - COS.xls

The Narragansett Electric Company, d/b/a National Grid
Rate Base Adjustments
Accumulated Deferred Income Taxes

Line No.	Description	Period or Amount (a)	Amount (b)	Amount (c)	Accumulated Deferred Income Tax (d)	
1	Balance as of December 31, 2008				$ 110,009,887	
2						
3	Increase / (Decrease) 12 Months Ended 12/31/09				33,698,863	1/
4						
5	Balance as of:	12/31/09			143,708,750	
6						
7		1/31/10			143,880,183	2/
8		2/28/10			144,051,616	2/
9		3/31/10			144,223,049	2/
10		4/30/10			144,394,482	2/
11		5/30/10			144,565,915	2/
12		6/30/10			144,737,348	2/
13		7/31/10			144,908,781	2/
14		8/31/10			145,080,214	2/
15		9/30/10			145,251,647	2/
16		10/31/10			145,423,080	2/
17		11/30/10			145,594,513	2/
18		12/31/10			145,765,947	2/
19						
20	Rate Year Accumulated Deferred Income Tax - Five Quarter Average				$ 144,737,348	
21	Division Adjustment Ordered per R.I.P.U.C. 2/9/10 Open Meeting				6,876,000	
22	Rate Year Accumulated Deferred Income Tax				$ 151,613,348	
23						
24						
25	1/ 12 Months Ended 12/31/09:	Book	Tax	Difference		
26						
27	Depreciation	$ 41,174,839	$ 55,093,954	$ 13,919,115		
28	Income Tax Rate			35.00%		
29	Annual Change to Accumulated Deferred Taxes			$ 4,871,690		
30	Net Fiscal 2009 Deferred Tax Adjustment - Repairs			$ 28,827,173		
31	Adjusted Annual Change to Accumulated Deferred Taxes			$ 33,698,863		
32						
33	2/ 12 Months Ended 12/31/10:					
34						
35	Depreciation	$ 40,778,125	$ 46,655,828	$ 5,877,703		
36	Income Tax Rate			35.00%		
37	Annual Change to Accumulated Deferred Taxes			$ 2,057,196		
38						
39	Monthly Change to Accumulated Deferred Taxes			$ 171,433		

Line Notes

1	Schedule NG-RLO-2 (C), Page 31, Line 18, Column (e)
3	Line 31
5	Line 1 + Line 3
7 to 18	Prior Month Balance + Monthly change from Line 39
20	Average of Quarterly Month End Balances at Lines 5, 9, 12, 15, and 18
27	Column (a) = Schedule NG-RLO-2 (C), Page 28, Line 20, Column (b)
27	Column (b) = Workpaper NG-RLO-32 (C), Page 1, Column (a), Line 11
27	Column (c) = - Column (a) + Column (b)
28	IRC
29	Line 27 x Line 28
30	Net repair-related capital tax deduction recorded in FY2009 of $104,654,831 x 35% (tax rate) x 78.7% (non-NOL amount)
31	Line 29 + Line 30
35	Column (a) = NG-RLO-2 (C), Page 28, Line 42, Column (b)
35	Column (b) = Workpaper NG-RLO-32 (C), Page 1, Column (b), Line 11
35	Column (c) = - Column (a) + Column (b)
36	IRC
37	Line 35 x Line 36
39	Line 37 / 12 Months

The Narragansett Electric Company, d/b/a National Grid
Cash Working Capital Requirement

Line No.			CWC %	Test Year Total Dollars	Test Year CWC Dollars	Rate Year Total Dollars		Rate Year CWC Dollars
			(a)	(b)	(c)	(d)		(e)
1	**Purchased Power**							
2	Total		1.39%	$ 740,638,967	$ 10,294,882	$ 778,825,294		$ 10,825,672
3	Default Service					(752,068,125)		(10,453,747)
4	CTC Service					26,719,222		371,397
5	CTC Service - Eliminated per R.I.P.U.C. 2/9/10 Open Meeting					(26,719,222)		(371,397)
6	Borderline Service					37,947		527
7								
8	Operation & Maintenance Expense		5.82%	149,703,020	8,716,097	116,567,585	1/	6,786,866
9	Administrative Expense for Commodity Recovery					(201,785)		(11,748)
10								
11	Federal Income Tax		3.81%	24,135,455	919,561	11,937,446	1/	454,817
12								
13	**Taxes Other than Income Taxes**							
14	Municipal Taxes - CWC % changed per R.I.P.U.C. 2/9/10 Open Meeting		-16.19%	21,222,544	(3,435,930)	19,205,851	1/	(3,109,427)
15								
16	Sales and Use Tax		0.55%	22,840,962	125,625	22,840,962	2/	125,625
17								
18	Gross Receipts Tax		10.47%	9,767,154	1,022,621			
19	Total - At Present Rates					43,330,773	3/	4,536,732
20	Commodity GRT	77.10%				(33,406,245)		(3,497,634)
21	Distribution Revenue Increase	3.995%				655,493	5/	68,630
22								
23	**Payroll Taxes - Company Portion**							
24	Federal Unemployment		-18.09%	26,687	(4,828)	29,332	4/	(5,306)
25								
26	State Unemployment		-13.03%	125,912	(16,406)	138,390	4/	(18,032)
27								
28	FICA Expense Weekly		9.55%	2,173,876	207,605	2,389,307	4/	228,179
29	Monthly		9.41%	778,329	73,241	855,462	4/	80,499
30								
31	**Payroll Taxes and Other Withholding**							
32	FICA and Federal Withholding	Weekly	-0.41%	6,740,122	(27,634)	7,408,068	4/	(30,373)
33		Monthly	-0.51%	2,533,013	(12,918)	2,784,034	4/	(14,199)
34								
35	State Income Tax Withholding	Weekly	-0.41%	1,301,335	(5,335)	1,430,297	4/	(5,864)
36		Monthly	-0.54%	514,514	(2,778)	565,503	4/	(3,054)
37								
38	Temporary Disability Insurance	Weekly	-20.42%	224,684	(45,880)	224,684	2/	(45,880)
39		Monthly	-18.18%	83,950	(15,262)	83,950	2/	(15,262)
40								
41	Incentive Thrift		-1.08%	2,946,084	(31,792)	2,946,084	4/	(31,792)
42			-1.68%	970,476	(16,289)	970,476	4/	(10,473)
43								
44	**Total Working Capital Requirement**				**$ 17,744,577**			**$ 5,854,755**

1/ Schedule NG-RLO-2 (C), Page 1, Column (h)
2/ Test Year amount
3/ Schedule NG-RLO-2 (C), Page 1, Column (a), Line 31
4/ Test Year to Rate Year change equal to percentage change in Company salaries and wages
5/ Schedule NG-RLO-2 (C), Page 2, Column (g), Line 10 x 3.995%

The Narragansett Electric Company, d/b/a National Grid
Pro Forma Income Statement
Capital Structure and Rate of Return

Line No.	Description	Capital Structure	Cost Rate	Weighted Return	Taxes	Pre-tax Return
		(a)	(b)	(c)	(d)	(e)
1	Long Term Debt	52.08%	5.60%	2.92%		2.92%
2						
3	Short Term Debt	4.98%	1.60%	0.08%		0.08%
4						
5	Preferred Stock	0.19%	4.50%	0.01%		0.01%
6						
7	Total Common Equity	42.75%	9.80%	4.19%	2.26%	6.45%
8						
9	Total Capitalization	100.00%		7.20%	2.26%	9.46%

Schedule NG-RLO-3 (C)
Amended

Schedule NG-RLO-3 (C) - Amended

Calculation of National Grid/KeySpan Transaction Net Synergy Value

The Narragansett Electric Company, d/b/a National Grid
Calculation of National Grid/KeySpan Transaction Net Synergy Value
For the Rate Year Ended December 31, 2010
Comparision of Company and Division Proposals

Line No.	Description	Company As Filed (a)
1	Steady State Annual Synergies (rounded)	$ 8,600,000
2		
3	Less Synergies Attributable to Calendar Year 2008	2,400,000
4		
5	Net Annual Synergies	6,200,000
6		
7	Levelized Costs to Achieve Amortization	924,000
8		
9	Steady State Annual Net Synergies	$ 7,676,000
10		
11	50% Customer/Company Share - Cost of Service Credit	$ 3,838,000
12		
13	Amount of Shared Savings Denied	(588,000)
14		
15	50% Savings Sharing	3,250,000
16		
17	Net Rate Year Cost of Service Adjustment	$ (2,026,000)

Line Notes
1 Page 5, Column (d), Line 16 (rounded)
3 Page 7, Line 23
5 Line 1 - Line 3
7 Page 6, Line 3
9 Line 1 - Line 7
11 Line 9 x 50%
13 Per R.I.P.U.C. 2/9/10 Open Meeting
15 Line 11 + Line 13
17 Line 7 + Line 15 - Line 5

The Narragansett Electric Company, d/b/a National Grid
Calculation of National Grid/KeySpan Transaction Synergy Value - Synergy
For the Rate Year Ended December 31, 2010

Line No.	Company	Revenues	Percent	Synergies
		(a)	(b)	(c)
1	Massachusetts Electric	$ 534,184,464	9.93%	$ 19,855,978
2	Nantucket Electric	6,528,087	0.12%	242,653
3	New England Power	191,844,885	3.57%	7,130,997
4	Essex Gas	29,365,112	0.55%	1,091,520
5	Colonial Gas	98,219,521	1.83%	3,650,882
6	Boston Gas	352,057,800	6.54%	13,086,214
7	Granite State Electric	22,729,932	0.42%	844,886
8	EnergyNorth Gas	43,287,327	0.80%	1,609,018
9	Niagara Mohawk Electric	1,087,992,090	20.22%	40,441,362
10	Niagara Mohawk Gas	280,572,335	5.21%	10,429,053
11	BUG	731,811,000	13.60%	27,201,883
12	LILCO - GAS	434,509,000	8.08%	16,150,977
13	LIPA	1,023,158,400	19.02%	38,031,452
14	Unregulated	169,319,000	3.15%	6,293,696
15	Narragansett Electric	215,314,821	4.00%	8,003,390
16	National Grid - RI Gas	159,697,000	2.97%	5,936,040
17	Total	$ 5,380,590,774	100.00%	$ 200,000,000
18				
19	Synergy			$ 200,000,000

Column Notes

(a) High level estimated transmission and distribution revenue (rather than adjust the $200 million, unregulated is included)

(b) Column (a) / Column (a), Line 17

(c) Line 19 x Column (b)

The Narragansett Electric Company, d/b/a National Grid
Calculation of National Grid/KeySpan Transaction Synergy Value - Costs to Achieve
For the Rate Year Ended December 31, 2010

Line No.	Company	Revenues	Percent	Costs to Achieve
		(a)	(b)	(c)
1	Massachusetts Electric	$ 534,184,464	9.93%	$ 39,711,956
2	Nantucket Electric	6,528,087	0.12%	485,306
3	New England Power	191,844,885	3.57%	14,261,994
4	Essex Gas	29,365,112	0.55%	2,183,040
5	Colonial Gas	98,219,521	1.83%	7,301,765
6	Boston Gas	352,057,800	6.54%	26,172,427
7	Granite State Electric	22,729,932	0.42%	1,689,772
8	EnergyNorth Gas	43,287,327	0.80%	3,218,035
9	Niagara Mohawk Electric	1,087,992,090	20.22%	80,882,724
10	Niagara Mohawk Gas	280,572,335	5.21%	20,858,106
11	BUG	731,811,000	13.60%	54,403,766
12	LILCO - GAS	434,509,000	8.08%	32,301,955
13	LIPA	1,023,158,400	19.02%	76,062,904
14	Unregulated	169,319,000	3.15%	12,587,391
15	Narragansett Electric	215,314,821	4.00%	16,006,779
16	National Grid - RI Gas	159,697,000	2.97%	11,872,079
17	Total	$ 5,380,590,774	100.00%	$ 400,000,000
18				
19	Cost to Achieve (Page 2, Line 19 x 2)			$ 400,000,000

Column Notes
(a) Page 2, Column (a)
(b) Column (a) / Column (a), Line 17
(c) Line 19 x Column (b)

The Narragansett Electric Company, d/b/a National Grid
Calculation of National Grid/KeySpan Transaction Synergy Value - Phase in Rates
For the Rate Year Ended December 31, 2010

Line No.	Costs to Achieve		Synergy Multiplier		Inflation		Phase-In	
		(a)		(b)		(c)		(d)
1	Year 1	38.49%	Year 1	50.00%	Year 1	1.0000	Year 1	50.00%
2	Year 2	15.30%	Year 2	68.33%	Year 2	1.0250	Year 2	66.67%
3	Year 3	15.00%	Year 3	87.55%	Year 3	1.0506	Year 3	83.33%
4	Year 4	6.78%	Year 4	107.69%	Year 4	1.0769	Year 4	100.00%
5	Year 5	7.27%	Year 5	110.38%	Year 5	1.1038	Year 5	100.00%
6	Year 6	5.97%	Year 6	113.14%	Year 6	1.1314	Year 6	100.00%
7	Year 7	4.63%	Year 7	115.97%	Year 7	1.1597	Year 7	100.00%
8	Year 8	2.12%	Year 8	118.87%	Year 8	1.1887	Year 8	100.00%
9	Year 9	2.18%	Year 9	121.84%	Year 9	1.2184	Year 9	100.00%
10	Year 10	2.25%	Year 10	124.89%	Year 10	1.2489	Year 10	100.00%

Column Notes
(a) Estimated phase-in percentages per National Grid/Niagara Mowawk transaction
(b) Column (c) x Column (d)
(c) Assumes annual inflation growth of 2.5%
(d) Estimated phase-in percentages per National Grid/Niagara Mohawk transaction

The Narragansett Electric Company, d/b/a National Grid
Calculation of National Grid/KeySpan Transaction Net Synergy Value
For the Rate Year Ended December 31, 2010

Line No.	Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Total
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	Synergies:											
2	Massachusetts Electric	$ 9,927,989	$ 13,568,320	$ 17,384,399	$ 21,382,717	$ 21,917,285	$ 22,465,217	$ 23,026,847	$ 23,602,518	$ 24,192,581	$ 24,797,396	$ 202,265,268
3	Nantucket Electric	121,327	165,814	212,449	261,311	267,844	274,540	281,403	288,438	295,649	303,041	2,471,815
4	New England Power	3,565,499	4,872,872	6,243,364	7,679,304	7,871,286	8,068,069	8,269,770	8,476,515	8,688,427	8,905,638	72,640,744
5	Essex Gas	545,760	745,876	955,653	1,175,448	1,204,834	1,234,955	1,265,829	1,297,474	1,329,911	1,363,159	11,118,897
6	Colonial Gas	1,825,441	2,494,782	3,196,438	3,931,601	4,029,891	4,130,638	4,233,904	4,339,752	4,448,246	4,559,452	37,190,145
7	Boston Gas	6,543,107	8,942,291	11,457,303	14,092,421	14,444,731	14,805,850	15,175,996	15,555,396	15,944,281	16,342,888	133,304,261
8	Granite State Electric	422,443	577,342	739,719	909,850	932,596	955,911	979,809	1,004,304	1,029,412	1,055,147	8,606,532
9	EnergyNorth Gas	804,509	1,099,501	1,408,735	1,732,736	1,776,054	1,820,456	1,865,967	1,912,616	1,960,432	2,009,443	16,390,448
10	Niagara Mohawk Electric	20,220,681	27,635,069	35,407,411	43,550,923	44,639,696	45,755,689	46,899,581	48,072,071	49,273,872	50,505,719	411,960,712
11	Niagara Mohawk Gas	5,214,527	7,126,555	9,130,893	11,230,950	11,511,723	11,799,516	12,094,504	12,396,867	12,706,789	13,024,458	106,236,782
12	BUG	13,600,941	18,588,046	23,815,920	29,293,453	30,025,789	30,776,434	31,545,845	32,334,491	33,142,853	33,971,424	277,095,195
13	LILCO - GAS	8,075,489	11,036,556	14,140,579	17,392,836	17,827,657	18,273,348	18,730,182	19,198,437	19,678,398	20,170,358	164,523,840
14	LIPA	19,015,726	25,988,289	33,297,475	40,955,714	41,979,607	43,029,097	44,104,825	45,207,445	46,337,631	47,496,072	387,411,882
15	Unregulated	3,146,848	4,300,713	5,510,286	6,777,622	6,947,062	7,120,739	7,298,757	7,481,226	7,668,257	7,859,963	64,111,473
16	Narragansett Electric	4,001,695	5,469,010	7,007,165	8,618,775	8,834,245	9,055,101	9,281,478	9,513,515	9,751,353	9,995,137	81,527,474
17	National Grid - RI Gas	2,968,020	4,056,314	5,197,149	6,392,465	6,552,277	6,716,084	6,883,986	7,056,086	7,232,488	7,413,300	60,468,169
18	Total	100,000,000	136,667,350	175,104,937	$ 215,378,125	$ 220,762,578	$ 226,281,643	$ 231,938,684	$ 237,737,151	$ 243,680,580	$ 249,772,594	$ 2,037,323,641
19												
20	Costs to Achieve:											
21	Massachusetts Electric	$ (15,285,132)	$ (6,075,929)	$ (5,956,793)	$ (2,692,471)	$ (2,887,059)	$ (2,370,804)	$ (1,838,664)	$ (841,893)	$ (865,721)	$ (893,519)	$ (39,707,985)
22	Nantucket Electric	(186,794)	(74,252)	(72,796)	(32,904)	(35,282)	(28,973)	(22,470)	(10,288)	(10,580)	(10,919)	(485,258)
23	New England Power	(5,489,442)	(2,182,085)	(2,139,299)	(966,963)	(1,036,847)	(851,441)	(660,330)	(302,354)	(310,911)	(320,895)	(14,260,568)
24	Essex Gas	(840,252)	(334,005)	(327,456)	(148,010)	(158,707)	(130,327)	(101,075)	(46,280)	(47,590)	(49,118)	(2,182,822)
25	Colonial Gas	(2,810,449)	(1,117,170)	(1,095,265)	(495,060)	(530,838)	(435,915)	(338,072)	(154,797)	(159,178)	(164,290)	(7,301,035)
26	Boston Gas	(10,073,767)	(4,004,381)	(3,925,864)	(1,774,491)	(1,902,735)	(1,562,494)	(1,211,783)	(554,855)	(570,559)	(588,880)	(26,169,810)
27	Granite State Electric	(650,393)	(258,535)	(253,466)	(114,567)	(122,846)	(100,879)	(78,236)	(35,823)	(36,837)	(38,020)	(1,689,603)
28	EnergyNorth Gas	(1,238,622)	(492,359)	(482,705)	(218,183)	(233,951)	(192,117)	(148,995)	(68,222)	(70,153)	(72,406)	(3,217,713)
29	Niagara Mohawk Electric	(31,131,760)	(12,375,057)	(12,132,409)	(5,483,849)	(5,880,174)	(4,828,699)	(3,744,870)	(1,714,714)	(1,763,243)	(1,819,861)	(80,874,635)
30	Niagara Mohawk Gas	(8,028,285)	(3,191,290)	(3,128,716)	(1,414,180)	(1,516,384)	(1,245,229)	(965,730)	(442,192)	(454,707)	(469,307)	(20,856,020)
31	BUG	(20,940,009)	(8,323,776)	(8,160,565)	(3,688,575)	(3,955,154)	(3,247,905)	(2,518,894)	(1,153,360)	(1,186,002)	(1,224,085)	(54,398,325)
32	LILCO - GAS	(12,433,022)	(4,942,199)	(4,845,293)	(2,190,073)	(2,348,352)	(1,928,427)	(1,495,581)	(684,801)	(704,183)	(726,794)	(32,298,725)
33	LIPA	(29,276,612)	(11,637,624)	(11,409,436)	(5,157,065)	(5,529,773)	(4,540,955)	(3,521,712)	(1,612,534)	(1,658,171)	(1,711,415)	(76,055,298)
34	Unregulated	(4,844,887)	(1,925,871)	(1,888,109)	(853,425)	(915,103)	(751,467)	(582,796)	(266,853)	(274,405)	(283,216)	(12,586,132)
35	Narragansett Electric	(6,161,009)	(2,449,037)	(2,401,017)	(1,085,260)	(1,163,693)	(955,605)	(741,114)	(339,344)	(348,948)	(360,153)	(16,005,179)
36	National Grid - RI Gas	(4,569,563)	(1,816,428)	(1,780,812)	(804,927)	(863,100)	(708,763)	(549,677)	(251,688)	(258,811)	(267,122)	(11,870,892)
37	Total	$ (153,960,000)	$ (61,200,000)	$ (60,000,000)	$ (27,120,000)	$ (29,080,000)	$ (23,880,000)	$ (18,520,000)	$ (8,480,000)	$ (8,720,000)	$ (9,000,000)	$ (399,960,000)
38												
39	Net Synergies:											
40	Massachusetts Electric	$ (5,357,143)	$ 7,492,390	$ 11,427,606	$ 18,690,246	$ 19,030,225	$ 20,094,413	$ 21,188,184	$ 22,760,625	$ 23,326,861	$ 23,903,877	$ 162,557,283
41	Nantucket Electric	(65,468)	91,562	139,653	228,407	232,562	245,567	258,934	278,150	285,070	292,121	1,986,557
42	New England Power	(1,923,943)	2,690,787	4,104,065	6,712,341	6,834,440	7,216,628	7,609,440	8,174,160	8,377,516	8,584,743	58,380,177
43	Essex Gas	(294,492)	411,871	628,197	1,027,438	1,046,127	1,104,627	1,164,754	1,251,194	1,282,321	1,314,040	8,936,076
44	Colonial Gas	(985,008)	1,377,612	2,101,173	3,436,541	3,499,053	3,694,723	3,895,833	4,184,954	4,289,067	4,395,162	29,889,111
45	Boston Gas	(3,530,660)	4,937,909	7,531,439	12,317,930	12,541,996	13,243,356	13,964,212	15,000,540	15,373,722	15,754,008	107,134,451
46	Granite State Electric	(227,950)	318,807	486,253	795,283	809,750	855,032	901,572	968,481	992,575	1,017,127	6,916,929
47	EnergyNorth Gas	(434,113)	607,141	926,029	1,514,553	1,542,103	1,628,339	1,716,972	1,844,394	1,890,279	1,937,037	13,172,735
48	Niagara Mohawk Electric	(10,911,079)	15,260,012	23,275,002	38,067,075	38,759,522	40,926,990	43,154,711	46,357,357	47,510,629	48,685,858	331,086,077
49	Niagara Mohawk Gas	(2,813,759)	3,935,265	6,002,178	9,816,770	9,995,339	10,554,287	11,128,774	11,954,675	12,252,082	12,555,151	85,380,762
50	BUG	(7,339,068)	10,264,270	15,655,355	25,604,877	26,070,635	27,528,529	29,026,950	31,181,131	31,956,851	32,747,339	222,696,870
51	LILCO - GAS	(4,357,534)	6,094,357	9,295,286	15,202,764	15,479,305	16,344,922	17,234,602	18,513,635	18,974,215	19,443,564	132,225,116
52	LIPA	(10,260,886)	14,350,665	21,888,039	35,798,649	36,449,834	38,488,142	40,583,112	43,594,912	44,679,460	45,784,657	311,356,584
53	Unregulated	(1,698,039)	2,374,843	3,622,177	5,924,197	6,031,959	6,369,272	6,715,961	7,214,374	7,393,852	7,576,747	51,525,341
54	Narragansett Electric	(2,159,315)	3,019,973	4,606,148	7,533,516	7,670,552	8,099,496	8,540,364	9,174,171	9,402,405	9,634,984	65,522,296
55	National Grid - RI Gas	(1,601,543)	2,239,886	3,416,337	5,587,538	5,689,177	6,007,321	6,334,309	6,804,398	6,973,677	7,146,178	48,597,277
56	Total	$ (53,960,000)	$ 75,467,350	$ 115,104,937	$ 188,258,125	$ 191,682,578	$ 202,401,643	$ 213,418,684	$ 229,257,151	$ 234,960,580	$ 240,772,594	$ 1,637,363,641

Line Notes
1 Page 2, Column (c) x Page 4, Column (b)
20 Page 3, Column (c) x Page 4, Column (a)
39 Net synergies equal synergies less cost to achieve

The Narragansett Electric Company, d/b/a National Grid
Calculation of 10 Year Levelized Cost to Achieve Value by Year
For the Rate Year Ended December 31, 2010

Line No.	Description		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Total
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	Cost to Achieve				$ 2,401,017	$ 1,085,260	$ 1,163,693	$ 955,605	$ 741,114	$ 339,344	$ 348,948	$ 360,153	$ 7,395,132
2													
3	Levelized Cost to Achieve - Rounded				$ 924,000	$ 924,000	$ 924,000	$ 924,000	$ 924,000	$ 924,000	$ 924,000	$ 924,000	$ 7,392,000
4													
5	R.I.P.U.C. Approved Regulatory Asset	$ 7,392,000			$ (924,000)	$ (924,000)	$ (924,000)	$ (924,000)	$ (924,000)	$ (924,000)	$ (924,000)	$ (924,000)	

Line Notes
1 Page 5, line 35, Years 3 through 10 only per R.I.P.U.C. 2/9/10 Open Meeting
3 Line 1, column (k) / 8, rounded
5 Regulatory asset agreed to at R.I.P.U.C. 2/9/10 Open Meeting amortized over 8 years.

The Narragansett Electric Company, d/b/a National Grid
Calculation of National Grid/KeySpan Transaction Net Synergy Value - Calendar Year 2008 Savings
For the Rate Year Ended December 31, 2010

Line No.	Description	Percent	Amount
		(a)	(b)
1	Function:		
2			
3	Shared Services		$ 9,300,000
4	Gas Distribution		7,200,000
5	Information Services		5,600,000
6	Customers and Markets		8,600,000
7	Electric Distribution		1,800,000
8	Tax and Treasury		5,600,000
9	Regulation and Legal		5,700,000
10	Executive		6,700,000
11	Safety, Health, Environmental and Security		3,200,000
12	External Affairs		3,700,000
13	Generation		1,200,000
14	Group Audit		1,400,000
15			
16	Subtotal		$ 60,000,000
17			
18	KeySpan LTIP		4,900,000
19	Other		3,000,000
20			
21	Total Calendar Year 2008 Savings		$ 67,900,000
22			
23	Narragansett Electric Share 1\	4%	$ 2,400,000

1/ Run Rate Calculation through March 2009:

Narragansett Electric Portion of Run Rate Savings	$	4,600,000
Total Run Rate Savings	$	130,700,000
Narragansett Electric Share		4%

Line Notes

16 Sum of Lines 3 through 14
21 Sum of Lines 16 through 19
23 Line 21 x Line 23, column (a)

Schedule NG-RLO-4 (C) - Amended

Cash Working Capital Study

National Grid - Narragansett Electric Company
Schedule List
Revenue Requirement For The Twelve Months Ended December 31, 2010

Line #	Schedule Name	Page
1	Summary	1
2	Revenue Payment Lag	2
3	Summary of Purchased Power	3
4	Operating & Maintenance (O&M) Summary	4
5	Transmission Wheeling Expenses	5
6	Federal Income Taxes	6
7	Municipal Taxes	7
8	Sales and Use Tax	8
9	Gross Earnings Tax	9
10	Federal Unemployment Tax	10
11	State Unemployment Tax	11
12	FICA Expense - Weekly Payroll	12
13	FICA Expense - Monthly Payroll	13
14	Employee FIT and FICA Withholding - Weekly Payroll	14
15	Employee FIT and FICA Withholding - Monthly Payroll	15
16	State Income Tax Withholding - Weekly Payroll	16
17	State Income Tax Withholding - Monthly Payroll	17
18	Temporary Disability Insurance - Weekly Payroll	18
19	Temporary Disability Insurance - Monthly Payroll	19
20	Incentive Thrift Withholding - Weekly Payroll	20
21	Incentive Thrift Withholding - Monthly Payroll	21

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Summary

Line No.	Description	CWC % Revenue Receipt Lag	CWC % Expense Payment (Lag)	CWC % Net Payment (Lead) Lag	TEST YEAR Total Dollars	TEST YEAR CWC Dollars	Reference Page
		(a)	(b)	(c)	(d)	(e)	(f)
1	Purchased Power	9.93%	-8.54%	1.39%	$ 740,638,967	$ 10,294,882	3
2	Operation & Maintenance Expense	9.93%	-4.11%	5.82%	149,703,020	8,716,097	4
3	Transmission	9.93%	-5.12%	4.81%	89,314,978	4,296,050	5
4	Federal Income Tax	9.93%	-6.12%	3.81%	24,135,455	919,561	6
5	**Taxes Other than Income Taxes**						
6	Municipal Taxes	9.93%	-26.12%	-16.19%	21,222,544	(3,435,930)	7
7	Sales and Use Tax	9.93%	-9.38%	0.55%	22,840,962	125,625	8
8	Gross Receipts Tax	9.93%	0.54%	10.47%	9,767,154	1,022,621	9
8	**Payroll Taxes - Company Portion**						
9	Federal Unemployment	9.93%	-28.02%	-18.09%	26,687	(4,828)	10
10	State Unemployment	9.93%	-22.96%	-13.03%	125,912	(16,406)	11
11	FICA Expense - Weekly	9.93%	-0.38%	9.55%	2,173,876	207,605	12
12	FICA Expense - Monthly	9.93%	-0.52%	9.41%	778,329	73,241	13
13	**Payroll Taxes and Other Withholding**						
14	FICA and Federal Withholding - Weekly		-0.41%	-0.41%	6,740,122	(27,634)	14
15	FICA and Federal Withholding - Weekly		-0.51%	-0.51%	2,533,013	(12,918)	15
16	State Income Tax Withholding - Weekly		-0.41%	-0.41%	1,301,335	(5,335)	16
17	State Income Tax Withholding - Monthly		-0.54%	-0.54%	514,514	(2,778)	17
18	Temporary Disability Ins. - Weekly		-20.42%	-20.42%	224,684	(45,880)	18
19	Temporary Disability Ins. - Monthly		-18.18%	-18.18%	83,950	(15,262)	19
20	Incentive Thrift - Weekly		-1.08%	-1.08%	2,946,084	(31,792)	20
21	Incentive Thrift - Monthly		-1.68%	-1.68%	970,476	(16,289)	21
22	TOTAL				$ 1,076,042,063	$ 22,040,628	

(a) Schedule NG-RLO-4 (C), Page 2, Line 26
(c) Column (a) + (b)
(e) Column (c) x Column (d)

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Revenue Payment Lag

Line No.	Service Period	Accounts Receivable	Sales of Electric Energy	Days in Month	Days of Sales in Accounts Receivable
	(a)	(b)	(c)	(d)	(e)
			1/		(b) / (c) x (d)
1	1/31/08	$ 93,939,745	$ 84,839,040	31	34.33
2	2/29/08	103,952,342	82,766,682	29	36.42
3	3/31/08	100,709,764	76,410,847	31	40.86
4	4/30/08	96,004,325	80,529,511	30	35.76
5	5/31/08	84,687,977	67,695,028	31	38.78
6	6/30/08	88,912,635	76,225,173	30	34.99
7	7/31/08	91,938,889	94,246,554	31	30.24
8	8/31/08	115,280,368	119,963,547	31	29.79
9	9/30/08	115,828,958	109,912,421	30	31.61
10	10/31/08	110,572,667	93,201,020	31	36.78
11	11/30/08	103,378,196	89,062,447	30	34.82
12	12/31/08	102,540,266	92,667,493	31	34.30
13					
14	Total	$ 1,207,746,131	$ 1,067,519,763		418.68
15					
16					/ 12 =
17	Average lag in days from date bill sent to				
18	customer to date bill is paid by customer		L 14 / L 16		34.89
19					
20	Average lag in days from date meter is read				
21	to date bill is sent to customer		2/		1.45
22	Average lag in days from date meter is read				
23	to date bill is paid by customer		L 18 + L 21		36.34
24					
25					
26	Customer payment lag - annual percent		L 23 / 365		9.93%

1/ Data from monthly CSS Report CR97991A.
2/ Meter Reading Lag Study.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Summary of Purchased Power

Line No.	Description	Factor Or Reference	CWC %
		(a)	(b)
1	Net CWC Percent Lag	Line 13	1.39%
2			
3	Total Payments in Year		$ 740,638,967
4			
5	Total Weighted Dollar Days		$ 23,158,421,205
6			
7	Payment Lag Days	- L 5 / L 3	-31.27
8			
9	Payment Lag Days as Percent of Year	L 7 / 366	-8.54%
10			
11	Revenue Lag Days Percent	Page 2	9.93%
12			
13	Net CWC Percent Lag	L 9 + L 11	1.39%

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Operating & Maintenance (O&M) Summary

Line No.	Cost Category	Amount	NECO IFA	Other Interstate	Intrastate	Lead Days	Dollar Weighted Days
		(a)	(b)	(c)	(d)	(e)	(f)
1	Payroll-Weekly	$ 17,117,997	$ 1,172,638		$ 15,945,359	(8.67)	$ (138,246,261)
2	Payroll-Monthly	5,353,825	2,032,987		3,320,838	(10.16)	(33,739,716)
3							
4							
5	Service Company Billing	72,222,417			72,222,417	(21.22)	(1,532,559,684)
6							
7	Other O&M	62,250,071	4,035,664		58,214,407	(9.36)	(544,764,595)
8							
9	Total	$ 156,944,310	$ 7,241,289		$ 149,703,020	(14.10)	$ (2,111,063,995)

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Transmission Wheeling Expenses

Line No.	Days of Cost	Annual Percent	Revenue Lag %	CWC %
1	(18.75)	-5.12%	9.93%	4.81%

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Federal Income Taxes

Line No.	Payment Date 1/	Days from Svc Period End	Percent Payment 1/	Weighted Average Days From Year End
	(a)	(b)	(c)	(d)
1	07/15/2008	259	25.00%	64.75
2	09/15/2008	197	25.00%	49.25
3	12/15/2008	106	25.00%	26.50
4	03/15/2009	16	25.00%	4.00
5				
6			100.00%	144.50
7				
8				

9				Average
10	Service	Days from		Days from
11	Period	Year End		Year End
12				
13	04/30/2008	335		
14	05/31/2008	304		
15	06/30/2008	274		
16	07/31/2008	243		
17	08/31/2008	212		
18	09/30/2008	182		
19	10/31/2008	151		
20	11/30/2008	121		
21	12/31/2008	90		
22	01/31/2009	59		
23	02/28/2009	31		
24	03/31/2009	0		
25				
26	Average End of			
27	Service Period Date	2,002	/12 =	166.83
28				

29		
30	Weighted Average Payment	144.50
31	Average Days from End of Service	(166.83)
32	Period for Payment of FIT	(22.33)
33		

34			Customer	
35	Day of	Annual	Payment	
36	Cost	Percent	Lag %	CWC %
37				
38	(22.33)	-6.12%	9.93%	3.81%

1/ The Internal Revenue Service (Code Sec. 6655) requires estimated federal income tax payments, per this schedule, based on the fiscal year end.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
Assessments for Statement Year 2008
Municipal Taxes

Line No.	Payment Date	Days From Calendar Year End	Amount Paid	Percent Payment	Weighted Average Days From Year End
	(a)	(b)	(c)	(d)	(e)
1	7/31/08	153	$ 3,583,391	16.88%	25.83
2	8/31/08	122	490,347	2.31%	2.82
3	9/30/08	92	6,575,809	30.99%	28.51
4	10/31/08	61	164,814	0.78%	0.48
5	11/30/08	31	10,399,648	49.00%	15.19
6	12/31/08	0	4,384	0.02%	0.00
7	1/31/09	(31)	4,151	0.02%	(0.01)
8	2/28/09	(59)	-	0.00%	0.00
9	3/31/09	(90)	-	0.00%	0.00
10	4/30/09	(120)	-	0.00%	0.00
11	5/31/09	(151)	-	0.00%	0.00
12	6/30/09	(181)	-	0.00%	0.00
13					
14			$ 21,222,544	100.00%	72.82

Service Period	Days From Year End		Average Days From Year End
07/31/2008	334		
08/31/2008	303		
09/30/2008	273		
10/31/2008	242		
11/30/2008	212		
12/31/2008	181		
01/31/2009	150		
02/28/2009	122		
03/31/2009	91		
04/30/2009	61		
05/31/2009	30		
06/30/2009	0		
Average End of Service Period Date	1,999	/12 =	166.58
From GRT page - Used by the RI Division and approved by the R.I.P.U.C.			**168.17**

Weighted Payment Date From Year End	72.82
Average End of Service Period Date	(168.17)
Average days from End of Service Period Date for payment of Municipal Taxes	(95.35)

Days of Cost	Annual Percent	Customer Payment Lag %	CWC %
(95.35)	-26.12%	9.93%	-16.19%

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Sales and Use Tax

Line No.	Liability Date 1/	Liability Paid 2/	% of Total	Liability Date 1/	Payment Date 2/	Payment Lag Days	Weighted Payment Lag Days
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	1/15/08	$ 1,768,719	7.74%	1/15/08	2/20/08	36	2.79
2	2/15/08	1,769,049	7.75%	2/15/08	3/20/08	34	2.63
3	3/15/08	1,720,724	7.53%	3/15/08	4/21/08	37	2.79
4	4/15/08	1,749,048	7.66%	4/15/08	5/19/08	34	2.60
5	5/15/08	1,534,325	6.72%	5/15/08	6/20/08	36	2.42
6	6/15/08	1,655,740	7.25%	6/15/08	7/18/08	33	2.39
7	7/15/08	2,003,056	8.77%	7/15/08	8/19/08	35	3.07
8	8/15/08	2,479,860	10.86%	8/15/08	9/19/08	35	3.80
9	9/15/08	2,942,007	12.88%	9/15/08	10/17/08	32	4.12
10	10/15/08	2,506,347	10.97%	10/15/08	11/19/08	35	3.84
11	11/15/08	866,097	3.79%	11/15/08	12/19/08	34	1.29
12	12/15/08	1,845,991	8.08%	12/15/08	1/16/09	32	2.59
13							
14		$ 22,840,962	100.00%				34.33
15							
16							
17			Customer				
18	Days of	Annual	Payment				
19	Cost	Percent	Lag %	CWC %			
20							
21	(34.33)	-9.38%	9.93%	0.55%			

1/ Sales and use tax liability is comprised primarily of sales tax collected from customers on taxable sales each month. These taxable sales are reported on calendar month basis with the liability for each calendar month payable by the 20th of the following calendar month. Since these taxable sales are spread uniformly throughout the month, the average liability date for sales tax liability is assumed to be the 15th of each calendar month. In addition to sales tax a minor amount of use tax is paid on taxable purchases from vendors. These amounts are individually small and are also incurred uniformly throughout the month. Accordingly, the average date vendor invoices are received (i.e. 15th of the month as assumed elsewhere in this study) is used as the average liability date for use tax in each calendar month. Since the average liability and payment dates for sales and use tax are the same, both are combined in the above analysis.

Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Gross Earnings Tax

Line No.	Gross Earnings Tax Payment Date 1/	Days From Service Period	Percent Payment 1/	Payment Amount	Weighted Average Days from Year End
1	03/15/2008	291	30.49%	$ 13,000,000	88.71
2	06/15/2008	199	43.38%	18,500,000	86.33
3	09/15/2008	107	5.96%	2,542,699	6.38
4	02/25/2009	(56)	20.17%	8,600,973	(11.29)
5					
6			100.00%	$ 42,643,672 2/	170.13
7					
8					

	Service Period	Days from Year end		Average Days from Year end
13	01/31/2008	335		
14	02/29/2008	306		
15	03/31/2008	275		
16	04/30/2008	245		
17	05/31/2008	214		
18	06/30/2008	184		
19	07/31/2008	153		
20	08/31/2008	122		
21	09/30/2008	92		
22	10/31/2008	61		
23	11/30/2008	31		
24	12/31/2008	0		
25				
26	Average End of			
27	Service Period Date	2,018	/12 =	168.17
28				

29		
30	Weighted Average Payment Days from Year End	170.13
31	Average Days from End of Service	(168.17)
32	Period for Payment of Gross Earnings Tax	1.96
33		

	Days of Cost	Annualized Percent	Customer Payment Lag %	CWC %
34				
35				
36				
37				
38	1.96	0.54%	9.93%	10.47%

1/ Rhode Island law (Sec. 44-26) requires the payment of estimated Corporate Gross Earnings Tax (GET) during the tax year. This code section also stipulates the above payment dates and minimum payment percentages. Code Sec. 44-1 extends the required payment dates that fall upon a Saturday, Sunday or legal holiday, to the next business day. Finally, payments are considered timely under Sec. 44-1 with evidence of mailing on or before the required date. The Company pays 40% of 85% of its prior year GET on March 15 and 60% of 85% of its prior year GET on June 15. Any remaining tax due for the calendar year is paid with its GET return on February 28 of the subsequent year.

2/ Because Gross receipts taxes are collected and remitted on a calendar year basis, this amount reflects gross receipts tax accrual for the twelve months ended December 31, 2008.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Federal Unemployment Tax

Line No.	Liability Date 1/	Total Liability Amount	O & M % of Total	Payment Date 2/	Payment Lag in Days	Weighted Payment Lag in Days
	(a)	(b)	(c)	(d)	(e)	(f)
1	1/15/08	$ 23,677	88.72%	4/30/08	106	94.04
2	2/15/08	1,373	5.14%	4/30/08	75	3.86
3	3/15/08	89	0.33%	4/30/08	46	0.15
4	4/15/08	166	0.62%	7/30/08	106	0.66
5	5/15/08	194	0.73%	7/30/08	76	0.55
6	6/15/08	280	1.05%	7/30/08	45	0.47
7	7/15/08	264	0.99%	10/31/08	108	1.07
8	8/15/08	160	0.60%	10/31/08	77	0.46
9	9/15/08	224	0.84%	10/31/08	46	0.39
10	10/15/08	177	0.66%	1/30/09	107	0.71
11	11/15/08	61	0.23%	1/30/09	76	0.17
12	12/15/08	22	0.08%	1/30/09	46	0.04
13						
14		$ 26,687	100.00%			102.57
15						
16						
17						
18						
19				Customer		
20		Days of	Annual	Payment		
21		Cost	Percent	Lag %	CWC %	
22						
23		(102.57)	-28.02%	9.93%	-18.09%	

1/ For the purposes of this calculation, the weighted average liability date is deemed to be the 15th of each month. This is based on the fact that on average, salaries and wages (and the corresponding unemployment tax liabilities) accrue evenly throughout the month as employee hours are worked.

2/ IRS Code Sec. 3301 stipulates quarterly payment of unemployment tax liability. 100% of the liability for each quarter must be paid by the last day of the first month following that quarter.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
State Unemployment Tax

Line No.	Liability Date 1/	Total Liability Amount	O & M % of Total	Payment Date 2/	Payment Lag in Days	Weighted Payment Lag in Days
	(a)	(b)	(c)	(d)	(e)	(f)
1	1/15/08	$ 65,032	51.65%	4/25/08	101	52.17
2	2/15/08	36,813	29.24%	4/25/08	70	20.47
3	3/15/08	13,008	10.33%	4/25/08	41	4.24
4	4/15/08	3,559	2.83%	7/28/08	104	2.94
5	5/15/08	1,246	0.99%	7/28/08	74	0.73
6	6/15/08	890	0.71%	7/28/08	43	0.31
7	7/15/08	1,074	0.85%	10/30/08	107	0.91
8	8/15/08	945	0.75%	10/30/08	76	0.57
9	9/15/08	1,237	0.98%	10/30/08	45	0.44
10	10/15/08	1,237	0.98%	1/16/09	93	0.91
11	11/15/08	529	0.42%	1/16/09	62	0.26
12	12/15/08	342	0.27%	1/16/09	32	0.09
13						
14		$ 125,912	100.00%			84.04
15						
16						
17						
18						
19				Customer		
20		Days of	Annual	Payment		
21		Cost	Percent	Lag %	CWC %	
22						
23		(84.04)	-22.96%	9.93%	-13.03%	

1/ For the purposes of this calculation, the weighted average liability date is deemed to be the 15th of each month. This is based on the fact that on average, salaries and wages (and the corresponding unemployment tax liabilities) accrue evenly throughout the month as employee hours are worked.

2/ Rhode Island law (Sec. 28-42 through 28-44) stipulates quarterly payment of unemployment tax liability. 100% of the liability for each quarter must be paid by the last day of the first month following that quarter.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
FICA Expense - Weekly Payroll

Line No.	Amount Paid		% of Total	Payroll Date	Payment Date 1/	Payment Lag in Days	Weighted Payment Lag in Days
	(a)		(b)	(c)	(d)	(e)	(f)
1	$ -	2/	0.00%	01/04/2008	01/07/2008	3	0.00
2	26,819	3/	1.23%	01/10/2008	01/11/2008	1	0.01
3	42,853		1.97%	01/17/2008	01/18/2008	1	0.02
4	45,649		2.10%	01/24/2008	01/25/2008	1	0.02
5	36,712		1.69%	01/31/2008	02/01/2008	1	0.02
6	41,238		1.90%	02/07/2008	02/08/2008	1	0.02
7	38,220		1.76%	02/14/2008	02/15/2008	1	0.02
8	41,048		1.89%	02/22/2008	02/25/2008	3	0.06
9	44,404		2.04%	02/28/2008	02/29/2008	1	0.02
10	37,498		1.72%	03/06/2008	03/07/2008	1	0.02
11	41,595		1.91%	03/13/2008	03/14/2008	1	0.02
12	46,797		2.15%	03/20/2008	03/21/2008	1	0.02
13	39,661		1.82%	03/27/2008	03/28/2008	1	0.02
14	37,406		1.72%	04/03/2008	04/04/2008	1	0.02
15	38,714		1.78%	04/10/2008	04/11/2008	1	0.02
16	37,951		1.75%	04/17/2008	04/18/2008	1	0.02
17	39,062		1.80%	04/24/2008	04/25/2008	1	0.02
18	44,153		2.03%	05/01/2008	05/02/2008	1	0.02
19	38,619		1.78%	05/08/2008	05/09/2008	1	0.02
20	38,387		1.77%	05/15/2008	05/16/2008	1	0.02
21	42,126		1.94%	05/22/2008	05/23/2008	1	0.02
22	39,910		1.84%	05/30/2008	06/02/2008	3	0.06
23	42,104		1.94%	06/05/2008	06/06/2008	1	0.02
24	42,484		1.95%	06/12/2008	06/13/2008	1	0.02
25	48,446		2.23%	06/19/2008	06/20/2008	1	0.02
26	42,096		1.94%	06/26/2008	06/27/2008	1	0.02
27	44,055		2.03%	07/03/2008	07/07/2008	4	0.08
28	44,205		2.03%	07/10/2008	07/11/2008	1	0.02
29	42,425		1.95%	07/17/2008	07/18/2008	1	0.02
30	41,896		1.93%	07/24/2008	07/25/2008	1	0.02
31	56,383		2.59%	07/31/2008	08/01/2008	1	0.03
32	43,506		2.00%	08/07/2008	08/08/2008	1	0.02
33	41,872		1.93%	08/14/2008	08/15/2008	1	0.02
34	44,562		2.05%	08/21/2008	08/22/2008	1	0.02
35	39,938		1.84%	08/28/2008	08/29/2008	1	0.02
36	39,853		1.83%	09/05/2008	09/08/2008	3	0.05
37	41,761		1.92%	09/11/2008	09/12/2008	1	0.02
38	51,325		2.36%	09/18/2008	09/19/2008	1	0.02
39	41,485		1.91%	09/25/2008	09/26/2008	1	0.02
40	39,761		1.83%	10/02/2008	10/03/2008	1	0.02
41	38,096		1.75%	10/09/2008	10/10/2008	1	0.02
42	39,720		1.83%	10/16/2008	10/17/2008	1	0.02
43	34,333		1.58%	10/23/2008	10/24/2008	1	0.02
44	34,736		1.60%	10/30/2008	10/31/2008	1	0.02
45	38,911		1.79%	11/06/2008	11/07/2008	1	0.02
46	35,717		1.64%	11/14/2008	11/17/2008	3	0.05
47	31,880		1.47%	11/20/2008	11/21/2008	1	0.01
48	30,372		1.40%	11/28/2008	12/01/2008	3	0.04
49	29,119		1.34%	12/04/2008	12/05/2008	1	0.01
50	27,809		1.28%	12/11/2008	12/12/2008	1	0.01
51	41,292		1.90%	12/18/2008	12/19/2008	1	0.02
52	72,854		3.35%	12/26/2008	12/29/2008	3	0.10
53	65,991		3.04%	01/02/2009	01/05/2009	3	0.09
54	26,068	4/	1.20%	01/08/2009	01/09/2009	1	0.01
55							
56	$ 2,173,876		100.00%				1.39
57							
58					Customer		
59			Days of	Annual	Payment		
60			Cost	Percent	Lag %	CWC %	
61							
62			(1.39)	-0.38%	9.93%	9.55%	

1/ Payment of FICA expense is governed by the same rules as the other components of Federal payroll tax deposits. See notes on monthly FICA and FIT withholding.
2/ Payroll for work week ended 12/29/2007, thus 0 work days included.
3/ Payroll for work week ended 01/05/2008, thus 5 work days included.
4/ Payroll for work week ended 01/03/2009, thus 4 work days included.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
FICA Expense - Monthly Payroll

Line No.	Payment Amount	% of Total	Payroll Date 1/	Payment Date 2/	Lag Days	Weighted Lag Days
	(a)	(b)	(c)	(d)	(e)	(f)
1	$ 58,407	7.50%	01/18/2008	01/21/2008	3	0.23
2	56,332	7.24%	02/21/2008	02/22/2008	1	0.07
3	59,147	7.60%	03/21/2008	03/24/2008	3	0.23
4	55,095	7.08%	04/21/2008	04/22/2008	1	0.07
5	54,184	6.96%	05/21/2008	05/22/2008	1	0.07
6	54,477	7.00%	06/20/2008	06/23/2008	3	0.21
7	55,447	7.12%	07/21/2008	07/22/2008	1	0.07
8	59,150	7.60%	08/21/2008	08/22/2008	1	0.08
9	56,194	7.22%	09/19/2008	09/22/2008	3	0.22
10	49,757	6.39%	10/21/2008	10/22/2008	1	0.06
11	42,529	5.46%	11/21/2008	11/24/2008	3	0.16
12	40,922	5.26%	12/19/2008	12/22/2008	3	0.16
13	29,635	3.81%	02/01/2008	02/04/2008	3	0.11
14	43,810	5.63%	06/09/2008	06/10/2008	1	0.06
15	40,966	5.26%	06/10/2008	06/11/2008	1	0.05
16	7,899	1.01%	06/11/2008	06/12/2008	1	0.01
17	8,472	1.09%	06/18/2008	06/19/2008	1	0.01
18	1,750	0.22%	07/25/2008	07/28/2008	3	0.01
19	13	0.00%	12/16/2008	12/17/2008	1	0.00
20	593	0.08%	12/24/2008	12/26/2008	2	0.00
21	3,551	0.46%	12/31/2008	01/02/2009	2	0.01
22						
23	$ 778,329	100.00%				1.89
24						
25						
26						
27				Customer		
28		Days of	Annual	Payment		
29		Cost	Percent	Lag %	CWC %	
30						
31		(1.89)	-0.52%	9.93%	9.41%	

1/ Payroll dates are the actual dates on which payroll was paid.

2/ Payment of FICA expense is governed by the same rules as the other components of Federal payroll tax deposits. See notes on monthly FICA and Federal Income Tax withholding.

3/ Two different types of monthly payroll are paid: regular monthly (i.e. salaries) and manual/misc. (e.g. termination pay). Since these different payrolls are paid on different dates, separate weighted payment lags for each have been calculated.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Employee FIT and FICA Withholding - Weekly Payroll

Line No.	Withholding Amount 3/		% of Total	Payroll Date 1/	Payment Date 2/	Payment Lag in Days	Weighted Payment Lag in Days
	(a)		(b)	(c)	(d)	(e)	(f)
1	$ -	4/	0.00%	1/4/08	1/7/08	3	0.00
2	85,236	5/	1.26%	1/10/08	1/11/08	1	0.01
3	124,882		1.85%	1/17/08	1/18/08	1	0.02
4	134,081		1.99%	1/24/08	1/25/08	1	0.02
5	98,185		1.46%	1/31/08	2/1/08	1	0.01
6	116,008		1.72%	2/7/08	2/8/08	1	0.02
7	104,496		1.55%	2/14/08	2/15/08	1	0.02
8	116,032		1.72%	2/22/08	2/25/08	3	0.05
9	130,524		1.94%	2/28/08	2/29/08	1	0.02
10	101,534		1.51%	3/6/08	3/7/08	1	0.02
11	118,155		1.75%	3/13/08	3/14/08	1	0.02
12	140,673		2.09%	3/20/08	3/21/08	1	0.02
13	110,398		1.64%	3/27/08	3/28/08	1	0.02
14	102,917		1.53%	4/3/08	4/4/08	1	0.02
15	107,259		1.59%	4/10/08	4/11/08	1	0.02
16	103,391		1.53%	4/17/08	4/18/08	1	0.02
17	108,670		1.61%	4/24/08	4/25/08	1	0.02
18	140,510		2.08%	5/1/08	5/2/08	1	0.02
19	107,730		1.60%	5/8/08	5/9/08	1	0.02
20	105,801		1.57%	5/15/08	5/16/08	1	0.02
21	118,401		1.76%	5/22/08	5/23/08	1	0.02
22	110,065		1.63%	5/30/08	6/2/08	3	0.05
23	119,926		1.78%	6/5/08	6/6/08	1	0.02
24	121,164		1.80%	6/12/08	6/13/08	1	0.02
25	146,235		2.17%	6/19/08	6/20/08	1	0.02
26	119,574		1.77%	6/26/08	6/27/08	1	0.02
27	128,614		1.91%	7/3/08	7/7/08	4	0.08
28	129,844		1.93%	7/10/08	7/11/08	1	0.02
29	122,113		1.81%	7/17/08	7/18/08	1	0.02
30	119,757		1.78%	7/24/08	7/25/08	1	0.02
31	181,284		2.69%	7/31/08	8/1/08	1	0.03
32	126,902		1.88%	8/7/08	8/8/08	1	0.02
33	119,756		1.78%	8/14/08	8/15/08	1	0.02
34	131,781		1.96%	8/21/08	8/22/08	1	0.02
35	111,990		1.66%	8/28/08	8/29/08	1	0.02
36	110,761		1.64%	9/5/08	9/8/08	3	0.05
37	120,318		1.79%	9/11/08	9/12/08	1	0.02
38	161,326		2.39%	9/18/08	9/19/08	1	0.02
39	124,583		1.85%	9/25/08	9/26/08	1	0.02
40	116,770		1.73%	10/2/08	10/3/08	1	0.02
41	111,692		1.66%	10/9/08	10/10/08	1	0.02
42	123,477		1.83%	10/16/08	10/17/08	1	0.02
43	100,952		1.50%	10/23/08	10/24/08	1	0.02
44	107,942		1.60%	10/30/08	10/31/08	1	0.02
45	130,369		1.93%	11/6/08	11/7/08	1	0.02
46	120,717		1.79%	11/14/08	11/17/08	3	0.05
47	105,114		1.56%	11/20/08	11/21/08	1	0.02
48	106,926		1.59%	11/28/08	12/1/08	3	0.05
49	99,105		1.47%	12/4/08	12/5/08	1	0.01
50	97,541		1.45%	12/11/08	12/12/08	1	0.01
51	192,683		2.86%	12/18/08	12/19/08	1	0.03
52	435,634		6.46%	12/26/08	12/29/08	3	0.19
53	223,841		3.32%	1/2/09	1/5/09	3	0.10
54	86,481	6/	1.28%	1/8/09	1/9/09	1	0.01
55							
56	$ 6,740,122		100.00%				1.49
57							
58						CWC %	-0.41%

1/ Payroll dates are the actual dates on which payroll was paid.
2/ See monthly federal withholding for federal deposit rules.
3/ Withholding dollars exclude minor monthly amounts for manual checks to weekly employees, small in amount and not generally associated with specific payroll dates.
4/ Payroll for work week ended 12/29/2007, thus 0 work days included.
5/ Payroll for work week ended 01/05/2008, thus 5 work days included.
6/ Payroll for work week ended 01/03/2009, thus 4 work days included.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Employee FIT and FICA Withholding - Monthly Payroll

Line No.	Withholding Amount	% of Total	Payroll Date 1/	Payment Date 2/	Lag Days	Weighted Lag Days
	(a)	(b)	(c)	(d)	(e)	(f)
1	$ 168,140	6.64%	1/18/08	1/21/08	3	0.20
2	159,113	6.28%	2/21/08	2/22/08	1	0.06
3	171,592	6.77%	3/21/08	3/24/08	3	0.20
4	155,186	6.13%	4/21/08	4/22/08	1	0.06
5	152,137	6.01%	5/21/08	5/22/08	1	0.06
6	157,781	6.23%	6/20/08	6/23/08	3	0.19
7	162,903	6.43%	7/21/08	7/22/08	1	0.06
8	182,747	7.21%	8/21/08	8/22/08	1	0.07
9	174,020	6.87%	9/19/08	9/22/08	3	0.21
10	164,072	6.48%	10/21/08	10/22/08	1	0.06
11	156,510	6.18%	11/21/08	11/24/08	3	0.19
12	155,156	6.13%	12/19/08	12/22/08	3	0.18
13	126,483	4.99%	2/1/08	2/4/08	3	0.15
14	179,762	7.10%	6/9/08	6/10/08	1	0.07
15	171,943	6.79%	6/10/08	6/11/08	1	0.07
16	48,175	1.90%	6/11/08	6/12/08	1	0.02
17	34,474	1.36%	6/18/08	6/19/08	1	0.01
18	2,643	0.10%	7/25/08	7/28/08	3	0.00
19	2,145	0.08%	12/16/08	12/17/08	1	0.00
20	8,030	0.32%	12/24/08	12/26/08	2	0.01
21	-	0.00%	12/31/08	1/2/09	2	0.00
22						
23	$ 2,533,013	100.00%				1.87
24						
25					CWC %	-0.51%

1/ Payroll dates are the actual dates on which payroll was paid.

2/ The IRS Code stipulates payment of all withheld FICA and Federal Income Tax within one banking day under the $100,000 One-Day Rule. 100% of the withholding must be deposited in a Federal Depository Bank within one day of the date payments are made. Payment due dates which fall upon a Saturday, Sunday, or holiday (i.e. non-banking day) are extended until the next banking day.

Note:

Two different types of monthly payroll are paid: regular monthly (i.e. salaries) and manual/misc. (e.g. termination pay). Since these different payrolls are paid on different dates, separate weighted payment lags for each have been calculated above.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
State Income Tax Withholding - Weekly Payroll

Line No.	Withholding Amount		% of Total	Payroll Date 1/	Payment Date 2/	Lag Days	Weighted Lag Days
	(a)		(b)	(c)	(d)	(e)	(f)
1	$ -	3/	0.00%	1/4/08	1/7/08	3	0.00
2	13,188	4/	1.01%	1/10/08	1/11/08	1	0.01
3	23,499		1.81%	1/17/08	1/18/08	1	0.02
4	25,564		1.96%	1/24/08	1/25/08	1	0.02
5	17,775		1.37%	1/31/08	2/1/08	1	0.01
6	21,671		1.67%	2/7/08	2/8/08	1	0.02
7	19,179		1.47%	2/14/08	2/15/08	1	0.01
8	21,628		1.66%	2/22/08	2/25/08	3	0.05
9	24,763		1.90%	2/28/08	2/29/08	1	0.02
10	18,547		1.43%	3/6/08	3/7/08	1	0.01
11	22,130		1.70%	3/13/08	3/14/08	1	0.02
12	27,008		2.08%	3/20/08	3/21/08	1	0.02
13	20,462		1.57%	3/27/08	3/28/08	1	0.02
14	18,905		1.45%	4/3/08	4/4/08	1	0.01
15	19,712		1.51%	4/10/08	4/11/08	1	0.02
16	18,914		1.45%	4/17/08	4/18/08	1	0.01
17	20,044		1.54%	4/24/08	4/25/08	1	0.02
18	26,983		2.07%	5/1/08	5/2/08	1	0.02
19	19,922		1.53%	5/8/08	5/9/08	1	0.02
20	19,475		1.50%	5/15/08	5/16/08	1	0.02
21	22,036		1.69%	5/22/08	5/23/08	1	0.02
22	20,354		1.56%	5/30/08	6/2/08	3	0.05
23	22,465		1.73%	6/5/08	6/6/08	1	0.02
24	22,712		1.75%	6/12/08	6/13/08	1	0.02
25	28,075		2.16%	6/19/08	6/20/08	1	0.02
26	22,323		1.72%	6/26/08	6/27/08	1	0.02
27	24,316		1.87%	7/3/08	7/7/08	4	0.07
28	24,546		1.89%	7/10/08	7/11/08	1	0.02
29	22,220		1.71%	7/17/08	7/18/08	1	0.02
30	22,362		1.72%	7/24/08	7/25/08	1	0.02
31	35,706		2.74%	7/31/08	8/1/08	1	0.03
32	23,903		1.84%	8/7/08	8/8/08	1	0.02
33	22,413		1.72%	8/14/08	8/15/08	1	0.02
34	25,016		1.92%	8/21/08	8/22/08	1	0.02
35	20,757		1.60%	8/28/08	8/29/08	1	0.02
36	20,363		1.56%	9/5/08	9/8/08	3	0.05
37	22,659		1.74%	9/11/08	9/12/08	1	0.02
38	31,694		2.44%	9/18/08	9/19/08	1	0.02
39	23,787		1.83%	9/25/08	9/26/08	1	0.02
40	22,157		1.70%	10/2/08	10/3/08	1	0.02
41	21,152		1.63%	10/9/08	10/10/08	1	0.02
42	23,033		1.77%	10/16/08	10/17/08	1	0.02
43	19,125		1.47%	10/23/08	10/24/08	1	0.01
44	21,079		1.62%	10/30/08	10/31/08	1	0.02
45	26,278		2.02%	11/6/08	11/7/08	1	0.02
46	24,422		1.88%	11/14/08	11/17/08	3	0.06
47	21,101		1.62%	11/20/08	11/21/08	1	0.02
48	22,048		1.69%	11/28/08	12/1/08	3	0.05
49	20,159		1.55%	12/4/08	12/5/08	1	0.02
50	20,083		1.54%	12/11/08	12/12/08	1	0.02
51	43,144		3.32%	12/18/08	12/19/08	1	0.03
52	100,638		7.73%	12/26/08	12/29/08	3	0.23
53	45,039		3.46%	1/2/09	1/5/09	3	0.10
54	14,804	5/	1.14%	1/8/09	1/9/09	1	0.01
55							
56	$ 1,301,335		100.00%				1.50
57							
58						CWC %	-0.41%

1/ Payroll dates are the actual dates on which payroll was paid.

2/ Rhode Island law (Sec. 44-30) stipulates payment of all withheld State Income Tax within three banking days after the end of each quarter / monthly liability period. 100% of the withholding on all payroll paid during each quarter / monthly period must be paid no later than the third banking day after the end of that period. Under Sec. 44-1, payment due dates which fall upon Saturday, Sunday, or a legal holiday, are extended until the next banking day. In addition, payment is considered timely with evidence of mailing by the due date.

3/ Payroll for work week ended 12/29/2007, thus 0 work days included.

4/ Payroll for work week ended 01/05/2008, thus 5 work days included.

5/ Payroll for work week ended 01/03/2009, thus 4 work days included.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
State Income Tax Withholding - Monthly Payroll

Line No.	Withholding Amount	% of Total	Payroll Date 1/	Payment Date 2/	Lag Days	Weighted Lag Days
	(a)	(b)	(c)	(d)	(e)	(f)
1	$ 32,145	6.25%	1/18/08	1/22/08	4	0.25
2	30,111	5.85%	2/21/08	2/22/08	1	0.06
3	32,733	6.36%	3/21/08	3/24/08	3	0.19
4	29,065	5.65%	4/21/08	4/22/08	1	0.06
5	28,525	5.54%	5/21/08	5/22/08	1	0.06
6	30,039	5.84%	6/20/08	6/23/08	3	0.18
7	31,170	6.06%	7/21/08	7/22/08	1	0.06
8	35,825	6.96%	8/21/08	8/22/08	1	0.07
9	34,163	6.64%	9/19/08	9/22/08	3	0.20
10	33,090	6.43%	10/21/08	10/22/08	1	0.06
11	32,708	6.36%	11/21/08	11/24/08	3	0.19
12	41,741	8.11%	12/19/08	12/22/08	3	0.24
13	27,117	5.27%	2/1/08	2/4/08	3	0.16
14	38,067	7.40%	6/9/08	6/10/08	1	0.07
15	36,674	7.13%	6/10/08	6/11/08	1	0.07
16	11,277	2.19%	6/11/08	6/12/08	1	0.02
17	7,280	1.42%	6/18/08	6/19/08	1	0.01
18	250	0.05%	7/25/08	7/28/08	3	0.00
19	453	0.09%	12/16/08	12/17/08	1	0.00
20	2,082	0.40%	12/24/08	12/26/08	2	0.01
21	-	0.00%	12/31/08	1/2/09	2	0.00
22	-	0.00%			0	0.00
23						
24	$ 514,514	100.00%				1.96
25						
26						
27					CWC %	-0.54%

1/ Payroll dates are the actual dates on which payroll was paid

2/ Rhode Island law (Sec. 44-30) stipulates payment of all withheld State Income Tax within three banking days after the end of each quarter / monthly liability period. 100% of the withholding on all payroll paid during each quarter / monthly period must be paid no later than the third banking day after the end of that period. Under Sec. 44-1, payment due dates which fall upon Saturday, Sunday, or a legal holiday, are extended until the next banking day. In addition, payment is considered timely with evidence of mailing by the due date.

Note:

Two different types of monthly payroll are paid: regular monthly (i.e. salaries) and manual/misc. (e.g. termination pay). Since these different payrolls are paid on different dates, separate weighted payment lags for each have been calculated on the attached schedules. This schedule simply summarizes these two separate calculations.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Temporary Disability Insurance - Weekly Payroll

Line No.	Withholding Amount	% of Total	Liability Date 1/	Payment Date 2/	Payment Lag in Days	Weighted Payment Lag in Days
	(a)	(b)	(c)	(d)	(e)	(f)
1	$ 30,338	13.50%	1/15/08	4/25/08	101	13.64
2	24,751	11.02%	2/15/08	4/25/08	70	7.71
3	25,193	11.21%	3/15/08	4/25/08	41	4.60
4	22,825	10.16%	4/15/08	7/28/08	104	10.57
5	29,798	13.26%	5/15/08	7/28/08	74	9.81
6	24,968	11.11%	6/15/08	7/28/08	43	4.78
7	23,173	10.31%	7/15/08	10/30/08	107	11.03
8	12,791	5.69%	8/15/08	10/30/08	76	4.32
9	10,509	4.68%	9/15/08	10/30/08	45	2.11
10	9,388	4.18%	10/15/08	1/16/09	93	3.89
11	5,349	2.38%	11/15/08	1/16/09	62	1.48
12	5,601	2.49%	12/15/08	1/16/09	32	0.80
13						
14	$ 224,684	100.00%				74.74
15						
16						
17						
18					CWC %	-20.42%

1/ For the purposes of this calculation, the weighted average liability (withholding) date is deemed to be the 15th of each month. This is based on the fact that on average, weekly salaries and wages (and the corresponding Temporary Disability Insurance liabilities) accrue evenly throughout the month as employee hours are worked.

2/ Rhode Island's Temporary Disability Insurance Act (Title 28 of R.I. law) stipulates quarterly payment of Temporary Disability Insurance withheld. 100% of the liability for each quarter must be paid by the last day of the first month after that quarter ends. Under Sec. 44-1, payment dates which fall upon a Saturday, Sunday or legal holiday are extended to the next business day. Payments are considered timely with evidence of mailing by the required date.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Temporary Disability Insurance - Monthly Payroll

Line No.	Withholding Amount	% of Total	Payroll Date 1/	Payment Date 2/	Payment Lag in Days	Weighted Payment Lag in Days
	(a)	(b)	(c)	(d)	(e)	(f)
1	$ 9,187	10.94%	1/18/08	4/25/08	98	10.72
2	8,753	10.43%	2/21/08	4/25/08	64	6.68
3	8,833	10.52%	3/21/08	4/25/08	35	3.68
4	8,485	10.11%	4/20/08	7/28/08	99	10.01
5	8,223	9.80%	5/21/08	7/28/08	68	6.66
6	6,608	7.87%	6/20/08	7/28/08	38	2.99
7	4,758	5.67%	7/21/08	10/30/08	101	5.73
8	3,079	3.67%	8/21/08	10/30/08	70	2.57
9	2,362	2.81%	9/19/08	10/30/08	41	1.15
10	1,741	2.07%	10/21/08	1/16/09	87	1.80
11	1,177	1.40%	11/21/08	1/16/09	56	0.78
12	921	1.10%	12/19/08	1/16/09	28	0.31
13	5,036	6.00%	2/1/08	4/25/08	84	5.04
14	7,019	8.36%	6/9/08	7/28/08	49	4.10
15	6,409	7.63%	6/10/08	7/28/08	48	3.66
16	170	0.20%	6/11/08	7/28/08	47	0.09
17	1,173	1.40%	6/18/08	7/28/08	40	0.56
18	16	0.02%	12/24/08	1/16/09	23	0.00
19	-	0.00%			0	0.00
20						
21	$ 83,950	100.00%				66.53
22						
23						
24					CWC %	-18.18%

1/ Payroll dates are the actual dates on which payroll was paid.

2/ Rhode Island's Temporary Disability Insurance Act (Title 28 of R.I. law) stipulates quarterly payment of Temporary Disability Insurance withheld. 100% of the liability for each quarter must be paid by the last day of the first month after that quarter ends. Under Sec. 44-1, payment dates which fall upon a Saturday, Sunday or legal holiday are extended to the next business day. Payments are considered timely with evidence of mailing by the required date.

Note:

Two different types of monthly payroll are paid: regular monthly (i.e. salaries) and manual/misc. (e.g. termination pay). Since these different payrolls are paid on different dates, separate weighted payment lags for each have been calculated on the attached schedules. This schedule simply summarizes these three separate calculations.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Incentive Thrift Withholding - Weekly Payroll

Line No.	Withholding Amount	% of Total	Liability Date 1/	Payment Date 2/	Payment Lag in Days	Weighted Payment Lag in Days
	(a)	(b)	(c)	(d)	(e)	(f)
1	$ 37,849	1.28%	1/10/08	1/14/08	4	0.05
2	57,363	1.95%	1/17/08	1/22/08	5	0.10
3	59,028	2.00%	1/24/08	1/28/08	4	0.08
4	52,695	1.79%	1/31/08	2/4/08	4	0.07
5	56,390	1.91%	2/7/08	2/11/08	4	0.08
6	53,405	1.81%	2/14/08	2/19/08	5	0.09
7	56,184	1.91%	2/22/08	2/25/08	3	0.06
8	57,877	1.96%	2/28/08	3/3/08	4	0.08
9	52,808	1.79%	3/6/08	3/10/08	4	0.07
10	55,481	1.88%	3/13/08	3/17/08	4	0.08
11	60,422	2.05%	3/20/08	3/24/08	4	0.08
12	53,955	1.83%	3/27/08	3/31/08	4	0.07
13	52,340	1.78%	4/3/08	4/7/08	4	0.07
14	53,491	1.82%	4/10/08	4/14/08	4	0.07
15	53,178	1.81%	4/17/08	4/21/08	4	0.07
16	52,992	1.80%	4/24/08	4/28/08	4	0.07
17	52,131	1.77%	5/1/08	5/5/08	4	0.07
18	52,977	1.80%	5/8/08	5/12/08	4	0.07
19	52,355	1.78%	5/15/08	5/19/08	4	0.07
20	54,927	1.86%	5/22/08	5/27/08	5	0.09
21	55,129	1.87%	5/30/08	6/2/08	3	0.06
22	54,823	1.86%	6/5/08	6/9/08	4	0.07
23	96,547	3.28%	6/12/08	6/16/08	4	0.13
24	69,524	2.36%	6/19/08	6/23/08	4	0.09
25	55,846	1.90%	6/26/08	6/30/08	4	0.08
26	56,481	1.92%	7/3/08	7/7/08	4	0.08
27	58,473	1.98%	7/10/08	7/14/08	4	0.08
28	55,821	1.89%	7/17/08	7/21/08	4	0.08
29	56,040	1.90%	7/24/08	7/28/08	4	0.08
30	67,750	2.30%	7/31/08	8/4/08	4	0.09
31	56,483	1.92%	8/7/08	8/11/08	4	0.08
32	55,287	1.88%	8/14/08	8/18/08	4	0.08
33	58,181	1.97%	8/21/08	8/25/08	4	0.08
34	54,238	1.84%	8/28/08	9/2/08	5	0.09
35	53,144	1.80%	9/5/08	9/8/08	3	0.05
36	54,593	1.85%	9/11/08	9/15/08	4	0.07
37	62,405	2.12%	9/18/08	9/22/08	4	0.08
38	55,410	1.88%	9/25/08	9/29/08	4	0.08
39	51,671	1.75%	10/2/08	10/6/08	4	0.07
40	52,001	1.77%	10/9/08	10/14/08	5	0.09
41	52,473	1.78%	10/16/08	10/20/08	4	0.07
42	48,419	1.64%	10/23/08	10/27/08	4	0.07
43	49,426	1.68%	10/30/08	11/3/08	4	0.07
44	52,858	1.79%	11/6/08	11/10/08	4	0.07
45	51,258	1.74%	11/14/08	11/17/08	3	0.05
46	47,758	1.62%	11/20/08	11/24/08	4	0.06
47	47,432	1.61%	11/28/08	12/1/08	3	0.05
48	45,442	1.54%	12/4/08	12/8/08	4	0.06
49	45,474	1.54%	12/11/08	12/15/08	4	0.06
50	60,375	2.05%	12/18/08	12/22/08	4	0.08
51	91,071	3.09%	12/26/08	12/29/08	3	0.09
52	66,211	2.25%	1/2/09	1/5/09	3	0.07
53	30,190	1.02%	1/8/09	1/12/09	4	0.04
54						
55	$ 2,946,084	100.00%				3.95
56						
57						
58					CWC %	-1.08%

1/ Date payroll is actually paid.
2/ Incentive Thrift withholdings for weekly payroll are deposited weekly, generally during the week following the payroll.

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
For The Twelve Months Ended December 31, 2008
Incentive Thrift Withholding - Monthly Payroll

Line No.	Withholding Amount	% of Total	Liability Date 1/	Payment Date 2/	Payment Lag in Days	Weighted Payment Lag in Days
	(a)	(b)	(c)	(d)	(e)	(f)
1	$ 80,351	8.28%	1/18/08	1/22/08	4	0.33
2	81,951	8.44%	2/21/08	2/25/08	4	0.34
3	84,342	8.69%	3/21/08	3/24/08	3	0.26
4	82,619	8.51%	4/21/08	4/28/08	7	0.60
5	81,890	8.44%	5/21/08	5/27/08	6	0.51
6	77,991	8.04%	6/20/08	6/30/08	10	0.80
7	81,533	8.40%	7/21/08	7/28/08	7	0.59
8	82,858	8.54%	8/21/08	8/25/08	4	0.34
9	81,769	8.43%	9/19/08	9/29/08	10	0.84
10	79,916	8.23%	10/21/08	10/27/08	6	0.49
11	77,436	7.98%	11/21/08	11/24/08	3	0.24
12	77,820	8.02%	12/19/08	12/29/08	10	0.80
13						
14	$ 970,476	100.00%				6.14
15						
16						
17					CWC %	-1.68%

1/ Date payroll is actually paid.
2/ Incentive Thrift withholdings for weekly payroll are deposited weekly, generally during the week following the pay

Schedule NG-RLO-6 (C)
Amended

Schedule NG-RLO-6 (C) - Amended

Standard Offer Service Administrative Cost Factors

Narragansett Electric Company
Calculation of Standard Offer Service Administrative Cost Factors

		Small Customer Group (a)	Large Customer Group (b)	Total (c)
(1)	Total Standard Offer Service Administrative Costs	$4,125,656	$1,933,997	$6,059,653
(2)	Estimated Standard Offer Service -Related kWh Deliveries	3,508,175,479	1,882,340,263	5,390,515,742
(3)	Standard Offer Service Administrative Cost Factors per kWh	$0.00117	$0.00102	$0.00112

(1) Page 2, Line (9)
(2) Page 6, Line (13), Columns (a) and (d)
(3) Line (1) ÷ Line (2), truncated after 5 decimal places

Note: Small Customer Group includes customers on rates A-16, A-60, C-06, S-10 and S-14
Large Customer Group includs customers on rates G-02, G-32, G-62, B-62, X-01

Narragansett Electric Company
Calculation of Standard Offer Service Cost Administrative Costs

		Small Customer Group	Large Customer Group	Total
Section 1: Standard Offer Service Administrative Costs				
	Wholesale Costs:			
(1)	Energy Supply Department Labor	$73,162	$39,256	$112,418
(2)	Procurement Support	$22,285	$11,957	$34,241
(3)	Ongoing Administration Support	$6,191	$3,322	$9,513
(4)	Total Wholesale Costs	$101,638	$54,535	$156,173
	Direct Retail:			
(5)	Customer Communication and Rate Change Processing	$7,495	$4,021	$11,516
(6)	Environmental Disclosure Label	$22,190	$11,906	$34,096
(7)	Bad Debt Expense	$3,094,394	$1,443,673	$4,538,067
(8)	Total Direct Retail Costs	$3,124,078	$1,459,600	$4,583,679
	Cash Working Capital:			
(9)	Working Capital Impact	$899,939	$419,862	$1,319,801
(10)	Total Standard Offer Service Administrative Costs	$4,125,656	$1,933,997	$6,059,653

(1) Based on budget provided by Energy Supply Department, allocated to the Small Customer Group and the Large Customer Group based on SOS kWh
(2) Page 3, allocated to the Small Customer Group and the Large Customer Group based on SOS kWh
(3) Page 3, allocated to the Small Customer Group and the Large Customer Group based on SOS kWh
(4) Line (2) + Line (3)
(5) Page 4, allocated to the Small Customer Group and the Large Customer Group based on SOS kWh
(6) Page 5, allocated to the Small Customer Group and the Large Customer Group based on SOS kWh
(7) Page 6, Line (5)
(8) Sum of Lines (5) through (7)
(10) Page 6, Line (16)
(11) Line (1) + Line (4) + Line (8) + Line (9)

Narragansett Electric Company
Estimate of Costs Associated with Regulatory, Legal and Accounting
Support of Wholesale Procurement and Ongoing Administration of Standard Offer Service

Task	Conducted by	(A) Hours	(B) Direct Labor Rate ($/hr)	(C) Indirect / Overhead Rate	(D) Total $
Support for Wholesale Procurement					
Preparation of documents and supporting data to be included in each Request for Proposal	Legal: Attorney	4.0	$82.00	73.85%	$570
	Total for Task:	4.0			$570
	Annual Frequency for Task:	4			
	Annual Total for Task:	16.0			$2,281
Review of bidder information and proposed contract modifications	Legal: Attorney	48.0	$82.00	73.85%	$6,843
	Total for Task:	48.0			$6,843
	Annual Frequency for Task:	4			
	Annual Total for Task:	192.0			$27,371
Preparation and submission of rate filing	Legal: Attorney	3.0	$60.00	73.85%	$313
	Regulation and Pricing: Management	8.0	$60.00	73.85%	$834
	Total for Task:	11.0			$1,147
	Annual Frequency for Task:	4			
	Annual Total for Task:	44.0			$4,590
	Annual Total for Task:	252.0			$34,241
Support for Ongoing Administration					
Receipt, review and payment of monthly invoices	Shared Services Energy Trading: Analyst	9.0	$24.00	73.85%	$376
	Accounting: Analyst	6.0	$40.00	73.85%	$417
	Total for Task:	15.0			$793
	Annual Frequency for Task:	12			
	Annual Total for Task:	180.0			$9,513
Annual Total for all Tasks:		432			$43,755

Notes:
(A) Based on interviews with departments/personnel involved in each task which relied on experience from prior RFPs.
(C) Source: Overhead accrual rate for year ended December 31, 2008

Narragansett Electric Company
Estimated Costs for Customer Communication and Rate Changes

Section 1: Web and E-Business Group:

(1)	Number of Hours to Process Web Site Update per Rate Change	2
(2)	Number of Rates Changes in a 12-Month Period	4
(3)	Total Number of Hours to Update Web Site in a 12-Month Period	8
(4)	Average Hourly Labor Rate for Web Site Personnel	$60.00
(5)	Average Labor Overhead Mark-Up	73.85%
(6)	Estimated Cost of Web Site Update in a 12-Month Period	$834

(1) Per Web and E-Business Group
(2) Number of Basic service rate changes in a 12 month period
(3) Line (1) x Line (2)
(4) Per Web and E-Business Group
(5) Overhead accrual rate for year ended December 31, 2008
(6) Line (3) x Line (4) x [1 + Line (5)]

Section 2: Billing& Systems Group

(1)	Number of Hours to Process Rate Changes and Communication Pieces Per Month	4
(2)	Number of Months	12
(3)	Total Number of Hours to Process Rate Changes and Communication Pieces Per Month	48
(4)	Average Hourly Labor Rate for Billing & Systems Personnel	$35.00
(5)	Average Labor Overhead Mark-Up	73.85%
(6)	Estimated Cost of Billing & Systems in a 12-Month Period	$2,921

(1) Per Billing & Systems
(2) Number of months in 12 month period.
(3) Line (1) x Line (2)
(4) Per Billing & Systems
(5) Overhead accrual rate for year ended December 31, 2008
(6) Line (3) x Line (4) x [1 + Line (5)]

Section 3: Information Technology

(1)	Number of Hours to Process Rate Changes and Communication Pieces Per Month	12
(2)	Number of Months	12
(3)	Total Number of Hours to Process Rate Changes and Communication Pieces Per Month	144
(4)	Average Hourly Labor Rate for Information Technology Personnel	$31.00
(5)	Average Labor Overhead Mark-Up	73.85%
(6)	Estimated Cost of Information Technology in a 12-Month Period	$7,761

(1) Per Information Technology
(2) Number of months in 12 month period.
(3) Line (1) x Line (2)
(4) Per Information Technology
(5) Overhead accrual rate for year ended December 31, 2008
(6) Line (3) x Line (4) x [1 + Line (5)]

Section 4: Total Communication and Rate Change Costs:

(1)	Total Estimated Cost of Customer Communication and Processing Rate Changes	$11,516

Narragansett Electric Company
Estimate of Costs Associated with
Environmental Disclosure Labels

Task	Conducted by	(A) Hours	(B) Direct Labor Rate ($/hr)	(C) Indirect / Overhead Rate	(D) Total $
Prepare proofs for printing, check for accuracy, schedule for insertion, post to website	Corporate Communications: Coordinator	2.0	$30.00	73.85%	$104
	Customer Service: Designer	2.0	$56.00	73.85%	$195
	Total for Task:	4.0			$299
	Annual Frequency for Task:	4			
	Annual Total for Task:	16.0			$1,196
Print labels	Third Party Vendor	n/a	n/a	n/a	$8,225
	Annual Frequency for Task:	4.00			
	Annual Total for Task:	n/a			$32,900
Annual Total for all Tasks:		16.0			$34,096

Notes:
(A) Based on interviews with departments/personnel involved in each task which relied on experience from prior labels.
(C) Source: Average departmental overhead accrual rates for year ended December 31, 2008

Narragansett Electric Company
Calculation of Commodity-Related Uncollectibles

Section 1: Rate Year Commodity Cost/Revenue

		Small Customer Group			Large Customer Group			Total Estimated
		Est. SO kWh	Est. SO Rate	Est. SO Cost/Rev	Est. SO kWh	Est. SO Rate	Est. SO Cost/Rev	SO Cost/Revenue
		(a)	(b)	(c)=(a) x (b)	(d)	(e)	(f)=(d) x (e)	(g)= (c) + (f)
(1)	January	344,134,187	$0.09293	$31,980,390	162,976,638	$0.07984	$13,012,055	$44,992,445
(2)	February	302,715,768	$0.09293	$28,131,376	153,904,059	$0.08231	$12,667,843	$40,799,219
(3)	March	305,303,521	$0.09404	$28,710,743	138,859,769	$0.08221	$11,415,662	$40,126,405
(4)	April	267,432,412	$0.09404	$25,149,344	156,904,326	$0.08165	$12,811,761	$37,961,105
(5)	May	235,330,222	$0.09404	$22,130,454	143,888,225	$0.08165	$11,748,953	$33,879,407
(6)	June	250,936,755	$0.09404	$23,598,092	154,846,870	$0.08165	$12,643,763	$36,241,856
(7)	July	339,170,651	$0.09404	$31,895,608	163,280,351	$0.08165	$13,332,385	$45,227,993
(8)	August	363,047,909	$0.09404	$34,141,025	179,468,763	$0.08165	$14,654,223	$48,795,248
(9)	September	301,481,963	$0.09404	$28,351,364	168,272,218	$0.08165	$13,739,988	$42,091,351
(10)	October	250,758,117	$0.09404	$23,581,293	160,796,238	$0.08165	$13,129,549	$36,710,842
(11)	November	251,226,360	$0.09404	$23,625,327	150,894,551	$0.08165	$12,321,043	$35,946,370
(12)	December	296,637,614	$0.09404	$27,895,801	148,248,255	$0.08165	$12,104,964	$40,000,765
(13)	Total	3,508,175,479		$329,190,819	1,882,340,263		$153,582,188	$482,773,007

Section 2: Rate Year Commodity-Related Uncollectible Expense

(14)	Estimated Rate Year Cost/Revenue	$329,190,819	$153,582,188	$482,773,007
(15)	Uncollectible Rate	0.94%	0.94%	
(16)	Rate Year Commodity-Related Uncollectible Expense	$3,094,394	$1,443,673	$4,538,067

Section 1:
Columns (a) and (d), Lines (1) thorugh (12) = Company rate year forecast x percentage of January 2010 Standard Offer kWh deliveries
Column (b): January - February @ effective Standard Offer rate including RPS of 0.093¢; March - September @ approved Standard Offer rate including RPS of 0.123¢; October - December @ proxy rate of 9.281¢ plus RPS of 0.123¢
Column (e): January - March @ effective Standard Offer rate including RPS of 0.093¢ for January & February and 0.123¢ for March; April - December @ 3 month average of currently effective energy rates of 8.042¢ plus RPS of 0.123¢

January	$0.07891
February	$0.08138
March	$0.08098
3-Month Average	$0.08042
	$0.00123
	$0.08165

Section 2:
(14) Line (13)
(15) Schedule NG-RLO-2 (C), Page 25
(16) Line (14) x Line (15)

Narragansett Electric Company
Cash Working Capital Requirements for Purchased Power
For The Twelve Months Ended December 31, 2008

Section 1: Working Capital Impact

		CWC %	Total Dollars	CWC Dollars
(1)	Purchased Power Costs	1.39%	$752,068,125	$10,453,747
(2)	Gross Receipts Tax	10.47%	$33,406,245	$3,497,634
(3)	Working Capital Requirement			$13,951,381
(4)	Interest Rate			9.46%
(3)	Working Capital Impact			$1,319,801

(1) Schedule NG-RLO-2 (C), Page 38, Line 3
(2) Schedule NG-RLO-2 (C), Page 38, Line 20
(3) Line (1) + Line (2)
(4) Schedule NG-RLO-2 (C), Page 39, Line 9
(5) Line (3) x Line (4)

Section 2: Allocation of Working Capital Impact

	Customer Group	Commodity Revenue (a)	Percent of Commodity Revenue (b)	Allocation of Working Capital Impact (c)
(1)	Small Customer Group	$329,190,819	68%	$899,939
(2)	Large Customer Group	$153,582,188	32%	$419,862
(3)	Total	$482,773,007		

Lines (1) and (2), Column (a)	Page 6
Lines (1) and (2) , Column (b)	Line in Column (a) / Line (3) Column (a)
Lines (1) and (2) , Column (c)	Section 1 Line (3) x Column (b)

Schedule NG-RLO-8 (C)
Amended

Schedule NG-RLO-8 (C) - Amended

Company Proposal in Docket 3617 to Add Two Additional Site to the Site Eligibility List in the Environmental Response Fund Mechanism

Laura S. Olton
General Counsel
Rhode Island

August 8, 2007

VIA HAND DELIVERY AND ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

Re: Environmental Response Fund, Docket 3617
Request to Propose Additions to the List of Sites

Dear Ms. Massaro:

This letter serves as a request by National Grid[1] to propose two additional environmental sites to the list of sites included in the Second Amended Stipulation and Settlement of the Electric Distribution Rate Plan ("Rate Plan"). Section 8(A) of the Rate Plan provides that:

> Narragansett shall have the right to propose additions to the list of sites during the Rate Freeze Period by including the request to include additional sites at the time that Narragansett files its annual report under subparagraph (C) below, provided that the inclusion of the Environmental Response Costs associated with additional sites to be charged to the fund shall be subject to the approval of the Commission.

As described more fully below, National Grid requests to include the JM Mills Landfill Site and the Quonset Point Site to the list of environmental sites contained in the Rate Plan. Concurrent with this request, National Grid is filing its Environmental Response Fund Report for the period April 1, 2006 through March 31, 2007 (fiscal year 2007).

1. JM Mills Landfill Site

The JM Mills Landfill Site is part of the Peterson/Puritan, Inc. Superfund Site located along the Blackstone River between the towns of Cumberland and Lincoln in Providence County, Rhode Island. The site is over 500 acres and is split into two Operable Units ("OUs"). The now, inactive JM Mills Landfill is part of OU2 and from 1954 until 1983 was used for the disposal of wastes, including industrial, municipal and hazardous wastes. The JM Mills Landfill study area contains soils impacted by a variety of organic and inorganic contaminants. In addition, OU2 includes physical hazards such as broken glass, metal parts and unstable surfaces, related to the landfill operations.

[1] Submitted on behalf of The Narragansett Electric Company, d/b/a National Grid (herein referred to as "Narragansett", "National Grid" or the "Company").

Cleanup activities for OU2 by a group of Potentially Responsible Parties ("PRPs") for the site began in the early 1990s under an agreement with the U.S. Environmental Protection Agency ("EPA"). These activities included the erection of a fence and signs to restrict access to the area, as well as the removal of drums from the base of the landfill. Since that time, the Remedial Investigation/Feasibility Study ("RI/FS") has been on-going to characterize the site impacts and risks and evaluate potential remedial alternatives for OU2. It is projected that this process will be completed in late 2007. Once the final RI/FS report is submitted, a remedy for OU2 will be selected. National Grid does not have current information concerning the cost of the RI/FS phase; however, in 2006 the cost was estimated to be in the $7 million range, based on similar size landfill sites.

In 1998, the EPA began negotiations with several parties to conduct and fund the site investigation costs. In 2001, Unilever Bestfoods and CCL Manufacturing, Inc. (referred to as the "Investigating Parties") entered into an Administrative Order on Consent to conduct and fund the RI/FS for OU2. The Investigating Parties then began conducting significant research to identify additional PRPs for the site. To date, the Investigating Parties allege that they have been able to identify over 80 PRPs that transported or generated wastes that were disposed of at the JM Mills Landfill. Over 70 of the identified PRPs were General Noticed by EPA. In 2001, the Investigating Parties filed a CERCLA contribution action in Rhode Island Federal District Court captioned *Unilever Bestfoods and CCL Custom Manufacturing, Inc. v. American Steel & Aluminum Corp. et al.*, C.A. No. 01-496 L. The complaint named approximately 58 defendants, but did not name National Grid.

In August 2000, National Grid, as a successor company to Blackstone Valley Gas and Electric ("BVG&E"), was contacted by the EPA with a Request for Information in Connection with the Peterson/Puritan, Inc. Superfund Site. In the Request for Information, the EPA stated that several drivers for Goditt & Boyer, the waste hauler used by BVG&E between 1967 and 1986, recalled hauling BVG&E's waste to the JM Mills Landfill. National Grid responded to the EPA in 2000, and supplied supplemental responses to EPA in 2002 and 2004. While the information provided to the EPA was voluminous and covered numerous specific issues related to waste streams, certain data indicated that the waste hauled by Goditt & Boyer came from the Blackstone Valley Electric ("BVE") office headquarters and operations facility in Lincoln, Rhode Island. The waste itself consisted overwhelmingly of non-hazardous office trash, plus some vehicle maintenance waste, kitchen waste, light bulbs and (possibly) a limited number of pole buts. The data further indicated that BVE recycled much of its waste and since the early 1980s maintained a licensed facility for handling toxic materials. One former driver with Goditt & Boyer claims to recall seeing several "small transformers" containing "small amounts of oil" in the BVE trash; however, this fact is disputed by former BVE employees. These employees pointed out that transformers and transformer oil was valuable and was routinely sold for recycling. To date, National Grid has not been permitted to interview the Goditt & Boyer drivers.

In 2003, National Grid, along with all current defendants in the CERCLA action and seventeen "newly identified" PRPs, were contacted by attorneys for Unilever Bestfoods,

regarding joining the PRP Group that was being formed to conduct and fund the RI/FS work. Extensive multi-party negotiations followed. While no official PRP group was ever formed, National Grid believes that the Investigating Parties were able to conclude settlements with some PRPs. Settlement negotiations between National Grid and the Investigating Parties broke down in 2005. To date, National Grid has not been added as a defendant in the CERCLA contribution action.

Given the nature of the superfund site, the cleanup costs, and efforts of National Grid, the Company believes it would be appropriate to include the JM Mills Landfill Site to the list of environmental sites contained in the fund. To date, National Grid has incurred an insignificant amount of costs regarding this site.

2. <u>Quonset Point Site</u>

National Grid also seeks to include the Quonset Point Site in its list of sites recovered through the Environmental Response Cost Fund.

The Quonset Point Naval Air Station and the electrical system were built by the U.S. Navy before and during World War II. Being a military facility, large amounts of the electrical system contained polychlorinated biphenyls ("PCBs") as a fire resistant additive. The U.S. Government declared the facility surplus to its needs in the early 1970's resulting in a significant loss of jobs to the local and state economy. The State of Rhode Island stepped in to acquire and manage the property as an economic development opportunity, under the Rhode Island Port Authority ("RIPA"). RIPA took over large sections of the former base. The U.S. government retained title or control over several areas of the former base for the use of both military and non-military government agencies. In taking over the base, RIPA became saddled with the responsibility of operation and maintenance of the public utilities on the base including electrical, water, and sewerage. The Narragansett Electric Company was approached several times by both the U.S. government and RIPA to purchase the electrical system. On November 4, 1986, Narragansett purchased and took title to the Quonset Point electrical system from RIPA.

Through the purchase agreement, RIPA retained environmental liability for known pre-sale leaking PCB electrical equipment, and Narragansett took responsibility for potential future releases from electrical equipment. Prior to the conveyance, a survey of the electrical distribution system assets was conducted to identify PCB transformers that were leaking or had leaked in the past. Using what was "state of the art" methodology at the time of property transfer in 1986, Narragansett was able to identify certain areas that RIPA retained liability for. However, in the twenty-one years since the conveyance, the Company has identified additional historical locations and new post-conveyance PCB releases exhibiting PCB contamination which have and will require extensive assessment and remedial actions by Narragansett. As a result, Narragansett expects to continue to incur significant environmental costs as a result of PCB contamination discovered in the vicinity of oil-filled electrical distribution assets.

Through March 31, 2007, Narragansett has incurred $582,803 of environmental remediation costs for the Quonset Point site. Attachment 1 is a summary of spending by fiscal year at Quonset Point, beginning with fiscal year 2001. The Company is not seeking to recover prior spending. Through this filing, the Company seeks to include the remediation costs for the Quonset Point site through the Environmental Response Fund beginning with the current fiscal year 2008.

As described above, in accordance with Section 8(A) of the Rate Plan, National Grid requests to include the JM Mills Landfill site and the Quonset Point site to the list of environmental sites covered by the Environmental Response Fund.

Thank you for your attention to this filing. Please feel free to contact me if you have any questions concerning this matter at (401) 784-7667.

Very truly yours,

Laura S. Olton

Laura S. Olton

cc: Docket 3617 Service List

280 Melrose Street, Providence, RI 02907
T: 401-784-7667 ■ F: 401-784-4321 ■ laura.olton@us.ngrid.com ■ www.nationalgrid.com

Attachment 1

Narragansett Electric Company d/b/a National Grid
Environmental Response Cost Summary for Quonset Point Site
By Fiscal Year through March 31, 2007

Fiscal Year Spending	Amount
FY 2001	$2,161.46
FY 2002	$24,506.64
FY 2003	$31,573.71
FY 2004	$14,347.10
FY 2005	$53,720.76
FY 2006	$47,909.26
FY 2007	$408,583.91
Total	$582,802.84

Total fiscal year amounts include spending at the following locations on the Quonset Development Corporation property; Building 20, Keifer Park, Manholes #26 & #29 and 1401 Quonset Road. The Fiscal 2007 amount also includes a reimbursement from the Quonset Development Corporation in the amount of $54,067.96. FY 2008 spending through July 31st at the Quonset Point site totaled to $7,708.

Certificate of Service

I hereby certify that a copy of the cover letter and / or any materials accompanying this certificate has been mailed or hand-delivered to the individuals listed below.

_____ August 8, 2007
Joanne M. Scanlon Date

Narragansett Electric Company – Distribution Rate Plan Stipulation & Settlement – Docket 3617 - Service List as of 5/11/07

Name	E-mail	Phone/FAX
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Schedules of
Howard S. Gorman

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Schedule NG-HSG-2 (C) - Amended	Development of External Allocators for the ACOSS
Schedule NG-HSG-3 (C) - Amended	External and Internal Allocator Values for the ACOSS
Schedule NG-HSG-4 (C) - Amended	Results of Allocated COS Study and Compliance Revenue Allocation
Schedule NG-HSG-5 (C) - Amended	Summary of Compliance Rates
Schedule NG-HSG-6 (C) - Amended	Distribution Rate Design
Schedule NG-HGS-7 (C) - Amended	Transmission Rate Design
Schedule NG-HSG-8 (C) - Amended	2.4 kV Discount and High Voltage Delivery (115 KV) Discount
Schedule NG-HSG-9 (C) - Amended	Typical Bills
Schedule NG-HSG-10 (C) - Amended	Street Lighting Impact
Schedule NG-HSG-11 (C) - Amended	Clean Versions of Compliance Retail Delivery Service Tariffs and Compliance Tariff Provisions.
Schedule NG-HSG-12 (C) - Amended	Compliance Retail Delivery Service Tariffs and Compliance Tariff Provisions, Marked to show Changes
Schedule NG-HSG-13 (C) - Amended	Calculation of Lost Revenue Factor

Schedule NG-HSG-1 (C)
Amended

Schedule NG-HSG-1 (C) - Amended

Allocated Cost of Service Study ("ACOSS") for the Rate Year Revenue Requirement

Narrangansett Electric Company
Rate Year Ended December 31, 2010
Class Cost of Service Study ($000s)
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Class Cost of Service Study ($000s)
SUMMARY OF RESULTS

		Total	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
			A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
	Revenue at Present Rates								
1	Distribution charge revenue	215,420	113,105	23,237	31,707	33,256	5,080	8,834	201
2	Other revenue	7,802	4,654	747	1,130	936	172	149	14
3	**Total Revenue**	223,222	117,759	23,983	32,837	34,192	5,252	8,983	215
4									
5	**Operating Expenses**								
6	Operating Expenses	125,263	67,627	11,730	17,961	16,316	4,448	6,760	421
7	Depreciation Expense	40,778	20,495	3,831	6,784	5,642	1,643	2,200	184
8	General Taxes	21,837	11,076	2,092	3,569	2,953	851	1,202	94
9	**Operating Expenses**	187,878	99,198	17,653	28,313	24,911	6,942	10,162	699
10									
11	Income Before Tax	35,344	18,562	6,330	4,524	9,280	(1,689)	(1,179)	(484)
12	Income Tax Expense (Benefit)	6,248	3,163	572	1,025	867	253	340	28
13									
14	**Net Operating Income**	29,096	15,398	5,758	3,499	8,413	(1,942)	(1,519)	(512)
15									
16	Rate Base	550,868	278,752	50,518	90,430	76,428	22,285	29,951	2,505
17									
18	Rate of Return at Current Rates	5.28%	5.52%	11.40%	3.87%	11.01%	(8.71%)	(5.07%)	(20.45%)
19	Relative Rate of Return	1.00	1.05	2.16	0.73	2.08	(1.65)	(0.96)	(3.87)
20									
21	**Distribution Revenue Requirement**								
22	Distribution charge revenue	231,652	120,598	21,641	35,662	31,147	8,860	12,824	919
23	Additional M01 revenue	9	5	1	2	1	0	0	0
24	Forfeited discounts	2,398	1,884	183	187	144	0	1	0
25	Other revenue	5,572	2,903	577	956	802	172	148	14
26		239,631	125,389	22,402	36,807	32,094	9,033	12,974	934
27									
28	Operating Expenses	187,878	99,198	17,653	28,313	24,911	6,942	10,162	699
29	Additional uncollectibles expense	154	81	17	23	24	4	6	0
30	Income Before Tax	51,599	26,111	4,732	8,471	7,159	2,087	2,805	235
31	Income Tax Expense	11,937	6,040	1,095	1,960	1,656	483	649	54
32	**Net Operating Income**	39,662	20,070	3,637	6,511	5,503	1,605	2,156	180
33	Rate of Return	7.20%	7.20%	7.20%	7.20%	7.20%	7.20%	7.20%	7.20%
34		56,030	29,637	5,733	8,187	7,258	2,036	2,951	228
35	Increase (Decrease) Required $	16,409	7,630	(1,582)	3,969	(2,098)	3,780	3,991	719
36	Increase (Decrease) Required %	7.4%	6.5%	(6.6%)	12.1%	(6.1%)	72.0%	44.4%	333.8%

Class Cost of Service Study ($000s)

TOTAL DISTRIBUTION REVENUE REQUIREMENT CLASS ALLOCATION

	Account Description	Account No.	Total Dollars	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
				A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
1	**I. ELECTRIC PLANT IN SERVICE**									
2	**A. PRODUCTION PLANT**									
3	Production Plant		3,127	1,261	229	569	806	223	28	10
4	Subtotal - PRODUCTION PLANT	350-359	3,127	1,261	229	569	806	223	28	10
5										
6	**B. DISTRIBUTION PLANT**									
7	Land and Land Rights	360	9,475	4,265	815	1,650	2,001	591	86	67
8	Structures and Improvements	361	6,976	3,140	600	1,215	1,473	435	63	49
9	Station Equipment	362	168,193	75,709	14,468	29,285	35,522	10,497	1,524	1,187
10	Poles, Towers and Fixtures	364	182,134	94,058	17,975	36,226	24,066	7,112	1,893	804
11	Overhead Conductors and Devices	365	260,193	128,372	24,532	49,510	41,533	12,274	2,584	1,388
12	Underground Conduit	366	62,195	29,427	5,624	11,364	11,428	3,377	592	382
13	Underground Conductors & Devices	367	133,017	62,056	11,859	23,976	25,492	7,533	1,249	852
14	Line Transformers	368	157,152	84,653	16,178	32,564	16,595	4,904	1,704	555
15	Services	369	71,453	61,861	7,990	1,517	84	1	0	0
16	Meters	370	49,379	33,610	8,156	5,780	1,823	9	0	0
17	Installations on Cust. Prem./ARO	371/374	142	97	23	17	5	0	0	0
18	Street Lighting & Signal Systems	373	52,165	0	0	0	0	0	52,165	0
19	Subtotal - DISTRIBUTION PLANT	360-373	1,152,474	577,249	108,221	193,103	160,023	46,734	61,862	5,283
20										
21	**C. GENERAL PLANT**									
22	Land and Land Rights	389	952	517	91	134	116	32	59	3
23	Structures and Improvements	390	23,532	12,771	2,258	3,322	2,867	782	1,455	77
24	Office Furniture and Equipment	391	859	466	82	121	105	29	53	3
25	Passenger Cars - Transp Equipment	392	646	351	62	91	79	21	40	2
26	Stores Equipment	393	454	246	44	64	55	15	28	1
27	Tools, Shop & Garage Equipment	394	2,678	1,453	257	378	326	89	166	9
28	Laboratory Equipment	395	1,905	1,034	183	269	232	63	118	6
29	Communications Equipment	396	25,774	13,988	2,473	3,639	3,140	856	1,593	84
30	Miscellaneous Equipment	397/399.1	123	67	12	17	15	4	8	0
31	Subtotal - GENERAL PLANT	389-399	56,923	30,893	5,462	8,036	6,935	1,892	3,519	187
32										
33	**TOTAL UTILITY PLANT**		1,212,524	609,402	113,912	201,707	167,765	48,849	65,409	5,480
34										
35	**II. DEPRECIATION RESERVE**									
36	Production	108.3	(3,120)	(1,258)	(229)	(568)	(804)	(223)	(28)	(10)
37	Distribution	108.5	(491,221)	(246,159)	(46,149)	(82,350)	(68,068)	(19,878)	(26,370)	(2,247)
38	General	108.6	(24,583)	(13,342)	(2,359)	(3,470)	(2,995)	(817)	(1,520)	(81)
39	TOTAL DEPREC. RESERVE	108	(518,924)	(260,758)	(48,737)	(86,388)	(71,867)	(20,918)	(27,918)	(2,338)

Class Cost of Service Study ($000s)

TOTAL DISTRIBUTION REVENUE REQUIREMENT CLASS ALLOCATION

	Account Description	Account No.	Total Dollars	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
				A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
40										
41	**III. OTHER RATE BASE ITEMS**									
42	Property Held for Future Use	131	204	103	19	34	28	8	11	1
43	Contributions in Aid of Construction	255	(103)	(52)	(10)	(17)	(14)	(4)	(5)	(0)
44	Materials and Supplies	255	6,378	3,205	604	1,066	884	257	334	29
45	Loss on Reacquired Debt	255	4,592	2,307	435	767	636	185	240	21
45	Cash Working Capital		5,855	3,161	548	840	763	208	316	20
46	Accumulated Deferred FIT	154	(151,613)	(76,199)	(14,243)	(25,221)	(20,977)	(6,108)	(8,179)	(685)
47	Customer Deposits	182	(3,283)	(24)	(1,563)	(1,565)	(131)	0	(0)	0
48	Injuries and Damages Reserve		(4,762)	(2,393)	(447)	(792)	(659)	(192)	(257)	(22)
49	Total - OTHER RATE BASE ITEMS	131-283	(142,732)	(69,892)	(14,657)	(24,889)	(19,470)	(5,646)	(7,541)	(637)
50										
51	**TOTAL RATE BASE**		550,868	278,752	50,518	90,430	76,428	22,285	29,951	2,505
52										
53	**I. OPERATING AND MAINTENANCE EXPENSES**									
54	**A. DISTRIBUTION EXPENSE**									
55	Purchased Power- Borderline	555	38	15	3	7	10	3	0	0
56	Operation Supervision & Engineering	580	1,248	588	118	206	184	52	95	5
57	Load Dispatching	581	2,237	902	164	407	577	160	20	7
58	Station Expenses	582	3,081	1,387	265	536	651	192	28	22
59	Overhead Line Expenses	583	2,902	1,459	279	562	430	127	29	14
60	Underground Line Expenses	584	1,795	837	160	324	344	102	17	11
61	Street Light and Signal Systems	585	503	0	0	0	0	0	503	0
62	Meter Expenses	586	2,698	1,836	446	316	100	1	0	0
63	Customer Installation Expenses	587	1,489	769	147	296	197	58	15	7
64	Misc. Distribution Expenses	588	8,753	4,125	827	1,445	1,288	363	670	36
65	Rents	589	108	54	10	18	15	4	6	0
66	Maint Supervision & Engineering	590	42	20	4	7	6	2	3	0
67	Maint of Structures	591	24	11	2	4	5	1	0	0
68	Maintenance of Station Equipment	592	3,230	1,454	278	562	682	202	29	23
69	Maintenance of Overhead Lines	593	12,906	6,490	1,240	2,502	1,914	566	131	64
70	Maintenance of Underground Lines	594	1,085	506	97	196	208	61	10	7
71	Maintenance of Line Transformers	595	254	137	26	53	27	8	3	1
72	Maintenance of Street Lights	596	1,604	0	0	0	0	0	1,604	0
73	Maintenance of Meters	597	312	212	52	37	12	0	0	0
74	Total - OPER. AND MAINT. EXP.	500-599	44,309	20,803	4,116	7,477	6,649	1,901	3,164	198
75										

Class Cost of Service Study ($000s)

TOTAL DISTRIBUTION REVENUE REQUIREMENT CLASS ALLOCATION

	Account Description	Account No.	Total Dollars	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
				A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
76	**B. CUSTOMER ACCOUNTS AND SERVICE**									
77	Supervision	901	1,170	1,003	104	38	21	0	4	0
78	Meter Reading Expenses	902	1,599	1,088	264	187	59	0	0	0
79	Customer Records & Collection Expense	903	10,980	9,411	977	357	196	0	37	0
80	Uncollectible Accounts- Delivery	904	2,519	1,323	272	371	389	59	103	2
81	Uncollectible Accounts- Commodity	904Com	0	0	0	0	0	0	0	0
82	Misc Customer Accounts Expenses	905	1,055	933	101	19	2	0	0	0
83	Subtotal - Customer Accounts Exp.	901-905	17,323	13,758	1,719	972	668	60	144	2
84										
85	Supervision	907	86	34	6	15	23	6	1	0
86	Customer Assistance Exp Electric	908-909	1,709	677	123	306	455	126	15	6
85	Customer Assistance Expenses	910	2,135	846	154	382	569	158	19	7
86	Subtotal - Customer Service & Info.	907-913	3,930	1,558	283	703	1,047	290	35	13
87										
88	Total - CUST. ACCT. & SERV. EXP.	901-919	21,253	15,316	2,002	1,675	1,715	350	179	16
89										
90	**C. ADMINISTRATIVE AND GENERAL**									
91	GENERAL EXPENSES									
92	A&G-Salaries	920	8,976	4,871	861	1,267	1,094	298	555	29
93	A&G-Office Supplies	921	9,337	5,067	896	1,318	1,138	310	577	31
94	A&G-Outside Services Employed	923	1,384	751	133	195	169	46	86	5
95	Property Insurance	924	0	0	0	0	0	0	0	0
96	Injuries & Damages Insurance	925	4,537	2,280	426	755	628	183	245	21
97	Employee Pensions & Benefits	926	22,263	12,083	2,136	3,143	2,712	740	1,376	73
98	Regulatory Comm Expenses	928	4,600	2,328	422	755	638	186	250	21
99	A&G-Misc Expenses	930200	3,854	1,554	283	701	994	275	35	13
100	A&G-Research & Development	930210	124	63	11	20	17	5	7	1
101	A&G-Rents	931	4,376	2,375	420	618	533	145	271	14
101	A&G Maint-General Plant-Elec	935	250	136	24	35	30	8	15	1
102	TOTAL A&G EXPENSES	920-932	59,701	31,507	5,612	8,808	7,952	2,197	3,417	207
103										
104	TOTAL OPERATING EXPENSES		125,263	67,627	11,730	17,961	16,316	4,448	6,760	421
105										
106	**II. DEPRECIATION EXPENSE**									
107	Depreciation Expense	403	40,778	20,495	3,831	6,784	5,642	1,643	2,200	184
108	TOTAL DEPREC. EXPENSE	403	40,778	20,495	3,831	6,784	5,642	1,643	2,200	184
109										

Class Cost of Service Study ($000s)

TOTAL DISTRIBUTION REVENUE REQUIREMENT CLASS ALLOCATION

	Account Description	Account No.	Total Dollars	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
				A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
110	**III. TAXES and OTHER**									
111	**A. GENERAL TAXES**									
112	Municipal taxes	408	19,206	9,653	1,804	3,195	2,657	774	1,036	87
113	Payroll taxes	408	3,621	1,965	347	511	441	120	224	12
114	Other taxes	408	275	138	26	46	38	11	15	1
115	Subtotal - General Taxes		23,102	11,756	2,178	3,752	3,137	905	1,275	100
116										
117	**B. FEDERAL / STATE INCOME TAXES**									
118	Amort. ITC		(488)	(245)	(46)	(81)	(68)	(20)	(26)	(2)
119	Federal Income Tax Expense		6,736	3,409	618	1,106	935	272	366	31
120	Subtotal - Federal / State Income Taxes	409-411	6,248	3,163	572	1,025	867	253	340	28
121										
122	TOTAL TAXES	408-411	29,350	14,919	2,749	4,777	4,004	1,158	1,615	128
123										
124	**C. OTHER**									
125	Merger / Synergy Benefits		(2,026)	(1,025)	(186)	(333)	(281)	(82)	(110)	(9)
126	Amortization of Loss on Reacq Debt		686	345	64	114	95	28	37	3
127	Interest on Customer deposits		75	1	36	36	3	0	0	0
128	Subtotal- Other		(1,265)	(680)	(86)	(183)	(183)	(54)	(73)	(6)
129										
130	TOTAL EXPENSES		194,126	102,361	18,225	29,338	25,778	7,194	10,502	727
131										
132	**IV. OPERATING REVENUES at Current Rates**									
133	Distribution charge revenue	440	215,420	113,105	23,237	31,707	33,256	5,080	8,834	201
134	Forfeited discounts	450-451	2,230	1,752	170	174	134	0	1	0
135	Rent from Utility property	451Misc	2,624	1,355	259	522	347	102	27	12
136	Other revenue	454	2,948	1,548	318	434	455	70	121	3
137	Total Operating Revenues		223,222	117,759	23,983	32,837	34,192	5,252	8,983	215
138										
139	TOTAL EXPENSES		194,126	102,361	18,225	29,338	25,778	7,194	10,502	727
140										
141	**V. NET INCOME at Current Rates**		29,096	15,398	5,758	3,499	8,413	(1,942)	(1,519)	(512)
142										

Class Cost of Service Study ($000s)

TOTAL DISTRIBUTION REVENUE REQUIREMENT CLASS ALLOCATION

	Account Description	Account No.	Total Dollars	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
				A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
143	**SUMMARY REPORT**									
144	OPERATING REVENUES									
145	Utility Revenues	440-446	215,420	113,105	23,237	31,707	33,256	5,080	8,834	201
146	Other Operating Revenues	450-456	7,802	4,654	747	1,130	936	172	149	14
147	Total Operating Revenues		223,222	117,759	23,983	32,837	34,192	5,252	8,983	215
148										
149	OPERATING EXPENSES									
150	Distribution	580-599	44,309	20,803	4,116	7,477	6,649	1,901	3,164	198
151	Customer Acctg & Service	901-919	21,253	15,316	2,002	1,675	1,715	350	179	16
152	Admin & General	920-932	59,701	31,507	5,612	8,808	7,952	2,197	3,417	207
153	Total Operating Expenses		125,263	67,627	11,730	17,961	16,316	4,448	6,760	421
154										
155	Depreciation Expense	403	40,778	20,495	3,831	6,784	5,642	1,643	2,200	184
156	Taxes Other Than Income Tax / Other	408	21,837	11,076	2,092	3,569	2,953	851	1,202	94
157	INCOME BEFORE INCOME TAXES		35,344	18,562	6,330	4,524	9,280	(1,689)	(1,179)	(484)
158	Income Taxes	409-411	6,248	3,163	572	1,025	867	253	340	28
159	NET INCOME		29,096	15,398	5,758	3,499	8,413	(1,942)	(1,519)	(512)
160										
161	RATE BASE		550,868	278,752	50,518	90,430	76,428	22,285	29,951	2,505
162	Return on Rate Base		5.28%	5.52%	11.40%	3.87%	11.01%	(8.71%)	(5.07%)	(20.45%)
163										
164	**REVENUE REQUIREMENTS**									
165	Target Rate of Return		7.200%	7.200%	7.200%	7.200%	7.200%	7.200%	7.200%	7.200%
166	Rate Base		550,868	278,752	50,518	90,430	76,428	22,285	29,951	2,505
167										
168	Operating expenses		125,263	67,627	11,730	17,961	16,316	4,448	6,760	421
169	Additional uncollectibles expense		154	81	17	23	24	4	6	0
170	Depreciation expense		40,778	20,495	3,831	6,784	5,642	1,643	2,200	184
171	General taxes / Other		21,837	11,076	2,092	3,569	2,953	851	1,202	94
172	Subtotal- Operating Costs to recover		188,032	99,279	17,670	28,336	24,935	6,945	10,168	699
173										
174	Target Return on Rate Base- After taxes		39,662	20,070	3,637	6,511	5,503	1,605	2,156	180
175										
176	Income taxes to recover		11,937	6,040	1,095	1,960	1,656	483	649	54
177										
178	**TOTAL REVENUE REQUIREMENT**		239,631	125,389	22,402	36,807	32,094	9,033	12,974	934
179										
180	Revenue at Current rates		223,222	117,759	23,983	32,837	34,192	5,252	8,983	215
181	**Revenue Excess (Deficiency)**		(16,409)	(7,630)	1,582	(3,969)	2,098	(3,780)	(3,991)	(719)

Class Cost of Service Study ($000s)
FUNCTIONALIZATON

	Account Description	Account No.	Balance	Allocator	SubTransmission	Primary Dist	Secondary Dist	Billing
1	**I. ELECTRIC PLANT IN SERVICE**							
2	**A. PRODUCTION PLANT**							
3	Production Plant		3,127	SUBT	3,127	0	0	0
4	Subtotal - PRODUCTION PLANT	350-359	3,127		3,127	0	0	0
5								
6	**B. DISTRIBUTION PLANT**							
7	Land and Land Rights	360	9,475	STATIONS	0	9,475	0	0
8	Structures and Improvements	361	6,976	STATIONS	0	6,976	0	0
9	Station Equipment	362	168,193	STATIONS	0	168,193	0	0
10	Poles, Towers and Fixtures	364	182,134	Func-364	6,502	107,447	68,185	0
11	Overhead Conductors and Devices	365	260,193	Func-365	17,398	179,258	63,538	0
12	Underground Conduit	366	62,195	Func-366	4,395	49,717	8,083	0
13	Underground Conductors & Devices	367	133,017	Func-367	9,900	110,803	12,314	0
14	Line Transformers	368	157,152	SEC	0	0	157,152	0
15	Services	369	71,453	SEC	0	0	71,453	0
16	Meters	370	49,379	BILL	0	0	0	49,379
17	Installations on Cust. Prem./ARO	371/374	142	BILL	0	0	0	142
18	Street Lighting & Signal Systems	373	52,165	SEC	0	0	52,165	0
19	Subtotal - DISTRIBUTION PLANT	360-373	1,152,474		38,194	631,869	432,889	49,521
20								
21	**C. GENERAL PLANT**							
22	Land and Land Rights	389	952	LABOR	115	375	169	294
23	Structures and Improvements	390	23,532	LABOR	2,851	9,257	4,165	7,259
24	Office Furniture and Equipment	391	859	LABOR	104	338	152	265
25	Passenger Cars - Transp Equipment	392	646	LABOR	78	254	114	199
26	Stores Equipment	393	454	LABOR	55	179	80	140
27	Tools, Shop & Garage Equipment	394	2,678	LABOR	324	1,053	474	826
28	Laboratory Equipment	395	1,905	LABOR	231	749	337	588
29	Communications Equipment	396	25,774	LABOR	3,122	10,139	4,562	7,951
30	Miscellaneous Equipment	397/399.1	123	LABOR	15	48	22	38
31	Subtotal - GENERAL PLANT	389-399	56,923		6,896	22,393	10,075	17,559
32								
33	**TOTAL UTILITY PLANT**		1,212,524		48,217	654,262	442,964	67,080
34								
35	**II. DEPRECIATION RESERVE**							
36	Production	108.3	(3,120)	SUBT	(3,120)	0	0	0
37	Distribution	108.5	(491,221)	DISTPT	(16,280)	(269,323)	(184,511)	(21,107)
38	General	108.6	(24,583)	LABOR	(2,978)	(9,671)	(4,351)	(7,583)
39	TOTAL DEPREC. RESERVE	108	(518,924)		(22,378)	(278,993)	(188,862)	(28,691)

Class Cost of Service Study ($000s)
FUNCTIONALIZATON

	Account Description	Account No.	Balance	Allocator	SubTransmission	Primary Dist	Secondary Dist	Billing
40								
41	**III. OTHER RATE BASE ITEMS**							
42	Property Held for Future Use	131	204	PLANT	8	110	75	11
43	Contributions in Aid of Construction	255	(103)	PLANT	(4)	(56)	(38)	(6)
44	Materials and Supplies	255	6,378	PLANT	254	3,441	2,330	353
45	Loss on Reacquired Debt	255	4,592	PLANT	183	2,478	1,678	254
45	Cash Working Capital		5,855	OPEXP	518	2,349	1,084	1,904
46	Accumulated Deferred FIT	154	(151,613)	PLANT	(6,029)	(81,808)	(55,388)	(8,388)
47	Customer Deposits	182	(3,283)	BILL	0	0	0	(3,283)
48	Injuries and Damages Reserve		(4,762)	PLANT	(189)	(2,570)	(1,740)	(263)
49	Total - OTHER RATE BASE ITEMS	131-283	(142,732)		(5,261)	(76,055)	(51,999)	(9,418)
50								
51	**TOTAL RATE BASE**		550,868		20,579	299,214	202,103	28,972
52								
53	**I. OPERATING AND MAINTENANCE EXPENSES**							
54	**A. DISTRIBUTION EXPENSE**							
55	Purchased Power- Borderline	555	38	SUBT	38	0	0	0
56	Operation Supervision & Engineering	580	1,248	Dist-LABOR	189	612	275	172
57	Load Dispatching	581	2,237	SUBT	2,237	0	0	0
58	Station Expenses	582	3,081	STATIONS	0	3,081	0	0
59	Overhead Line Expenses	583	2,902	OH_Total	157	1,881	864	0
60	Underground Line Expenses	584	1,795	Func-367	134	1,495	166	0
61	Street Light and Signal Systems	585	503	SEC	0	0	503	0
62	Meter Expenses	586	2,698	BILL	0	0	0	2,698
63	Customer Installation Expenses	587	1,489	Func-364	53	878	557	0
64	Misc. Distribution Expenses	588	8,753	Dist-LABOR	1,322	4,294	1,932	1,204
65	Rents	589	108	DISTPT	4	59	41	5
66	Maint Supervision & Engineering	590	42	Dist-LABOR	6	21	9	6
67	Maint of Structures	591	24	STATIONS	0	24	0	0
68	Maintenance of Station Equipment	592	3,230	STATIONS	0	3,230	0	0
69	Maintenance of Overhead Lines	593	12,906	OH_Total	697	8,365	3,843	0
70	Maintenance of Underground Lines	594	1,085	Func-367	81	904	100	0
71	Maintenance of Line Transformers	595	254	SEC	0	0	254	0
72	Maintenance of Street Lights	596	1,604	SEC	0	0	1,604	0
73	Maintenance of Meters	597	312	BILL	0	0	0	312
74	Total - OPER. AND MAINT. EXP.	500-599	44,309		4,918	24,845	10,150	4,396
75								

Class Cost of Service Study ($000s)
FUNCTIONALIZATON

	Account Description	Account No.	Balance	Allocator	SubTransmission	Primary Dist	Secondary Dist	Billing
76	**B. CUSTOMER ACCOUNTS AND SERVICE**							
77	Supervision	901	1,170	BILL	0	0	0	1,170
78	Meter Reading Expenses	902	1,599	BILL	0	0	0	1,599
79	Customer Records & Collection Expense	903	10,980	BILL	0	0	0	10,980
80	Uncollectible Accounts- Delivery	904	2,519	BILL	0	0	0	2,519
81	Uncollectible Accounts- Commodity	904Com	0	BILL	0	0	0	0
82	Misc Customer Accounts Expenses	905	1,055	BILL	0	0	0	1,055
83	Subtotal - Customer Accounts Exp.	901-905	17,323		0	0	0	17,323
84								
85	Supervision	907	86	BILL	0	0	0	86
86	Customer Assistance Exp Electric	908-909	1,709	BILL	0	0	0	1,709
85	Customer Assistance Expenses	910	2,135	BILL	0	0	0	2,135
86	Subtotal - Customer Service & Info.	907-913	3,930		0	0	0	3,930
87								
88	Total - CUST. ACCT. & SERV. EXP.	901-919	21,253		0	0	0	21,253
89								
90	**C. ADMINISTRATIVE AND GENERAL**							
91	GENERAL EXPENSES							
92	A&G-Salaries	920	8,976	LABOR	1,087	3,531	1,589	2,769
93	A&G-Office Supplies	921	9,337	LABOR	1,131	3,673	1,653	2,880
94	A&G-Outside Services Employed	923	1,384	LABOR	168	544	245	427
95	Property Insurance	924	0	PLANT	0	0	0	0
96	Injuries & Damages Insurance	925	4,537	PLANT	180	2,448	1,657	251
97	Employee Pensions & Benefits	926	22,263	LABOR	2,697	8,758	3,940	6,867
98	Regulatory Comm Expenses	928	4,600	RATEBASE	172	2,499	1,688	242
99	A&G-Misc Expenses	930200	3,854	PLANT	153	2,080	1,408	213
100	A&G-Research & Development	930210	124	RATEBASE	5	67	45	7
101	A&G-Rents	931	4,376	LABOR	530	1,721	775	1,350
101	A&G Maint-General Plant-Elec	935	250	LABOR	30	98	44	77
102	TOTAL A&G EXPENSES	920-932	59,701		6,154	25,420	13,044	15,083
103								
104	TOTAL OPERATING EXPENSES		125,263		11,072	50,265	23,194	40,732
105								
106	**II. DEPRECIATION EXPENSE**							
107	Depreciation Expense	403	40,778	PLANT	1,622	22,003	14,897	2,256
108	TOTAL DEPREC. EXPENSE	403	40,778		1,622	22,003	14,897	2,256
109								

Class Cost of Service Study ($000s)
FUNCTIONALIZATON

	Account Description	Account No.	Balance	Allocator	SubTransmission	Primary Dist	Secondary Dist	Billing
110	**III. TAXES and OTHER**							
111	**A. GENERAL TAXES**							
112	Municipal taxes	408.3	19,206	PLANT	764	10,363	7,016	1,063
113	Payroll taxes	408.4	3,621	LABOR	439	1,424	641	1,117
114	Other taxes	408	275	PLANT	11	148	100	15
115	Subtotal - General Taxes		23,102		1,213	11,936	7,758	2,195
116								
117	**B. FEDERAL / STATE INCOME TAXES**							
118	Amort. ITC		(488)	PLANT	(19)	(263)	(178)	(27)
119	Federal Income Tax Expense		6,736	RATEBASE	252	3,659	2,471	354
120	Subtotal - Federal / State Income Taxes	409-411	6,248		232	3,395	2,293	327
121								
122	TOTAL TAXES	408-411	29,350		1,446	15,332	10,051	2,522
123								
124	**C. OTHER**							
125	Merger / Synergy Benefits		(2,026)	RATEBASE	(76)	(1,100)	(743)	(107)
126	Amortization of Loss on Reacq Debt		686	PLANT	27	370	251	38
127	Interest on Customer deposits		75	BILL	0	0	0	75
128	Subtotal- Other		(1,265)		(48)	(730)	(493)	6
129								
130	**TOTAL EXPENSES**		194,126		14,090	86,870	47,650	45,516
131								
132	**IV. OPERATING REVENUES at Current Rates**							
133	Distribution charge revenue	440	215,420	RevReq_PF	14,381	99,809	57,206	44,024
134	Forfeited discounts	450-451	2,230	BILL	0	0	0	2,230
135	Rent from Utility property	451Misc	2,624	Func-364	94	1,548	982	0
136	Other revenue	454	2,948	RevReq_PF	197	1,366	783	602
137	Total Operating Revenues		223,222		14,671	102,723	58,971	46,857
138								
139	TOTAL EXPENSES		194,126		14,090	86,870	47,650	45,516
140								
141	**V. NET INCOME at Current Rates**		29,096		581	15,853	11,322	1,340
142								

Class Cost of Service Study ($000s)
FUNCTIONALIZATON

	Account Description	Account No.	Balance	Allocator	SubTransmission	Primary Dist	Secondary Dist	Billing
143	**SUMMARY REPORT**							
144	OPERATING REVENUES							
145	Utility Revenues	440-446	215,420		14,381	99,809	57,206	44,024
146	Other Operating Revenues	450-456	7,802		290	2,914	1,765	2,832
147	Total Operating Revenues		223,222		14,671	102,723	58,971	46,857
148								
149	OPERATING EXPENSES							
150	Distribution	580-599	44,309		4,918	24,845	10,150	4,396
151	Customer Acctg & Service	901-919	21,253		0	0	0	21,253
152	Admin & General	920-932	59,701		6,154	25,420	13,044	15,083
153	Total Operating Expenses		125,263		11,072	50,265	23,194	40,732
154								
155	Depreciation Expense	403	40,778		1,622	22,003	14,897	2,256
156	Taxes Other Than Income Tax / Other	408	21,837		1,165	11,206	7,265	2,201
157	INCOME BEFORE INCOME TAXES		35,344		813	19,249	13,615	1,667
158	Income Taxes	409-411	6,248		232	3,395	2,293	327
159	**NET INCOME**		29,096		581	15,853	11,322	1,340
160								
161	**RATE BASE**		550,868		20,579	299,214	202,103	28,972
162	Return on Rate Base		5.28%		2.82%	5.30%	5.60%	4.63%
163								
164	**REVENUE REQUIREMENTS**							
165	Target Rate of Return		7.2000%		7.2000%	7.2000%	7.2000%	7.2000%
166	Rate Base		550,868		20,579	299,214	202,103	28,972
167								
168	Operating expenses		125,263		11,072	50,265	23,194	40,732
169	Additional uncollectibles expense		154	BILL	0	0	0	154
170	Depreciation expense		40,778		1,622	22,003	14,897	2,256
171	General taxes / Other		21,837		1,165	11,206	7,265	2,201
172	Subtotal- Operating Costs to recover		188,032		13,858	83,474	45,357	45,343
173								
174	Target Return on Rate Base- After taxes		39,662		1,482	21,543	14,551	2,086
175								
176	Income taxes to recover		11,937	RATEBASE	446	6,484	4,379	628
177								
178	**TOTAL REVENUE REQUIREMENT**		239,631		15,786	111,501	64,287	48,057
179								
180	Revenue at Current rates		223,222		14,671	102,723	58,971	46,857
181	Revenue Excess (Deficiency)		(16,409)		(1,115)	(8,778)	(5,316)	(1,200)

Class Cost of Service Study ($000s)
CLASSIFICATION

	Account Description	Account No.	Secondary Dist Dollars	Allocator	Secondary Dist Demand	Secondary Dist Energy	Secondary Dist Customer
1	**I. ELECTRIC PLANT IN SERVICE**						
2	**A. PRODUCTION PLANT**						
3	Production Plant		0	None	0	0	0
4	Subtotal - PRODUCTION PLANT	350-359	0		0	0	0
5							
6	**B. DISTRIBUTION PLANT**						
7	Land and Land Rights	360	0	None	0	0	0
8	Structures and Improvements	361	0	None	0	0	0
9	Station Equipment	362	0	None	0	0	0
10	Poles, Towers and Fixtures	364	68,185	DEMAND	68,185	0	0
11	Overhead Conductors and Devices	365	63,538	DEMAND	63,538	0	0
12	Underground Conduit	366	8,083	DEMAND	8,083	0	0
13	Underground Conductors & Devices	367	12,314	DEMAND	12,314	0	0
14	Line Transformers	368	157,152	DEMAND	157,152	0	0
15	Services	369	71,453	CUST	0	0	71,453
16	Meters	370	0	None	0	0	0
17	Installations on Cust. Prem./ARO	371/374	0	None	0	0	0
18	Street Lighting & Signal Systems	373	52,165	CUST	0	0	52,165
19	Subtotal - DISTRIBUTION PLANT	360-373	432,889		309,271	0	123,618
20							
21	**C. GENERAL PLANT**						
22	Land and Land Rights	389	169	SECLABOR	116	0	52
23	Structures and Improvements	390	4,165	SECLABOR	2,867	0	1,298
24	Office Furniture and Equipment	391	152	SECLABOR	105	0	47
25	Passenger Cars - Transp Equipment	392	114	SECLABOR	79	0	36
26	Stores Equipment	393	80	SECLABOR	55	0	25
27	Tools, Shop & Garage Equipment	394	474	SECLABOR	326	0	148
28	Laboratory Equipment	395	337	SECLABOR	232	0	105
29	Communications Equipment	396	4,562	SECLABOR	3,141	0	1,421
30	Miscellaneous Equipment	397/399.1	22	SECLABOR	15	0	7
31	Subtotal - GENERAL PLANT	389-399	10,075		6,936	0	3,139
32							
33	**TOTAL UTILITY PLANT**		442,964		316,207	0	126,757
34							
35	**II. DEPRECIATION RESERVE**						
36	Production	108.3	0	None	0	0	0
37	Distribution	108.5	(184,511)	SEC_DiPT	(131,821)	0	(52,690)
38	General	108.6	(4,351)	SECLABOR	(2,995)	0	(1,356)
39	TOTAL DEPREC. RESERVE	108	(188,862)		(134,817)	0	(54,046)

Class Cost of Service Study ($000s)
CLASSIFICATION

	Account Description	Account No.	Secondary Dist Dollars	Allocator	Secondary Dist Demand	Secondary Dist Energy	Secondary Dist Customer
40							
41	**III. OTHER RATE BASE ITEMS**						
42	Property Held for Future Use	131	75	SEC_DiPT	53	0	21
43	Contributions in Aid of Construction	255	(38)	SEC_DiPT	(27)	0	(11)
44	Materials and Supplies	255	2,330	SEC_DiPT	1,665	0	665
45	Loss on Reacquired Debt	255	1,678	SEC_DiPT	1,199	0	479
45	Cash Working Capital		1,084	SEC_EXP	769	0	316
46	Accumulated Deferred FIT	154	(55,388)	SECPT	(39,538)	0	(15,850)
47	Customer Deposits	182	0	SECPT	0	0	0
48	Injuries and Damages Reserve		(1,740)	SECPT	(1,242)	0	(498)
49	Total - OTHER RATE BASE ITEMS	131-283	(51,999)		(37,122)	0	(14,877)
50							
51	**TOTAL RATE BASE**		202,103		144,269	0	57,835
52							
53	**I. OPERATING AND MAINTENANCE EXPENSES**						
54	**A. DISTRIBUTION EXPENSE**						
55	Purchased Power- Borderline	555	0	SECLABOR	0	0	0
56	Operation Supervision & Engineering	580	275	SEC-DxLABOR	190	0	86
57	Load Dispatching	581	0	None	0	0	0
58	Station Expenses	582	0	None	0	0	0
59	Overhead Line Expenses	583	864	DEMAND	864	0	0
60	Underground Line Expenses	584	166	DEMAND	166	0	0
61	Street Light and Signal Systems	585	503	CUST	0	0	503
62	Meter Expenses	586	0	None	0	0	0
63	Customer Installation Expenses	587	557	DEMAND	557	0	0
64	Misc. Distribution Expenses	588	1,932	SEC-DxLABOR	1,330	0	602
65	Rents	589	41	SEC_DiPT	29	0	12
66	Maint Supervision & Engineering	590	9	SEC-DxLABOR	6	0	3
67	Maint of Structures	591	0	None	0	0	0
68	Maintenance of Station Equipment	592	0	None	0	0	0
69	Maintenance of Overhead Lines	593	3,843	DEMAND	3,843	0	0
70	Maintenance of Underground Lines	594	100	DEMAND	100	0	0
71	Maintenance of Line Transformers	595	254	DEMAND	254	0	0
72	Maintenance of Street Lights	596	1,604	CUST	0	0	1,604
73	Maintenance of Meters	597	0	SEC_DiPT	0	0	0
74	Total - OPER. AND MAINT. EXP.	500-599	10,150		7,341	0	2,809
75							

Class Cost of Service Study ($000s)
CLASSIFICATION

	Account Description	Account No.	Secondary Dist Dollars	Allocator	Secondary Dist Demand	Secondary Dist Energy	Secondary Dist Customer
76	**B. CUSTOMER ACCOUNTS AND SERVICE**						
77	Supervision	901	0	None	0	0	0
78	Meter Reading Expenses	902	0	None	0	0	0
79	Customer Records & Collection Expense	903	0	None	0	0	0
80	Uncollectible Accounts- Delivery	904	0	None	0	0	0
81	Uncollectible Accounts- Commodity	904Com	0	None	0	0	0
82	Misc Customer Accounts Expenses	905	0	None	0	0	0
83	Subtotal - Customer Accounts Exp.	901-905	0		0	0	0
84							
85	Supervision	907	0	None	0	0	0
86	Customer Assistance Exp Electric	908-909	0	None	0	0	0
85	Customer Assistance Expenses	910	0	None	0	0	0
86	Subtotal - Customer Service & Info.	907-913	0		0	0	0
87							
88	Total - CUST. ACCT. & SERV. EXP.	901-919	0		0	0	0
89							
90	**C. ADMINISTRATIVE AND GENERAL**						
91	GENERAL EXPENSES						
92	A&G-Salaries	920	1,589	SECLABOR	1,094	0	495
93	A&G-Office Supplies	921	1,653	SECLABOR	1,138	0	515
94	A&G-Outside Services Employed	923	245	SECLABOR	169	0	76
95	Property Insurance	924	0	SECPT	0	0	0
96	Injuries & Damages Insurance	925	1,657	SECPT	1,183	0	474
97	Employee Pensions & Benefits	926	3,940	SECLABOR	2,713	0	1,228
98	Regulatory Comm Expenses	928	1,688	SEC_RB	1,205	0	483
99	A&G-Misc Expenses	930,200	1,408	SECPT	1,005	0	403
100	A&G-Research & Development	930,210	45	SEC_RB	32	0	13
101	A&G-Rents	931	775	SECLABOR	533	0	241
101	A&G Maint-General Plant-Elec	935	44	SECLABOR	30	0	14
102	TOTAL A&G EXPENSES	920-932	13,044		9,102	0	3,942
103							
104	TOTAL OPERATING EXPENSES		23,194		16,443	0	6,751
105							
106	**II. DEPRECIATION EXPENSE**						
107	Depreciation Expense	403	14,897	SECPT	10,634	0	4,263
108	TOTAL DEPREC. EXPENSE	403	14,897		10,634	0	4,263
109							

Class Cost of Service Study ($000s)
CLASSIFICATION

	Account Description	Account No.	Secondary Dist Dollars	Allocator	Secondary Dist Demand	Secondary Dist Energy	Secondary Dist Customer
110	**III. TAXES and OTHER**						
111	**A. GENERAL TAXES**						
112	Municipal taxes	408	7,016	SECPT	5,009	0	2,008
113	Payroll taxes	408	641	SECLABOR	441	0	200
114	Other taxes	408	100	SECPT	72	0	29
115	Subtotal - General Taxes		7,758		5,522	0	2,236
116							
117	**B. FEDERAL / STATE INCOME TAXES**						
118	Amort. ITC		(178)	SECPT	(127)	0	(51)
119	Federal Income Tax Expense		2,471	SEC_RB	1,764	0	707
120	Subtotal - Federal / State Income Taxes	409-411	2,293		1,637	0	656
121							
122	TOTAL TAXES	408-411	10,051		7,158	0	2,892
123							
124	**C. OTHER**						
125	Merger / Synergy Benefits		(743)	SECPT	(531)	0	(213)
126	Amortization of Loss on Reacq Debt		251	SECPT	179	0	72
127	Interest on Customer deposits		0	CUST	0	0	0
128	Subtotal- Other		(493)		(352)	0	(141)
129							
130	TOTAL EXPENSES		47,650		33,884	0	13,766
131				SEC_RevReq_PF			
132	**IV. OPERATING REVENUES at Current Rates**						
133	Distribution charge revenue	440	57,206	SECPT	40,836	0	16,370
134	Forfeited discounts	450-451	0	None	0	0	0
135	Rent from Utility property	451Misc	982	DEMAND	982	0	0
136	Other revenue	454	783	SECPT	559	0	224
137	Total Operating Revenues		58,971		42,377	0	16,594
138							
139	TOTAL EXPENSES		47,650		33,884	0	13,766
140							
141	**V. NET INCOME at Current Rates**		11,322		8,494	0	2,828
142							

Class Cost of Service Study ($000s)
CLASSIFICATION

	Account Description	Account No.	Secondary Dist Dollars	Allocator	Secondary Dist Demand	Secondary Dist Energy	Secondary Dist Customer
143	**SUMMARY REPORT**						
144	OPERATING REVENUES						
145	Utility Revenues	440-446	57,206		40,836	0	16,370
146	Other Operating Revenues	450-456	1,765		1,541	0	224
147	Total Operating Revenues		58,971		42,377	0	16,594
148							
149	OPERATING EXPENSES						
150	Distribution	580-599	10,150		7,341	0	2,809
151	Customer Acctg & Service	901-919	0		0	0	0
152	Admin & General	920-932	13,044		9,102	0	3,942
153	Total Operating Expenses		23,194		16,443	0	6,751
154							
155	Depreciation Expense	403	14,897		10,634	0	4,263
156	Taxes Other Than Income Tax / Other	408	7,265		5,170	0	2,095
157	INCOME BEFORE INCOME TAXES		13,615		10,130	0	3,484
158	Income Taxes	409-411	2,293		1,637	0	656
159	NET INCOME		11,322		8,494	0	2,828
160							
161	RATE BASE		202,103		144,269	0	57,835
162	Return on Rate Base						
163							
164	**REVENUE REQUIREMENTS**						
165	Target Rate of Return		7.200%		7.200%	7.200%	7.200%
166	Rate Base		202,103		144,269	0	57,835
167							
168	Operating expenses		23,194		16,443	0	6,751
169	Additional uncollectibles expense		0	SECPT	0	0	0
170	Depreciation expense		14,897		10,634	0	4,263
171	General taxes / Other		7,265		5,170	0	2,095
172	Subtotal- Operating Costs to recover		45,357		32,247	0	13,110
173							
174	Target Return on Rate Base- After taxes		14,551		10,387	0	4,164
175							
176	Income taxes to recover		4,379	SEC_RB	3,126	0	1,253
177							
178	**TOTAL REVENUE REQUIREMENT**		64,287		45,760	0	18,527
179							
180	Revenue at Current rates		58,971		42,377	0	16,594
181	Revenue Excess (Deficiency)		(5,316)		(3,383)	0	(1,933)

Class Cost of Service Study ($000s)
SUBTRANSMISSION DEMAND - CLASS ALLOCATION

	Account Description	Account No.	SubTransmiss Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
1	**I. ELECTRIC PLANT IN SERVICE**										
2	**A. PRODUCTION PLANT**										
3	Production Plant		3,127	MWh-Gen	1,261	229	569	806	223	28	10
4	Subtotal - PRODUCTION PLANT	350-359	3,127		1,261	229	569	806	223	28	10
5											
6	**B. DISTRIBUTION PLANT**										
7	Land and Land Rights	360	0	None	0	0	0	0	0	0	0
8	Structures and Improvements	361	0	None	0	0	0	0	0	0	0
9	Station Equipment	362	0	None	0	0	0	0	0	0	0
10	Poles, Towers and Fixtures	364	6,502	NCP_at_115	2,927	559	1,132	1,373	406	59	46
11	Overhead Conductors and Devices	365	17,398	NCP_at_115	7,831	1,497	3,029	3,674	1,086	158	123
12	Underground Conduit	366	4,395	NCP_at_115	1,978	378	765	928	274	40	31
13	Underground Conductors & Devices	367	9,900	NCP_at_115	4,456	852	1,724	2,091	618	90	70
14	Line Transformers	368	0	None	0	0	0	0	0	0	0
15	Services	369	0	None	0	0	0	0	0	0	0
16	Meters	370	0	None	0	0	0	0	0	0	0
17	Installations on Cust. Prem./ARO	371/374	0	None	0	0	0	0	0	0	0
18	Street Lighting & Signal Systems	373	0	None	0	0	0	0	0	0	0
19	Subtotal - DISTRIBUTION PLANT	360-373	38,194		17,192	3,286	6,650	8,067	2,384	346	270
20											
21	**C. GENERAL PLANT**										
22	Land and Land Rights	389	115	SUBT-LAB-D	47	9	21	29	8	1	0
23	Structures and Improvements	390	2,851	SUBT-LAB-D	1,173	216	515	711	199	26	11
24	Office Furniture and Equipment	391	104	SUBT-LAB-D	43	8	19	26	7	1	0
25	Passenger Cars - Transp Equipment	392	78	SUBT-LAB-D	32	6	14	20	5	1	0
26	Stores Equipment	393	55	SUBT-LAB-D	23	4	10	14	4	0	0
27	Tools, Shop & Garage Equipment	394	324	SUBT-LAB-D	134	25	59	81	23	3	1
28	Laboratory Equipment	395	231	SUBT-LAB-D	95	17	42	58	16	2	1
29	Communications Equipment	396	3,122	SUBT-LAB-D	1,285	236	564	779	218	28	12
30	Miscellaneous Equipment	397/399.1	15	SUBT-LAB-D	6	1	3	4	1	0	0
31	Subtotal - GENERAL PLANT	389-399	6,896	None	2,838	521	1,245	1,720	481	63	27
32											
33	**TOTAL UTILITY PLANT**		48,217		21,291	4,036	8,464	10,593	3,088	437	307
34											
35	**II. DEPRECIATION RESERVE**										
36	Production	108.3	(3,120)	SUBT-PrPT-D	(1,258)	(229)	(568)	(804)	(223)	(28)	(10)
37	Distribution	108.5	(16,280)	SUBT-DxPT-D	(7,328)	(1,400)	(2,835)	(3,438)	(1,016)	(148)	(115)
38	General	108.6	(2,978)	SUBT-LAB-D	(1,226)	(225)	(538)	(743)	(208)	(27)	(12)
39	TOTAL DEPREC. RESERVE	108	(22,378)		(9,812)	(1,854)	(3,940)	(4,986)	(1,447)	(203)	(137)

Class Cost of Service Study ($000s)
SUBTRANSMISSION DEMAND - CLASS ALLOCATION

	Account Description	Account No.	SubTransmiss Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
40											
41	**III. OTHER RATE BASE ITEMS**										
42	Property Held for Future Use	131	8	SUBT-PT-D	4	1	1	2	1	0	0
43	Contributions in Aid of Construction	255	(4)	SUBT-PT-D	(2)	(0)	(1)	(1)	(0)	(0)	(0)
44	Materials and Supplies	255	254	SUBT-PT-D	112	21	45	56	16	2	2
45	Loss on Reacquired Debt	255	183	SUBT-PT-D	81	15	32	40	12	2	1
45	Cash Working Capital		518	SUBT-EXP-D	215	40	93	127	36	5	2
46	Accumulated Deferred FIT	154	(6,029)	SUBT-PT-D	(2,662)	(505)	(1,058)	(1,325)	(386)	(55)	(38)
47	Customer Deposits	182	0	None	0	0	0	0	0	0	0
48	Injuries and Damages Reserve		(189)	SUBT-PT-D	(84)	(16)	(33)	(42)	(12)	(2)	(1)
49	Total - OTHER RATE BASE ITEM	131-283	(5,261)		(2,336)	(444)	(921)	(1,143)	(334)	(47)	(35)
50											
51	**TOTAL RATE BASE**		20,579		9,144	1,738	3,603	4,465	1,307	187	136
52											
53	**I. OPERATING AND MAINTENANCE EXPENSES**										
54	**A. DISTRIBUTION EXPENSE**										
55	Purchased Power- Borderline	555	38	MWh-Gen	15	3	7	10	3	0	0
56	Operation Supervision & Engineerin	580	189	SUBT-DxLAB-D	78	14	34	47	13	2	1
57	Load Dispatching	581	2,237	MWh-Gen	902	164	407	577	160	20	7
58	Station Expenses	582	0	None	0	0	0	0	0	0	0
59	Overhead Line Expenses	583	157	NCP_at_115	71	13	27	33	10	1	1
60	Underground Line Expenses	584	134	NCP_at_115	60	11	23	28	8	1	1
61	Street Light and Signal Systems	585	0	None	0	0	0	0	0	0	0
62	Meter Expenses	586	0	None	0	0	0	0	0	0	0
63	Customer Installation Expenses	587	53	NCP_at_115	24	5	9	11	3	0	0
64	Misc. Distribution Expenses	588	1,322	SUBT-DxLAB-D	544	100	239	330	92	12	5
65	Rents	589	4	SUBT-PT-D	2	0	1	1	0	0	0
66	Maint Supervision & Engineering	590	6	SUBT-DxLAB-D	3	0	1	2	0	0	0
67	Maint of Structures	591	0	None	0	0	0	0	0	0	0
68	Maintenance of Station Equipment	592	0	None	0	0	0	0	0	0	0
69	Maintenance of Overhead Lines	593	697	NCP_at_115	314	60	121	147	44	6	5
70	Maintenance of Underground Lines	594	81	NCP_at_115	36	7	14	17	5	1	1
71	Maintenance of Line Transformers	595	0	None	0	0	0	0	0	0	0
72	Maintenance of Street Lights	596	0	None	0	0	0	0	0	0	0
73	Maintenance of Meters	597	0	SUBT-PT-D	0	0	0	0	0	0	0
74	Total - OPER. AND MAINT. EXP.	500-599	4,918		2,048	378	884	1,203	339	45	21
75											

Class Cost of Service Study ($000s)
SUBTRANSMISSION DEMAND - CLASS ALLOCATION

	Account Description	Account No.	SubTransmiss Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
76	**B. CUSTOMER ACCOUNTS AND SERVICE**										
77	Supervision	901	0	None	0	0	0	0	0	0	0
78	Meter Reading Expenses	902	0	None	0	0	0	0	0	0	0
79	Customer Records & Collection Exp	903	0	None	0	0	0	0	0	0	0
80	Uncollectible Accounts- Delivery	904	0	None	0	0	0	0	0	0	0
81	Uncollectible Accounts- Commodity	904Com	0	None	0	0	0	0	0	0	0
82	Misc Customer Accounts Expenses	905	0	None	0	0	0	0	0	0	0
83	Subtotal - Customer Accounts Exp.	901-905	0		0	0	0	0	0	0	0
84											
85	Supervision	907	0	None	0	0	0	0	0	0	0
86	Customer Assistance Exp Electric	908-909	0	None	0	0	0	0	0	0	0
85	Customer Assistance Expenses	910	0	None	0	0	0	0	0	0	0
86	Subtotal - Customer Service & Info.	907-913	0		0	0	0	0	0	0	0
87											
88	Total - CUST. ACCT. & SERV. EX	901-919	0		0	0	0	0	0	0	0
89											
90	**C. ADMINISTRATIVE AND GENERAL**										
91	GENERAL EXPENSES										
92	A&G-Salaries	920	1,087	SUBT-LAB-D	448	82	196	271	76	10	4
93	A&G-Office Supplies	921	1,131	SUBT-LAB-D	466	86	204	282	79	10	4
94	A&G-Outside Services Employed	923	168	SUBT-LAB-D	69	13	30	42	12	2	1
95	Property Insurance	924	0	SUBT-PT-D	0	0	0	0	0	0	0
96	Injuries & Damages Insurance	925	180	SUBT-PT-D	80	15	32	40	12	2	1
97	Employee Pensions & Benefits	926	2,697	SUBT-LAB-D	1,110	204	487	673	188	24	11
98	Regulatory Comm Expenses	928	172	RateBase	87	16	28	24	7	9	1
99	A&G-Misc Expenses	930200	153	MWh-Gen	62	11	28	40	11	1	1
100	A&G-Research & Development	930210	5	RateBase	2	0	1	1	0	0	0
101	A&G-Rents	931	530	SUBT-LAB-D	218	40	96	132	37	5	2
101	A&G Maint-General Plant-Elec	935	30	SUBT-LAB-D	12	2	5	8	2	0	0
102	TOTAL A&G EXPENSES	920-932	6,154		2,554	469	1,107	1,511	423	64	25
103											
104	TOTAL OPERATING EXPENSES		11,072		4,602	847	1,991	2,714	762	108	46
105											
106	**II. DEPRECIATION EXPENSE**										
107	Depreciation Expense	403	1,622	SUBT-PT-D	716	136	285	356	104	15	10
108	TOTAL DEPREC. EXPENSE	403	1,622		716	136	285	356	104	15	10
109											

Class Cost of Service Study ($000s)
SUBTRANSMISSION DEMAND - CLASS ALLOCATION

	Account Description	Account No.	SubTransmiss Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
110	**III. TAXES and OTHER**										
111	**A. GENERAL TAXES**										
112	Municipal taxes	408	764	SUBT-PT-D	337	64	134	168	49	7	5
113	Payroll taxes	408	439	SUBT-LAB-D	181	33	79	109	31	4	2
114	Other taxes	408	11	SUBT-PT-D	5	1	2	2	1	0	0
115	Subtotal - General Taxes		1,213		523	98	215	280	80	11	7
116											
117	**B. FEDERAL / STATE INCOME TAXES**										
118	Amort. ITC		(19)	SUBT-PT-D	(9)	(2)	(3)	(4)	(1)	(0)	(0)
119	Federal Income Tax Expense		252	RATEBASE	127	23	41	35	10	14	1
120	Subtotal - Federal / State Income Ta:	409-411	232		119	21	38	31	9	14	1
121											
122	TOTAL TAXES	408-411	1,446		641	119	253	310	89	25	8
123											
124	**C. OTHER**										
125	Merger / Synergy Benefits		(76)	RATEBASE	(38)	(7)	(12)	(11)	(3)	(4)	(0)
126	Amortization of Loss on Reacq Debt		27	SUBT-PT-D	12	2	5	6	2	0	0
127	Interest on Customer deposits		0	None	0	0	0	0	0	0	0
128	Subtotal- Other		(48)		(26)	(5)	(8)	(5)	(1)	(4)	(0)
129											
130	TOTAL EXPENSES		14,090		5,933	1,098	2,521	3,376	954	144	64
131											
132	**IV. OPERATING REVENUES at Current Rates**										
133	Distribution charge revenue	440	14,381	Total_Del_Rev	7,550	1,551	2,117	2,220	339	590	13
134	Forfeited discounts	450-451	0	None	0	0	0	0	0	0	0
135	Rent from Utility property	451Misc	94	NCP_at_115	42	8	16	20	6	1	1
136	Other revenue	454	197	Total_Del_Rev	103	21	29	30	5	8	0
137	Total Operating Revenues		14,671		7,696	1,580	2,162	2,270	350	599	14
138											
139	TOTAL EXPENSES		14,090		5,933	1,098	2,521	3,376	954	144	64
140											
141	**V. NET INCOME at Current Rates**		581		1,763	482	(359)	(1,106)	(604)	455	(50)
142											

Class Cost of Service Study ($000s)
SUBTRANSMISSION DEMAND - CLASS ALLOCATION

	Account Description	Account No.	SubTransmiss Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
143	**SUMMARY REPORT**										
144	OPERATING REVENUES										
145	Utility Revenues	440-446	14,381		7,550	1,551	2,117	2,220	339	590	13
146	Other Operating Revenues	450-456	290		145	29	45	50	10	9	1
147	Total Operating Revenues		14,671		7,696	1,580	2,162	2,270	350	599	14
148											
149	OPERATING EXPENSES										
150	Distribution	580-599	4,918		2,048	378	884	1,203	339	45	21
151	Customer Acctg & Service	901-919	0		0	0	0	0	0	0	0
152	Admin & General	920-932	6,154		2,554	469	1,107	1,511	423	64	25
153	Total Operating Expenses		11,072		4,602	847	1,991	2,714	762	108	46
154											
155	Depreciation Expense	403	1,622		716	136	285	356	104	15	10
156	Taxes Other Than Income Tax / Oth	408	1,165		496	93	208	275	79	7	6
157	INCOME BEFORE INCOME TAX		813		1,882	504	(322)	(1,075)	(595)	468	(49)
158	Income Taxes	409-411	232		119	21	38	31	9	14	1
159	NET INCOME		581		1,763	482	(359)	(1,106)	(604)	455	(50)
160											
161	RATE BASE		20,579		9,144	1,738	3,603	4,465	1,307	187	136
162	Return on Rate Base										
163											
164	**REVENUE REQUIREMENTS**										
165	Target Rate of Return		7.200%		7.200%	7.200%	7.200%	7.200%	7.200%	7.200%	7.200%
166	Rate Base		20,579		9,144	1,738	3,603	4,465	1,307	187	136
167											
168	Operating expenses		11,072		4,602	847	1,991	2,714	762	108	46
169	Additional uncollectibles expense		0	None	0	0	0	0	0	0	0
170	Depreciation expense		1,622		716	136	285	356	104	15	10
171	General taxes / Other		1,165		496	93	208	275	79	7	6
172	Subtotal- Operating Costs to recover		13,858		5,814	1,077	2,484	3,346	945	130	63
173											
174	Target Return on Rate Base- After ta		1,482		658	125	259	321	94	13	10
175											
176	Income taxes to recover		446		198	38	78	97	28	4	3
177											
178	**TOTAL REVENUE REQUIREMENT**		15,786		6,671	1,239	2,821	3,764	1,067	148	76
179											
180	Revenue at Current rates		14,671		7,696	1,580	2,162	2,270	350	599	14
181	Revenue Excess (Deficiency)		(1,115)		1,025	341	(659)	(1,494)	(718)	451	(61)

Class Cost of Service Study ($000s)

PRIMARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Primary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
1	**I. ELECTRIC PLANT IN SERVICE**										
2	**A. PRODUCTION PLANT**										
3	Production Plant		0	None	0	0	0	0	0	0	0
4	Subtotal - PRODUCTION PLANT	350-359	0		0	0	0	0	0	0	0
5											
6	**B. DISTRIBUTION PLANT**										
7	Land and Land Rights	360	9,475	NCP_at_Pri	4,265	815	1,650	2,001	591	86	67
8	Structures and Improvements	361	6,976	NCP_at_Pri	3,140	600	1,215	1,473	435	63	49
9	Station Equipment	362	168,193	NCP_at_Pri	75,709	14,468	29,285	35,522	10,497	1,524	1,187
10	Poles, Towers and Fixtures	364	107,447	NCP_at_Pri	48,365	9,243	18,708	22,693	6,706	974	758
11	Overhead Conductors and Devices	365	179,258	NCP_at_Pri	80,690	15,420	31,212	37,859	11,188	1,624	1,265
12	Underground Conduit	366	49,717	NCP_at_Pri	22,379	4,277	8,657	10,500	3,103	451	351
13	Underground Conductors & Devices	367	110,803	NCP_at_Pri	49,876	9,532	19,293	23,401	6,915	1,004	782
14	Line Transformers	368	0	None	0	0	0	0	0	0	0
15	Services	369	0	None	0	0	0	0	0	0	0
16	Meters	370	0	None	0	0	0	0	0	0	0
17	Installations on Cust. Prem./ARO	371/374	0	None	0	0	0	0	0	0	0
18	Street Lighting & Signal Systems	373	0	NCP_at_Pri	0	0	0	0	0	0	0
19	Subtotal - DISTRIBUTION PLANT	360-373	631,869		284,424	54,355	110,020	133,449	39,436	5,726	4,459
20											
21	**C. GENERAL PLANT**										
22	Land and Land Rights	389	375	PRI-LAB-D	169	32	65	79	23	3	3
23	Structures and Improvements	390	9,257	PRI-LAB-D	4,167	796	1,612	1,955	578	84	65
24	Office Furniture and Equipment	391	338	PRI-LAB-D	152	29	59	71	21	3	2
25	Passenger Cars - Transp Equipment	392	254	PRI-LAB-D	114	22	44	54	16	2	2
26	Stores Equipment	393	179	PRI-LAB-D	80	15	31	38	11	2	1
27	Tools, Shop & Garage Equipment	394	1,053	PRI-LAB-D	474	91	183	222	66	10	7
28	Laboratory Equipment	395	749	PRI-LAB-D	337	64	130	158	47	7	5
29	Communications Equipment	396	10,139	PRI-LAB-D	4,564	872	1,765	2,141	633	92	72
30	Miscellaneous Equipment	397/399.1	48	PRI-LAB-D	22	4	8	10	3	0	0
31	Subtotal - GENERAL PLANT	389-399	22,393		10,080	1,926	3,899	4,729	1,398	203	158
32											
33	**TOTAL UTILITY PLANT**		654,262		294,504	56,281	113,919	138,179	40,834	5,929	4,617
34											
35	**II. DEPRECIATION RESERVE**										
36	Production	108.3	0	None	0	0	0	0	0	0	0
37	Distribution	108.5	(269,323)	PRI-PT-D	(121,231)	(23,168)	(46,894)	(56,880)	(16,809)	(2,440)	(1,901)
38	General	108.6	(9,671)	PRI-LAB-D	(4,353)	(832)	(1,684)	(2,042)	(604)	(88)	(68)
39	TOTAL DEPREC. RESERVE	108	(278,993)		(125,584)	(24,000)	(48,578)	(58,923)	(17,412)	(2,528)	(1,969)

Class Cost of Service Study ($000s)

PRIMARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Primary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
40											
41	**III. OTHER RATE BASE ITEMS**										
42	Property Held for Future Use	131	110	PRI-PT-D	50	9	19	23	7	1	1
43	Contributions in Aid of Construction	255	(56)	PRI-PT-D	(25)	(5)	(10)	(12)	(3)	(1)	(0)
44	Materials and Supplies	255	3,441	PRI-PT-D	1,549	296	599	727	215	31	24
45	Loss on Reacquired Debt	255	2,478	PRI-PT-D	1,115	213	431	523	155	22	17
45	Cash Working Capital		2,349	PRI-EXP-D	1,060	202	409	492	145	27	16
46	Accumulated Deferred FIT	154	(81,808)	PRI-PT-D	(36,825)	(7,037)	(14,244)	(17,278)	(5,106)	(741)	(577)
47	Customer Deposits	182	0	None	0	0	0	0	0	0	0
48	Injuries and Damages Reserve		(2,570)	PRI-PT-D	(1,157)	(221)	(447)	(543)	(160)	(23)	(18)
49	Total - OTHER RATE BASE ITEM	131-283	(76,055)		(34,232)	(6,543)	(13,243)	(16,067)	(4,748)	(684)	(537)
50											
51	**TOTAL RATE BASE**		299,214		134,688	25,739	52,098	63,189	18,673	2,717	2,111
52											
53	**I. OPERATING AND MAINTENANCE EXPENSES**										
54	**A. DISTRIBUTION EXPENSE**										
55	Purchased Power- Borderline	555	0	PRI-LAB-D	0	0	0	0	0	0	0
56	Operation Supervision & Engineerin	580	612	PRI-DxLAB-D	276	53	107	129	38	6	4
57	Load Dispatching	581	0	None	0	0	0	0	0	0	0
58	Station Expenses	582	3,081	NCP_at_PRI	1,387	265	536	651	192	28	22
59	Overhead Line Expenses	583	1,881	NCP_at_PRI	847	162	328	397	117	17	13
60	Underground Line Expenses	584	1,495	NCP_at_PRI	673	129	260	316	93	14	11
61	Street Light and Signal Systems	585	0	None	0	0	0	0	0	0	0
62	Meter Expenses	586	0	None	0	0	0	0	0	0	0
63	Customer Installation Expenses	587	878	NCP_at_PRI	395	76	153	186	55	8	6
64	Misc. Distribution Expenses	588	4,294	PRI-DxLAB-D	1,933	369	748	907	268	39	30
65	Rents	589	59	PRI-PT-D	27	5	10	13	4	1	0
66	Maint Supervision & Engineering	590	21	PRI-DxLAB-D	9	2	4	4	1	0	0
67	Maint of Structures	591	24	NCP_at_PRI	11	2	4	5	1	0	0
68	Maintenance of Station Equipment	592	3,230	NCP_at_PRI	1,454	278	562	682	202	29	23
69	Maintenance of Overhead Lines	593	8,365	NCP_at_PRI	3,766	720	1,457	1,767	522	76	59
70	Maintenance of Underground Lines	594	904	NCP_at_PRI	407	78	157	191	56	8	6
71	Maintenance of Line Transformers	595	0	None	0	0	0	0	0	0	0
72	Maintenance of Street Lights	596	0	None	0	0	0	0	0	0	0
73	Maintenance of Meters	597	0	PRI-PT-D	0	0	0	0	0	0	0
74	Total - OPER. AND MAINT. EXP.	500-599	24,845		11,184	2,137	4,326	5,247	1,551	225	175
75											

Class Cost of Service Study ($000s)

PRIMARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Primary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
76	**B. CUSTOMER ACCOUNTS AND SERVICE**										
77	Supervision	901	0	None	0	0	0	0	0	0	0
78	Meter Reading Expenses	902	0	None	0	0	0	0	0	0	0
79	Customer Records & Collection Exp	903	0	None	0	0	0	0	0	0	0
80	Uncollectible Accounts- Delivery	904	0	None	0	0	0	0	0	0	0
81	Uncollectible Accounts- Commodity	904Com	0	None	0	0	0	0	0	0	0
82	Misc Customer Accounts Expenses	905	0	None	0	0	0	0	0	0	0
83	Subtotal - Customer Accounts Exp.	901-905	0		0	0	0	0	0	0	0
84											
85	Supervision	907	0	None	0	0	0	0	0	0	0
86	Customer Assistance Exp Electric	908-909	0	None	0	0	0	0	0	0	0
85	Customer Assistance Expenses	910	0	None	0	0	0	0	0	0	0
86	Subtotal - Customer Service & Info.	907-913	0		0	0	0	0	0	0	0
87											
88	Total - CUST. ACCT. & SERV. EX	901-919	0		0	0	0	0	0	0	0
89											
90	**C. ADMINISTRATIVE AND GENERAL**										
91	GENERAL EXPENSES										
92	A&G-Salaries	920	3,531	PRI-LAB-D	1,589	304	615	746	220	32	25
93	A&G-Office Supplies	921	3,673	PRI-LAB-D	1,653	316	640	776	229	33	26
94	A&G-Outside Services Employed	923	544	PRI-LAB-D	245	47	95	115	34	5	4
95	Property Insurance	924	0	PRI-PT-D	0	0	0	0	0	0	0
96	Injuries & Damages Insurance	925	2,448	PRI-PT-D	1,102	211	426	517	153	22	17
97	Employee Pensions & Benefits	926	8,758	PRI-LAB-D	3,942	753	1,525	1,850	547	79	62
98	Regulatory Comm Expenses	928	2,499	RateBase	1,264	229	410	347	101	136	11
99	A&G-Misc Expenses	930200	2,080	MWh-Gen	838	152	378	536	148	19	7
100	A&G-Research & Development	930210	67	RateBase	34	6	11	9	3	4	0
101	A&G-Rents	931	1,721	PRI-LAB-D	775	148	300	364	107	16	12
101	A&G Maint-General Plant-Elec	935	98	PRI-LAB-D	44	8	17	21	6	1	1
102	TOTAL A&G EXPENSES	920-932	25,420		11,488	2,175	4,417	5,280	1,549	347	165
103											
104	TOTAL OPERATING EXPENSES		50,265		22,672	4,312	8,743	10,527	3,099	572	340
105											
106	**II. DEPRECIATION EXPENSE**										
107	Depreciation Expense	403	22,003	PRI-PT-D	9,904	1,893	3,831	4,647	1,373	199	155
108	TOTAL DEPREC. EXPENSE	403	22,003		9,904	1,893	3,831	4,647	1,373	199	155
109											

Class Cost of Service Study ($000s)

PRIMARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Primary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
110	**III. TAXES and OTHER**										
111	**A. GENERAL TAXES**										
112	Municipal taxes	408	10,363	PRI-PT-D	4,665	891	1,804	2,189	647	94	73
113	Payroll taxes	408	1,424	PRI-LAB-D	641	123	248	301	89	13	10
114	Other taxes	408	148	PRI-PT-D	67	13	26	31	9	1	1
115	Subtotal - General Taxes		11,936	None	5,373	1,027	2,078	2,521	745	108	84
116											
117	**B. FEDERAL / STATE INCOME TAXES**										
118	Amort. ITC		(263)	PRI-PT-D	(119)	(23)	(46)	(56)	(16)	(2)	(2)
119	Federal Income Tax Expense		3,659	RATEBASE	1,851	336	601	508	148	199	17
120	Subtotal - Federal / State Income Ta:	409-411	3,395		1,733	313	555	452	132	197	15
121											
122	TOTAL TAXES	408-411	15,332		7,106	1,340	2,633	2,973	877	305	99
123											
124	**C. OTHER**										
125	Merger / Synergy Benefits		(1,100)	RATEBASE	(557)	(101)	(181)	(153)	(45)	(60)	(5)
126	Amortization of Loss on Reacq Debt		370	PRI-PT-D	167	32	64	78	23	3	3
127	Interest on Customer deposits		0	None	0	0	0	0	0	0	0
128	Subtotal- Other		(730)		(390)	(69)	(116)	(75)	(21)	(56)	(2)
129											
130	TOTAL EXPENSES		86,870		39,291	7,475	15,091	18,072	5,328	1,019	592
131											
132	**IV. OPERATING REVENUES at Current Rates**										
133	Distribution charge revenue	440	99,809	Total_Del_Rev	52,404	10,766	14,691	15,408	2,354	4,093	93
134	Forfeited discounts	450-451	0	None	0	0	0	0	0	0	0
135	Rent from Utility property	451Misc	1,548	NCP_at_Pri	697	133	270	327	97	14	11
136	Other revenue	454	1,366	Total_Del_Rev	717	147	201	211	32	56	1
137	Total Operating Revenues		102,723		53,818	11,047	15,161	15,946	2,483	4,163	105
138											
139	TOTAL EXPENSES		86,870		39,291	7,475	15,091	18,072	5,328	1,019	592
140											
141	**V. NET INCOME at Current Rates**		15,853		14,527	3,571	70	(2,126)	(2,845)	3,144	(487)
142											

Class Cost of Service Study ($000s)

PRIMARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Primary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
143	**SUMMARY REPORT**										
144	OPERATING REVENUES										
145	Utility Revenues	440-446	99,809		52,404	10,766	14,691	15,408	2,354	4,093	93
146	Other Operating Revenues	450-456	2,914		1,414	280	471	538	129	70	12
147	Total Operating Revenues		102,723		53,818	11,047	15,161	15,946	2,483	4,163	105
148											
149	OPERATING EXPENSES										
150	Distribution	580-599	24,845		11,184	2,137	4,326	5,247	1,551	225	175
151	Customer Acctg & Service	901-919	0		0	0	0	0	0	0	0
152	Admin & General	920-932	25,420		11,488	2,175	4,417	5,280	1,549	347	165
153	Total Operating Expenses		50,265		22,672	4,312	8,743	10,527	3,099	572	340
154											
155	Depreciation Expense	403	22,003		9,904	1,893	3,831	4,647	1,373	199	155
156	Taxes Other Than Income Tax / Oth	408	11,206		4,983	958	1,962	2,446	724	52	82
157	INCOME BEFORE INCOME TAXI		19,249		16,260	3,884	625	(1,674)	(2,714)	3,340	(472)
158	Income Taxes	409-411	3,395		1,733	313	555	452	132	197	15
159	NET INCOME		15,853		14,527	3,571	70	(2,126)	(2,845)	3,144	(487)
160											
161	RATE BASE		299,214		134,688	25,739	52,098	63,189	18,673	2,717	2,111
162	Return on Rate Base										
163											
164	**REVENUE REQUIREMENTS**										
165	Target Rate of Return		7.200%		7.200%	7.200%	7.200%	7.200%	7.200%	7.200%	7.200%
166	Rate Base		299,214		134,688	25,739	52,098	63,189	18,673	2,717	2,111
167											
168	Operating expenses		50,265		22,672	4,312	8,743	10,527	3,099	572	340
169	Additional uncollectibles expense		0	None	0	0	0	0	0	0	0
170	Depreciation expense		22,003		9,904	1,893	3,831	4,647	1,373	199	155
171	General taxes / Other		11,206		4,983	958	1,962	2,446	724	52	82
172	Subtotal- Operating Costs to recover		83,474		37,559	7,163	14,536	17,620	5,196	823	578
173											
174	Target Return on Rate Base- After ta		21,543		9,698	1,853	3,751	4,550	1,344	196	152
175											
176	Income taxes to recover		6,484		2,919	558	1,129	1,369	405	59	46
177											
178	**TOTAL REVENUE REQUIREMENT**		111,501		50,175	9,573	19,416	23,539	6,945	1,077	775
179											
180	Revenue at Current rates		102,723		53,818	11,047	15,161	15,946	2,483	4,163	105
181	Revenue Excess (Deficiency)		(8,778)		3,643	1,473	(4,255)	(7,593)	(4,463)	3,086	(670)

Class Cost of Service Study ($000s)
SECONDARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
1	**I. ELECTRIC PLANT IN SERVICE**										
2	**A. PRODUCTION PLANT**										
3	Production Plant		0	None	0	0	0	0	0	0	0
4	Subtotal - PRODUCTION PLANT	350-359	0	None	0	0	0	0	0	0	0
5											
6	**B. DISTRIBUTION PLANT**										
7	Land and Land Rights	360	0	None	0	0	0	0	0	0	0
8	Structures and Improvements	361	0	None	0	0	0	0	0	0	0
9	Station Equipment	362	0	None	0	0	0	0	0	0	0
10	Poles, Towers and Fixtures	364	68,185	NCP_at_Sec	42,766	8,173	16,385	0	0	861	0
11	Overhead Conductors and Devices	365	63,538	NCP_at_Sec	39,851	7,616	15,268	0	0	802	0
12	Underground Conduit	366	8,083	NCP_at_Sec	5,069	969	1,942	0	0	102	0
13	Underground Conductors & Devices	367	12,314	NCP_at_Sec	7,723	1,476	2,959	0	0	155	0
14	Line Transformers	368	157,152	NCP_P_S	84,653	16,178	32,564	16,595	4,904	1,704	555
15	Services	369	0	None	0	0	0	0	0	0	0
16	Meters	370	0	None	0	0	0	0	0	0	0
17	Installations on Cust. Prem./ARO	371/374	0	None	0	0	0	0	0	0	0
18	Street Lighting & Signal Systems	373	0	None	0	0	0	0	0	0	0
19	Subtotal - DISTRIBUTION PLANT	360-373	309,271		180,063	34,411	69,119	16,595	4,904	3,625	555
20											
21	**C. GENERAL PLANT**										
22	Land and Land Rights	389	116	SEC-LAB-D	72	14	28	1	0	1	0
23	Structures and Improvements	390	2,867	SEC-LAB-D	1,785	341	684	15	5	36	1
24	Office Furniture and Equipment	391	105	SEC-LAB-D	65	12	25	1	0	1	0
25	Passenger Cars - Transp Equipment	392	79	SEC-LAB-D	49	9	19	0	0	1	0
26	Stores Equipment	393	55	SEC-LAB-D	34	7	13	0	0	1	0
27	Tools, Shop & Garage Equipment	394	326	SEC-LAB-D	203	39	78	2	1	4	0
28	Laboratory Equipment	395	232	SEC-LAB-D	145	28	55	1	0	3	0
29	Communications Equipment	396	3,141	SEC-LAB-D	1,956	374	749	17	5	39	1
30	Miscellaneous Equipment	397/399.1	15	SEC-LAB-D	9	2	4	0	0	0	0
31	Subtotal - GENERAL PLANT	389-399	6,936		4,319	825	1,655	37	11	87	1
32											
33	**TOTAL UTILITY PLANT**		316,207		184,382	35,236	70,774	16,633	4,915	3,712	556
34											
35	**II. DEPRECIATION RESERVE**										
36	Production	108.3	0	None	0	0	0	0	0	0	0
37	Distribution	108.5	(131,821)	SEC-PT-D	(76,866)	(14,689)	(29,504)	(6,934)	(2,049)	(1,547)	(232)
38	General	108.6	(2,995)	SEC-LAB-D	(1,865)	(356)	(715)	(16)	(5)	(38)	(1)
39	TOTAL DEPREC. RESERVE	108	(134,817)		(78,731)	(15,046)	(30,219)	(6,950)	(2,054)	(1,585)	(232)

Class Cost of Service Study ($000s)
SECONDARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
40											
41	**III. OTHER RATE BASE ITEMS**										
42	Property Held for Future Use	131	53	SEC-PT-D	31	6	12	3	1	1	0
43	Contributions in Aid of Construction	255	(27)	SEC-PT-D	(16)	(3)	(6)	(1)	(0)	(0)	(0)
44	Materials and Supplies	255	1,665	SEC-PT-D	971	186	373	88	26	20	3
45	Loss on Reacquired Debt	255	1,199	SEC-PT-D	699	134	268	63	19	14	2
45	Cash Working Capital		769	SEC-EXP-D	459	87	176	26	7	12	1
46	Accumulated Deferred FIT	154	(39,538)	SEC-PT-D	(23,055)	(4,406)	(8,849)	(2,080)	(615)	(464)	(69)
47	Customer Deposits	182	0	None	0	0	0	0	0	0	0
48	Injuries and Damages Reserve		(1,242)	SEC-PT-D	(724)	(138)	(278)	(65)	(19)	(15)	(2)
49	Total - OTHER RATE BASE ITEM	131-283	(37,122)		(21,635)	(4,135)	(8,305)	(1,967)	(581)	(433)	(66)
50											
51	**TOTAL RATE BASE**		144,269		84,017	16,055	32,250	7,716	2,280	1,694	258
52											
53	**I. OPERATING AND MAINTENANCE EXPENSES**										
54	**A. DISTRIBUTION EXPENSE**										
55	Purchased Power- Borderline	555	0	None	0	0	0	0	0	0	0
56	Operation Supervision & Engineerin	580	190	SEC-DxLAB-D	118	23	45	1	0	2	0
57	Load Dispatching	581	0	None	0	0	0	0	0	0	0
58	Station Expenses	582	0	None	0	0	0	0	0	0	0
59	Overhead Line Expenses	583	864	NCP_at_Sec	542	104	208	0	0	11	0
60	Underground Line Expenses	584	166	NCP_at_Sec	104	20	40	0	0	2	0
61	Street Light and Signal Systems	585	0	None	0	0	0	0	0	0	0
62	Meter Expenses	586	0	None	0	0	0	0	0	0	0
63	Customer Installation Expenses	587	557	NCP_at_Sec	350	67	134	0	0	7	0
64	Misc. Distribution Expenses	588	1,330	SEC-DxLAB-D	828	158	317	7	2	17	0
65	Rents	589	29	SEC-PT-D	17	3	6	2	0	0	0
66	Maint Supervision & Engineering	590	6	SEC-DxLAB-D	4	1	2	0	0	0	0
67	Maint of Structures	591	0	None	0	0	0	0	0	0	0
68	Maintenance of Station Equipment	592	0	None	0	0	0	0	0	0	0
69	Maintenance of Overhead Lines	593	3,843	NCP_at_Sec	2,411	461	924	0	0	49	0
70	Maintenance of Underground Lines	594	100	NCP_at_Sec	63	12	24	0	0	1	0
71	Maintenance of Line Transformers	595	254	NCP_P_S	137	26	53	27	8	3	1
72	Maintenance of Street Lights	596	0	None	0	0	0	0	0	0	0
73	Maintenance of Meters	597	0	SEC-PT-D	0	0	0	0	0	0	0
74	Total - OPER. AND MAINT. EXP.	500-599	7,341		4,574	874	1,753	37	11	92	1
75											

Class Cost of Service Study ($000s)

SECONDARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
76	**B. CUSTOMER ACCOUNTS AND SERVICE**										
77	Supervision	901	0	None	0	0	0	0	0	0	0
78	Meter Reading Expenses	902	0	None	0	0	0	0	0	0	0
79	Customer Records & Collection Exp	903	0	None	0	0	0	0	0	0	0
80	Uncollectible Accounts- Delivery	904	0	None	0	0	0	0	0	0	0
81	Uncollectible Accounts- Commodity	904Com	0	None	0	0	0	0	0	0	0
82	Misc Customer Accounts Expenses	905	0	None	0	0	0	0	0	0	0
83	Subtotal - Customer Accounts Exp.	901-905	0		0	0	0	0	0	0	0
84											
85	Supervision	907	0	None	0	0	0	0	0	0	0
86	Customer Assistance Exp Electric	908-909	0	None	0	0	0	0	0	0	0
85	Customer Assistance Expenses	910	0	None	0	0	0	0	0	0	0
86	Subtotal - Customer Service & Info.	907-913	0		0	0	0	0	0	0	0
87											
88	Total - CUST. ACCT. & SERV. EX	901-919	0		0	0	0	0	0	0	0
89											
90	**C. ADMINISTRATIVE AND GENERAL**										
91	GENERAL EXPENSES										
92	A&G-Salaries	920	1,094	SEC-LAB-D	681	130	261	6	2	14	0
93	A&G-Office Supplies	921	1,138	SEC-LAB-D	708	135	271	6	2	14	0
94	A&G-Outside Services Employed	923	169	SEC-LAB-D	105	20	40	1	0	2	0
95	Property Insurance	924	0	SEC-PT-D	0	0	0	0	0	0	0
96	Injuries & Damages Insurance	925	1,183	SEC-PT-D	690	132	265	62	18	14	2
97	Employee Pensions & Benefits	926	2,713	SEC-LAB-D	1,689	323	647	15	4	34	0
98	Regulatory Comm Expenses	928	1,205	RateBase	610	110	198	167	49	65	5
99	A&G-Misc Expenses	930200	1,005	MWh-Gen	405	74	183	259	72	9	3
100	A&G-Research & Development	930210	32	RateBase	16	3	5	5	1	2	0
101	A&G-Rents	931	533	SEC-LAB-D	332	63	127	3	1	7	0
101	A&G Maint-General Plant-Elec	935	30	SEC-LAB-D	19	4	7	0	0	0	0
102	TOTAL A&G EXPENSES	920-932	9,102		5,256	994	2,005	524	149	161	12
103											
104	TOTAL OPERATING EXPENSES		16,443		9,829	1,869	3,758	560	160	253	13
105											
106	**II. DEPRECIATION EXPENSE**										
107	Depreciation Expense	403	10,634	SEC-PT-D	6,201	1,185	2,380	559	165	125	19
108	TOTAL DEPREC. EXPENSE	403	10,634		6,201	1,185	2,380	559	165	125	19
109											

Class Cost of Service Study ($000s)

SECONDARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
110	**III. TAXES and OTHER**										
111	**A. GENERAL TAXES**										
112	Municipal taxes	408	5,009	SEC-PT-D	2,921	558	1,121	263	78	59	9
113	Payroll taxes	408	441	SEC-LAB-D	275	53	105	2	1	6	0
114	Other taxes	408	72	SEC-PT-D	42	8	16	4	1	1	0
115	Subtotal - General Taxes		5,522	None	3,237	619	1,242	270	80	65	9
116											
117	**B. FEDERAL / STATE INCOME TAXES**										
118	Amort. ITC		(127)	SEC-PT-D	(74)	(14)	(28)	(7)	(2)	(1)	(0)
119	Federal Income Tax Expense		1,764	RATEBASE	893	162	290	245	71	96	8
120	Subtotal - Federal / State Income Ta:	409-411	1,637		818	148	261	238	69	94	8
121											
122	TOTAL TAXES	408-411	7,158		4,056	766	1,503	508	149	160	17
123											
124	**C. OTHER**										
125	Merger / Synergy Benefits		(531)	RATEBASE	(268)	(49)	(87)	(74)	(21)	(29)	(2)
126	Amortization of Loss on Reacq Debt		179	SEC-PT-D	104	20	40	9	3	2	0
127	Interest on Customer deposits		0	None	0	0	0	0	0	0	0
128	Subtotal- Other		(352)		(164)	(29)	(47)	(64)	(19)	(27)	(2)
129											
130	TOTAL EXPENSES		33,884		19,922	3,791	7,594	1,563	456	511	47
131											
132	**IV. OPERATING REVENUES at Current Rates**										
133	Distribution charge revenue	440	40,836	Total_Del_Rev	21,441	4,405	6,011	6,304	963	1,675	38
134	Forfeited discounts	450-451	0	None	0	0	0	0	0	0	0
135	Rent from Utility property	451Misc	982	NCP_at_Sec	616	118	236	0	0	12	0
136	Other revenue	454	559	Total_Del_Rev	293	60	82	86	13	23	1
137	Total Operating Revenues		42,377		22,350	4,583	6,329	6,390	976	1,710	39
138											
139	TOTAL EXPENSES		33,884		19,922	3,791	7,594	1,563	456	511	47
140											
141	**V. NET INCOME at Current Rates**		8,494		2,429	792	(1,265)	4,827	520	1,199	(8)
142											

Class Cost of Service Study ($000s)

SECONDARY DEMAND - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
143	**SUMMARY REPORT**										
144	OPERATING REVENUES										
145	Utility Revenues	440-446	40,836		21,441	4,405	6,011	6,304	963	1,675	38
146	Other Operating Revenues	450-456	1,541		910	178	318	86	13	35	1
147	Total Operating Revenues		42,377		22,350	4,583	6,329	6,390	976	1,710	39
148											
149	OPERATING EXPENSES										
150	Distribution	580-599	7,341		4,574	874	1,753	37	11	92	1
151	Customer Acctg & Service	901-919	0		0	0	0	0	0	0	0
152	Admin & General	920-932	9,102		5,256	994	2,005	524	149	161	12
153	Total Operating Expenses		16,443		9,829	1,869	3,758	560	160	253	13
154											
155	Depreciation Expense	403	10,634		6,201	1,185	2,380	559	165	125	19
156	Taxes Other Than Income Tax / Oth	408	5,170		3,073	590	1,195	205	61	38	7
157	INCOME BEFORE INCOME TAXI		10,130		3,247	939	(1,004)	5,065	590	1,293	(0)
158	Income Taxes	409-411	1,637		818	148	261	238	69	94	8
159	NET INCOME		8,494		2,429	792	(1,265)	4,827	520	1,199	(8)
160											
161	RATE BASE		144,269		84,017	16,055	32,250	7,716	2,280	1,694	258
162	Return on Rate Base										
163											
164	**REVENUE REQUIREMENTS**										
165	Target Rate of Return		7.200%		7.200%	7.200%	7.200%	7.200%	7.200%	7.200%	7.200%
166	Rate Base		144,269		84,017	16,055	32,250	7,716	2,280	1,694	258
167											
168	Operating expenses		16,443		9,829	1,869	3,758	560	160	253	13
169	Additional uncollectibles expense		0	None	0	0	0	0	0	0	0
170	Depreciation expense		10,634		6,201	1,185	2,380	559	165	125	19
171	General taxes / Other		5,170		3,073	590	1,195	205	61	38	7
172	Subtotal- Operating Costs to recover		32,247		19,103	3,643	7,333	1,325	386	417	39
173											
174	Target Return on Rate Base- After ta		10,387		6,049	1,156	2,322	556	164	122	19
175											
176	Income taxes to recover		3,126		1,821	348	699	167	49	37	6
177											
178	**TOTAL REVENUE REQUIREMENT**		45,760		26,973	5,147	10,354	2,048	600	575	63
179											
180	Revenue at Current rates		42,377		22,350	4,583	6,329	6,390	976	1,710	39
181	Revenue Excess (Deficiency)		(3,383)		(4,623)	(564)	(4,025)	4,343	376	1,135	(24)

Class Cost of Service Study ($000s)

SECONDARY CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
1	**I. ELECTRIC PLANT IN SERVICE**										
2	**A. PRODUCTION PLANT**										
3	Production Plant		0	None	0	0	0	0	0	0	0
4	Subtotal - PRODUCTION PLANT	350-359	0	None	0	0	0	0	0	0	0
5											
6	**B. DISTRIBUTION PLANT**										
7	Land and Land Rights	360	0	None	0	0	0	0	0	0	0
8	Structures and Improvements	361	0	None	0	0	0	0	0	0	0
9	Station Equipment	362	0	None	0	0	0	0	0	0	0
10	Poles, Towers and Fixtures	364	0	None	0	0	0	0	0	0	0
11	Overhead Conductors and Devices	365	0	None	0	0	0	0	0	0	0
12	Underground Conduit	366	0	None	0	0	0	0	0	0	0
13	Underground Conductors & Devices	367	0	None	0	0	0	0	0	0	0
14	Line Transformers	368	0	Xfmr_Cost	0	0	0	0	0	0	0
15	Services	369	71,453	Services_Cost	61,861	7,990	1,517	84	1	0	0
16	Meters	370	0	None	0	0	0	0	0	0	0
17	Installations on Cust. Prem./ARO	371/374	0	None	0	0	0	0	0	0	0
18	Street Lighting & Signal Systems	373	52,165	Light-Fixtures	0	0	0	0	0	52,165	0
19	Subtotal - DISTRIBUTION PLANT	360-373	123,618		61,861	7,990	1,517	84	1	52,165	0
20											
21	**C. GENERAL PLANT**										
22	Land and Land Rights	389	52	SEC-LAB-C	0	0	0	0	0	52	0
23	Structures and Improvements	390	1,298	SEC-LAB-C	0	0	0	0	0	1,298	0
24	Office Furniture and Equipment	391	47	SEC-LAB-C	0	0	0	0	0	47	0
25	Passenger Cars - Transp Equipment	392	36	SEC-LAB-C	0	0	0	0	0	36	0
26	Stores Equipment	393	25	SEC-LAB-C	0	0	0	0	0	25	0
27	Tools, Shop & Garage Equipment	394	148	SEC-LAB-C	0	0	0	0	0	148	0
28	Laboratory Equipment	395	105	SEC-LAB-C	0	0	0	0	0	105	0
29	Communications Equipment	396	1,421	SEC-LAB-C	0	0	0	0	0	1,421	0
30	Miscellaneous Equipment	397/399.1	7	SEC-LAB-C	0	0	0	0	0	7	0
31	Subtotal - GENERAL PLANT	389-399	3,139		0	0	0	0	0	3,139	0
32											
33	**TOTAL UTILITY PLANT**		126,757		61,861	7,990	1,517	84	1	55,304	0
34											
35	**II. DEPRECIATION RESERVE**										
36	Production	108.3	0	None	0	0	0	0	0	0	0
37	Distribution	108.5	(52,690)	SEC-DxPT-C	(26,367)	(3,406)	(647)	(36)	(0)	(22,234)	0
38	General	108.6	(1,356)	SEC-LAB-C	0	0	0	0	0	(1,356)	0
39	TOTAL DEPREC. RESERVE	108	(54,046)		(26,367)	(3,406)	(647)	(36)	(0)	(23,590)	0

Class Cost of Service Study ($000s)

SECONDARY CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
40											
41	**III. OTHER RATE BASE ITEMS**										
42	Property Held for Future Use	131	21	SEC-DxPT-C	11	1	0	0	0	9	0
43	Contributions in Aid of Construction	255	(11)	SEC-DxPT-C	(5)	(1)	(0)	(0)	(0)	(5)	0
44	Materials and Supplies	255	665	SEC-DxPT-C	333	43	8	0	0	281	0
45	Loss on Reacquired Debt	255	479	SEC-DxPT-C	240	31	6	0	0	202	0
45	Cash Working Capital		316	SEC-EXP-C	30	5	8	8	2	262	0
46	Accumulated Deferred FIT	154	(15,850)	SEC-PT-C	(7,735)	(999)	(190)	(11)	(0)	(6,915)	0
47	Customer Deposits	182	0	None	0	0	0	0	0	0	0
48	Injuries and Damages Reserve		(498)	SEC-PT-C	(243)	(31)	(6)	(0)	(0)	(217)	0
49	Total - OTHER RATE BASE ITEM	131-283	(14,877)		(7,370)	(951)	(174)	(2)	2	(6,383)	0
50											
51	**TOTAL RATE BASE**		57,835		28,124	3,634	696	46	3	25,331	0
52											
53	**I. OPERATING AND MAINTENANCE EXPENSES**										
54	**A. DISTRIBUTION EXPENSE**										
55	Purchased Power- Borderline	555	0	SEC-LAB-C	0	0	0	0	0	0	0
56	Operation Supervision & Engineerin	580	86	SEC-DxLAB-C	0	0	0	0	0	86	0
57	Load Dispatching	581	0	None	0	0	0	0	0	0	0
58	Station Expenses	582	0	None	0	0	0	0	0	0	0
59	Overhead Line Expenses	583	0	None	0	0	0	0	0	0	0
60	Underground Line Expenses	584	0	None	0	0	0	0	0	0	0
61	Street Light and Signal Systems	585	503	Light-Fixtures	0	0	0	0	0	503	0
62	Meter Expenses	586	0	None	0	0	0	0	0	0	0
63	Customer Installation Expenses	587	0	None	0	0	0	0	0	0	0
64	Misc. Distribution Expenses	588	602	SEC-DxLAB-C	0	0	0	0	0	602	0
65	Rents	589	12	SEC-DxPT-C	6	1	0	0	0	5	0
66	Maint Supervision & Engineering	590	3	SEC-DxLAB-C	0	0	0	0	0	3	0
67	Maint of Structures	591	0	None	0	0	0	0	0	0	0
68	Maintenance of Station Equipment	592	0	None	0	0	0	0	0	0	0
69	Maintenance of Overhead Lines	593	0	None	0	0	0	0	0	0	0
70	Maintenance of Underground Lines	594	0	None	0	0	0	0	0	0	0
71	Maintenance of Line Transformers	595	0	Xfmr_Cost	0	0	0	0	0	0	0
72	Maintenance of Street Lights	596	1,604	Light-Fixtures	0	0	0	0	0	1,604	0
73	Maintenance of Meters	597	0	SEC-DxPT-C	0	0	0	0	0	0	0
74	Total - OPER. AND MAINT. EXP.	500-599	2,809		6	1	0	0	0	2,803	0
75											

Class Cost of Service Study ($000s)

SECONDARY CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
76	**B. CUSTOMER ACCOUNTS AND SERVICE**										
77	Supervision	901	0	None	0	0	0	0	0	0	0
78	Meter Reading Expenses	902	0	None	0	0	0	0	0	0	0
79	Customer Records & Collection Exp	903	0	None	0	0	0	0	0	0	0
80	Uncollectible Accounts- Delivery	904	0	None	0	0	0	0	0	0	0
81	Uncollectible Accounts- Commodity	904Com	0	None	0	0	0	0	0	0	0
82	Misc Customer Accounts Expenses	905	0	None	0	0	0	0	0	0	0
83	Subtotal - Customer Accounts Exp.	901-905	0		0	0	0	0	0	0	0
84											
85	Supervision	907	0	None	0	0	0	0	0	0	0
86	Customer Assistance Exp Electric	908-909	0	None	0	0	0	0	0	0	0
85	Customer Assistance Expenses	910	0	None	0	0	0	0	0	0	0
86	Subtotal - Customer Service & Info.	907-913	0		0	0	0	0	0	0	0
87											
88	Total - CUST. ACCT. & SERV. EX	901-919	0		0	0	0	0	0	0	0
89											
90	**C. ADMINISTRATIVE AND GENERAL**										
91	GENERAL EXPENSES										
92	A&G-Salaries	920	495	SEC-LAB-C	0	0	0	0	0	495	0
93	A&G-Office Supplies	921	515	SEC-LAB-C	0	0	0	0	0	515	0
94	A&G-Outside Services Employed	923	76	SEC-LAB-C	0	0	0	0	0	76	0
95	Property Insurance	924	0	SEC-PT-C	0	0	0	0	0	0	0
96	Injuries & Damages Insurance	925	474	SEC-PT-C	231	30	6	0	0	207	0
97	Employee Pensions & Benefits	926	1,228	SEC-LAB-C	0	0	0	0	0	1,228	0
98	Regulatory Comm Expenses	928	483	RateBase	244	44	79	67	20	26	2
99	A&G-Misc Expenses	930200	403	MWh-Gen	162	30	73	104	29	4	1
100	A&G-Research & Development	930210	13	RateBase	7	1	2	2	1	1	0
101	A&G-Rents	931	241	SEC-LAB-C	0	0	0	0	0	241	0
101	A&G Maint-General Plant-Elec	935	14	SEC-LAB-C	0	0	0	0	0	14	0
102	TOTAL A&G EXPENSES	920-932	3,942		645	105	160	173	49	2,807	4
103											
104	TOTAL OPERATING EXPENSES		6,751		651	106	161	173	49	5,609	4
105											
106	**II. DEPRECIATION EXPENSE**										
107	Depreciation Expense	403	4,263	SEC-PT-C	2,080	269	51	3	0	1,860	0
108	TOTAL DEPREC. EXPENSE	403	4,263		2,080	269	51	3	0	1,860	0
109											

Class Cost of Service Study ($000s)

SECONDARY CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
110	**III. TAXES and OTHER**										
111	**A. GENERAL TAXES**										
112	Municipal taxes	408	2,008	SEC-PT-C	980	127	24	1	0	876	0
113	Payroll taxes	408	200	SEC-LAB-C	0	0	0	0	0	200	0
114	Other taxes	408	29	SEC-PT-C	14	2	0	0	0	13	0
115	Subtotal - General Taxes		2,236		994	128	24	1	0	1,088	0
116											
117	**B. FEDERAL / STATE INCOME TAXES**										
118	Amort. ITC		(51)	SEC-PT-C	(25)	(3)	(1)	(0)	(0)	(22)	0
119	Federal Income Tax Expense		707	RATEBASE	358	65	116	98	29	38	3
120	Subtotal - Federal / State Income Ta:	409-411	656		333	62	115	98	29	16	3
121											
122	TOTAL TAXES	408-411	2,892		1,327	190	140	99	29	1,104	3
123											
124	**C. OTHER**										
125	Merger / Synergy Benefits		(213)	RATEBASE	(108)	(20)	(35)	(30)	(9)	(12)	(1)
126	Amortization of Loss on Reacq Debt		72	SEC-PT-C	35	5	1	0	0	31	0
127	Interest on Customer deposits		0	CustDep	0	0	0	0	0	0	0
128	Subtotal- Other		(141)		(73)	(15)	(34)	(29)	(9)	20	(1)
129											
130	TOTAL EXPENSES		13,766		3,985	549	317	246	69	8,593	6
131					13,766						
132	**IV. OPERATING REVENUES at Current Rates**										
133	Distribution charge revenue	440	16,370	Total_Del_Rev	8,595	1,766	2,409	2,527	386	671	15
134	Forfeited discounts	450-451	0	None	0	0	0	0	0	0	0
135	Rent from Utility property	451Misc	0	None	0	0	0	0	0	0	0
136	Other revenue	454	224	Total_Del_Rev	118	24	33	35	5	9	0
137	Total Operating Revenues		16,594		8,713	1,790	2,442	2,562	391	680	15
138											
139	TOTAL EXPENSES		13,766		3,985	549	317	246	69	8,593	6
140											
141	**V. NET INCOME at Current Rates**		2,828		4,727	1,241	2,125	2,316	322	(7,913)	10
142											

Class Cost of Service Study ($000s)

SECONDARY CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
143	**SUMMARY REPORT**										
144	OPERATING REVENUES										
145	Utility Revenues	440-446	16,370		8,595	1,766	2,409	2,527	386	671	15
146	Other Operating Revenues	450-456	224		118	24	33	35	5	9	0
147	Total Operating Revenues		16,594		8,713	1,790	2,442	2,562	391	680	15
148											
149	OPERATING EXPENSES										
150	Distribution	580-599	2,809		6	1	0	0	0	2,803	0
151	Customer Acctg & Service	901-919	0		0	0	0	0	0	0	0
152	Admin & General	920-932	3,942		645	105	160	173	49	2,807	4
153	Total Operating Expenses		6,751		651	106	161	173	49	5,609	4
154											
155	Depreciation Expense	403	4,263		2,080	269	51	3	0	1,860	0
156	Taxes Other Than Income Tax / Oth	408	2,095		921	113	(10)	(28)	(9)	1,108	(1)
157	INCOME BEFORE INCOME TAXI		3,484		5,060	1,302	2,241	2,414	351	(7,897)	13
158	Income Taxes	409-411	656		333	62	115	98	29	16	3
159	NET INCOME		2,828		4,727	1,241	2,125	2,316	322	(7,913)	10
160											
161	RATE BASE		57,835		28,124	3,634	696	46	3	25,331	0
162	Return on Rate Base										
163											
164	**REVENUE REQUIREMENTS**										
165	Target Rate of Return		7.200%		7.200%	7.200%	7.200%	7.200%	7.200%	7.200%	7.200%
166	Rate Base		57,835		28,124	3,634	696	46	3	25,331	0
167											
168	Operating expenses		6,751		651	106	161	173	49	5,609	4
169	Additional uncollectibles expense		0	None	0	0	0	0	0	0	0
170	Depreciation expense		4,263		2,080	269	51	3	0	1,860	0
171	General taxes / Other		2,095		921	113	(10)	(28)	(9)	1,108	(1)
172	Subtotal- Operating Costs to recover		13,110		3,652	488	202	148	40	8,577	3
173											
174	Target Return on Rate Base- After ta		4,164		2,025	262	50	3	0	1,824	0
175											
176	Income taxes to recover		1,253		609	79	15	1	0	549	0
177											
178	**TOTAL REVENUE REQUIREMENT**		18,527		6,287	828	267	152	40	10,950	3
179											
180	Revenue at Current rates		16,594		8,713	1,790	2,442	2,562	391	680	15
181	Revenue Excess (Deficiency)		(1,933)		2,426	962	2,175	2,410	351	(10,269)	13

Class Cost of Service Study ($000s)
BILLING CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
1	**I. ELECTRIC PLANT IN SERVICE**										
2	**A. PRODUCTION PLANT**										
3	Production Plant		0	None	0	0	0	0	0	0	0
4	Subtotal - PRODUCTION PLANT	350-359	0	None	0	0	0	0	0	0	0
5											
6	**B. DISTRIBUTION PLANT**										
7	Land and Land Rights	360	0	None	0	0	0	0	0	0	0
8	Structures and Improvements	361	0	None	0	0	0	0	0	0	0
9	Station Equipment	362	0	None	0	0	0	0	0	0	0
10	Poles, Towers and Fixtures	364	0	None	0	0	0	0	0	0	0
11	Overhead Conductors and Devices	365	0	None	0	0	0	0	0	0	0
12	Underground Conduit	366	0	None	0	0	0	0	0	0	0
13	Underground Conductors & Devices	367	0	None	0	0	0	0	0	0	0
14	Line Transformers	368	0	None	0	0	0	0	0	0	0
15	Services	369	0	None	0	0	0	0	0	0	0
16	Meters	370	49,379	Meter_Cost	33,610	8,156	5,780	1,823	9	0	0
17	Installations on Cust. Prem./ARO	371/374	142	Meter_Cost	97	23	17	5	0	0	0
18	Street Lighting & Signal Systems	373	0	None	0	0	0	0	0	0	0
19	Subtotal - DISTRIBUTION PLANT	360-373	49,521		33,707	8,179	5,797	1,828	9	0	0
20											
21	**C. GENERAL PLANT**										
22	Land and Land Rights	389	294	BILL-LAB-C	228	37	21	7	0	0	0
23	Structures and Improvements	390	7,259	BILL-LAB-C	5,645	905	511	185	1	11	0
24	Office Furniture and Equipment	391	265	BILL-LAB-C	206	33	19	7	0	0	0
25	Passenger Cars - Transp Equipment	392	199	BILL-LAB-C	155	25	14	5	0	0	0
26	Stores Equipment	393	140	BILL-LAB-C	109	17	10	4	0	0	0
27	Tools, Shop & Garage Equipment	394	826	BILL-LAB-C	642	103	58	21	0	1	0
28	Laboratory Equipment	395	588	BILL-LAB-C	457	73	41	15	0	1	0
29	Communications Equipment	396	7,951	BILL-LAB-C	6,183	991	560	203	1	13	0
30	Miscellaneous Equipment	397/399.1	38	BILL-LAB-C	30	5	3	1	0	0	0
31	Subtotal - GENERAL PLANT	389-399	17,559		13,656	2,189	1,237	448	2	28	0
32											
33	**TOTAL UTILITY PLANT**		67,080		47,363	10,368	7,034	2,276	11	28	0
34											
35	**II. DEPRECIATION RESERVE**										
36	Production	108.3	0	None	0	0	0	0	0	0	0
37	Distribution	108.5	(21,107)	BILL-DxPT-C	(14,367)	(3,486)	(2,471)	(779)	(4)	0	0
38	General	108.6	(7,583)	BILL-LAB-C	(5,898)	(945)	(534)	(194)	(1)	(12)	(0)
39	TOTAL DEPREC. RESERVE	108	(28,691)		(20,265)	(4,432)	(3,005)	(973)	(5)	(12)	(0)

Class Cost of Service Study ($000s)
BILLING CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
40											
41	**III. OTHER RATE BASE ITEMS**										
42	Property Held for Future Use	131	11	BILL-PT-C	8	2	1	0	0	0	0
43	Contributions in Aid of Construction	255	(6)	BILL-DxPT-C	(4)	(1)	(1)	(0)	(0)	0	0
44	Materials and Supplies	255	353	BILL-DxPT-C	240	58	41	13	0	0	0
45	Loss on Reacquired Debt	255	254	BILL-DxPT-C	173	42	30	9	0	0	0
45	Cash Working Capital		1,904	BILL-EXP-C	1,396	215	155	109	18	10	1
46	Accumulated Deferred FIT	154	(8,388)	BILL-PT-C	(5,922)	(1,296)	(879)	(285)	(1)	(3)	(0)
47	Customer Deposits	182	(3,283)	CustDep	(24)	(1,563)	(1,565)	(131)	0	(0)	0
48	Injuries and Damages Reserve		(263)	BILL-PT-C	(186)	(41)	(28)	(9)	(0)	(0)	(0)
49	Total - OTHER RATE BASE ITEM	131-283	(9,418)		(4,319)	(2,584)	(2,246)	(292)	16	6	1
50											
51	**TOTAL RATE BASE**		28,972		22,780	3,352	1,783	1,012	23	22	1
52											
53	**I. OPERATING AND MAINTENANCE EXPENSES**										
54	**A. DISTRIBUTION EXPENSE**										
55	Purchased Power- Borderline	555	0	BILL-LAB-C	0	0	0	0	0	0	0
56	Operation Supervision & Engineerin	580	172	BILL-DxLAB-C	117	28	20	6	0	0	0
57	Load Dispatching	581	0	None	0	0	0	0	0	0	0
58	Station Expenses	582	0	None	0	0	0	0	0	0	0
59	Overhead Line Expenses	583	0	None	0	0	0	0	0	0	0
60	Underground Line Expenses	584	0	None	0	0	0	0	0	0	0
61	Street Light and Signal Systems	585	0	None	0	0	0	0	0	0	0
62	Meter Expenses	586	2,698	Meter_Cost	1,836	446	316	100	1	0	0
63	Customer Installation Expenses	587	0	Customers	0	0	0	0	0	0	0
64	Misc. Distribution Expenses	588	1,204	BILL-DxLAB-C	820	199	141	44	0	0	0
65	Rents	589	5	BILL-DxPT-C	3	1	1	0	0	0	0
66	Maint Supervision & Engineering	590	6	BILL-DxLAB-C	4	1	1	0	0	0	0
67	Maint of Structures	591	0	None	0	0	0	0	0	0	0
68	Maintenance of Station Equipment	592	0	None	0	0	0	0	0	0	0
69	Maintenance of Overhead Lines	593	0	None	0	0	0	0	0	0	0
70	Maintenance of Underground Lines	594	0	None	0	0	0	0	0	0	0
71	Maintenance of Line Transformers	595	0	None	0	0	0	0	0	0	0
72	Maintenance of Street Lights	596	0	None	0	0	0	0	0	0	0
73	Maintenance of Meters	597	312	BILL-DxPT-C	212	52	37	12	0	0	0
74	Total - OPER. AND MAINT. EXP.	500-599	4,396		2,992	726	515	162	1	0	0
75											

Class Cost of Service Study ($000s)
BILLING CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
76	**B. CUSTOMER ACCOUNTS AND SERVICE**										
77	Supervision	901	1,170	Acct903	1,003	104	38	21	0	4	0
78	Meter Reading Expenses	902	1,599	Meter_Cost	1,088	264	187	59	0	0	0
79	Customer Records & Collection Exp	903	10,980	Acct903	9,411	977	357	196	0	37	0
80	Uncollectible Accounts- Delivery	904	2,519	Total_Del_Rev	1,323	272	371	389	59	103	2
81	Uncollectible Accounts- Commodity	904Com	0	Write-Offs-Comm	0	0	0	0	0	0	0
82	Misc Customer Accounts Expenses	905	1,055	Customers	933	101	19	2	0	0	0
83	Subtotal - Customer Accounts Exp.	901-905	17,323		13,758	1,719	972	668	60	144	2
84											
85	Supervision	907	86	MWh-Meter	34	6	15	23	6	1	0
86	Customer Assistance Exp Electric	908-909	1,709	MWh-Meter	677	123	306	455	126	15	6
85	Customer Assistance Expenses	910	2,135	MWh-Meter	846	154	382	569	158	19	7
86	Subtotal - Customer Service & Info.	907-913	3,930		1,558	283	703	1,047	290	35	13
87											
88	Total - CUST. ACCT. & SERV. EX	901-919	21,253		15,316	2,002	1,675	1,715	350	179	16
89											
90	**C. ADMINISTRATIVE AND GENERAL**										
91	GENERAL EXPENSES										
92	A&G-Salaries	920	2,769	BILL-LAB-C	2,153	345	195	71	0	4	0
93	A&G-Office Supplies	921	2,880	BILL-LAB-C	2,240	359	203	73	0	5	0
94	A&G-Outside Services Employed	923	427	BILL-LAB-C	332	53	30	11	0	1	0
95	Property Insurance	924	0	BILL-PT-C	0	0	0	0	0	0	0
96	Injuries & Damages Insurance	925	251	BILL-PT-C	177	39	26	9	0	0	0
97	Employee Pensions & Benefits	926	6,867	BILL-LAB-C	5,341	856	484	175	1	11	0
98	Regulatory Comm Expenses	928	242	RateBase	122	22	40	34	10	13	1
99	A&G-Misc Expenses	930200	213	MWh-Gen	86	16	39	55	15	2	1
100	A&G-Research & Development	930210	7	RateBase	3	1	1	1	0	0	0
101	A&G-Rents	931	1,350	BILL-LAB-C	1,050	168	95	34	0	2	0
101	A&G Maint-General Plant-Elec	935	77	BILL-LAB-C	60	10	5	2	0	0	0
102	TOTAL A&G EXPENSES	920-932	15,083		11,565	1,868	1,118	465	27	38	2
103											
104	TOTAL OPERATING EXPENSES		40,732		29,873	4,596	3,308	2,342	377	218	18
105											
106	**II. DEPRECIATION EXPENSE**										
107	Depreciation Expense	403	2,256	BILL-PT-C	1,593	349	237	77	0	1	0
108	TOTAL DEPREC. EXPENSE	403	2,256		1,593	349	237	77	0	1	0
109											

Class Cost of Service Study ($000s)
BILLING CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
110	**III. TAXES and OTHER**										
111	**A. GENERAL TAXES**										
112	Municipal taxes	408	1,063	BILL-PT-C	750	164	111	36	0	0	0
113	Payroll taxes	408	1,117	BILL-LAB-C	869	139	79	29	0	2	0
114	Other taxes	408	15	BILL-PT-C	11	2	2	1	0	0	0
115	Subtotal - General Taxes		2,195	None	1,630	306	192	65	0	2	0
116											
117	**B. FEDERAL / STATE INCOME TAXES**										
118	Amort. ITC		(27)	BILL-PT-C	(19)	(4)	(3)	(1)	(0)	(0)	(0)
119	Federal Income Tax Expense		354	RATEBASE	179	32	58	49	14	19	2
120	Subtotal - Federal / State Income Ta:	409-411	327		160	28	55	48	14	19	2
121											
122	TOTAL TAXES	408-411	2,522		1,790	334	247	113	15	21	2
123											
124	**C. OTHER**										
125	Merger / Synergy Benefits		(107)	RATEBASE	(54)	(10)	(17)	(15)	(4)	(6)	(0)
126	Amortization of Loss on Reacq Debt		38	BILL-PT-C	27	6	4	1	0	0	0
127	Interest on Customer deposits		75	CustDep	1	36	36	3	0	0	0
128	Subtotal- Other		6		(27)	32	22	(11)	(4)	(6)	(0)
129											
130	TOTAL EXPENSES		45,516		33,230	5,311	3,814	2,521	388	234	19
131											
132	**IV. OPERATING REVENUES at Current Rates**										
133	Distribution charge revenue	440	44,024	Total_Del_Rev	23,115	4,749	6,480	6,796	1,038	1,805	41
134	Forfeited discounts	450-451	2,230	Write-Offs	1,752	170	174	134	0	1	0
135	Rent from Utility property	451Misc	0	None	0	0	0	0	0	0	0
136	Other revenue	454	602	Total_Del_Rev	316	65	89	93	14	25	1
137	Total Operating Revenues		46,857		25,182	4,983	6,743	7,023	1,052	1,831	42
138											
139	TOTAL EXPENSES		45,516		33,230	5,311	3,814	2,521	388	234	19
140											
141	**V. NET INCOME at Current Rates**		1,340		(8,047)	(328)	2,929	4,502	664	1,597	23
142											

Class Cost of Service Study ($000s)
BILLING CUSTOMER - CLASS ALLOCATION

	Account Description	Account No.	Secondary Dollars	Allocator	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
143	**SUMMARY REPORT**										
144	OPERATING REVENUES										
145	Utility Revenues	440-446	44,024		23,115	4,749	6,480	6,796	1,038	1,805	41
146	Other Operating Revenues	450-456	2,832		2,068	235	263	227	14	25	1
147	Total Operating Revenues		46,857		25,182	4,983	6,743	7,023	1,052	1,831	42
148											
149	OPERATING EXPENSES										
150	Distribution	580-599	4,396		2,992	726	515	162	1	0	0
151	Customer Acctg & Service	901-919	21,253		15,316	2,002	1,675	1,715	350	179	16
152	Admin & General	920-932	15,083		11,565	1,868	1,118	465	27	38	2
153	Total Operating Expenses		40,732		29,873	4,596	3,308	2,342	377	218	18
154											
155	Depreciation Expense	403	2,256		1,593	349	237	77	0	1	0
156	Taxes Other Than Income Tax / Oth	408	2,201		1,603	338	214	55	(4)	(4)	(0)
157	INCOME BEFORE INCOME TAX		1,667		(7,887)	(299)	2,984	4,550	679	1,616	25
158	Income Taxes	409-411	327		160	28	55	48	14	19	2
159	NET INCOME		1,340		(8,047)	(328)	2,929	4,502	664	1,597	23
160											
161	RATE BASE		28,972		22,780	3,352	1,783	1,012	23	22	1
162	Return on Rate Base										
163											
164	**REVENUE REQUIREMENTS**										
165	Target Rate of Return		7.200%		7.200%	7.200%	7.200%	7.200%	7.200%	7.200%	7.200%
166	Rate Base		28,972		22,780	3,352	1,783	1,012	23	22	1
167											
168	Operating expenses		40,732		29,873	4,596	3,308	2,342	377	218	18
169	Additional uncollectibles expense		154	Total_Del_Rev	81	17	23	24	4	6	0
170	Depreciation expense		2,256		1,593	349	237	77	0	1	0
171	General taxes / Other		2,201		1,603	338	214	55	(4)	(4)	(0)
172	Subtotal- Operating Costs to recover		45,343		33,150	5,299	3,781	2,497	377	221	17
173											
174	Target Return on Rate Base- After ta		2,086		1,640	241	128	73	2	2	0
175											
176	Income taxes to recover		628		494	73	39	22	0	0	0
177											
178	**TOTAL REVENUE REQUIREMENT**		48,057		35,284	5,613	3,948	2,591	379	223	17
179											
180	Revenue at Current rates		46,857		25,182	4,983	6,743	7,023	1,052	1,831	42
181	Revenue Excess (Deficiency)		(1,200)		(10,102)	(630)	2,794	4,432	673	1,607	24

Class Cost of Service Study ($000s) Allocators Assigned

					SubTransmission	Primary Dist	Secondary Dist			Billing
	Account Description	Account No.	Dollars	Functional Allocator	Demand Allocator	Demand Allocator	Classification Allocator	Demand Allocator	Customer Allocator	Customer Allocator
1	**I. ELECTRIC PLANT IN SERVICE**									
2	**A. PRODUCTION PLANT**									
3	Production Plant		3,127	SUBT	MWh-Gen	-	-	-	-	-
4	Subtotal - PRODUCTION PLANT	350-359	3,127							
5										
6	**B. DISTRIBUTION PLANT**									
7	Land and Land Rights	360	9,475	STATIONS	-	NCP_at_Pri	-	-	-	-
8	Structures and Improvements	361	6,976	STATIONS	-	NCP_at_Pri	-	-	-	-
9	Station Equipment	362	168,193	STATIONS	-	NCP_at_Pri	-	-	-	-
10	Poles, Towers and Fixtures	364	182,134	Func-364	NCP_at_115	NCP_at_Pri	DEMAND	NCP_at_Sec	-	-
11	Overhead Conductors and Devices	365	260,193	Func-365	NCP_at_115	NCP_at_Pri	DEMAND	NCP_at_Sec	-	-
12	Underground Conduit	366	62,195	Func-366	NCP_at_115	NCP_at_Pri	DEMAND	NCP_at_Sec	-	-
13	Underground Conductors & Devices	367	133,017	Func-367	NCP_at_115	NCP_at_Pri	DEMAND	NCP_at_Sec	-	-
14	Line Transformers	368	157,152	SEC	-	-	DEMAND	NCP_P_S	-	-
15	Services	369	71,453	SEC	-	-	CUST	-	Services_Cost	-
16	Meters	370	49,379	BILL	-	-	-	-	-	Meter_Cost
17	Installations on Cust. Prem./ARO	371/374	142	BILL	-	-	-	-	-	Meter_Cost
18	Street Lighting & Signal Systems	373	52,165	SEC	-	-	CUST	-	Light-Fixtures	-
19	Subtotal - DISTRIBUTION PLANT	360-373	1,152,474							
20										
21	**C. GENERAL PLANT**									
22	Land and Land Rights	389	952	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
23	Structures and Improvements	390	23,532	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
24	Office Furniture and Equipment	391	859	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
25	Passenger Cars - Transp Equipment	392	646	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
26	Stores Equipment	393	454	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
27	Tools, Shop & Garage Equipment	394	2,678	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
28	Laboratory Equipment	395	1,905	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
29	Communications Equipment	396	25,774	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
30	Miscellaneous Equipment	397/399.1	123	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
31	Subtotal - GENERAL PLANT	389-399	56,923							
32										
33	**TOTAL UTILITY PLANT**									
34										
35	**II. DEPRECIATION RESERVE**									
36	Production	108.3	(3,120)	SUBT	SUBT-PrPT-D	-	-	-	-	-
37	Distribution	108.5	(491,221)	DISTPT	SUBT-DxPT-D	PRI-PT-D	SEC_DiPT	SEC-PT-D	SEC-DxPT-C	BILL-DxPT-C
38	General	108.6	(24,583)	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
39	TOTAL DEPREC. RESERVE	108	(518,924)							

					Class Cost of Service Study ($000s) Allocators Assigned					
					SubTransmission	Primary Dist	Secondary Dist			Billing
	Account Description	Account No.	Dollars	Functional Allocator	Demand Allocator	Demand Allocator	Classification Allocator	Demand Allocator	Customer Allocator	Customer Allocator
40										
41	**III. OTHER RATE BASE ITEMS**									
42	Property Held for Future Use	131	204	PLANT	SUBT-PT-D	PRI-PT-D	SEC_DiPT	SEC-PT-D	SEC-DxPT-C	BILL-PT-C
43	Contributions in Aid of Construction	255	(103)	PLANT	SUBT-PT-D	PRI-PT-D	SEC_DiPT	SEC-PT-D	SEC-DxPT-C	BILL-DxPT-C
44	Materials and Supplies	255	6,378	PLANT	SUBT-PT-D	PRI-PT-D	SEC_DiPT	SEC-PT-D	SEC-DxPT-C	BILL-DxPT-C
45	Loss on Reacquired Debt	255	4,592	PLANT	SUBT-PT-D	PRI-PT-D	SEC_DiPT	SEC-PT-D	SEC-DxPT-C	BILL-DxPT-C
45	Cash Working Capital		5,855	OPEXP	SUBT-EXP-D	PRI-EXP-D	SEC_EXP	SEC-EXP-D	SEC-EXP-C	BILL-EXP-C
46	Accumulated Deferred FIT	154	(151,613)	PLANT	SUBT-PT-D	PRI-PT-D	SECPT	SEC-PT-D	SEC-PT-C	BILL-PT-C
47	Customer Deposits	182	(3,283)	BILL	-	-	-	-	-	CustDep
48	Injuries and Damages Reserve		(4,762)	PLANT	SUBT-PT-D	PRI-PT-D	SECPT	SEC-PT-D	SEC-PT-C	BILL-PT-C
49	Total - OTHER RATE BASE ITEMS	131-283	(142,732)							
50										
51	**TOTAL RATE BASE**									
52										
53	**I. OPERATING AND MAINTENANCE EXPENSES**									
54	**A. DISTRIBUTION EXPENSE**									
55	Purchased Power- Borderline	555	38	SUBT	MWh-Gen	-	-	-	-	-
56	Operation Supervision & Engineering	580	1,248	Dist-LABOR	SUBT-DxLAB-D	PRI-DxLAB-D	SEC-DxLABOR	SEC-DxLAB-D	SEC-DxLAB-C	BILL-DxLAB-C
57	Load Dispatching	581	2,237	SUBT	MWh-Gen	-	-	-	-	-
58	Station Expenses	582	3,081	STATIONS	-	NCP_at_PRI	-	-	-	-
59	Overhead Line Expenses	583	2,902	OH_Total	NCP_at_115	NCP_at_PRI	DEMAND	NCP_at_Sec	-	-
60	Underground Line Expenses	584	1,795	Func-367	NCP_at_115	NCP_at_PRI	DEMAND	NCP_at_Sec	-	-
61	Street Light and Signal Systems	585	503	SEC	-	-	CUST	-	Light-Fixtures	-
62	Meter Expenses	586	2,698	BILL	-	-	-	-	-	Meter_Cost
63	Customer Installation Expenses	587	1,489	Func-364	NCP_at_115	NCP_at_PRI	DEMAND	NCP_at_Sec	-	-
64	Misc. Distribution Expenses	588	8,753	Dist-LABOR	SUBT-DxLAB-D	PRI-DxLAB-D	SEC-DxLABOR	SEC-DxLAB-D	SEC-DxLAB-C	BILL-DxLAB-C
65	Rents	589	108	DISTPT	SUBT-PT-D	PRI-PT-D	SEC_DiPT	SEC-PT-D	SEC-DxPT-C	BILL-DxPT-C
66	Maint Supervision & Engineering	590	42	Dist-LABOR	SUBT-DxLAB-D	PRI-DxLAB-D	SEC-DxLABOR	SEC-DxLAB-D	SEC-DxLAB-C	BILL-DxLAB-C
67	Maint of Structures	591	24	STATIONS	-	NCP_at_PRI	-	-	-	-
68	Maintenance of Station Equipment	592	3,230	STATIONS	-	NCP_at_PRI	-	-	-	-
69	Maintenance of Overhead Lines	593	12,906	OH_Total	NCP_at_115	NCP_at_PRI	DEMAND	NCP_at_Sec	-	-
70	Maintenance of Underground Lines	594	1,085	Func-367	NCP_at_115	NCP_at_PRI	DEMAND	NCP_at_Sec	-	-
71	Maintenance of Line Transformers	595	254	SEC	-	-	DEMAND	NCP_P_S	-	-
72	Maintenance of Street Lights	596	1,604	SEC	-	-	CUST	-	Light-Fixtures	-
73	Maintenance of Meters	597	312	BILL	-	-	-	-	-	BILL-DxPT-C
74	Total - OPER. AND MAINT. EXP.	500-599	44,309							
75										

Class Cost of Service Study ($000s) Allocators Assigned

	Account Description	Account No.	Dollars	Functional Allocator	SubTransmission Demand Allocator	Primary Dist Demand Allocator	Secondary Dist Classification Allocator	Secondary Dist Demand Allocator	Secondary Dist Customer Allocator	Billing Customer Allocator
76	**B. CUSTOMER ACCOUNTS AND SERVICE**									
77	Supervision	901	1,170	BILL	-	-	-	-	-	Acct903
78	Meter Reading Expenses	902	1,599	BILL	-	-	-	-	-	Meter_Cost
79	Customer Records & Collection Expense	903	10,980	BILL	-	-	-	-	-	Acct903
80	Uncollectible Accounts- Delivery	904	2,519	BILL	-	-	-	-	-	Total_Del_Rev
81	Uncollectible Accounts- Commodity	904Com		-	-	-	-	-	-	-
82	Misc Customer Accounts Expenses	905	1,055	BILL	-	-	-	-	-	Customers
83	Subtotal - Customer Accounts Exp.	901-905	17,323							
84										
85	Supervision	907	86	BILL	-	-	-	-	-	MWh-Meter
86	Customer Assistance Exp Electric	908-909	1,709	BILL	-	-	-	-	-	MWh-Meter
85	Customer Assistance Expenses	910	2,135	BILL	-	-	-	-	-	MWh-Meter
86	Subtotal - Customer Service & Info.	907-913	3,930							
87										
88	Total - CUST. ACCT. & SERV. EXP.	901-919	21,253							
89										
90	**C. ADMINISTRATIVE AND GENERAL**									
91	GENERAL EXPENSES									
92	A&G-Salaries	920	8,976	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
93	A&G-Office Supplies	921	9,337	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
94	A&G-Outside Services Employed	923	1,384	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
95	Property Insurance	924		-	-	-	-	-	-	-
96	Injuries & Damages Insurance	925	4,537	PLANT	SUBT-PT-D	PRI-PT-D	SECPT	SEC-PT-D	SEC-PT-C	BILL-PT-C
97	Employee Pensions & Benefits	926	22,263	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
98	Regulatory Comm Expenses	928	4,600	RATEBASE	RateBase	RateBase	SEC_RB	RateBase	RateBase	RateBase
99	A&G-Misc Expenses	930200	3,854	PLANT	MWh-Gen	MWh-Gen	SECPT	MWh-Gen	MWh-Gen	MWh-Gen
100	A&G-Research & Development	930210	124	RATEBASE	RateBase	RateBase	SEC_RB	RateBase	RateBase	RateBase
101	A&G-Rents	931	4,376	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
101	A&G Maint-General Plant-Elec	935	250	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
102	TOTAL A&G EXPENSES	920-932								
103										
104	TOTAL OPERATING EXPENSES									
105										
106	**II. DEPRECIATION EXPENSE**									
107	Depreciation Expense	403	40,778	PLANT	SUBT-PT-D	PRI-PT-D	SECPT	SEC-PT-D	SEC-PT-C	BILL-PT-C
108	TOTAL DEPREC. EXPENSE	403								
109										

Class Cost of Service Study ($000s) Allocators Assigned

	Account Description	Account No.	Dollars	Functional Allocator	SubTransmission Demand Allocator	Primary Dist Demand Allocator	Secondary Dist Classification Allocator	Secondary Dist Demand Allocator	Secondary Dist Customer Allocator	Billing Customer Allocator
110	**III. TAXES and OTHER**									
111	**A. GENERAL TAXES**									
112	Municipal taxes	408	19,206	PLANT	SUBT-PT-D	PRI-PT-D	SECPT	SEC-PT-D	SEC-PT-C	BILL-PT-C
113	Payroll taxes	408	3,621	LABOR	SUBT-LAB-D	PRI-LAB-D	SECLABOR	SEC-LAB-D	SEC-LAB-C	BILL-LAB-C
114	Other taxes	408	275	PLANT	SUBT-PT-D	PRI-PT-D	SECPT	SEC-PT-D	SEC-PT-C	BILL-PT-C
115	Subtotal - General Taxes									
116										
117	**B. FEDERAL / STATE INCOME TAXES**									
118	Amort. ITC		(488)	PLANT	SUBT-PT-D	PRI-PT-D	SECPT	SEC-PT-D	SEC-PT-C	BILL-PT-C
119	Federal Income Tax Expense		6,736	RATEBASE	RATEBASE	RATEBASE	SEC_RB	RATEBASE	RATEBASE	RATEBASE
120	Subtotal - Federal / State Income Taxes	409-411								
121										
122	TOTAL TAXES	408-411	29,350							
123										
124	C. OTHER									
125	Merger / Synergy Benefits		(2,026)	RATEBASE	RATEBASE	RATEBASE	SECPT	RATEBASE	RATEBASE	RATEBASE
126	Amortization of Loss on Reacq Debt		686	PLANT	SUBT-PT-D	PRI-PT-D	SECPT	SEC-PT-D	SEC-PT-C	BILL-PT-C
127	Interest on Customer deposits		75	BILL	-	-	-	-	-	CustDep
128	Subtotal- Other									
129										
130	TOTAL EXPENSES		194,126							
131										
132	**IV. OPERATING REVENUES at Current Rates**									
133	Distribution charge revenue	440	215,420	RevReq_PF	Total_Del_Rev	Total_Del_Rev	SECPT	Total_Del_Rev	Total_Del_Rev	Total_Del_Rev
134	Forfeited discounts	450-451	2,230	BILL	-	-	-	-	-	Write-Offs
135	Rent from Utility property	451Misc	2,624	Func-364	NCP_at_115	NCP_at_Pri	DEMAND	NCP_at_Sec	-	-
136	Other revenue	454	2,948	RevReq_PF	Total_Del_Rev	Total_Del_Rev	SECPT	Total_Del_Rev	Total_Del_Rev	Total_Del_Rev
137	Total Operating Revenues									
138										
139										
140										
141	**V. NET INCOME at Current Rates**									
163										
164										

Class Cost of Service Study ($000s)
UNITIZED REVENUE REQUIREMENTS, RATE BASE AND COSTS

	Unit Cost Component	Units	System Average		Residential A16 / A60	Small C&I C6	General C&I G2 / E40	200 kW Demand B32 / G32	3000 kW Demand B62 / G62	Lighting S10 / S14	Propulsion X1
							UNITIZED REVENUE REQUIREMENTS				
1	SubTransmission Demand (kW-Month) (includes Hydro Production)	NCP_at_115	0.67	#	0.63	0.61	0.69	0.75	0.72	0.69	0.45
2	Primary Dist Demand (kW-Month)	NCP_at_Pri	4.90	#	4.90	4.89	4.90	4.90	4.89	5.23	4.83
3	Secondary Dist Demand (kW-Month)	NCP_at_Sec	2.95	#	2.77	2.76	2.77	-	-	2.93	-
4	Secondary Dist Customer (Cust-Mth)	Cust-Months	3.32	#	1.27	1.55	2.72	12.61	562.37	-	218.62
5	Billing Customer (Cust-Mth)	Cust-Months	8.61	#	7.15	10.48	40.17	214.86	5,270.71	-	1,437.60
6	Total Demand-related (kW-Month)	NCP_at_115	7.33		7.89	7.86	7.93	5.89	5.85	8.42	5.49
7	Total Customer-related (Cust-Mth)	Cust-Months	11.93		8.42	12.03	42.89	227.47	5,833.08	-	1,656.22
							UNITIZED RATE BASE				
8	SubTransmission Demand (kW-Month) (includes Hydro Production)	NCP_at_115	0.87		0.86	0.86	0.88	0.90	0.89	0.87	0.81
9	Primary Dist Demand (kW-Month)	NCP_at_Pri	13.15		13.15	13.15	13.15	13.15	13.15	13.18	13.15
10	Secondary Dist Demand (kW-Month)	NCP_at_Sec	9.29		8.62	8.62	8.64	-	-	8.64	-
11	Secondary Dist Customer (Cust-Mth)	Cust-Months	10.36		5.70	6.79	7.08	3.83	34.87	-	13.93
12	Billing Customer (Cust-Mth)	Cust-Months	5.19		4.62	6.26	18.14	83.88	314.66	-	68.79
13	Total Demand-related (kW-Month)	NCP_at_115	19.66		21.44	21.44	21.40	15.12	15.11	21.49	15.03
14	Total Customer-related (Cust-Mth)	Cust-Months	15.55		10.31	13.05	25.22	87.71	349.53	-	82.71
							UNITIZED COSTS				
15	SubTransmission Demand (kW-Month) (includes Hydro Production)	NCP_at_115	0.59		0.55	0.53	0.60	0.67	0.64	0.61	0.38
16	Primary Dist Demand (kW-Month)	NCP_at_Pri	3.67		3.67	3.66	3.67	3.67	3.66	3.99	3.60
17	Secondary Dist Demand (kW-Month)	NCP_at_Sec	2.08		1.96	1.96	1.96	-	-	2.12	-
18	Secondary Dist Customer (Cust-Mth)	Cust-Months	2.35		0.74	0.91	2.05	12.25	559.10	-	217.32
19	Billing Customer (Cust-Mth)	Cust-Months	8.12		6.72	9.90	38.47	207.01	5,241.24	-	1,431.15
20	Total Demand-related (kW-Month)	NCP_at_115	5.49		5.88	5.85	5.92	4.47	4.43	6.40	4.08
21	Total Customer-related (Cust-Mth)	Cust-Months	10.47		7.46	10.81	40.52	219.26	5,800.34	-	1,648.47

Class Cost of Service Study ($000s)

FUNCTIONAL CLASIFIED REVENUE REQUIREMENTS, RATE BASE AND COSTS

	Unit Cost Component	Total	Residential A16 / A60	Small C&I C6	General C&I G2 / E40	200 kW Demand B32 / G32	3000 kW Demand B62 / G62	Lighting S10 / S14	Propulsion X1
	FUNCTIONAL CLASSIFIED REVENUE REQUIREMENT								
1	SubTransmission Demand (includes Hydro Production)	15,786	6,671	1,239	2,821	3,764	1,067	148	76
2	Primary Dist Demand	111,501	50,175	9,573	19,416	23,539	6,945	1,077	775
3	Secondary Dist Demand	45,760	26,973	5,147	10,354	2,048	600	575	63
4	Secondary Dist Customer	18,527	6,287	828	267	152	40	10,950	3
5	Billing Customer	48,057	35,284	5,613	3,948	2,591	379	223	17
6	Total Demand-related	173,048	83,818	15,960	32,591	29,351	8,613	1,800	914
7	Total Customer-related	66,584	41,571	6,441	4,215	2,743	420	11,173	20
8		239,631	125,389	22,402	36,807	32,094	9,033	12,974	934
	FUNCTIONAL CLASSIFIED RATE BASE								
9	SubTransmission Demand (includes Hydro Production)	20,579	9,144	1,738	3,603	4,465	1,307	187	136
10	Primary Dist Demand	299,214	134,688	25,739	52,098	63,189	18,673	2,717	2,111
11	Secondary Dist Demand	144,269	84,017	16,055	32,250	7,716	2,280	1,694	258
12	Secondary Dist Customer	57,835	28,124	3,634	696	46	3	25,331	0
13	Billing Customer	28,972	22,780	3,352	1,783	1,012	23	22	1
14	Total Demand-related	464,062	227,848	43,532	87,951	75,370	22,260	4,598	2,504
15	Total Customer-related	86,806	50,904	6,986	2,479	1,058	25	25,353	1
16		550,868	278,752	50,518	90,430	76,428	22,285	29,951	2,505
	FUNCTIONAL CLASSIFIED EXPENSES								
17	SubTransmission Demand (includes Hydro Production)	13,858	5,814	1,077	2,484	3,346	945	130	63
18	Primary Dist Demand	83,474	37,559	7,163	14,536	17,620	5,196	823	578
19	Secondary Dist Demand	32,247	19,103	3,643	7,333	1,325	386	417	39
20	Secondary Dist Customer	13,110	3,652	488	202	148	40	8,577	3
21	Billing Customer	45,343	33,150	5,299	3,781	2,497	377	221	17
22	Total Demand-related	129,579	62,476	11,883	24,353	22,291	6,528	1,370	679
23	Total Customer-related	58,453	36,803	5,787	3,983	2,644	418	8,798	20
24		188,032	99,279	17,670	28,336	24,935	6,945	10,168	699

Class Cost of Service Study ($000s)

METER-RELATED COMPONENT OF REVENUE REQUIREMENT

	Account Description	Total Dollars	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
			A16 / A60	C6	G2 / E40	B32 / G32	B62 / G62	S10 / S14	X1
1	Meter Cost	49,379	33,610	8,156	5,780	1,823	9	0	0
2	Other Rate Base items	(27,286)	(18,583)	(4,506)	(3,188)	(1,004)	(5)	0	0
3	Meter-Related Rate Base	22,093	15,028	3,650	2,592	819	4	0	0
4	Rate of Return on Rate Base	7.20%	7.20%	7.20%	7.20%	7.20%	7.20%	7.20%	7.20%
5	Return on Rate Base	1,591	1,082	263	187	59	0	0	0
6	Income Tax Gross-up	479	326	79	56	18	0	0	0
7	Return Component of Revenue Requirement	2,069	1,408	342	243	77	0	0	0
8									
9	Meter Expenses	2,698	1,836	446	316	100	1	0	0
10	Meter Reading Expenses	1,599	1,088	264	187	59	0	0	0
11	O&M Costs	4,297	2,925	710	503	159	1	0	0
12	A&G Expense	4,047	2,666	683	524	172	1	0	0
13	Meter Depreciation Expense	1,750	1,193	289	203	64	0	0	0
14	Cost Component of Revenue Requirement	10,093	6,784	1,681	1,230	395	2	0	0
15									
16	Meter-Related Revenue Requirement	12,163	8,192	2,023	1,473	472	2	0	0
17									
18	Number of Meters	499,717	441,304	48,516	8,776	1,106	15	0	0
19									
20	**Monthly Revenue Requirement per Meter**	**$2.03**	**$1.55**	**$3.47**	**$13.99**	**$35.57**	**$13.58**	**#DIV/0!**	**#DIV/0!**
21									
22	Distribution Plant in Service- Cost	1,152,474	577,249	108,221	193,103	160,023	46,734	61,862	5,283
23	Meter % of Distribution Plant	4.3%	5.8%	7.5%	3.0%	1.1%	0.0%	0.0%	0.0%
24									
25	Materials and Supplies	6,378	3,205	604	1,066	884	257	334	29
26	Accumulated Depreciation	(491,221)	(246,159)	(46,149)	(82,350)	(68,068)	(19,878)	(26,370)	(2,247)
27	ADIT	(151,613)	(76,199)	(14,243)	(25,221)	(20,977)	(6,108)	(8,179)	(685)
28		(636,456)	(319,153)	(59,789)	(106,506)	(88,161)	(25,729)	(34,215)	(2,904)
29									
30	Distribution O&M	44,309	20,803	4,116	7,477	6,649	1,901	3,164	198
31	Customer Accounts	17,323	13,758	1,719	972	668	60	144	2
32		61,632	34,562	5,835	8,449	7,317	1,961	3,309	200
33	Meter % of Operating Costs	6.97%	8.46%	12.16%	5.95%	2.17%	0.04%	0.00%	0.00%
34									
35	A&G Costs	59,701	31,507	5,612	8,808	7,952	2,197	3,417	207
36									
37	Distribution Depreciation Expense	40,778	20,495	3,831	6,784	5,642	1,643	2,200	184
38									
39	Effective Tax Rate		23.13%	23.13%	23.13%	23.13%	23.13%	23.13%	23.13%

Class Cost of Service Study ($000s)
LINE-TRANSFORMER COMPONENT OF REVENUE REQUIREMENT

	Account Description	Amount
1	Line Transformers Cost	157,152
2	Other Rate Base items	(86,787)
3	Line Transformers-Related Rate Base	70,365
4	Rate of Return on Rate Base	7.20%
5	Return on Rate Base	5,066
6	Income Tax Gross-up	1,525
7	Return Component of Revenue Requirement	6,591
8		
9	Maintenance of Line Transformers	254
10	A&G Expense	246
11	Line Transformers Depreciation Expense	5,561
12	Cost Component of Revenue Requirement	6,061
13		
14	Transformer-Related Revenue Requirement	12,652
15		
16	Demand Units	1,294,694
17		
18	Monthly Revenue Requirement per kW	$0.81
19	Annual Demand Units- B32/G32/B62/G62	3,733,444
20	Annual Billing Demand Units- B32/G32/B62/G62	7,203,195
21	**Monthly Transformer Billing Credit per kW**	**$0.42**
22	Distribution Plant in Service- Cost	1,152,474
23	Line Transformer % of Distribution Plant	13.6%
24		
25	Materials and Supplies	6,378
26	Accumulated Depreciation	(491,221)
27	ADIT	(151,613)
28		(636,456)
29		
30	Distribution O&M	44,309
31	Customer Accounts	17,323
32		61,632
33	Line Transformer % of Operating Costs	0.41%
34		
35	A&G Costs	59,701
36		
37	Distribution Depreciation Expense	40,778
38		
39	Effective Tax Rate	23.13%

Schedule NG-HSG-2 (C) - Amended

Development of External Allocators for the ACOSS

Index
1

Development of Allocators - Index

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Allocators
2

External Allocator Values- Class Allocation

Line	Units	Allocator Names	Total	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
				A16/A60	C06	G02	B32 / G32	B62 / G62	S10 / S14	X01
		ALLOCATION VALUES								
1	MWh	MWh-Meter	7,662,969	3,037,613	552,429	1,371,694	2,041,538	565,378	68,382	25,935
2	MWh	MWh-Gen	8,217,095	3,312,579	602,435	1,495,137	2,118,708	586,749	74,572	26,916
3	MWh	MWh-CI	4,531,039		552,429	1,371,694	2,041,538	565,378		
4										
5	MW	NCP_at_115	1,967,310	885,548	169,232	342,544	415,492	122,783	17,827	13,884
6	MW	NCP_at_Pri	1,895,654	853,294	163,068	330,068	400,358	118,311	17,177	13,378
7	MW	NCP_at_Sec	1,294,694	812,042	155,185	311,120	0	0	16,347	0
8										
9	#	Bills	5,805,762	5,126,632	536,788	85,684	14,962	152	41,532	12
10	#	Customers	465,108	411,286	44,619	8,191	1,005	6	0	1
11	#	Customers-CI	53,822		44,619	8,191	1,005	6		1
12	#	Xfmr_Cost	113,631,803	80,878,845	20,611,875	7,897,628	4,193,394	50,061	0	0
13	$	Services_Cost	158,103,601	136,880,355	17,679,780	3,356,430	185,925	1,110	0	0
14	$	Meter_Cost	35,732,210	24,321,588	5,901,825	4,182,764	1,319,276	6,756	0	0
15	#	All_Meters	499,717	441,304	48,516	8,776	1,106	15	0	0
16	$	Cust_Chge_Rev	41,147,221	12,994,875	3,189,287	8,991,571	3,662,023	2,610,127	9,579,339	120,000
17	$	kWh_Rev	148,331,249	100,110,475	20,047,322	10,688,581	18,149,275	0	(745,321)	80,918
18	$	Demand_Rev	26,724,656	0	0	12,067,252	11,767,149	2,890,254	0	0
19	$	Demand_Discounts	(782,138)	0	0	(39,911)	(322,134)	(420,093)	0	0
20	$	Total_Del_Rev	215,420,989	113,105,349	23,236,609	31,707,493	33,256,314	5,080,288	8,834,018	200,918
21	$	Other_Dist_Rev	0							
22	%	Acct903	100.00%	85.71%	8.90%	3.25%	1.79%	0.00%	0.34%	0.00%
23	$	Write-Offs-Del	4,531,028	3,641,001	382,363	309,698	195,358	0	2,607	1
24	$	Write-Offs-Comm	7,861,886	6,092,916	560,964	658,105	548,348	0	1,552	1
25	$	Write-Offs	12,392,914	9,733,917	943,327	967,803	743,706	0	4,159	2
26	%	Acct908	100.00%	45.49%	43.65%	8.61%	1.93%	0.27%	0.03%	0.01%
27	%	Acct910	100.00%	54.86%	9.84%	12.46%	17.46%	4.80%	0.53%	0.05%
28	%	CustDep	100.00%	0.73%	47.61%	47.67%	3.98%	0.00%	0.01%	0.00%
29	#	Light-Fixtures	6,105						6,105	

Functions
3

External Allocator Values- Functionalization

Line	Functional Allocator Values	Total	Supply	SubTransmission	Primary	Secondary	Billing
1	Func-364	8,162		291	4,815	3,056	
2	Func-365	12,894		862	8,884	3,149	
3	Func-366	402		28	321	52	
4	Func-367	2,188		163	1,823	203	

Bills
4

Number of Customer Bills- Normalized

Line	Rate Class	Includes	Total	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
1	Residential	A16-A60	5,126,632	414,526	430,225	430,047	417,306	430,270	431,905	430,992	430,218	430,625	430,046	432,201	418,271
2	Small C&I	C06-R2	536,788	43,629	45,605	44,698	43,519	45,576	44,838	44,853	44,898	44,852	45,106	45,246	43,968
3	General C&I	G02-E40	85,684	6,935	7,656	7,126	7,089	7,662	6,983	7,078	7,037	7,023	7,268	7,253	6,574
4	200 kW Demand	B32-G32	14,962	1,038	1,159	1,259	1,271	1,179	1,278	1,286	1,327	1,306	1,335	1,345	1,179
5	3000 kW Demand	B62-G62	152	14	14	13	12	13	14	11	13	14	15	11	11
6	Lighting	S10-S14	41,532	3,897	3,408	3,482	3,480	3,406	3,460	3,442	3,432	3,400	3,382	3,366	3,377
7	Propulsion	X01	12	1	1	1	1	1	1	1	1	1	1	1	1
8			5,805,762	470,040	488,068	486,626	472,678	488,107	488,479	487,663	486,926	487,221	487,153	489,423	473,381
9	A-16		4,743,535	384,406	398,247	397,710	385,414	397,586	398,942	397,923	397,168	397,515	401,207	400,312	387,105
10	A-60	A16	383,097	30,120	31,978	32,337	31,892	32,684	32,963	33,069	33,050	33,110	28,839	31,889	31,166
11	B-32	G32	19	2	2	2	2	2	1	2	1	1	1	1	2
12	B-62	G62	24	2	2	2	2	2	2	2	2	2	2	2	2
13	C-06		525,892	42,721	44,697	43,790	42,611	44,668	43,930	43,945	43,990	43,944	44,198	44,338	43,060
14	C-06 (Unmetered)	C06	3,528	294	294	294	294	294	294	294	294	294	294	294	294
15	E-40	G02	73	6	7	7	5	6	7	7	6	6	6	6	4
16	G-02		85,611	6,929	7,649	7,119	7,084	7,656	6,976	7,071	7,031	7,017	7,262	7,247	6,570
17	G-32		14,943	1,036	1,157	1,257	1,269	1,177	1,277	1,284	1,326	1,305	1,334	1,344	1,177
18	G-62		128	12	12	11	10	11	12	9	11	12	13	9	9
19	R-02	C06	7,368	614	614	614	614	614	614	614	614	614	614	614	614
20	SL-10	Lighting	36,475	3,476	2,987	3,061	3,059	2,985	3,039	3,021	3,010	2,978	2,960	2,944	2,955
21	SL-14	Lighting	5,057	421	421	421	421	421	421	421	422	422	422	422	422
22	X-01		12	1	1	1	1	1	1	1	1	1	1	1	1
23			5,805,762	470,040	488,068	486,626	472,678	488,107	488,479	487,663	486,926	487,221	487,153	489,423	473,381

Sales
5-6

Sales in MWh- Normalized

Line	Rate Class	Includes	Total	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
1	Residential	A16-A60	3,037,613	297,655,571	264,633,492	264,761,383	233,986,877	199,886,532	213,246,500	296,667,164	318,027,884	263,609,665	215,981,232	212,696,707	256,460,117
2	Small C&I	C06-R2	552,429	55,774,257	45,571,126	48,151,851	39,322,928	39,839,036	42,509,976	50,913,525	54,715,140	44,969,367	39,619,155	43,713,734	47,328,778
3	General C&I	G02-E40	1,371,694	115,565,325	112,198,733	109,833,404	109,441,260	93,668,283	110,785,993	128,980,165	139,275,203	124,473,038	111,550,086	110,008,127	105,914,010
4	200 kW Demand	B32-G32	2,041,538	177,242,631	168,303,365	163,457,673	161,647,846	165,429,031	167,380,689	175,281,985	187,535,274	174,239,821	175,835,097	168,427,237	156,757,636
5	3000 kW Demand	B62-G62	565,378	51,215,583	44,662,335	19,916,421	60,530,724	44,851,712	49,116,616	41,855,860	52,653,554	57,144,337	52,765,816	40,133,989	50,530,900
6	Lighting	S10-S14	68,382	5,698,470	5,698,470	5,698,470	5,698,470	5,698,470	5,698,470	5,698,470	5,698,470	5,698,470	5,698,470	5,698,470	5,698,470
7	Propulsion	X01	25,935	2,479,535	2,047,602	2,017,206	2,037,548	2,117,434	2,336,459	1,699,098	2,524,480	2,235,074	2,084,985	2,297,260	2,058,557
8			7,662,968,634	705,631,372	643,115,123	613,836,408	612,665,653	551,490,498	591,074,703	701,096,267	760,430,005	672,369,772	603,534,841	582,975,524	624,748,468
9															
9	A-16		2,842,814	281,403,076	246,613,920	246,459,470	217,291,137	186,093,103	200,082,405	277,458,306	299,523,493	247,088,025	203,001,981	198,696,975	239,102,089
10	A-60	A16	194,799	16,252,495	18,019,572	18,301,913	16,695,740	13,793,429	13,164,095	19,208,858	18,504,391	16,521,640	12,979,251	13,999,732	17,358,028
11	B-32	G32	5,245	470,973	425,720	379,922	399,413	348,930	155,120	823,600	581,526	452,557	382,366	402,827	422,299
12	B-62	G62	140,108	12,281,616	11,850,819	12,535,616	11,824,816	11,155,616	11,496,416	11,410,016	11,780,816	11,937,616	11,516,416	10,824,816	11,493,216
13	C-06 (Unmetered)		545,546	55,213,002	45,008,759	47,591,952	38,763,005	39,275,876	41,926,930	50,324,804	54,126,728	44,415,757	39,027,194	43,124,096	46,747,837
14	C-08	C06	2,304	179,695	180,807	178,339	178,363	181,600	201,486	207,161	206,852	172,050	210,401	208,078	199,381
15	E-40	G02	3,249	63,154	57,723	50,084	125,389	202,835	461,308	731,584	491,233	395,519	430,945	109,621	129,352
16	G-02		1,368,445	115,502,171	112,141,010	109,783,320	109,315,871	93,465,448	110,324,685	128,248,581	138,783,970	124,077,519	111,119,141	109,898,506	105,784,658
17	G-32		2,036,293	176,771,658	167,877,645	163,077,751	161,248,433	165,080,101	167,225,569	174,458,385	186,953,748	173,787,264	175,452,731	168,024,410	156,335,337
18	G-62		425,270	38,933,967	32,811,516	7,380,805	48,705,908	33,696,096	37,620,200	30,445,844	40,872,738	45,206,721	41,249,400	29,309,173	39,037,684
19	R-02	C06	4,579	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560
20	SL-10	Lighting	9,918	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496
21	SL-14	Lighting	58,464	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974
22	X-01		25,935	2,479,535	2,047,602	2,017,206	2,037,548	2,117,434	2,336,459	1,699,098	2,524,480	2,235,074	2,084,985	2,297,260	2,058,557
23			7,662,968,634	705,631,372	643,115,123	613,836,408	612,665,653	551,490,498	591,074,703	701,096,267	760,430,005	672,369,772	603,534,841	582,975,524	624,748,468

Sales
5-6

Sales in MWh- Normalized

Line	Rate Class	Includes	Total	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
	A-60: Residential Low Income														
	Dec-Mar	First 450	44,573	10,358,907	11,485,195	11,665,151									11,063,544
	Dec-Mar	Next 750	19,368	4,501,121	4,990,512	5,068,706									4,807,298
	Dec-Mar	Excess	5,992	1,392,467	1,543,865	1,568,056									1,487,186
			69,932,008	16,252,495	18,019,572	18,301,913									17,358,028
	Apr-Nov	First 450	85,907				11,486,486	9,489,728	9,056,753	13,215,483	12,730,818	11,366,707	8,929,582	9,631,662	
	Apr-Nov	Excess	38,960				5,209,254	4,303,701	4,107,342	5,993,375	5,773,573	5,154,933	4,049,669	4,368,070	
			124,867,136				16,695,740	13,793,429	13,164,095	19,208,858	18,504,391	16,521,640	12,979,251	13,999,732	
	C-06: Small C&I														
	Sales		545,538	55,212,248	45,008,144	47,591,302	38,762,476	39,275,340	41,926,358	50,324,117	54,125,989	44,415,151	39,026,661	43,123,507	46,747,199
	Minimum		7	754	615	650	529	536	572	687	739	606	533	589	638
			545,545,940	55,213,002	45,008,759	47,591,952	38,763,005	39,275,876	41,926,930	50,324,804	54,126,728	44,415,757	39,027,194	43,124,096	46,747,837
	C-06: Small C&I Unmetered														
	Sales		2,295	178,981	180,088	177,630	177,654	180,878	200,685	206,337	206,030	171,366	209,565	207,251	198,588
	Minimum		9	714	719	709	709	722	801	824	822	684	836	827	793
			2,304,213	179,695	180,807	178,339	178,363	181,600	201,486	207,161	206,852	172,050	210,401	208,078	199,381
	E-40: Storage Cooling														
	On Peak		1,571,117	27,737	24,138	21,451	63,960	99,592	220,418	315,969	240,339	190,519	252,000	48,503	66,491
	Off Peak		1,677,630	35,417	33,585	28,633	61,429	103,243	240,890	415,615	250,894	205,000	178,945	61,118	62,861
			3,248,747	63,154	57,723	50,084	125,389	202,835	461,308	731,584	491,233	395,519	430,945	109,621	129,352
	SL-10: Private Lighting														
	Blackstone Valley		3,983,976	331,998	331,998	331,998	331,998	331,998	331,998	331,998	331,998	331,998	331,998	331,998	331,998
	Narragansett zone		4,252,128	354,344	354,344	354,344	354,344	354,344	354,344	354,344	354,344	354,344	354,344	354,344	354,344
	Newport Zone		1,681,848	140,154	140,154	140,154	140,154	140,154	140,154	140,154	140,154	140,154	140,154	140,154	140,154
			9,917,952	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496	826,496
	SL-14: General Streetlighting														
	Blackstone Valley		9,491,748	790,979	790,979	790,979	790,979	790,979	790,979	790,979	790,979	790,979	790,979	790,979	790,979
	Narragansett zone		45,523,752	3,793,646	3,793,646	3,793,646	3,793,646	3,793,646	3,793,646	3,793,646	3,793,646	3,793,646	3,793,646	3,793,646	3,793,646
	Newport Zone		3,448,188	287,349	287,349	287,349	287,349	287,349	287,349	287,349	287,349	287,349	287,349	287,349	287,349
			58,463,688	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974	4,871,974

Revenue
7-10

Proof of Distribution Revenue at Current Rates

	Code	Description	Includes	Annual Bills	Pro-rate Factor	Prorated Annual Bills	Monthly Customer Charge	Customer Charge Revenue	Billing Demand	Prorate Factor	Prorated Billing Demand	Demand Charge	Demand Charge Revenue
1	A16	Residential	A16-A60	5,126,632		5,108,506		12,994,875					
2	C06	Small C&I	C06-R2	536,788		539,107		3,189,287					
3	G02	General C&I	G02-E40	85,684		86,973		8,991,571	3,812,972		3,747,594		12,067,252
4	G32	200 kW Demand	B32-G32	14,962		15,489		3,662,023	5,940,055		5,901,279		11,767,149
5	G62	3000 kW Demand	B62-G62	152		152		2,610,127	1,304,312		1,301,916		2,890,254
6	S10	Lighting	S10-S14	41,532		41,532		9,579,339					
7	X01	Propulsion	X01	12		12		120,000					
8				5,805,762		5,791,771		41,147,221	11,057,339		10,950,789		26,724,656
9	A16	Residential Basic		4,743,535	(0.382%)	4,725,409	$2.75	12,994,875					
10	A60	Resid. Low Income	A16	383,097	-	383,097	-	-					
11	B32	C&I Back-up	G32	19	-	19	$236.43	4,492	23,335	(0.020%)	23,330	See below	70,031
12	B62	3000 kW Back-up	G62	24	-	24	$17,118.72	408,967	378,188	(0.176%)	377,521	See below	838,096
13	C06	Small C&I		525,892	0.445%	528,231	$6.00	3,169,384					
14	C06	Small C&I Unmetrd	C06	3,528	(0.325%)	3,517	$1.83	6,435					
15	E40	Storage Cooling	G02	73	10.571%	81	$75.15	6,066					
16	G02	General C&I		85,611	1.496%	86,892	$103.41	8,985,505	3,812,972	(1.715%)	3,747,594	$3.22	12,067,252
17	G32	200 kW Demand		14,943	3.526%	15,470	$236.43	3,657,531	5,916,720	(0.655%)	5,877,949	$1.99	11,697,118
18	G62	3000 kW Demand		128	0.759%	129	$17,118.72	2,201,160	926,124	(0.187%)	924,396	$2.22	2,052,159
20	R02	Traffic Signals	C06	7,368	(0.115%)	7,360	$1.83	13,468					
21	S10	Private Lighting	Lighting	36,475		36,475		885,317					
22	S14	Streetlighting	Lighting	5,057		5,057		8,694,022					
23	X01	X-01		12		12	$10,000.00	120,000					
24				5,805,762		5,791,771		41,147,221	11,057,339		10,950,789		26,724,656

Revenue
7-10

Proof of Distribution Revenue at Current Rates

	Code	Description	Includes	kWh Deliveries	kWh Charge	kWh Charge Revenue	HVD Billing Units	HVD Credit Revenue	HVM Billing Units	HVM Credit Revenue	Feeder Service Billing Units	Feeder Service Revenue	Normalized Rate Year Revenue
1	A16	Residential	A16-A60	3,037,613,124		100,110,475							113,105,349
2	C06	Small C&I	C06-R2	552,428,873		20,047,322							23,236,609
3	G02	General C&I	G02-E40	1,371,693,627		10,688,581	97,801	(36,186)	31,685,574	(3,725)			31,707,493
4	G32	200 kW Demand	B32-G32	2,041,538,285		18,149,275	1,641,134	(607,220)	33,578,448	(79,954)	151,469	365,040	33,256,314
5	G62	3000 kW Demand	B62-G62	565,377,847		-	990,034	(366,313)	5,500,381	(53,781)			5,080,288
6	S10	Lighting	S10-S14	68,381,640		(745,321)							8,834,018
7	X01	Propulsion	X01	25,935,238		80,918							200,918
8				7,662,968,634		148,331,249	2,728,969	(1,009,719)	70,764,403	(137,460)	151,469	365,040	215,420,989
9	A16	Residential Basic		2,842,813,980	$0.03376	95,973,400							108,968,275
10	A60	Resid. Low Income	A16	194,799,144	See below	4,137,075							4,137,075
11	B32	C&I Back-up	G32	5,245,253	$0.00889	46,630	10,444	(3,864)	121,154	(1,018)			116,272
12	B62	3000 kW Back-up	G62	140,107,795	-	-	100,014	(37,005)	1,247,063	(11,610)			1,198,448
13	C06	Small C&I		545,545,940	See below	19,782,828							22,952,211
14	C06	Small C&I Unmetrd	C06	2,304,213	See below	98,562							104,997
15	E40	Storage Cooling	G02	3,248,747	See below	55,764							61,830
16	G02	General C&I		1,368,444,880	$0.00777	10,632,817	97,801	(36,186)	31,685,574	(3,725)			31,645,663
17	G32	200 kW Demand		2,036,293,032	$0.00889	18,102,645	1,630,690	(603,355)	33,457,294	(78,937)	151,469	365,040	33,140,042
18	G62	3000 kW Demand		425,270,052	-	-	890,020	(329,307)	4,253,318	(42,171)			3,881,840
20	R02	Traffic Signals	C06	4,578,720	$0.03624	165,933							179,401
21	S10	Private Lighting	Lighting	9,917,952	See below	(225,168)							660,149
22	S14	Streetlighting	Lighting	58,463,688	See below	(520,153)							8,173,869
23	X01	X-01		25,935,238	$0.00312	80,918							200,918
24				7,662,968,634		148,331,249	2,728,969	(1,009,719)	70,764,403	(137,460)	151,469	365,040	215,420,989
													215,542,992
							Rate	($0.37)			Rate	$2.41	215,420,369

Revenue
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Proof of Distribution Revenue at Current Rates

	Code	Description	Includes	Annual Bills	Pro-rate Factor	Prorated Annual Bills	Monthly Customer Charge	Customer Charge Revenue	Billing Demand	Prorate Factor	Prorated Billing Demand	Demand Charge	Demand Charge Revenue
		A-60 Residential Low Income											
25		Dec-Mar	First 450										
26		Dec-Mar	Next 750										
27		Dec-Mar	Over 1200										
28		Apr-Nov	First 450										
29		Apr-Nov	Over 450										
30													
		B-32 C&I Back-up											
31		Back-up							7,567	(0.020%)	7,565	$5.11	38,659
32		Supplemental							15,768	(0.020%)	15,765	$1.99	31,372
33									23,335		23,330		70,031
		B-62 3000 kW Back-up											
34		Back-up							93,570	(0.176%)	93,405	$2.22	207,359
35		Supplemental							284,618	(0.176%)	284,116	$2.22	630,737
36									378,188		377,521		838,096
		C-6 Small C&I											
37		kWh											
38		Over 25 kVA											
39													
		C-8 Small C&I Unmetered											
40		kWh											
41		Over 25 kVA											
42													
		E-40 Storage Cooling											
43		On Peak											
44		Off Peak											
45													
		S-10 Private Lighting											
46		Blackstone Valley											
47		Narragansett zone											
48		Newport Zone											
49													
		S-14 General Streetlighting											
50		Blackstone Valley											
51		Narragansett zone											
52		Newport Zone											
53													

Revenue
7-10

Proof of Distribution Revenue at Current Rates

	Code	Description	Includes	kWh Deliveries	kWh Charge	kWh Charge Revenue	HVD Billing Units	HVD Credit Revenue	HVM Billing Units	HVM Credit Revenue	Feeder Service Billing Units	Feeder Service Revenue	Normalized Rate Year Revenue
		A-60 Residential Low Income											
25		Dec-Mar	First 450	44,572,797	$0.01688	752,389							
26		Dec-Mar	Next 750	19,367,637	$0.03055	591,681							
27		Dec-Mar	Over 1200	5,991,574	$0.02548	152,665							
28		Apr-Nov	First 450	85,907,219	$0.01688	1,450,114							
29		Apr-Nov	Over 450	38,959,917	$0.03055	1,190,225							
30				194,799,144		4,137,075							
		B-32 C&I Back-up											
31		Back-up											
32		Supplemental											
33													
		B-62 3000 kW Back-up											
34		Back-up											
35		Supplemental											
36													
		C-6 Small C&I											
37		kWh		545,538,492	$0.03624	19,770,315							
38		Over 25 kVA		7,448	$1.68000	12,513							
39				545,545,940		19,782,828							
		C-8 Small C&I Unmetered											
40		kWh		2,295,053	$0.03624	83,173							
41		Over 25 kVA		9,160	$1.68000	15,389							
42				2,304,213		98,562							
		E-40 Storage Cooling											
43		On Peak		1,571,117	$0.02536	39,844							
44		Off Peak		1,677,630	$0.00949	15,921							
45				3,248,747		55,764							
		S-10 Private Lighting											
46		Blackstone Valley		3,983,976	($0.04420)	(176,092)							
47		Narragansett zone		4,252,128	-	-							
48		Newport Zone		1,681,848	($0.02918)	(49,076)							
49				9,917,952		(225,168)							
		S-14 General Streetlighting											
50		Blackstone Valley		9,491,748	($0.04420)	(419,535)							
51		Narragansett zone		45,523,752	-	-							
52		Newport Zone		3,448,188	($0.02918)	(100,618)							
53				58,463,688		(520,153)							

Xfmrs
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Transformer Costs

Line	Rate Class	Includes	Customers	Source	Average Cost Per Customer	Total Transformers Cost
1	Residential	A16-A60	411,110	See below	$197	80,878,845
2	Small C&I	C06-R2	44,015	See below	$468	20,611,875
3	General C&I	G02-E40	8,190	See below	$964	7,897,628
4	200 kW Demand	B32-G32	1,003	See below	$4,181	4,193,394
5	3000 kW Demand	B62-G62	6	See below	$8,344	50,061
6	Lighting	S10-S14	0			
7	Propulsion	X01	0			0
8			464,324		$245	113,631,803
9	*Check*		*464,324*			*113,631,803*
10	A16		396,478	From Detail	$197	77,932,720
11	A60		14,632	From Detail	$201	2,946,125
12			411,110			80,878,845
13	C06		43,740	From Detail	$467	20,438,041
14	C08		275	From Detail	$632	173,834
15			44,015			20,611,875
16	200 kW Backup	B32	1	From Detail		122
17	200 kW Demand	B32-G32	1,002	From Detail		4,193,271
18			1,003			4,193,394
19	3000 kW Backup	B62	1	From Detail		33,382
20	3000 kW Demand	B62-G62	5	From Detail		16,679
21			6			50,061
22	General C&I		8,181	From Detail		7,829,596
23	E40 Storage Cooling G02		9	From Detail		68,032
24			8,190			7,897,628

Xfmr_Detail
12-16

Transformer Cost Allocation to Rate Classes

Line	Transformer	Rate Code	Total Customers	% Customers on Transformer	Transformer Total Cost	Allocated Transformer Cost
1	OH_1_10	A16	9,733	88.659%	4,230,971	3,751,142
2	OH_1_10	A60	190	1.731%	4,230,971	73,227
3	OH_1_10	C06	979	8.918%	4,230,971	377,311
4	OH_1_10	C08	15	0.137%	4,230,971	5,781
5	OH_1_10	G02	23	0.210%	4,230,971	8,864
6	OH_1_10	G32	7	0.064%	4,230,971	2,698
7	OH_1_100	A16	1,076	68.448%	249,358	170,680
8	OH_1_100	A60	61	3.880%	249,358	9,676
9	OH_1_100	C06	376	23.919%	249,358	59,643
10	OH_1_100	C08	1	0.064%	249,358	159
11	OH_1_100	G02	51	3.244%	249,358	8,090
12	OH_1_167	A16	59	95.161%	9,405	8,950
13	OH_1_167	A60	1	1.613%	9,405	152
14	OH_1_167	C06	2	3.226%	9,405	303
15	OH_1_25	A16	182,035	91.154%	24,451,186	22,288,179
16	OH_1_25	A60	5,495	2.752%	24,451,186	672,802
17	OH_1_25	B32	1	0.001%	24,451,186	122
18	OH_1_25	C06	11,260	5.638%	24,451,186	1,378,663
19	OH_1_25	C08	94	0.047%	24,451,186	11,509
20	OH_1_25	G02	513	0.257%	24,451,186	62,811
21	OH_1_25	G32	32	0.016%	24,451,186	3,918
22	OH_1_25	G62	1	0.001%	24,451,186	122
23	OH_1_50	A16	147,168	87.427%	14,100,318	12,327,517
24	OH_1_50	A60	6,821	4.052%	14,100,318	571,361
25	OH_1_50	C06	13,127	7.798%	14,100,318	1,099,582
26	OH_1_50	C08	58	0.034%	14,100,318	4,858
27	OH_1_50	G02	952	0.566%	14,100,318	79,744
28	OH_1_50	G32	13	0.008%	14,100,318	1,089
29	OH_1_50	G62	1	0.001%	14,100,318	84
30	OH_1_667	A16	19	86.364%	51,470	44,451
31	OH_1_667	C06	3	13.636%	51,470	7,019
32	OH_1_75	A16	559	80.201%	85,055	68,215
33	OH_1_75	A60	36	5.165%	85,055	4,393
34	OH_1_75	C06	86	12.339%	85,055	10,495

Xfmr_Detail
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Transformer Cost Allocation to Rate Classes

Line	Transformer	Rate Code	Total Customers	% Customers on Transformer	Transformer Total Cost	Allocated Transformer Cost
35	OH_1_75	G02	12	1.722%	85,055	1,464
36	OH_3_1000	C06	9	24.324%	484,434	117,835
37	OH_3_1000	G02	12	32.432%	484,434	157,114
38	OH_3_1000	G32	16	43.243%	484,434	209,485
39	OH_3_150	A16	2,115	30.555%	5,927,870	1,811,246
40	OH_3_150	A60	115	1.661%	5,927,870	98,484
41	OH_3_150	C06	3,320	47.963%	5,927,870	2,843,185
42	OH_3_150	C08	6	0.087%	5,927,870	5,138
43	OH_3_150	E40	1	0.014%	5,927,870	856
44	OH_3_150	G02	1,313	18.969%	5,927,870	1,124,428
45	OH_3_150	G32	15	0.217%	5,927,870	12,846
46	OH_3_1500	C06	8	25.000%	554,836	138,709
47	OH_3_1500	G02	8	25.000%	554,836	138,709
48	OH_3_1500	G32	16	50.000%	554,836	277,418
49	OH_3_2000	C06	3	20.000%	310,292	62,058
50	OH_3_2000	G02	2	13.333%	310,292	41,372
51	OH_3_2000	G32	10	66.667%	310,292	206,862
52	OH_3_30	A16	438	27.810%	1,757,142	488,653
53	OH_3_30	A60	22	1.397%	1,757,142	24,544
54	OH_3_30	C06	865	54.921%	1,757,142	965,034
55	OH_3_30	C08	8	0.508%	1,757,142	8,925
56	OH_3_30	G02	211	13.397%	1,757,142	235,401
57	OH_3_30	G32	15	0.952%	1,757,142	16,735
58	OH_3_300	A16	208	23.636%	1,857,362	439,013
59	OH_3_300	A60	21	2.386%	1,857,362	44,323
60	OH_3_300	C06	384	43.636%	1,857,362	810,485
61	OH_3_300	C08	1	0.114%	1,857,362	2,111
62	OH_3_300	G02	224	25.455%	1,857,362	472,783
63	OH_3_300	G32	33	3.750%	1,857,362	69,651
64	OH_3_500	A16	105	34.768%	918,512	319,350
65	OH_3_500	C06	83	27.483%	918,512	252,439
66	OH_3_500	E40	1	0.331%	918,512	3,041
67	OH_3_500	G02	70	23.179%	918,512	212,900
68	OH_3_500	G32	41	13.576%	918,512	124,699

Xfmr_Detail
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Transformer Cost Allocation to Rate Classes

Line	Transformer	Rate Code	Total Customers	% Customers on Transformer	Transformer Total Cost	Allocated Transformer Cost
69	OH_3_75	A16	4,658	38.872%	10,326,974	4,014,274
70	OH_3_75	A60	247	2.061%	10,326,974	212,865
71	OH_3_75	C06	5,114	42.677%	10,326,974	4,407,256
72	OH_3_75	C08	18	0.150%	10,326,974	15,512
73	OH_3_75	G02	1,852	15.455%	10,326,974	1,596,057
74	OH_3_75	G32	9	0.075%	10,326,974	7,756
75	OH_3_750	C06	5	19.231%	234,835	45,161
76	OH_3_750	G02	9	34.615%	234,835	81,289
77	OH_3_750	G32	12	46.154%	234,835	108,385
78	UG_1_100	A16	1,948	88.145%	633,214	558,146
79	UG_1_100	A60	34	1.538%	633,214	9,742
80	UG_1_100	C06	202	9.140%	633,214	57,878
81	UG_1_100	C08	2	0.090%	633,214	573
82	UG_1_100	G02	23	1.041%	633,214	6,590
83	UG_1_167	A16	118	55.140%	101,892	56,184
84	UG_1_167	A60	1	0.467%	101,892	476
85	UG_1_167	C06	76	35.514%	101,892	36,186
86	UG_1_167	C08	5	2.336%	101,892	2,381
87	UG_1_167	G02	13	6.075%	101,892	6,190
88	UG_1_167	G32	1	0.467%	101,892	476
89	UG_1_25	A16	10,382	96.460%	5,391,856	5,200,990
90	UG_1_25	A60	62	0.576%	5,391,856	31,060
91	UG_1_25	C06	293	2.722%	5,391,856	146,782
92	UG_1_25	C08	4	0.037%	5,391,856	2,004
93	UG_1_25	G02	14	0.130%	5,391,856	7,013
94	UG_1_25	G32	1	0.009%	5,391,856	501
95	UG_1_250	A16	24	100.000%	17,517	17,517
96	UG_1_50	A16	12,277	93.304%	5,211,741	4,862,786
97	UG_1_50	A60	184	1.398%	5,211,741	72,880
98	UG_1_50	C06	592	4.499%	5,211,741	234,485
99	UG_1_50	C08	4	0.030%	5,211,741	1,584
100	UG_1_50	G02	79	0.600%	5,211,741	31,291
101	UG_1_50	G32	2	0.015%	5,211,741	792
102	UG_1_500	A16	37	60.656%	72,029	43,690

Xfmr_Detail
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Transformer Cost Allocation to Rate Classes

Line	Transformer	Rate Code	Total Customers	% Customers on Transformer	Transformer Total Cost	Allocated Transformer Cost
103	UG_1_500	C06	15	24.590%	72,029	17,712
104	UG_1_500	G02	8	13.115%	72,029	9,446
105	UG_3_1000	A16	443	47.532%	3,020,819	1,435,861
106	UG_3_1000	C06	254	27.253%	3,020,819	823,270
107	UG_3_1000	C08	4	0.429%	3,020,819	12,965
108	UG_3_1000	E40	1	0.107%	3,020,819	3,241
109	UG_3_1000	G02	97	10.408%	3,020,819	314,399
110	UG_3_1000	G32	125	13.412%	3,020,819	405,153
111	UG_3_1000	G62	1	0.107%	3,020,819	3,241
112	UG_3_150	A16	8,179	70.044%	8,055,556	5,642,407
113	UG_3_150	A60	539	4.616%	8,055,556	371,837
114	UG_3_150	C06	2,070	17.727%	8,055,556	1,428,021
115	UG_3_150	C08	8	0.069%	8,055,556	5,519
116	UG_3_150	G02	798	6.834%	8,055,556	550,512
117	UG_3_150	G32	11	0.094%	8,055,556	7,589
118	UG_3_1500	A16	6	3.614%	2,022,629	73,107
119	UG_3_1500	C06	49	29.518%	2,022,629	597,041
120	UG_3_1500	C08	1	0.602%	2,022,629	12,185
121	UG_3_1500	E40	2	1.205%	2,022,629	24,369
122	UG_3_1500	G02	40	24.096%	2,022,629	487,380
123	UG_3_1500	G32	66	39.759%	2,022,629	804,178
124	UG_3_1500	G62	1	0.602%	2,022,629	12,185
125	UG_3_2000	C06	1	5.882%	488,423	28,731
126	UG_3_2000	G02	3	17.647%	488,423	86,192
127	UG_3_2000	G32	13	76.471%	488,423	373,500
128	UG_3_2500	B62	1	3.125%	1,068,224	33,382
129	UG_3_2500	C08	1	3.125%	1,068,224	33,382
130	UG_3_2500	E40	1	3.125%	1,068,224	33,382
131	UG_3_2500	G02	5	15.625%	1,068,224	166,910
132	UG_3_2500	G32	24	75.000%	1,068,224	801,168
133	UG_3_300	A16	6,042	62.090%	8,655,374	5,374,141
134	UG_3_300	A60	319	3.278%	8,655,374	283,739
135	UG_3_300	C06	2,266	23.286%	8,655,374	2,015,525
136	UG_3_300	C08	11	0.113%	8,655,374	9,784

Xfmr_Detail
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Transformer Cost Allocation to Rate Classes

Line	Transformer	Rate Code	Total Customers	% Customers on Transformer	Transformer Total Cost	Allocated Transformer Cost
137	UG_3_300	G02	927	9.526%	8,655,374	824,533
138	UG_3_300	G32	102	1.048%	8,655,374	90,725
139	UG_3_500	A16	4,007	61.073%	6,872,115	4,197,007
140	UG_3_500	A60	266	4.054%	6,872,115	278,613
141	UG_3_500	C06	1,493	22.756%	6,872,115	1,563,796
142	UG_3_500	C08	24	0.366%	6,872,115	25,138
143	UG_3_500	E40	3	0.046%	6,872,115	3,142
144	UG_3_500	G02	534	8.139%	6,872,115	559,322
145	UG_3_500	G32	209	3.185%	6,872,115	218,911
146	UG_3_500	G62	1	0.015%	6,872,115	1,047
147	UG_3_75	A16	3,568	80.324%	2,773,455	2,227,755
148	UG_3_75	A60	181	4.075%	2,773,455	113,011
149	UG_3_75	C06	500	11.256%	2,773,455	312,185
150	UG_3_75	C08	4	0.090%	2,773,455	2,497
151	UG_3_75	G02	153	3.444%	2,773,455	95,529
152	UG_3_75	G32	2	0.045%	2,773,455	1,249
153	UG_3_750	A16	1,274	60.696%	4,137,797	2,511,459
154	UG_3_750	A60	37	1.763%	4,137,797	72,939
155	UG_3_750	C06	305	14.531%	4,137,797	601,252
156	UG_3_750	C08	6	0.286%	4,137,797	11,828
157	UG_3_750	G02	235	11.196%	4,137,797	463,260
158	UG_3_750	G32	227	10.815%	4,137,797	447,489
			464,324			113,631,803

Xfmr_Cost
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Transformer Unit Costs

Line	Transformer Type	Number	Total Cost	Average Cost	kVA Rating	Average Cost Per kVA
1	OH_1_10	6,353	4,230,971	$666	10	$67
2	OH_1_100	120	249,358	$2,078	100	$21
3	OH_1_167	3	9,405	$3,135	167	$19
4	OH_1_25	30,076	24,451,186	$813	25	$33
5	OH_1_50	11,692	14,100,318	$1,206	50	$24
6	OH_1_667	5	51,470	$10,294	667	$15
7	OH_1_75	48	85,055	$1,772	75	$24
8	OH_3_1000	22	484,434	$22,020	1,000	$22
9	OH_3_150	1,639	5,927,870	$3,617	150	$24
10	OH_3_1500	21	554,836	$26,421	1,500	$18
11	OH_3_2000	14	310,292	$22,164	2,000	$11
12	OH_3_30	900	1,757,142	$1,952	30	$65
13	OH_3_300	298	1,857,362	$6,233	300	$21
14	OH_3_500	108	918,512	$8,505	500	$17
15	OH_3_75	4,013	10,326,974	$2,573	75	$34
16	OH_3_750	20	234,835	$11,742	750	$16
17	UG_1_100	182	633,214	$3,479	100	$35
18	UG_1_167	22	101,892	$4,631	167	$28
19	UG_1_25	2,422	5,391,856	$2,226	25	$89
20	UG_1_250	4	17,517	$4,379	250	$18
21	UG_1_50	2,059	5,211,741	$2,531	50	$51
22	UG_1_500	9	72,029	$8,003	500	$16
23	UG_3_1000	189	3,020,819	$15,983	1,000	$16
24	UG_3_150	1,198	8,055,556	$6,724	150	$45
25	UG_3_1500	103	2,022,629	$19,637	1,500	$13
26	UG_3_2000	20	488,423	$24,421	2,000	$12
27	UG_3_2500	38	1,068,224	$28,111	2,500	$11
28	UG_3_300	1,009	8,655,374	$8,578	300	$29
29	UG_3_3000	3	93,463	$31,154	3,000	$10
30	UG_3_500	615	6,872,115	$11,174	500	$22
31	UG_3_75	474	2,773,455	$5,851	75	$78
32	UG_3_750	312	4,137,797	$13,262	750	$18
33		63,991	114,166,123	$315,337	20,266	$16

Services
18-19

Services Costs

Line	Rate Class	Includes	Services / Customers	Average Bills	Average Services Cost	Total Services Cost
1	Residential	A16-A60	411,286	418,271	$333	136,880,355
2	Small C&I	C06-R2	44,619	43,968	$396	17,679,780
3	General C&I	G02-E40	8,191	6,574	$410	3,356,430
4	200 kW Demand	B32-G32	1,005	1,179	$185	185,925
5	3000 kW Demand	B62-G62	6	11	$185	1,110
6	Lighting	S10-S14	0	3,377		0
7	Propulsion	X01	1	1		0
8			465,108	473,381		158,103,601
9	A16	A16 - B	26,759		$274	7,331,966
10	A16	A16 - C	340,666		$327	111,397,782
11	A16	A16 - D	21,546		$394	8,497,742
12	A16	A16 - E	7,524		$623	4,687,452
13	A16	A16 - None	147		-	0
14	A16	A60 - B	403		$274	110,422
15	A16	A60 - C	12,604		$327	4,121,508
16	A16	A60 - D	1,220		$394	481,168
17	A16	A60 - E	405		$623	252,315
18	G32	B32 - A	1		$185	185
19	G62	B62 - A	1		$185	185
20	C06	C06 - B	1,310		$274	358,940
21	C06	C06 - C	25,833		$327	8,447,391
22	C06	C06 - D	6,806		$394	2,684,286
23	C06	C06 - E	9,791		$623	6,099,793
24	C06	C06 - None	66		-	0
25	C06	C08 - A	75		$185	13,875
26	C06	C08 - C	168		$327	54,936
27	C06	C08 - E	33	44,619	$623	20,559
28	A16	E30 - None	12		-	0
29	G02	E40 - A	9		$185	1,665
30	G02	G02 - A	2,929		$185	541,865
30	G02	G02 - C	1,551		$327	507,177
31	G02	G02 - E	3,701		$623	2,305,723
32	G02	G02 - None	1		-	0
33	G32	G32 - A	1,004		$185	185,740
34	G62	G62 - A	5		$185	925
35	M01	M01 - None	2		-	0
36	C06	R02 - None	537		-	0
37	X01	X01 - None	1		-	0
38	XXX	XXX - None	96		-	0
39	ZZZ	ZZZ - None	133		-	0
			465,339			158,103,601

Services
18-19

Services Costs by Service Type

33	A	Underground Service connections in Padmount (Res./Com.)	185	Tighten only	100%	$185
34						
35	B	Underground Service connectors only (Residential)	274	3-500 MCM C	85%	$258
36		Underground Service connections in Padmount (Res./Com.)		Tighten only	10%	$185
37		Underground Service with connections (Residential Conventional)		70' of 1/0 3/C	5%	$724
38		*Splits are a best guess based on engineering review		Composite Cost		$274
39						
40	C	Overhead Service with connections (Residential)	327	65' of #2 3/C	100%	$327
41						
42	D	Underground Service connectors only (Commercial)	394	4-500 MCM C	85%	$344
43		Underground Service connections in Padmount (Res./Com.)		Tighten only	10%	$185
44		Underground Service with connections (Commercial Conventional)		65' of 4/0 4/C	5%	$1,670
45		*Splits are a best guess based on engineering review		Composite Cost		$394
46						
47	E	Overhead Service with connections (Commercial)	623	60' of 1/0 4/C	100%	$623
48						
49	F	Primary metered service with no secondary related cost	0		100%	$0
50						
51	None		0			

52
53 Splits between different service drop types within each rate code based on GIS transformer type and premise rate code
54 information within the Smallworld GIS (via ArcSDE) as of 03/02/2009
55

56	**Reference #**	**Service Type Description**		**Installed Cost**
57	1	Overhead Service with connections (Residential)	Single Phase	327
58	2	Overhead Service with connections (Commercial)	Three Phase	$623
59	3	Underground Service with connections (Residential Conventional)	Single Phase	724
60	4	Underground Service with connections (Commercial Conventional)	Three Phase	$1,670
61	5	Underground Service connectors only (Residential)	Single Phase	258
62	6	Underground Service connectors only (Commercial)	Three Phase	$344
63	7	Underground Service connections in Padmount (Res./Com.)	Three Phase	185

Meters
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Meter Costs

Line	Rate Class	Includes	Meter Count	Total Cost	Unit Costs (a) Average Meter Cost	kVA Meter Cost	Instr. Transf. Cost	Total Meter Cost	Customers	Extended Cost
1	Residential	A16-A60	441,304	25,559,377	57.92		1.22	59.14	411,286	24,321,588
2	Small C&I	C06-R2	48,516	5,438,276	112.09		20.18	132.27	44,619	5,901,825
3	General C&I	G02-E40	8,776	2,415,185	275.20	18.54	216.91	510.65	8,191	4,182,764
4	200 kW Demand	B32-G32	1,106	818,281	739.86		572.86	1,312.71	1,005	1,319,276
5	3000 kW Demand	B62-G62	15	11,162	744.16		381.90	1,126.07	6	6,756
6	Lighting	S10-S14	0	0				0.00	0	0
7	Propulsion	X01	0	0				0.00	1	0
8			499,717	34,242,281	68.52			38,464,251	465,108	35,732,210

(a) Average costs represent total dollars for the class divided by th enumber of meters. See 'Meter Detail' for unit costs.

Meter_Detail
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Meter Details

Line	Rate Class	Rate Class COS	Meter Type	Meter Class	Meter Code	Meters	Unit Cost	Total Cost
1	A16	A16	A11-A52	1	Res AMR	386,865	58.14	22,491,751
2	A60	A16	A11-A52	1	Res NonAMR	30,947	22.83	706,638
3	C06	C06	A11-A52	1	Res Avg	30,714	64.40	1,977,865
4	G02	G02	A11-A52	1	Res Avg	12	64.40	773
5	A16	A16	B60-B72	1	Res AMR	101	58.14	5,872
6	A60	A16	B60-B72	1	Res TOU	31	112.22	3,479
7	C06	C06	B60-B72	1	Res Avg	192	64.40	12,364
8	G02	G02	B60-B72	1	Res Avg	75	64.40	4,830
9	A16	A16	B19-B21	2	NonTOU-2	30	91.94	2,758
10	A60	A16	B19-B21	2	NonTOU-2	1	91.94	92
11	C06	C06	B19-B21	2	NonTOU-2	309	91.94	28,408
12	G02	G02	B19-B21	2	NonTOU-2	1,544	91.94	141,949
13	A16	A16	C33-C41	3	3Ph4W SC Avg	464	233.90	108,531
14	A60	A16	C33-C41	3	3Ph4W SC Avg	804	233.90	188,059
15	C06	C06	C33-C41	3	3Ph4W SC Avg	5,484	233.90	1,282,729
16	G02	G02	C33-C41	3	3Ph4W SC Dem	2	317.72	635
17	A16	A16	D33-D41	3	3Ph4W SC Avg	37	233.90	8,654
18	A60	A16	D33-D41	3	3Ph4W SC Avg	1	233.90	234
19	C06	C06	D33-D41	3	3Ph4W SC Avg	2,876	233.90	672,707
20	G02	G02	D33-D41	3	3Ph4W SC Dem	3,149	317.72	1,000,502
21	A16	A16	D61-D78	3	3Ph4W SC Avg	201	233.90	47,015
22	A60	A16	D61-D78	3	3Ph4W SC Avg	5	233.90	1,170
23	C06	C06	D61-D78	3	3Ph4W SC Avg	329	233.90	76,954
24	G02	G02	D61-D78	3	3Ph4W SC Dem	328	317.72	104,212
25	A16	A16	F02-F14	4	3Ph 4Wire IT Avg	118	311.11	36,711
26	A60	A16	F02-F14	4	3Ph 4Wire IT NonTOU	802	136.09	109,143
27	C06	C06	F02-F14	4	3Ph 4Wire IT Avg	852	311.11	265,062
28	G02	G02	F02-F14	4	3Ph 4Wire IT Dem	282	317.73	89,600
29	A16	A16	G02-G25	4	3Ph 4Wire IT Avg	5	311.11	1,556
30	A60	A16	G02-G25	4	3Ph 4Wire IT NonTOU	1	136.09	136
31	C06	C06	G02-G25	4	3Ph 4Wire IT Avg	793	311.11	246,707
32	G02	G02	G02-G25	4	3Ph 4Wire IT Dem	2,677	317.73	850,566
33	A16	A16	G60-G75	4	3Ph 4Wire IT Avg	8	311.11	2,489
34	A60	A16	G60-G75	4	3Ph 4Wire IT NonTOU	4	136.09	544
35	C06	C06	G60-G75	4	3Ph 4Wire IT Avg	48	311.11	14,933
36	G02	G02	G60-G75	4	3Ph 4Wire IT Dem	235	317.73	74,667
37	G32	G32	G60-G75	4	3Ph 4Wire IT TOU	18	479.50	8,631
38	B62	G62	H78	6	3Ph 4Wire Complex	5	744.16	3,721

Meter_Detail
21-22

Meter Details

Line	Rate Class	Rate Class COS	Meter Type	Meter Class	Meter Code	Meters	Unit Cost	Total Cost
39	C06	C06	H78	6	3Ph 4Wire Complex	16	744.16	11,907
40	E40	G02	H78	6	3Ph 4Wire Complex	9	744.16	6,697
41	G02	G02	H78	6	3Ph 4Wire Complex	129	744.16	95,997
42	G32	G32	H78	6	3Ph 4Wire Complex	1,088	744.16	809,650
43	G62	G62	H78	6	3Ph 4Wire Complex	10	744.16	7,442
44	A16	A16	C01-C24	5	Network	17,870	88.34	1,578,718
45	A60	A16	C01-C24	5	Network	3,000	88.34	265,034
46	C06	C06	C01-C24	5	Network Avg	6,531	122.94	802,906
47	G02	G02	C01-C24	5	Network Dem	5	134.00	670
48	G32	G32	C01-C24	5	Network Avg		122.94	0
49	A16	A16	D01-D24	5	Network	9	88.34	795
50	C06	C06	D01-D24	5	Network Avg	372	122.94	45,733
51	G02	G02	D01-D24	5	Network Dem	329	134.00	44,086
52	G32	G32	D01-D24	5	Network Avg		122.94	0
53						499,717	68.52	34,242,281
54								
55	G02	G02	kVA		kVA	523	311.11	162,708
56						523		162,708
57								
58	A16	A16	Instr Xfmr		Instr Xfmr	131	572.86	75,044
59	A60	A16	Instr Xfmr		Instr Xfmr	807	572.86	462,295
60	B62	G62	Instr Xfmr		Instr Xfmr	5	572.86	2,864
61	C06	C06	Instr Xfmr		Instr Xfmr	1,709	572.86	979,012
62	E40	G02	Instr Xfmr		Instr Xfmr	9	572.86	5,156
63	G02	G02	Instr Xfmr		Instr Xfmr	3,323	572.86	1,903,602
64	G32	G32	Instr Xfmr		Instr Xfmr	1,106	572.86	633,579
65	G62	G62	Instr Xfmr		Instr Xfmr	10	572.86	5,729
						7,100		4,067,282

CustDep

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Customer Deposits

Line	Activity	Total	Residential A16/A60	Small C&I C06	General C&I G02
1	Narragansett Electric Company	898,828	6,547	427,932	428,508
2		898,828	6,547	427,932	428,508

Source: Customer Service System - Actual Data for 2008

Acct903
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Customer Records and Accounting- Account 903

Line	Activity	Total 2008	Allocator	Total	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16/A60	C06	G02	B32 / G32	B62 / G62	S10 / S14	X01
1	Credit & Collections	2,845,969	Write-offs	2,845,969	2,235,344	216,630	222,251	170,788	-	955	0
2	Credit & Collections-Rent-Elim	15,574	Write-offs	15,574	12,233	1,185	1,216	935	-	5	0
3	Mailing - Customer Service	2,793,380	Bills	2,793,380	2,466,624	258,270	41,226	7,199	73	19,983	6
4	Respond to Customer Calls/Inqu	2,604,762	Customers	2,604,762	2,303,341	249,881	45,872	5,628	34	-	6
5	Call Center-Rent-Elim	244,272	Customers	244,272	216,005	23,434	4,302	528	3	-	1
6	Customer Billing	2,089,782	Bills	2,089,782	1,845,330	193,217	30,842	5,386	55	14,949	4
7	Customer Billing-Rent-Elim	17,378	Bills	17,378	15,345	1,607	256	45	0	124	0
8	Service Guarantees	40,107	Customers	40,107	35,466	3,848	706	87	1	-	0
9		10,651,224		10,651,224	9,129,687	948,072	346,672	190,595	165	36,017	17
10	Acct903 Allocator			100.00%	85.71%	8.90%	3.25%	1.79%	0.00%	0.34%	0.00%

Acct908
25

Customer Assistance Expense- Account 908

Line	Activity	Total 2008	Allocator	Total	Residential A16/A60	Small C&I C06	General C&I G02	200 kW Demand B32 / G32	3000 kW Demand B62 / G62	Lighting S10 / S14	Propulsion X01
1	Commercial & Industrial Custom	706,413	Customers-CI	706,413	-	585,624	107,507	13,191	79	-	13
2	Community Relations	189,164	Customers	189,164	167,274	18,147	3,331	409	2	-	0
3	Customer Communications	52,857	Customers	52,857	46,740	5,071	931	114	1	-	0
4	IS Support Customer Assistance	545,376	Customers	545,376	482,265	52,319	9,605	1,178	7	-	1
5	Provide Load Research & Analys	29,461	Customers-CI	29,461	-	24,423	4,484	550	3	-	1
6	Retail Access Services	56,634	MWh-Meter	56,634	22,450	4,083	10,138	15,088	4,178	505	192
7		1,579,905		1,579,905	718,730	689,667	135,995	30,530	4,271	505	207
8	DSM Costs- Removed	14,014,402									
9		15,594,307									
10	Acct908 Allocator			100.00%	45.49%	43.65%	8.61%	1.93%	0.27%	0.03%	0.01%

Acct910
26

Customer Service- Miscellaneous Expenses- Account 910

Line	Activity	Total 2008	Allocator	Total	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
					A16/A60	C06	G02	B32 / G32	B62 / G62	S10 / S14	X01
1	Customer Service Retail Market	471,799	MWh-Meter	471,799	187,022	34,012	84,453	125,695	34,810	4,210	1,597
2	IS Development - Customer Serv	386,993	Bills	386,993	341,724	35,781	5,711	997	10	2,768	1
3	IS Support - Customer Service	1,468,167	Bills	1,468,167	1,296,428	135,744	21,668	3,784	38	10,503	3
4	Economic Development Program	1,000,000	MWh-CI	1,000,000	-	121,921	302,733	450,567	124,779	-	-
5		3,326,959		3,326,959	1,825,174	327,457	414,565	581,043	159,637	17,481	1,601
6	Acct910 Allocator			100.00%	54.86%	9.84%	12.46%	17.46%	4.80%	0.53%	0.05%

WOffs
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Write-Offs

Line	Rate Class	Includes	Normalized Revenue		Delivery Net Write-Offs		Commodity Net Write-Offs	
1	Residential	A16-A60	113,105,349	52.5%	3,641,001	80.4%	6,092,916	77.5%
2	Small C&I	C06-R2	23,236,609	10.8%	382,363	8.4%	560,964	7.1%
3	General C&I	G02-E40	31,707,493	14.7%	309,698	6.8%	658,105	8.4%
4	200 kW Demand	B32-G32	33,256,314	15.4%	195,358	4.3%	548,348	7.0%
5	3000 kW Demand	B62-G62	5,080,288	2.4%		0.0%		0.0%
6	Lighting	S10-S14	8,834,018	4.1%	2,607	0.1%	1,552	0.0%
7	Propulsion	X01	200,918	0.1%	1	0.0%	1	0.0%
8			215,420,989	100.0%	4,531,028	100.0%	7,861,886	100.0%

Demand
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Schedules for Demand Allocators

Line	Schedule	Title	Allocator Values
	Demand-1	Test Year 2008 Class Contributions to 12 CP	
	Demand-2	Test Year 2008 Class Contributions to 12 CP at Voltage Levels	12CP_at_115 12CP_at_Pri 12CP_at_Sec
	Demand-3	Test Year 2008 Class NCP	
	Demand-4	Test Year 2008 Class NCP at Voltage Levels	NCP_at_115 NCP_at_Pri NCP_at_Sec
	Demand-5	Test Year 2008 MWh Sales at Voltage Levels	MWh-Gen MWh-Meter

Demand-1
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Test Year 2008 Class Contributions to 12 CP

Line	Rate Class	Includes	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	12 CP = Average
1	Residential	A16-A60	632,267	585,656	470,015	446,199	266,520	732,510	751,947	681,501	502,036	471,465	504,538	608,898	554,463
2	Small C&I	C06-R2	85,013	81,962	66,430	57,099	99,637	155,156	144,319	147,073	148,820	63,397	82,956	85,736	101,467
3	General C&I	G02-E40	196,555	205,427	181,579	185,318	226,659	310,623	292,700	276,913	280,992	170,315	188,114	186,373	225,131
4	200 kW Demand	B32-G32	278,847	302,818	256,249	290,461	351,909	389,524	350,233	340,087	381,305	223,098	271,615	242,556	306,559
5	3000 kW Demanc	B62-G62	51,787	65,326	60,743	57,079	82,671	110,143	84,364	92,716	95,050	83,597	64,225	81,524	77,435
6	Lighting	S10-S14	16,347	16,347	16,347	107	107	107	107	107	107	16,347	16,347	16,347	8,227
7	Propulsion	X01	13,378	5,335	5,796	5,817	7,279	5,883	2,512	3,744	5,458	7,172	6,480	6,725	6,298
8	**Total**		**1,274,194**	**1,262,871**	**1,057,159**	**1,042,080**	**1,034,782**	**1,703,946**	**1,626,182**	**1,542,141**	**1,413,768**	**1,035,391**	**1,134,275**	**1,228,159**	**1,279,579**
9	Residential	A16-A60	630,106	583,450	468,497	444,742	265,733	731,350	750,860	680,496	500,910	470,141	502,528	606,735	
10	Storage Heating	E30	404	372	230	222	102	185	168	146	134	197	314	403	
11	Residential TOU	T6	1,757	1,834	1,288	1,235	685	975	919	859	992	1,127	1,696	1,760	
12			632,267	585,656	470,015	446,199	266,520	732,510	751,947	681,501	502,036	471,465	504,538	608,898	
13	Commercial	C06	83,167	80,157	64,935	55,698	98,567	154,026	143,048	145,830	147,515	61,873	81,203	83,936	
14	Commercial TOU	T8	1,318	1,277	967	873	542	602	743	715	777	996	1,225	1,272	
15	Traffic Signals	R02	528	528	528	528	528	528	528	528	528	528	528	528	
16			85,013	81,962	66,430	57,099	99,637	155,156	144,319	147,073	148,820	63,397	82,956	85,736	
17	Storage Cooling	E40	62	66	40	63	1,027	1,051	1,387	1,075	741	166	50	13	
18	General C&I	G02	196,493	205,361	181,539	185,255	225,632	309,572	291,313	275,838	280,251	170,149	188,064	186,360	
19			196,555	205,427	181,579	185,318	226,659	310,623	292,700	276,913	280,992	170,315	188,114	186,373	
20	Backup 200 kW	B32	849	820	468	714	1,082	752	2,474	1,696	1,573	712	751	837	
21	200 kW Demand	G32	277,998	301,998	255,781	289,747	350,827	388,772	347,759	338,391	379,732	222,386	270,864	241,719	
22			278,847	302,818	256,249	290,461	351,909	389,524	350,233	340,087	381,305	223,098	271,615	242,556	
23	Backup 3000 kW	B62	15,825	16,625	16,306	17,413	20,055	22,068	22,496	17,351	19,322	27,859	17,203	20,080	
24	3000 kW Demanc	G62	35,962	48,701	44,437	39,666	62,616	88,075	61,868	75,365	75,728	55,738	47,022	61,444	
25			51,787	65,326	60,743	57,079	82,671	110,143	84,364	92,716	95,050	83,597	64,225	81,524	

Demand-2
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Test Year 2008 Class Contributions to 12 CP at Voltage Levels

Line	Rate Class	Includes	1 Test Year 12 CP at Customer	2 % at 115 kV	3 % at Primary	4 % at Secondary	5 Test Year 12 CP at Secondary	8 Test Year 12 CP at Primary Before Losses	10 Test Year 12 CP at 115kV Before Losses
1	Residential	A16-A60	554,463			100%	554,463	582,629	604,653
2	Small C&I	C06-R2	101,467			100%	101,467	106,621	110,651
3	General C&I	G02-E40	225,131		1%	99%	222,879	236,453	245,391
4	200 kW Demand	B32-G32	306,559		100%	0%	0	306,559	318,146
5	3000 kW Demand	B62-G62	77,435		100%	0%	0	77,435	80,362
6	Lighting	S10-S14	8,227			100%	8,227	8,645	8,972
7	Propulsion	X01	6,298		100%	0%	0	6,298	6,536
8	**Total**		**1,279,579**				**887,036**	**1,324,640**	**1,374,712**

		7	9
9	Loss Multipliers	1.0508	1.0378

Demand-3
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Test Year 2008 Class NCP

Line	Rate Class	Includes	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Class NCP
1	Residential	A16-A60	632,366	594,479	491,604	446,399	434,255	805,741	812,042	720,096	591,989	505,877	526,231	662,981	812,042
2	Small C&I	C06-R2	122,980	123,565	113,663	106,663	106,875	155,185	152,154	151,720	150,219	109,363	113,102	113,757	155,185
3	General C&I	G02-E40	233,680	256,978	226,979	257,773	229,789	314,263	313,013	287,919	287,738	226,963	222,191	218,794	314,263
4	200 kW Demand	B32-G32	328,169	357,562	314,628	392,222	357,230	400,358	382,975	368,006	393,652	293,008	315,846	281,109	400,358
5	3000 kW Demand	B62-G62	64,658	78,922	72,683	76,199	88,035	118,311	93,265	96,580	99,683	106,693	77,132	92,573	118,311
6	Lighting	S10-S14	16,347	16,347	16,347	16,347	107	107	107	16,347	16,347	16,347	16,347	16,347	16,347
7	Propulsion	X01	13,378	8,978	8,791	9,267	8,618	8,625	11,722	8,568	8,632	9,267	12,067	7,905	13,378
8	**Total**		**1,411,578**	**1,436,831**	**1,244,695**	**1,304,870**	**1,224,909**	**1,802,590**	**1,765,278**	**1,649,236**	**1,548,260**	**1,267,518**	**1,282,916**	**1,393,466**	**1,829,884**
9	Residential	A16-A6	630,106	591,968	489,792	444,742	432,887	804,485	810,929	719,015	590,817	504,333	524,003	660,759	
10	Storage Heating	E30	449	450	349	273	226	234	175	165	149	265	317	403	
11	Residential TOU	T6	1,811	2,061	1,463	1,384	1,142	1,022	938	916	1,023	1,279	1,911	1,819	
12			632,366	594,479	491,604	446,399	434,255	805,741	812,042	720,096	591,989	505,877	526,231	662,981	
13	Commercial	C06	121,094	121,602	112,036	105,157	105,444	154,026	150,867	150,430	148,889	107,705	111,193	111,915	
14	Commercial TOU	T8	1,358	1,435	1,099	978	903	631	759	762	802	1,130	1,381	1,314	
15	Traffic Signals	R02	528	528	528	528	528	528	528	528	528	528	528	528	
16			122,980	123,565	113,663	106,663	106,875	155,185	152,154	151,720	150,219	109,363	113,102	113,757	
17	Storage Cooling	E40	390	361	267	1,090	1,609	2,420	1,973	1,280	1,246	1,691	889	162	
18	General C&I	G02	233,290	256,617	226,712	256,683	228,180	311,843	311,040	286,639	286,492	225,272	221,302	218,632	
19			233,680	256,978	226,979	257,773	229,789	314,263	313,013	287,919	287,738	226,963	222,191	218,794	
17	Backup 200 kW	B32	1,186	1,359	664	1,228	1,136	752	2,914	1,844	1,598	1,150	1,061	1,168	
18	200 kW Demand	G32	326,983	356,203	313,964	390,994	356,094	399,606	380,061	366,162	392,054	291,858	314,785	279,941	
19			328,169	357,562	314,628	392,222	357,230	400,358	382,975	368,006	393,652	293,008	315,846	281,109	
20	Backup 3000 kW	B62	17,518	19,186	17,993	22,616	23,730	29,340	28,145	18,002	23,650	33,205	23,279	23,896	
21	3000 kW Demand	G62	47,140	59,736	54,690	53,583	64,305	88,971	65,120	78,578	76,033	73,488	53,853	68,677	
22			64,658	78,922	72,683	76,199	88,035	118,311	93,265	96,580	99,683	106,693	77,132	92,573	

Demand-4
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Test Year 2008 Class NCP at Voltage Levels

Line	Rate Class	Includes	1 Test Year Class NCP at Customer	2 % at 115 kV	3 % at Primary	4 % at Secondary	5 Test Year Class NCP at Secondary	8 Test Year Class NCP at Primary Before Losses	10 Test Year Class NCP at 115kV Before Losses
1	Residential	A16-A60	812,042	0%	0%	100%	812,042	853,294	885,548
2	Small C&I	C06-R2	155,185	0%	0%	100%	155,185	163,068	169,232
3	General C&I	G02-E40	314,263	0%	1%	99%	311,120	330,068	342,544
4	200 kW Demand	B32-G32	400,358	0%	100%	0%	0	400,358	415,492
5	3000 kW Demand	B62-G62	118,311	0%	100%	0%	0	118,311	122,783
6	Lighting	S10-S14	16,347	0%	0%	100%	16,347	17,177	17,827
7	Propulsion	X01	13,378	0%	100%	0%	0	13,378	13,884
8	**Total**		**1,829,884**				**1,294,694**	**1,895,654**	**1,967,310**

		7	9
9	Loss Multipliers	1.0508	1.0378

Demand-5
33

Test Year 2008 MWh Sales at Voltage Levels

Line	Rate Class	Includes	1 Test Year MWh Sales at Customer	2 % at 115 kV	3 % at Primary	4 % at Secondary	5 Test Year MWh Sales at Secondary	8 Test Year MWh Sales at Primary Before Losses	10 Test Year MWh Sales at 115kV Before Losses
1	Residential	A16-A60	3,037,613	0%	0%	100%	3,037,613	3,191,924	3,312,579
2	Small C&I	C06-R2	552,429	0%	0%	100%	552,429	580,492	602,435
3	General C&I	G02-E40	1,371,694	0%	1%	99%	1,357,977	1,440,679	1,495,137
4	200 kW Demand	B32-G32	2,041,538	0%	100%	0%	-	2,041,538	2,118,708
5	3000 kW Demand	B62-G62	565,378	0%	100%	0%	-	565,378	586,749
6	Lighting	S10-S14	68,382	0%	0%	100%	68,382	71,855	74,572
7	Propulsion	X01	25,935	0%	100%	0%	-	25,935	26,916
8	**Total**		**7,662,969**				**5,016,400**	**7,917,802**	**8,217,095**

		7	9
9	Loss Multipliers	1.0508	1.0378

Func 364-368 **Functional Splits- NECO**

34-35 **Account 365- Overhead Conductors and Devices**

Circuit Miles

Line	Conductor Rating	From GIS	%	Allocate Unknown	From XXX	Total	% of Overhead	Functional-ization
1	5 kV	1,129.076	11.8%	1,153.341		1,153.341	8.9%	Primary
2	15 kV	7,567.395	79.3%	7,730.027		7,730.027	59.9%	Primary
3	23 kV	630.718	6.6%	644.273		644.273	5.0%	Subtransmission
4	35 kV	213.317	2.2%	217.901		217.901	1.7%	Subtransmission
5	Secondary				3,148.747	3,148.747	24.4%	Secondary
6	Singleplex (in Secondary)				0.159	0.159	0.0%	Primary
7		9,540.506	100.0%	9,745.542	3,148.906	12,894.448	100.0%	
8	Unknown in GIS	205.036						
9								
10	Subtransmission					862.174	6.7%	
11	Primary					8,883.527	68.9%	
12	Secondary					3,148.747	24.4%	
13						12,894.448	100.0%	

14 **Account 364- Poles, Towers and Fixtures**

15 **Overhead Linear Miles**

16	Conductor Rating	From GIS	%	Allocate Unknown	From XXX	Total	% of Overhead	Functional-ization
17	5 kV	564.790	11.2%	573.960		573.960	7.0%	Primary
18	15 kV	4,173.168	83.1%	4,240.928		4,240.928	52.0%	Primary
19	23 kV	210.536	4.2%	213.954		213.954	2.6%	Subtransmission
20	35 kV	76.157	1.5%	77.394		77.394	0.9%	Subtransmission
21	Secondary				3,055.500	3,055.500	37.4%	Secondary
22	Singleplex (in Secondary)					0.000	0.0%	Primary
23		5,024.651	100.0%	5,106.236	3,055.500	8,161.736	100.0%	
24	Unknown in GIS	81.585						
25								
26	Subtransmission					291.348	3.6%	
27	Primary					4,814.888	59.0%	
28	Secondary					3,055.500	37.4%	
29						8,161.736	100.0%	

Func 364-368

Functional Splits- NECO

34-35 **Account 365- Overhead Conductors and Devices**

30 **Account 366- Underground Conduits**

31 **Circuit Miles**

32	Conduit (Conductor) Rating	From GIS	%	Allocate Unknown	From XXX	Total	% of Overhead	Functional-ization
33	5 kV	38.189	11.3%	39.391		39.391	9.8%	Primary
34	15 kV	273.346	80.6%	281.947		281.947	70.1%	Primary
35	23 kV	26.515	7.8%	27.349		27.349	6.8%	Subtransmission
36	35 kV	1.025	0.3%	1.057		1.057	0.3%	Subtransmission
37	Secondary				52.240	52.240	13.0%	Secondary
38	Singleplex (in Secondary)					0.000	0.0%	Primary
39		339.075	100.0%	349.744	52.240	401.984	100.0%	
40	Unknown in GIS	10.669						
41								
42	Subtransmission					28.407	7.1%	
43	Primary					321.337	79.9%	
44	Secondary					52.240	13.0%	
45						401.984	100.0%	

46 **Account 367- Underground Conductors**

47 **Circuit Miles Excluding Neutrals**

48	Conductor Rating	From GIS	%	Allocate Unknown	From XXX	Total	% of Overhead	Functional-ization
49	5 kV	345.267	17.5%	347.128		347.128	15.9%	Primary
50	15 kV	1,467.734	74.3%	1,475.643		1,475.643	67.4%	Primary
51	23 kV	155.337	7.9%	156.174		156.174	7.1%	Subtransmission
52	35 kV	6.652	0.3%	6.688		6.688	0.3%	Subtransmission
53	Secondary				202.568	202.568	9.3%	Secondary
54	Singleplex (in Secondary)					0.000	0.0%	Primary
55		1,974.990	100.0%	1,985.633	202.568	2,188.201	100.0%	
56	Unknown in GIS	10.643						
57								
58	Subtransmission					162.862	7.4%	
59	Primary					1,822.771	83.3%	
60	Secondary					202.568	9.3%	
61						2,188.201	100.0%	

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Schedule NG-HSG-3 (C)
Amended

Schedule NG-HSG-3 (C) - Amended

External and Internal Allocator Values for the ACOSS

External And Internal Allocator Values For The Allocated Class Cost Of Service Study

Line	Schedule Name	Pages
	Functionalization Allocators	2-3
	Classification Allocators	4
	Class Allocation Allocators	5-8

The Narragansett Electric Company
d/b/a National Grid
Docket No. R.I.P.U.C. 4065
Schedule NG-HSG-3
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Narrangansett Electric Company
Rate Year Ended December 31, 2010
Class Cost of Service Study ($000s)
FUNCTIONALIZATION ALLOCATORS

	Functional Allocator	Total	Supply	SubTransmission	Primary Dist	Secondary Dist	Billing
1	SUPPLY	EXT	1	0	0	0	0
2	SUPPLY%	1	100.00%	0.00%	0.00%	0.00%	0.00%
3							
4	SUBT	EXT	0	1	0	0	0
5	SUBT%	1	0.00%	100.00%	0.00%	0.00%	0.00%
6							
7	PRIM	EXT	0	0	1	0	0
8	PRIM%	1	0.00%	0.00%	100.00%	0.00%	0.00%
9							
10	SEC	EXT	0	0	0	1	0
11	SEC%	1	0.00%	0.00%	0.00%	100.00%	0.00%
12							
13	BILL	EXT	0	0	0	0	1
14	BILL%	1	0.00%	0.00%	0.00%	0.00%	100.00%
15							
16	STATIONS	EXT	0.00%	0.00%	100.00%	0.00%	0.00%
17	STATIONS%	1	0.00%	0.00%	100.00%	0.00%	0.00%
18							
19	Func-364	EXT	-	291	4,815	3,056	-
20	Func-364%	8,162	0.00%	3.57%	58.99%	37.44%	0.00%
21							
22	Func-365	EXT	-	862	8,884	3,149	-
23	Func-365%	12,894	0.00%	6.69%	68.89%	24.42%	0.00%
24							
25	Func-366	EXT	-	28	321	52	-
26	Func-366%	402	0.00%	7.07%	79.94%	13.00%	0.00%
27							
28	Func-367	EXT	-	163	1,823	203	-
29	Func-367%	2,188	0.00%	7.44%	83.30%	9.26%	0.00%
30							

Class Cost of Service Study ($000s)
FUNCTIONALIZATION ALLOCATORS

	Functional Allocator	Total	Supply	SubTransmission	Primary Dist	Secondary Dist	Billing
31	OH_Total	INT	0	23,899	286,705	131,723	0
32	OH_Total%	442,327	0.00%	5.40%	64.82%	29.78%	0.00%
33							
34	UG_TOTAL	INT	0	14,295	160,520	20,396	0
35	UG_TOTAL%	195,212	0.00%	7.32%	82.23%	10.45%	0.00%
36							
37	OPEXP	INT	0	11,072	50,265	23,194	40,732
38	OPEXP%	125,263	0.00%	8.84%	40.13%	18.52%	32.52%
39							
40	RevReq_PF	INT	0	15,530	107,788	61,779	47,543
41	RevReq_PF%	232,641	0.00%	6.68%	46.33%	26.56%	20.44%
42							
43	LABOR	INT	0	3,596	11,676	5,253	9,155
44	LABOR%	29,680	0.00%	12.11%	39.34%	17.70%	30.85%
45							
46	Dist-LABOR	INT	0	2,489	8,082	3,637	2,266
47	Dist-LABOR%	16,474	0.00%	15.11%	49.06%	22.07%	13.76%
48							
49	DISTPT	INT	0	38,194	631,869	432,889	49,521
50	DISTPT%	1,152,474	0.00%	3.31%	54.83%	37.56%	4.30%
51							
52	PRETAX	INT	0	813	19,249	13,615	1,667
53	PRETAX%	35,344	0.00%	2.30%	54.46%	38.52%	4.72%
54							
55	RATEBASE	INT	0	20,579	299,214	202,103	28,972
56	RATEBASE%	550,868	0.00%	3.74%	54.32%	36.69%	5.26%
57							
58	PLANT	INT	0	48,217	654,262	442,964	67,080
59	PLANT%	1,212,524	0.00%	3.98%	53.96%	36.53%	5.53%

Narrangansett Electric Company
Rate Year Ended December 31, 2010
Class Cost of Service Study ($000s)

	CLASSIFICATION ALLOCATORS				
	Allocator Name	Total	Demand	Energy	Customer
1	DEMAND	EXT	1	0	0
2	DEMAND%	1	100.00%	0.00%	0.00%
3					
4	ENERGY	EXT	0	1	0
5	ENERGY%	1	0.00%	100.00%	0.00%
6					
7	CUST	EXT	0	0	1
8	CUST%	1	0.00%	0.00%	100.00%
9					
10	SECLABOR	INT	3,617	0	1,637
11	SECLABOR%	5,253	68.84%	0.00%	31.16%
12					
13	SEC-DxLABOR	INT	2,504	0	1,133
14	SEC-DxLABOR%	3,637	68.84%	0.00%	31.16%
15					
16	SECPT	INT	316,207	0	126,757
17	SECPT%	442,964	71.38%	0.00%	28.62%
18					
19	SEC_DiPT	INT	309,271	0	123,618
20	SEC_DiPT%	432,889	71.44%	0.00%	28.56%
21					
22	SEC_RB	INT	144,269	0	57,835
23	SEC_RB%	202,103	71.38%	0.00%	28.62%
24					
25	SEC_EXP	INT	16,443	0	6,751
26	SEC_EXP%	23,194	70.89%	0.00%	29.11%
27					
28	SEC_PreTax	INT	10,130	0	3,484
29	SEC_PreTax%	13,615	74.41%	0.00%	25.59%
30					
31	SEC_RevReq_PF	INT	43,970	0	17,809
32	SEC_RevReq_PF%	61,779	71.17%	0.00%	28.83%

Narrangansett Electric Company
Rate Year Ended December 31, 2010
Class Cost of Service Study ($000s)

	Name	Total	Residential A16 / A60	Small C&I C6	General C&I G2 / E40	200 kW B32 / G32	3000 kW B62 / G62	Lighting S10 / S14	Propulsion X1
			CLASS ALLOCATION ALLOCATORS						
	None	EXT	0	0	0	0	0	0	0
	None%	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1	MWh-Meter	EXT	3,037,613	552,429	1,371,694	2,041,538	565,378	68,382	25,935
2	MWh-Meter%	7,662,969	39.64%	7.21%	17.90%	26.64%	7.38%	0.89%	0.34%
3									
4	MWh-Gen	EXT	3,312,579	602,435	1,495,137	2,118,708	586,749	74,572	26,916
5	MWh-Gen%	8,217,095	40.31%	7.33%	18.20%	25.78%	7.14%	0.91%	0.33%
6									
7	MWh-CI	EXT	-	552,429	1,371,694	2,041,538	565,378	-	-
8	MWh-CI%	4,531,039	0.00%	12.19%	30.27%	45.06%	12.48%	0.00%	0.00%
9									
10	NCP_at_115	EXT	885,548	169,232	342,544	415,492	122,783	17,827	13,884
11	NCP_at_115%	1,967,310	45.01%	8.60%	17.41%	21.12%	6.24%	0.91%	0.71%
12									
13	NCP_at_Pri	EXT	853,294	163,068	330,068	400,358	118,311	17,177	13,378
14	NCP_at_Pri%	1,895,654	45.01%	8.60%	17.41%	21.12%	6.24%	0.91%	0.71%
15									
16	NCP_at_Sec	EXT	812,042	155,185	311,120	0	0	16,347	0
17	NCP_at_Sec%	1,294,694	62.72%	11.99%	24.03%	0.00%	0.00%	1.26%	0.00%
18				10.29%					
19	NCP_P_S	EXT	53.87%	10.29%	20.72%	10.56%	3.12%	1.08%	0.35%
20	NCP_P_S%	100.00%	53.87%	10.29%	20.72%	10.56%	3.12%	1.08%	0.35%
21									
22	Bills	EXT	5,126,632	536,788	85,684	14,962	152	41,532	12
23	Bills%	5,805,762	88.30%	9.25%	1.48%	0.26%	0.00%	0.72%	0.00%
24									
25	Customers	EXT	411,286	44,619	8,191	1,005	6	0	1
26	Customers%	465,108	88.43%	9.59%	1.76%	0.22%	0.00%	0.00%	0.00%
27									
28	Xfmr_Cost	EXT	80,879	20,612	7,898	4,193	50	-	-
29	Xfmr_Cost%	113,632	71.18%	18.14%	6.95%	3.69%	0.04%	0.00%	0.00%
30									
31	Services_Cost	EXT	136,880	17,680	3,356	186	1	-	-
32	Services_Cost%	158,104	86.58%	11.18%	2.12%	0.12%	0.00%	0.00%	0.00%
33									
34	Meter_Cost	EXT	24,322	5,902	4,183	1,319	7	-	-
35	Meter_Cost%	35,732	68.07%	16.52%	11.71%	3.69%	0.02%	0.00%	0.00%
36									
37	Total_Del_Rev	EXT	113,105	23,237	31,707	33,256	5,080	8,834	201
38	Total_Del_Rev%	215,421	52.50%	10.79%	14.72%	15.44%	2.36%	4.10%	0.09%

Class Cost of Service Study ($000s)

CLASS ALLOCATION ALLOCATORS

	Name	Total	Residential A16 / A60	Small C&I C6	General C&I G2 / E40	200 kW B32 / G32	3000 kW B62 / G62	Lighting S10 / S14	Propulsion X1
39									
40	Acct903	EXT	85.71%	8.90%	3.25%	1.79%	0.00%	0.34%	0.00%
41	Acct903%	100.00%	85.71%	8.90%	3.25%	1.79%	0.00%	0.34%	0.00%
42									
43	Write-Offs-Del	EXT	3,641	382	310	195	-	3	0
44	Write-Offs-Del%	4,531	80.36%	8.44%	6.84%	4.31%	0.00%	0.06%	0.00%
45									
46	Write-Offs-Comm	EXT	6,093	561	658	548	-	2	0
47	Write-Offs-Comm%	7,862	77.50%	7.14%	8.37%	6.97%	0.00%	0.02%	0.00%
48									
49	Write-Offs	EXT	9,734	943	968	744	-	4	0
50	Write-Offs%	12,393	78.54%	7.61%	7.81%	6.00%	0.00%	0.03%	0.00%
51									
52	Acct908	EXT	45.49%	43.65%	8.61%	1.93%	0.27%	0.03%	0.01%
53	Acct908%	100.00%	45.49%	43.65%	8.61%	1.93%	0.27%	0.03%	0.01%
54									
55	Acct910	EXT	54.86%	9.84%	12.46%	17.46%	4.80%	0.53%	0.05%
56	Acct910%	100.00%	54.86%	9.84%	12.46%	17.46%	4.80%	0.53%	0.05%
57									
58	CustDep	EXT	0.73%	47.61%	47.67%	3.98%	0.00%	0.01%	0.00%
59	CustDep%	100.00%	0.73%	47.61%	47.67%	3.98%	0.00%	0.01%	0.00%
60									
61	Light-Fixtures	EXT	-	-	-	-	-	6	-
62	Light-Fixtures%	6	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
63									
64	SUBT-LAB-D	INT	1,480	272	649	897	251	33	14
65	SUBT-LAB-D%	3,596	41.16%	7.56%	18.05%	24.94%	6.98%	0.91%	0.40%
66									
67	SUBT-DxLAB-D	INT	1,024	188	449	621	174	23	10
68	SUBT-DxLAB-D%	2,489	41.16%	7.56%	18.05%	24.94%	6.98%	0.91%	0.40%
69									
70	PRI-LAB-D	INT	5,256	1,004	2,033	2,466	729	106	82
71	PRI-LAB-D%	11,676	45.01%	8.60%	17.41%	21.12%	6.24%	0.91%	0.71%
72									

Class Cost of Service Study ($000s)

			CLASS ALLOCATION ALLOCATORS						
	Name	Total	Residential A16 / A60	Small C&I C6	General C&I G2 / E40	200 kW B32 / G32	3000 kW B62 / G62	Lighting S10 / S14	Propulsion X1
73	PRI-DxLAB-D	INT	3,638	695	1,407	1,707	504	73	57
74	PRI-DxLAB-D%	8,082	45.01%	8.60%	17.41%	21.12%	6.24%	0.91%	0.71%
75									
76	SEC-LAB-D	INT	2,252	430	863	20	6	45	1
77	SEC-LAB-D%	3,617	62.27%	11.90%	23.86%	0.54%	0.16%	1.25%	0.02%
78									
79	SEC-DxLAB-D	INT	1,559	298	597	14	4	31	0
80	SEC-DxLAB-D%	2,504	62.27%	11.90%	23.86%	0.54%	0.16%	1.25%	0.02%
81									
82	SEC-LAB-C	INT	0	0	0	0	0	1,637	0
83	SEC-LAB-C%	1,637	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
84									
85	SEC-DxLAB-C	INT	0	0	0	0	0	1,133	0
86	SEC-DxLAB-C%	1,133	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
87									
88	BILL-LAB-C	INT	7,120	1,141	645	234	1	14	0
89	BILL-LAB-C%	9,155	77.77%	12.46%	7.04%	2.55%	0.01%	0.16%	0.00%
90									
91	BILL-DxLAB-C	INT	1,542	374	265	84	0	0	0
92	BILL-DxLAB-C%	2,266	68.07%	16.52%	11.71%	3.69%	0.02%	0.00%	0.00%
93									
94	SUBT-PrPT-D	INT	1,261	229	569	806	223	28	10
95	SUBT-PrPT-D%	3,127	40.31%	7.33%	18.20%	25.78%	7.14%	0.91%	0.33%
96									
97	SUBT-DxPT-D	INT	17,192	3,286	6,650	8,067	2,384	346	270
98	SUBT-DxPT-D%	38,194	45.01%	8.60%	17.41%	21.12%	6.24%	0.91%	0.71%
99									
100	SUBT-PT-D	INT	21,291	4,036	8,464	10,593	3,088	437	307
101	SUBT-PT-D%	48,217	44.16%	8.37%	17.55%	21.97%	6.40%	0.91%	0.64%
102									
103	PRI-PT-D	INT	294,504	56,281	113,919	138,179	40,834	5,929	4,617
104	PRI-PT-D%	654,262	45.01%	8.60%	17.41%	21.12%	6.24%	0.91%	0.71%
105									
106	SEC-EXP-D	INT	9,829	1,869	3,758	560	160	253	13
107	SEC-EXP-D%	16,443	59.78%	11.36%	22.85%	3.41%	0.97%	1.54%	0.08%

Class Cost of Service Study ($000s)

	Name	Total	Residential A16 / A60	Small C&I C6	General C&I G2 / E40	200 kW B32 / G32	3000 kW B62 / G62	Lighting S10 / S14	Propulsion X1
			CLASS ALLOCATION ALLOCATORS						
108									
109	SEC-PT-D	INT	184,382	35,236	70,774	16,633	4,915	3,712	556
110	SEC-PT-D%	316,207	58.31%	11.14%	22.38%	5.26%	1.55%	1.17%	0.18%
111									
112	SUBT-EXP-D	INT	4,602	847	1,991	2,714	762	108	46
113	SUBT-EXP-D%	11,072	41.56%	7.65%	17.99%	24.52%	6.88%	0.98%	0.42%
114									
115	PRI-EXP-D	INT	22,672	4,312	8,743	10,527	3,099	572	340
116	PRI-EXP-D%	50,265	45.10%	8.58%	17.39%	20.94%	6.17%	1.14%	0.68%
117									
118	SEC-DxPT-C	INT	61,861	7,990	1,517	84	1	52,165	0
119	SEC-DxPT-C%	123,618	50.04%	6.46%	1.23%	0.07%	0.00%	42.20%	0.00%
120									
121	SEC-PT-C	INT	61,861	7,990	1,517	84	1	55,304	0
122	SEC-PT-C%	126,757	48.80%	6.30%	1.20%	0.07%	0.00%	43.63%	0.00%
123									
124	SEC-EXP-C	INT	651	106	161	173	49	5,609	4
125	SEC-EXP-C%	6,751	9.64%	1.57%	2.38%	2.56%	0.72%	83.08%	0.05%
126									
127	BILL-DxPT-C	INT	33,707	8,179	5,797	1,828	9	0	0
128	BILL-DxPT-C%	49,521	68.07%	16.52%	11.71%	3.69%	0.02%	0.00%	0.00%
129									
130	BILL-PT-C	INT	47,363	10,368	7,034	2,276	11	28	0
131	BILL-PT-C%	67,080	70.61%	15.46%	10.49%	3.39%	0.02%	0.04%	0.00%
132									
133	BILL-EXP-C	INT	29,873	4,596	3,308	2,342	377	218	18
134	BILL-EXP-C%	40,732	73.34%	11.28%	8.12%	5.75%	0.93%	0.53%	0.04%
135									
136	RateBase	INT	278,752	50,518	90,430	76,428	22,285	29,951	2,505
137	RateBase%	550,868	50.60%	9.17%	16.42%	13.87%	4.05%	5.44%	0.45%
138									
139	LABOR	INT	16,108	2,848	4,190	3,616	986	1,835	97
140	LABOR%	29,680	54.27%	9.59%	14.12%	12.18%	3.32%	6.18%	0.33%
141									

Schedule NG-HSG-4 (C)
Amended

Schedule NG-HSG-4 (C) - Amended

Results of Allocated Cost of service Study and Compliance Revenue Allocation

Narragansett Electric Company d/b/a National Grid
RESULTS OF ALLOCATED COST OF SERVICE STUDY AND COMPLIANCE REVENUE ALLOCATION

		Total	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
			A16 / A60	C-06	G-02	B32 / G32	B62 / G62	S10 / S14	X-01
					RESULTS OF ALLOCATED COST OF SERVICE STUDY				
1	**Revenue at Present Rates**								
2	Distribution charge revenue	215,420	113,105	23,237	31,707	33,256	5,080	8,834	201
3	Other revenue	7,802	4,654	747	1,130	936	172	149	14
4	**Total Revenue**	223,222	117,759	23,983	32,837	34,192	5,252	8,983	215
5									
6	**Operating Expenses**	187,878	99,198	17,653	28,313	24,911	6,942	10,162	699
7									
8	Income Before Tax	35,344	18,562	6,330	4,524	9,280	(1,689)	(1,179)	(484)
9	Income Tax Expense	6,248	3,163	572	1,025	867	253	340	28
10									
11	**Net Operating Income**	29,096	15,399	5,758	3,499	8,413	(1,942)	(1,519)	(512)
12									
13	Rate Base	550,869	278,752	50,518	90,430	76,428	22,285	29,951	2,505
14									
15	Rate of Return at Current Rates	5.28%	5.52%	11.40%	3.87%	11.01%	(8.71%)	(5.07%)	(20.44%)
16	Relative Rate of Return	1.00	1.05	2.16	0.73	2.08	(1.65)	(0.96)	(3.87)
17									
18	**Distribution Revenue Requirement**								
19	Distribution charge revenue	231,651	120,598	21,641	35,662	31,147	8,860	12,824	919
20	Other revenue	7,981	4,792	761	1,145	947	172	149	14
21		239,632	125,390	22,402	36,807	32,094	9,032	12,973	933
22									
23	Operating Expenses	187,878	99,198	17,653	28,313	24,911	6,942	10,162	699
24	Additional uncollectibles expense	155	81	17	23	24	4	6	0
25	Income Before Tax	51,599	26,111	4,732	8,471	7,159	2,086	2,805	234
26	Income Tax Expense	11,936	6,040	1,095	1,960	1,656	483	649	54
27	**Net Operating Income**	39,662	20,071	3,637	6,511	5,503	1,603	2,156	180
28	Rate of Return	7.20%	7.20%	7.20%	7.20%	7.20%	7.20%	7.20%	7.19%
29									
30	**Distribution rates only**								
31	Increase (Decrease) Required $	16,410	7,631	(1,581)	3,970	(2,098)	3,780	3,990	718
32	**Increase (Decrease) Required %**	**7.4%**	**6.5%**	**(6.6%)**	**12.1%**	**(6.1%)**	**72.0%**	**44.4%**	**333.6%**
33									
34					**COMPLIANCE REVENUE ALLOCATION**				
35	**Allocated Cost of Service at Average Cost of Capital**								
36	Distribution revenue requirement	231,651	120,598	21,641	35,662	31,147	8,860	12,824	919
37									
38	Increase (Decrease)- Distribution Rate Rev $	16,231	7,493	(1,596)	3,955	(2,109)	3,780	3,990	718
39	**Increase (Decrease)- %**	**7.3%**	**6.4%**	**(6.7%)**	**12.0%**	**(6.2%)**	**72.0%**	**44.4%**	**333.6%**
40									
41	**Additional Re-allocations per Commission Decision**								
42									
43	Transmission expense- 50% of change	0	(2,070)	(110)	(122)	1,542	673	85	1
44									
45	A-60 Rate Design Subsidy	(3,206)	(3,206)						
46	A-60 subsidy Re-allocated on Dist Rev Basis	3,206	1,640	298	492	452	132	179	13
47	A-60 additional $900K subsidy	(900)	(900)	0	0	0	0	0	0
48	A-60 additional $900K subsidy- Dist Rev Basis	900	461	84	138	127	37	50	4
49	Reallocation of Total A-60 Subsidy	0	(2,005)	382	630	579	169	229	16
50									
51	Increase before Constraint	16,231	3,418	(1,324)	4,462	12	4,622	4,304	735
52									
53	Rev Req (Unconstrained Classes)	200,130	109,030	23,508	32,215	35,377			
54	% of Unconstrained Rev Req	1.000	54.48%	11.75%	16.10%	17.68%			
55									
56	Increase Constraint- X system average						1.50	2.00	
57	Apply Constraint		0.00%	0.00%	0.00%	0.00%	11.03%	14.70%	166.80%
58									
59	Increase (Decrease)- Constrained	0	0	0	0	0	579	1,321	335

Narragansett Electric Company d/b/a National Grid
RESULTS OF ALLOCATED COST OF SERVICE STUDY AND COMPLIANCE REVENUE ALLOCATION

		Total	Residential	Small C&I	General C&I	200 kW Demand	3000 kW Demand	Lighting	Propulsion
			A16 / A60	C-06	G-02	B32 / G32	B62 / G62	S10 / S14	X-01
60	Shortfall from Light / Prop / G62	(7,426)					(4,043)	(2,983)	(400)
61	Re-allocation of Shortfall on Rev Req	7,426	4,045	872	1,195	1,313	0	0	0
62									
63	**Compliance Increase (Decrease)**	**16,231**	**7,464**	**(452)**	**5,657**	**1,325**	**579**	**1,321**	**335**
64									
65	**Compliance % Increase (Decrease)**	**7.53%**	**6.60%**	**-1.95%**	**17.84%**	**3.98%**	**11.40%**	**14.95%**	**166.80%**
66									
67	**Compliance Distribution charges**	**231,651**	**120,569**	**22,784**	**37,365**	**34,581**	**5,659**	**10,155**	**536**
68	Other revenue	7,981	4,792	761	1,145	947	172	149	14
69	**Compliance Revenue**	**239,629**	**125,361**	**23,545**	**38,510**	**35,528**	**5,831**	**10,304**	**550**
70	Operating Expenses	188,033	99,279	17,670	28,336	24,935	6,946	10,168	699
71	Income Before Tax	51,596	26,082	5,875	10,174	10,593	(1,115)	136	(149)
72	Income Tax Expense	11,936	6,033	1,359	2,354	2,450	(258)	31	(34)
73		39,661	20,048	4,516	7,820	8,142	(857)	104	(114)
74									
75	**Return on Rate Base**	**7.20%**	**7.19%**	**8.94%**	**8.65%**	**10.65%**	**(3.84%)**	**0.35%**	**(4.56%)**
76	**Relative Rate of Return**	**1.00**	**1.00**	**1.24**	**1.20**	**1.48**	**(0.53)**	**0.05**	**(0.63)**
77									
78	**Compliance Increase (Decrease) %**	**7.3%**	**6.3%**	**(1.9%)**	**17.2%**	**3.9%**	**11.0%**	**14.7%**	**155.7%**
79									

80 Notes:

81 Line (2): NG-HSG-1 (C)-Amended, page 2, line 1
82 Line (3): NG-HSG-1 (C)-Amended, page 2, line 2
83 Line (2) + Line (3)
84 Line (6): NG-HSG-1 (C)-Amended, page 2, line 9
85 Line (8): NG-HSG-1 (C)-Amended, page 2, line 11
86 Line (9): NG-HSG-1 (C)-Amended, page 2, line 12
87 Line (8) - Line (9)
88 Line (13): NG-HSG-1 (C)-Amended, page 2, line 16
89 Line (11) ÷ Line (13)
90 Line (15) ÷ Line (15), Total
91 Line (19): NG-HSG-1 (C)-Amended, page 2, line 22
92 Line (20): NG-HSG-1 (C)-Amended, page 2, lines 23 - 25
93 Line (19) + Line (20)
94 Line (6): NG-HSG-1 (C)-Amended, page 2, line 9
95 Line (24): NG-HSG-1 (C)-Amended, page 2, line 29
96 Line (21) - Line (23) - Line (24)
97 Line (26): Line (25) x Effective Income Tax Rate
98 Line (25) - Line (26)
99 Line (28): Line (27) ÷ Line (13)
100 Line (31): Line (21) - Line (4)
101 Line (32): Line (31) ÷ Line (4)
102 Line (36): Line (21)
103 Line (38): Line (31)
104 Line (39): Line (38) ÷ Line (2)
105 Line (43): NG-HSG-7 (C)-Amended, page 1, line 19

Line (45): NG-HSG-6 (C)-Amended, page 2
Line (46): Line (45) x (class MWh÷ total MWh less A-60 MWh)
Line (47): per Commission decision
Line (48): Line (47) x (class MWh÷ total MWh less A-60 MWh)
Line (49): Line (45) - Line (48)
Line (51): Line (38) + Line (49)
Line (53): Line (2) + Line (51)
Line (54): Line (53) ÷ Line Line (53) Total
Line (56): per Commission decision, increase capped to Rates G-62, Streetlights & X-01
Line (59): Line (2) x Line (56)
Line (60): Line (59) - Line (51)
Line (61): Line (60) ,total x Line (54)
Line (63): Line (51) + Line (60) + Line (61)
Line (65): Line (63) ÷ Line (2)
Line (67): Line (2) + Line (63)
Lin e (68): Line (20)
Line (69): Line (67) + Line (68)
Line (70): Line (23) + Line (24)
Line (71): Line (69) - Line (70)
Line (72): Line (26)
Line (73): Line (71) - Line (72)
Line (75): Line (73) ÷ Line (13)
Line (76): Line (75) ÷ Line (75), total
Line (78): Line (63) ÷ Line (4)

Schedule NG-HSG-5 (C)
Amended

Schedule NG-HSG-5 (C) - Amended

Summary of Compliance Rates

THE NARRAGANSETT ELECTRIC COMPANY
Summary of Compliance Rates
For Rates Effective 3/1/2010
(Rates not adjusted for Gross Earnings Tax)

Rate	Charge	Distribution Charge[1]	Lost Revenue Factor[2]	Commodity Administrative Cost Adj.[3]	Transmission Uncollectible Factor[4]	Base Transmission Charge[4]
A-16						
	Customer Charge	$3.75				
	kWh Charge	$0.03474	$0.00061	$0.00117	$0.00015	$0.01630
A-60						
	Customer Charge	$0.00				
	kWh Charge	$0.02104	$0.00016	$0.00117	$0.00015	$0.01630
S-10, S-14, S-06						
	Customer Charge	See page 2 & 3				
	kWh Charge		$0.00348	$0.00117	$0.00010	$0.01074
C-06						
	Customer Charge	$8.00				
	Unmetered Charge	$5.00				
	kWh Charge	$0.03344	$0.00006	$0.00117	$0.00015	$0.01640
	Additional Minimum Charge (per kVA in excess of 25 kVA)	$1.85				
G-02						
	Customer Charge	$125.00				
	kW > 10 Charge	$4.50				
	kW Charge					$2.29
	kWh Charge	$0.00706	$0.00072	$0.00102	$0.00013	$0.00725
	High Voltage Delivery Discount	($0.42)				
	High Voltage Metering Discount	-1.0%				
G-32						
	Customer Charge	$750.00				
	kW Charge - in excess of 200 kW	$2.00				
	kW Charge					$2.28
	kWh Charge	$0.00869	$0.00017	$0.00102	$0.00011	$0.00621
	High Voltage Delivery Discount	($0.42)				
	High Voltage Delivery Discount (115kV)	($2.00)				
	Second Feeder Service	$2.42				
	High Voltage Metering Discount	-1.0%				
B-32						
	Customer Charge	$750.00				
	Backup Demand Charge - in excess of 200 kW	$5.11				
	kW Charge - in excess of 200 kW	$2.00				
	kW Charge	$0.00				$2.28
	kWh Charge	$0.00869	$0.00017	$0.00102	$0.00011	$0.00621
	High Voltage Delivery Discount	($0.42)				
	High Voltage Delivery Discount (115kV)	($2.00)				
	Second Feeder Service	$2.42				
	High Voltage Metering Discount	-1.0%				

THE NARRAGANSETT ELECTRIC COMPANY
Summary of Compliance Rates
For Rates Effective 3/1/2010
(Rates not adjusted for Gross Earnings Tax)

Rate	Charge	Distribution Charge[1]	Lost Revenue Factor[2]	Commodity Administrative Cost Adj.[3]	Transmission Uncollectible Factor[4]	Base Transmission Charge[4]
G-62						
	Customer Charge	$17,118.72				
	kW Charge	$2.71				$2.28
	kWh Charge	$0.00000	$0.00020	$0.00102	$0.00011	$0.00621
	High Voltage Delivery Discount	($0.42)				
	High Voltage Delivery Discount (115kV)	($2.00)				
	Second Feeder Service	$2.42				
	High Voltage Metering Discount	-1.0%				
B-62						
	Customer Charge	$17,118.72				
	Backup Demand Charge	$2.71				
	kW Charge	$2.71				$2.28
	kWh Charge	$0.00000	$0.00020	$0.00102	$0.00011	$0.00621
	High Voltage Delivery Discount	($0.42)				
	High Voltage Delivery Discount (115kV)	($2.00)				
	Second Feeder Service	$2.42				
	High Voltage Metering Discount	-1.0%				
X-01						
	Customer Charge	$16,500.00				
	kW Charge					$2.01
	kWh Charge	$0.01303	$0.00189	$0.00102	$0.00019	$0.00557
M-1						
	Option A:					
	fixed charges	$3,656.58	$0.00000	$0.00000		$0.00
	Option B:					
	fixed charge	$3,656.58				
	kWh charge		$0.00000	$0.00000	$0.00000	$0.00000

1 Schedule NG-HSG-6 (C) - Amended
2 Schedule NG-HSG-13 (C) - Amended
3 Schedule NG-RLO-6 (C) - Amended
4 Schedule NG-HSG-7 (C) - Amended

NARRAGANSETT ELECTRIC COMPANY
Summary of Compliance Rates
Street Area Lighting - Full Service
S-10 & S-14

	Lumen Size	Lumens Description	Annual Charge Per Fixture[1]	Lost Revenue Factor[2] (per kWh)	Commodity Administrative Cost Adj.[3] (per kWh)	Transmission Uncollectible Factor[4]	Base Transmission Charge[4] (per kWh)
S-10/S-14 Luminaires							
Incandescent	1,000	LUM INC RWY 105W	$70.65	$0.00348	$0.00117	$0.00010	$0.01074
	2,500	LUM INC RWY 205W	$70.65	$0.00348	$0.00117	$0.00010	$0.01074
Mercury Vapor	4,400	LUM MV RWY 100W	$70.65	$0.00348	$0.00117	$0.00010	$0.01074
	8,500	LUM MV RWY 175W	$72.94	$0.00348	$0.00117	$0.00010	$0.01074
	13,000	LUM MV RWY 250W	$72.94	$0.00348	$0.00117	$0.00010	$0.01074
	23,000	LUM MV RWY 400W	$120.39	$0.00348	$0.00117	$0.00010	$0.01074
	63,000	LUM MV RWY 1000W	$163.46	$0.00348	$0.00117	$0.00010	$0.01074
	8,500	LUM MV POST 175W	$156.80	$0.00348	$0.00117	$0.00010	$0.01074
	23,000	LUM MV FLD 400W	$143.14	$0.00348	$0.00117	$0.00010	$0.01074
	63,000	LUM MV FLD 1000W	$181.37	$0.00348	$0.00117	$0.00010	$0.01074
Sodium Vapor	4,000	LUM HPS RWY 70W	$70.65	$0.00348	$0.00117	$0.00010	$0.01074
	6,300	LUM HPS RWY 70W	$70.92	$0.00348	$0.00117	$0.00010	$0.01074
	9,600	LUM HPS RWY 100W	$72.94	$0.00348	$0.00117	$0.00010	$0.01074
	16,000	LUM HPS RWY 150W	$72.63	$0.00348	$0.00117	$0.00010	$0.01074
	27,500	LUM HPS RWY 250W	$120.39	$0.00348	$0.00117	$0.00010	$0.01074
	50,000	LUM HPS RWY 400W	$163.46	$0.00348	$0.00117	$0.00010	$0.01074
	27,500	LUM HPS FLD 250W	$143.14	$0.00348	$0.00117	$0.00010	$0.01074
	50,000	LUM HPS FLD 400W	$181.37	$0.00348	$0.00117	$0.00010	$0.01074
	4,000	LUM HPS POST 50W	$155.49	$0.00348	$0.00117	$0.00010	$0.01074
	9,600	LUM HPS POST 100W	$156.80	$0.00348	$0.00117	$0.00010	$0.01074
	27,500	WALL HPS 250W 24HR	$172.21	$0.00348	$0.00117	$0.00010	$0.01074
	9,600	SHOEBOX - LUM HPS REC 100W-C1	$93.89	$0.00348	$0.00117	$0.00010	$0.01074
Metal Halide	32,000	LUM MH FLD 400W	$181.37	$0.00348	$0.00117	$0.00010	$0.01074
	107,800	LUM MH FLD 100W	$181.37	$0.00348	$0.00117	$0.00010	$0.01074
S-10/S-14 Standards							
		POLE-WOOD	$79.15				
		POLE FIBER PTEMB <25' w/out foundat	$107.54				
		POLE FIBER RWY <25 w/ foundation	$165.66				
		POLE FIBER RWY => 25 w/ foundation	$185.67				
		POLE METAL EMBEDDED	$253.37				
		POLE METAL=>25FT (with foundation)	$309.78				
S-6 (Decorative) Luminaires							
	4,000	DEC HPS TR 50W	$155.49	$0.00348	$0.00117	$0.00010	$0.01074
	9,600	DEC HPS TR 100W	$156.80	$0.00348	$0.00117	$0.00010	$0.01074
	4,000	DEC HPS AG 50W	$239.39	$0.00348	$0.00117	$0.00010	$0.01074
	9,600	DEC HPS AG 100W	$241.52	$0.00348	$0.00117	$0.00010	$0.01074
	4,000	DEC HPS WL 50W	$269.63	$0.00348	$0.00117	$0.00010	$0.01074
	9,600	DEC HPS WL 100W	$273.09	$0.00348	$0.00117	$0.00010	$0.01074
	4,000	DEC HPS TR-TW 50W	$334.84	$0.00348	$0.00117	$0.00010	$0.01074
	9,600	DEC HPS TR-TW 100W	$337.49	$0.00348	$0.00117	$0.00010	$0.01074
	4,000	DEC HPS AG-TW 50W	$502.64	$0.00348	$0.00117	$0.00010	$0.01074
	9,600	DEC HPS AG-TW 100W	$506.93	$0.00348	$0.00117	$0.00010	$0.01074
	4,000	DEC HPS WL-TW 50W	$563.13	$0.00348	$0.00117	$0.00010	$0.01074
	9,600	DEC HPS WL-TW 100W	$570.08	$0.00348	$0.00117	$0.00010	$0.01074
S-6 (Decorative) Standards							
		DEC VILL PT/FDN	$607.38				
		DEC WASH PT/FDN	$631.69				

1 Schedule NG-HSG-6 (C) - Amended
2 Schedule NG-HSG-13 (C) - Amended
3 Schedule NG-RLO-6 (C) - Amended
4 Schedule NG-HSG-7 (C) - Amended

NARRAGANSETT ELECTRIC COMPANY
Summary of Compliance Rates
Street Area Lighting - Temporary Turn-Off Service
S-10 & S-14

	Lumen Size	Lumens Description	Annual Charge[1]
S-10/S-14 Luminaires			
Incandescent	1,000	LUM INC RWY 105W TT	$42.39
	2,500	LUM INC RWY 205W TT	$42.39
Mercury Vapor	4,400	LUM MV RWY 100W TT	$42.39
	8,500	LUM MV RWY 175W TT	$43.76
	13,000	LUM MV RWY 250W TT	$43.76
	23,000	LUM MV RWY 400W TT	$72.23
	63,000	LUM MV RWY 1000W TT	$98.08
	8,500	LUM MV POST 175W TT	$94.08
	23,000	LUM MV FLD 400W TT	$85.88
	63,000	LUM MV FLD 1000W TT	$108.82
Sodium Vapor	4,000	LUM HPS RWY 70W TT	$42.39
	6,300	LUM HPS RWY 70W TT	$42.55
	9,600	LUM HPS RWY 100W TT	$43.76
	16,000	LUM HPS RWY 150W TT	$43.58
	27,500	LUM HPS RWY 250W TT	$72.23
	50,000	LUM HPS RWY 400W TT	$98.08
	27,500	LUM HPS FLD 250W T	$85.88
	50,000	LUM HPS FLD 400W TT	$108.82
	9,600	SHOEBOX - LUM HPS REC 100W-C1	$56.33
	4,000	LUM HPS POST 50W TT	$93.29
	9,600	LUM HPS POST 100W TT	$94.08
	27,500	WALL HPS 250W 24 TT	$103.33
Metal Halide			
	32,000	LUM MH FLD 400W	$108.82
	107,800	LUM MH FLD 100W	$108.82
S-10/S-14 Standards			
		POLE-WOOD TEMPOFF	$79.15
		POLE FIBER EMB <25 TT	$107.54
		POLE FIBER PT or RWY < 25	$165.66
		POLE FIBER =>25 w/ foundation	$185.67
		POLE METAL EMB TT	$253.37
		POLE METAL =>25 TT	$309.78

1 Schedule NG-HSG-6 (C) - Amended

Schedule NG-HSG-6 (C)
Amended

Schedule NG-HSG-6 (C) - Amended

Compliance Distribution Rate Design

Compliance Rate Design - Index

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Narragansett Electric Company
Rate Design for Residential- Rates A16 / A60

Line		Billing Units	Current Rate	Revenue	Compliance Rates Before LI Discount	Revenue Before LI Subsidy	Rate Adjustment for Subsidy	Compliance Rates Incl. Subsidy	Revenue
1	Compliance Revenue Allocation (from NG-HSG-4(C), page 2, line 67)					**$122,573,571**			**$120,568,568**
2									
3	Customer Charge:								
4	Monthly Bills- A-16	4,725,409	$2.75	$12,994,875	$3.75	$17,720,284		$3.75	$17,720,284
5	Monthly Bills- A-60	383,097	$0.00	0	$3.75	1,436,614		$0.00	0
6	**Customer Charge Revenue**	5,108,506		**12,994,875**		**19,156,898**			**17,720,284**
7									
8	Energy-based Charge:								
9	kWh Sales- A-16	2,842,813,980	$0.03376	95,973,400	$0.03421	97,252,666	0.00053	0.03474	98,759,358
10	kWh Sales- A-60								
11	Dec-Mar 1st 450 kWh	44,572,797	$0.01688	752,389					
12	Dec-Mar Nxt 750 kWh	19,367,637	$0.03055	591,681					
13	Dec-Mar > 1200 kWh	5,991,574	$0.02548	152,665					
14	Apr-Nov 1st 450 kWh	85,907,219	$0.01688	1,450,114					
15	Apr-Nov > 450 kWh	38,959,917	$0.03055	1,190,225					
16		194,799,144		4,137,075	$0.03421	6,664,079	-$0.01317	$0.02104	4,098,087
17									
18	**Distribution Charge Revenue**	3,037,613,124		**100,110,475**		**103,916,745**			**102,857,445**
19		508							
20	Rate A-16 Rev			108,968,275		114,972,950			116,479,641
21	Rate A-60 Rev			4,137,075		8,100,692			4,098,087
22									
23	**Total Revenue**	6.4%		**$113,105,349**		**$123,073,642**			**$120,577,728**
24									
25	Difference					$500,071			$9,160
26									
27									

28	Subsidy:	
29	Rate A-16 Customer Chg	$3.75
30	Rate A-60 Customer Chg	$0.00
31	Difference	-$3.75
32		
33	Billing Units	383,097
34	Subsidy - Customer Chg	($1,436,614)
35		
36	Rate A-16 kWh Chg	$0.03474
37	Rate A-60 kWh Chg	$0.02104
38	Difference	-$0.01370
39		
40	Billing Units	194,799,144
41	Subsidy - kWh Chg	($2,669,235)
42		
43	Total Subsidy	($4,105,849)
44	less: Additional $900K	($900,000)
45		
46	Subsidy before Additional $900K	($3,205,849)

Narragansett Electric Company
Rate Design for Residential- Rates A16 / A60

Demonstration of Increase Cap

Line		Current Revenue A-16	Current Revenue A-60	Compliance Revenue A-16	Compliance Revenue A-60	Notes
1						
2						
3						
4	Customer Charge Revenue	$12,994,875		$17,720,284		from page 2
5						
6	kWh Charge Revenue	95,973,400	4,137,075	98,759,358	4,098,087	from page 2
7						
8	**Distribution Charge Revenue**	**108,968,275**	**4,137,075**	**116,479,641**	**4,098,087**	Line 4 + Line 6
9						
10	**Total Combined Class Revenue**		**$113,105,349**		**$120,577,728**	Line 8 (Combined Class)
11						
12		Inc (Dec) in Distribution Rev		$7,511,367	-38,988	Line 8 (Compliance) - Line 8 (Current)
13		% Inc (Dec) in Distribution Rev		6.89%	-0.94%	Line 12 ÷Line 8 (Current)
14						
15	**Compliance Rates (Other than Distribution)**					
16						
17	Compliance Transmission Charges	$0.01500	$0.01402	$0.01645	$0.01645	(Compliance): From NG-HSG-7, page 2
18	Compliance Commodity Administrative Cost Adj.	$0.00000	$0.00000	$0.00117	$0.00117	(Compliance): From NG-RLO-6, page 1
19						
20	**Billing Units**	2,842,813,980	194,799,144	2,842,813,980	194,799,144	from page 2
21						
22	**Compliance Revenue**					
23	Distribution Charge Revenue	108,968,275	4,137,075	116,479,641	4,098,087	Line 8
24	Transmission Rev	$42,642,210	$2,731,084	$46,764,290	$3,204,446	Line 17 * Line 20
25	Commodity Admin Cost Rev	$0	$0	$3,326,092	$227,915	Line 18 * Line 20
26						
27	**Total Revenue**	**$151,610,484**	**$6,868,159**	**$166,570,024**	**$7,530,448**	Line 23 + Line 24 + Line 25
28						
29		Inc (Dec) in Compliance Rev		**$14,959,539**	**$662,289**	Line 27 (Compliance) - Line 27 (Current)
30		% Inc (Dec) in Compliance Rev		**9.87%**	**9.64%**	Line 29 ÷Line 27 (Current)

Rate Design for Small Commercial & Industrial- Rate C-06

Line			Billing Units	Current Rate	Revenue		Revenue
1	Compliance Revenue Allocation (from NG-HSG-4(C), page 2, line 67)						**$22,784,363**
2							
3	Customer Charge:						
4	Monthly Bills	Metered	528,231	$6.00	$3,169,384	$8.00	$4,225,845
5	Monthly Bills	Unmetered	3,517	$1.83	6,435	$5.00	17,583
6	Monthly Bills	R2- Traffic Signals	7,360	$1.83	13,468	$5.00	36,798
7	**Customer Charge Revenue**		539,107		**3,189,287**		**4,280,225**
8							
9	Energy-based Charge:						
10	kWh Sales- Metered		545,538,492	$0.03624	19,770,315		
11	kWh Sales- Unmetered		2,295,053	$0.03624	83,173		
12	R2 Traffic Signals		4,578,720	$0.03624	165,933		
13			552,412,265		20,019,420	$0.03344	18,472,666
14							
15	Over 25 kVA- Metered		7,448	$1.68	12,513	$1.85	13,779
16	Over 25 kVA- Unmetered		9,160	$1.68	15,389	$1.85	16,946
17			16,608		27,901		30,725
18			552,428,873				
19							
20	**Distribution Charge Revenue**				**20,047,322**		**18,503,391**
21							
22	**Total Revenue**				**$23,236,609**		**$22,783,616**

Rate Design for General Commercial & Industrial- Rate G-02 (includes E-40)

Line			Billing Units	Current Rate	Revenue		Revenue
1	Compliance Revenue Allocation (from NG-HSG-4 (C), page 2, line 67)						**$37,364,824**
2							
3	Customer Charge:						
4	Monthly Bills	G-02	86,892	$103.41	$8,985,505	$125.00	$10,861,504
5		E40	81	$75.15	6,066		
6	**Customer Charge Revenue**		86,973		**8,991,571**		**10,861,504**
7							
8	Energy-based Charge:						
9	kWh Sales	G-02	1,368,444,880	$0.00777	10,632,817		
10		E40 Peak	1,571,117	$0.02536	39,844		
11		E40 Off-peak	1,677,630	$0.00949	15,921		
12			1,371,693,627		10,688,581	$0.00706	9,684,157
13							
14	Demand Billing Units		3,747,594	$3.22	12,067,252	$4.50	16,864,172
15							
16	HVD Billing Credit Units		97,801	($0.37)	(36,186)	($0.42)	(41,278)
17							
18	HVM Discount	Current Rates	31,691,640	(0.012%)	(3,725)		
19		Compliance Rates	37,409,833			(0.012%)	(4,398)
20	**Distribution Charge Revenue**				**22,715,921**		**26,502,653**
21							
22	**Total Revenue**				**$31,707,492**		**$37,364,157**

Rate Design for Commercial & Industrial Large Demand- Rate G32 (includes B32)

Line			Billing Units	Current Rate	Revenue		Revenue
1	Compliance Revenue Allocation (from NG-HSG-4 (C), page 2, line 67)						**$34,580,905**
2							
3	Customer Charge:						
4	Monthly Bills	B32	19	$236.43	$4,492		
5		G32	15,470	$236.43	3,657,531		
6	**Customer Charge Revenue**		15,489		**3,662,023**	$750.00	**11,616,619**
7							
8	Energy-based Charge:						
9	kWh Sales	B32 Supplemental	5,245,253	$0.00889	46,630		
10		G32	2,036,293,032	$0.00889	18,102,645		
11			2,041,538,285		18,149,275	$0.00869	17,740,968
12							
13	Demand Billing Units	B32 Back-up	7,565	$5.11	38,659		
14		B32 Supplemental	15,765	$1.99	31,372		
15		G32	5,877,949	$1.99	11,697,118		
16			5,901,279	$1.99	11,767,149		
17							
18	Demand Over 200 kW	B32 Back-up	7,565			$5.11	38,659
19		B32 Supplemental	11,965			$2.00	23,930
20		G32	2,783,984			$2.00	5,567,968
21			2,803,514				5,630,557
22							
23	HVD Billing Credit Units	B32	10,444	($0.37)	(3,864)		
24		G32	1,630,690	($0.37)	(603,355)		
25			1,641,134		(607,220)	($0.42)	(692,666)
26							
27	HVM Discount	Current Rates B32	121,154	(0.840%)	(1,018)		
28		Current Rates G32	33,457,294	(0.236%)	(78,937)		
29					(79,954)		
30		Compliance Rates	34,988,143			(0.238%)	(83,311)
31							
32	Second Feeder Service		151,469	$2.41	365,040	$2.42	366,868
33							
34	**Distribution Charge Revenue**				**29,594,291**		**22,962,415**
35							
36	**Total Revenue**				**$33,256,314**		**$34,579,034**

Rate Design for 3000 kW Demand- Rate G62 (includes B62)

Line			Billing Units	Current Rate	Revenue		Revenue
1	Compliance Revenue Allocation (from NG-HSG-4 (C), page 2, line 67)						**$5,659,420**
2							
3	Customer Charge:						
4	Monthly Bills	B62	24	$17,118.72	408,967		
5		G62	129	$17,118.72	2,201,160		
6	**Customer Charge Revenue**		152		**2,610,127**	$17,118.72	**2,610,127**
7							
8	Energy-based Charge:						
9	kWh Sales	B62 Supplemental	140,107,795	$0.00000	0	$0.00000	0
10		G62	425,270,052	$0.00000	0	$0.00000	0
11			565,377,847		0		0
12							
13	Demand Billing Units	B62 Back-up	93,405	$2.22	207,359	$2.71	253,127
14		B62 Supplemental	284,116	$2.22	630,737	$2.71	769,954
15		G62	924,396	$2.22	2,052,159	$2.71	2,505,113
16			1,301,916	$2.22	2,890,254		3,528,194
17							
18							
19	HVD Billing Credit Units	B62	100,014	($0.37)	(37,005)		
20		G62	890,020	($0.37)	(329,307)		
21			990,034		(366,313)	($0.42)	(417,859)
22							
23	HVM Discount	Current Rates B62	1,247,063	(0.931%)	(11,610)		
24		Current Rates G62	4,253,318	(0.991%)	(42,171)		
25					(53,781)		
26		Compliance Rates	6,138,320			(0.978%)	(60,018)
27							
28	**Distribution Charge Revenue**				**2,470,161**		**3,050,316**
29							
30	**Total Revenue**				**$5,080,288**		**$5,660,443**

Rate Design for Propulsion- Rate X-01

Line		Billing Units	Current Rate	Revenue		Revenue
1	Compliance Revenue Allocation (from NG-HSG-4 (C), page 2, line 67)					**$536,047**
2						
3	Customer Charge:					
4	Number of Monthly Bills	12	$10,000.00	$120,000	$16,500.00	$198,000
5	**Customer Charge Revenue**	12		**120,000**		**198,000**
6						
7	Energy-based Charge:					
8	kWh Sales	25,935,238	$0.00312	80,918	$0.01303	337,936
9						
10	**Distribution Charge Revenue**			**80,918**		**337,936**
11						
12	**Total Revenue**			**$200,918**		**$535,936**

Rate Design for Street Lighting - Summary

Line	Decsription	Distribution Revenue at Current Rates	Distribution Revenue at Compliance Rates	Change $	Change %
1	Rate S-10	$885,317	$871,771	-$13,545	-1.53%
2	Credits	(225,168)			
3					
4	Rate S-14	8,698,235	9,283,045	584,810	6.72%
5	Credits	(520,153)			
6	Rounding difference	(4,213)			
7	**Total Street Lighting Revenue**	**$8,838,230**	**$10,154,816**	**$571,265**	6.46%

Rate Design for Street Lighting - Detailed

Line	Type	Lumens	Units S10	Units S14	Current Annual Price	Current Annual Revenue	Replcement Cost Annual Price	Compliance Annual Price	Compliance Annual Revenue
1	Incand-	1,000	12	312	$75.22	$24,371		$70.65	$22,891
2	escent	2,500		32	$67.45	2,158		$70.65	2,261
3			12	344		26,530			25,151
4									
5		4,400	165	4,700	$58.40	284,116		$70.65	343,712
6		8,500	236	891	$70.77	79,758		$72.94	82,203
7		23,000	73	1,525	$122.31	195,451		$120.39	192,383
8	Mercury Vapor Fixtures	13,000		144	$122.97	17,708		$72.94	10,503
9		63,000	5	89	$234.25	22,020		$163.46	15,365
10		8,500 POST TOP		4	$108.85	435		$156.80	627
11		23,000 FLOOD	723	37	$152.08	115,581		$143.14	108,786
12		63,000 FLOOD	391	7	$262.72	104,563		$181.37	72,185
13			1,593	7,397		819,631			825,766
14									
15		4,000	45	42,069	$62.78	2,643,917	$151.10	$70.65	2,975,354
16		6,300	283	14,266	$66.28	964,308	$151.66	$70.92	1,031,815
17		9,600	87	15,100	$72.63	1,103,032	$155.98	$72.94	1,107,740
18		9,600 (SHOEBOX)	25		$72.63	1,816	$200.79	$93.89	2,347
19		16,000	32		$72.63	2,324	$141.88	$72.63	2,324
20	Sodium Vapor Fixtures	27,500	177	17,250	$120.39	2,098,037	$163.96	$120.39	2,098,037
21		50,000	47	1,711	$163.46	287,363	$180.97	$163.46	287,363
22		27,500 FLOOD	1,150	362	$143.14	216,428	$195.12	$143.14	216,428
23		50,000 FLOOD	2,110	925	$181.37	550,458	$199.40	$181.37	550,458
24		4,000 POST TOP	47		$62.78	2,951	$155.49	$155.49	7,308
25		9,600 POST TOP	68	935	$78.56	78,796	$156.80	$156.80	157,270
26		27,500 (24 HR)		42	$172.21	7,233	$332.75	$172.21	7,233
27			4,071	92,660		7,956,660			8,443,676
28									
29	Metal	32,000		19	$181.37	3,446	$182.83	$181.37	3,446
30	Halide	107,800		38	$181.37	6,892	$263.80	$181.37	6,892
31			0	57		10,338			10,338
32									
33		**Total Luminaires**	**5,676**	**100,458**		**8,813,159**			**9,304,932**
34									
35		POLE-WOOD	208	181	$55.45	21,570	$169.27	$79.15	30,789
36		POLE FIBER PT EMB<25	109	870	$57.34	56,136	$229.98	$107.54	105,282
37		POLE FIBER PT <25	8	490	$111.04	55,298	$354.28	$165.66	82,499
38	Standards	POLE FIBER RWY=>25		64	$185.67	11,883	$329.21	$185.67	11,883
39		POLE METAL=>25FT		1,220	$253.37	309,111	$662.50	$309.78	377,932
40		POLE METAL EMBEDDED			$253.37	0	$354.28	$253.37	0
41		Wood (was S-12)		2,575	$110.86	285,465	$169.27	$79.15	203,811
42		Fiberglass - no base (was S-12)		241	$110.86	26,717	$229.98	$107.54	25,917
43		Metal w/ Foundation (was S-12)		38	$110.86	4,213	$662.50	$309.78	11,772
44		**Total Standards**	**325**	**5,679**		**770,393**			**849,884**
45									
46	**TOTAL LIGHTS & STANDARDS**		**6,001**	**106,137**		**$9,583,552**			**$10,154,816**
47									
48	S10					$885,317			$871,771
49	S14					8,698,235			9,283,045
50						**$9,583,552**			**$10,154,816**
51									
52									
53									
54									
55	Notes:								
56	Prices for Incandescent and Mercury Vapor luminaires set equal to prices of Sodium Vapor replacement luminaire								
57	Prices for Sodium Vapor Post Top Luminaires set equal to prices for same fixtures on Rate S-06								

Rate Design for Street Lighting - Temporary Turn-Off

Line	Type	Lumens	Compliance Annual Price-Full	Compliance Annual Price-Temporary Turn Off	Compliance Monthly Price-Temporary Turn Off
1	Incand-escent	1,000	$70.65	$42.39	$3.53
2		2,500	$70.65	$42.39	$3.53
3					
4					
5	Mercury Vapor Fixtures	4,400	$70.65	$42.39	$3.53
6		8,500	$72.94	$43.76	$3.65
7		23,000	$120.39	$72.23	$6.02
8		13,000	$72.94	$43.76	$3.65
9		63,000	$163.46	$98.08	$8.17
10		8,500 POST TOP	$156.80	$94.08	$7.84
11		23,000 FLOOD	$143.14	$85.88	$7.16
12		63,000 FLOOD	$181.37	$108.82	$9.07
13					
14					
15	Sodium Vapor Fixtures	4,000	$70.65	$42.39	$3.53
16		6,300	$70.92	$42.55	$3.55
17		9,600	$72.94	$43.76	$3.65
18		9,600 (SHOEBOX)	$93.89	$56.33	$4.69
19		16,000	$72.63	$43.58	$3.63
20		27,500	$120.39	$72.23	$6.02
21		50,000	$163.46	$98.08	$8.17
22		27,500 FLOOD	$143.14	$85.88	$7.16
23		50,000 FLOOD	$181.37	$108.82	$9.07
24		4,000 POST TOP	$155.49	$93.29	$7.77
25		9,600 POST TOP	$156.80	$94.08	$7.84
26		27,500 (24 HR)	$172.21	$103.33	$8.61
27					
28					
29	Metal Halide	32,000	$181.37	$108.82	$9.07
30		107,800	$181.37	$108.82	$9.07
31					
32					
33					
34					
35	Standards	POLE-WOOD	$79.15	$79.15	$6.60
36		POLE LAM WOOD =<25 no fdn	$107.54	$107.54	$8.96
37		POLE LAM WOOD <25	$165.66	$165.66	$13.81
38		POLE LAM WOOD =<25 w/ fdn	$185.67	$185.67	$15.47
39		POLE METAL=>25FT	$309.78	$309.78	$25.82
40		POLE METAL EMBEDDED	$253.37	$253.37	$21.11
41		Wood (was S-12)	$79.15	$79.15	$6.60
42		Fiberglass - no base (was S-12)	$107.54	$107.54	$8.96
43		Metal w/ Foundation (was S-12)	$309.78	$309.78	$25.82

Proof of Distribution Revenue at Compliance Rates

	Code	Description	Includes	Prorated Annual Bills	Monthly Customer Charge	Customer Charge Revenue	Prorated Billing Demand	Demand Charge	Demand Charge Revenue	kWh Deliveries	kWh Charge	kWh Charge Revenue
1	A16	Residential	A16-A60	5,108,506		17,720,284				3,037,613,124		102,857,445
2	C06	Small C&I	C6-R2	539,107		4,280,225				552,428,873		18,503,391
3	G02	General C&I	G02-E40	86,973		10,861,504	3,747,594		16,864,172	1,371,693,627		9,684,157
4	G32	C&I Large Demanc	B32-G32	15,489		11,616,619	2,803,514		5,630,557	2,041,538,285		17,740,968
5	G62	3000 kW Demand	B62-G62	152		2,610,127	1,301,916		3,528,194	565,377,847		-
6	S14	Streetlighting	S10-S14	41,532		10,154,816				68,381,640		
7	X01	Propulsion	X01	12		198,000				25,935,238		337,936
8				5,791,771		57,441,575	7,853,024		26,022,922	7,662,968,634		149,123,896
9	A16	Residential Basic		4,725,409	$3.75	17,720,284				2,842,813,980	$0.03474	98,759,358
10	A60	Resid. Low Income	With A16	383,097	-	-				194,799,144	$0.02104	4,098,087
11	B32	C&I Back-up		19	$750.00	14,250	19,530	See below	62,589	5,245,253	$0.00869	45,581
12	B62	3000 kW Back-up		24	$17,118.72	408,967	377,521	See below	1,023,081	140,107,795	-	-
13	C06	Small C&I		528,231	$8.00	4,225,845				545,545,940	See below	18,256,586
14	C08	Small C&I Unmetr	With C06	3,517	$5.00	17,583				2,304,213	See below	93,693
15	E40	Storage Cooling	With G02	81		-				3,248,747	$0.00706	22,936
16	G02	General C&I		86,892	$125.00	10,861,504	3,747,594	$4.50	16,864,172	1,368,444,880	$0.00706	9,661,221
17	G32	200 kW Demand		15,470	$750.00	11,602,369	2,783,984	$2.00	5,567,968	2,036,293,032	$0.00869	17,695,386
18	G62	3000 kW Demand		129	$17,118.72	2,201,160	924,396	$2.71	2,505,113	425,270,052	-	-
19	R02	Traffic Signals	With C06	7,360	$5.00	36,798				4,578,720	$0.03344	153,112
20	S10/S1	Private Lighting/Street	Lighting	41,532		10,154,816				68,381,640		
21	X01	Propulsion		12	$16,500.00	198,000				25,935,238	$0.01303	337,936
22				5,791,771		57,441,575	7,853,024		26,022,922	7,662,968,634		149,123,896
23		C-6 Small C&I- Metered							kWh	545,538,492	$0.03344	18,242,807
24									Minimum	7,448	$1.85000	13,779
25										545,545,940		18,256,586
26		C-6 Small C&I- Unmetered							kWh	2,295,053	$0.03344	76,747
27									Minimum	9,160	$1.85000	16,946
28										2,304,213		93,693
29		B32 Demand- Supplemental (over 200 kW)					11,965	$2.00	23,930			
30		B32 Demand- Backup (over Supplemental)					7,565	$5.11	38,659			
31							19,530		62,589			
32		B62 Demand- Supplemental					284,116	$2.71	769,954			
33		B62 Demand- Backup (over Supplemental)					93,405	$2.71	253,127			
34							377,521		1,023,081			

Proof of Distribution Revenue at Compliance Rates

	Code	Description	Includes	HVD Billing Units	HVD Credit Revenue	HVM Billing Dollars	HVM Credit	HVM Credit Revenue	Feeder Service Bill Units	Feeder Service Revenue	Compliance Rate Year Revenue	Revenue Allocation	Difference
1	A16	Residential	A16-A60								120,577,728	120,568,568	9,160
2	C06	Small C&I	C6-R2								22,783,616	22,784,363	(747)
3	G02	General C&I	G02-E40	97,801	(41,278)	37,386,897		(4,395)			37,364,160	37,364,824	(664)
4	G32	C&I Large Demanc	B32-G32	1,641,134	(692,666)	34,988,143		(83,311)	151,469	366,868	34,579,034	34,580,905	(1,872)
5	G62	3000 kW Demand	B62-G62	990,034	(417,859)	6,138,320		(60,018)			5,660,443	5,659,420	1,022
6	S14	Streetlighting	S10-S14								10,154,816	10,154,681	135
7	X01	Propulsion	X01								535,936	536,047	(111)
8				2,728,969	(1,151,804)	78,513,360		(147,724)	151,469	366,868	231,655,733	231,648,810	6,923
				Rate	($0.42)			Rate		$2.42			
9	A16	Residential Basic									116,479,641		
10	A60	Resid. Low Income	With A16								4,098,087		
11	B32	C&I Back-up		10,444	(4,408)	122,420	(0.238%)	(291)			117,721		
12	B62	3000 kW Back-up		100,014	(42,212)	1,432,048	(0.978%)	(14,002)			1,375,834		
13	C06	Small C&I									22,482,431		
14	C08	Small C&I Unmetr	With C06								111,275		
15	E40	Storage Cooling	With G02								22,936		
16	G02	General C&I		97,801	(41,278)	37,386,897	(0.012%)	(4,395)			37,341,224		
17	G32	200 kW Demand		1,630,690	(688,258)	34,865,723	(0.238%)	(83,019)	151,469	366,868	34,461,313		
18	G62	3000 kW Demand		890,020	(375,647)	4,706,272	(0.978%)	(46,016)			4,284,609		
19	R02	Traffic Signals	With C06								189,910		
20	S10/S1	Private Lighting/Street	Lighting								10,154,816		
21	X01	Propulsion									535,936		
22				2,728,969	(1,151,804)	78,513,360		(147,724)	151,469	366,868	231,655,733		
23		C-6 Small C&I- Metered											
24													
25													
26		C-6 Small C&I- Unmetered											
27													
28													
29		B32 Demand- Supplemental (over 2(											
30		B32 Demand- Backup (over Supplen											
31													
32		B62 Demand- Supplemental											
33		B62 Demand- Backup (over Supplen											
34													

Rate Design for Station Power- Rate M-01

Line		Billing Units	Current Rate	Revenue		Revenue
1	Compliance Revenue Allocation					**$131,539**
2						
3	Customer Charge:					
4	Number of Monthly Bills	36	$3,406.18	$122,622	$3,653.85	$131,539
5	**Customer Charge Revenue**	36		**122,622**		**131,539**
6						
7	**Total Revenue**			**$122,622**		**$131,539**

Schedule NG-HSG-7 (C) - Amended

Transmission Rate Design

2010 Compliance Retail Transmission Rates

Line		Total	A-16	A-60	C-06	G-02	B-32 / G-32	B-62 / G-62	S-10 / S-14	X-01
	Retail Tranmsission Revenue at Current Rates									
1	Current Retail Transmission Charges - per kW					$1.40	$1.27	$1.39		$1.34
2	Current Retail Transmission Charges - per kWh		$0.01500	$0.01402	$0.01600	$0.01064	$0.01064	$0.01064	$0.01323	$0.01064
3A	Forecast Billed 2010 Demand- kW	11,145,124				3,747,594	5,901,279	1,301,916		194,335
3B	Forecast Actual 2010 Demand- kW	11,826,124				4,428,594	5,901,279	1,301,916		194,335
4	Forecast 2010 Deliveries- kWh X 1000	7,662,969	2,842,814	194,799	552,429	1,371,694	2,041,538	565,378	68,382	25,935
5	Retail Transmission Revenue at Current Rates	$112,536,532	$42,642,210	$2,731,084	$8,838,862	$19,841,452	$29,216,592	$7,825,284	$904,689	$536,360
6	Retail Transmission Revenue at Current Rates	$112,536,532	$45,373,294	This class combined with Rate A-16 for rate design purposes	$8,838,862	$19,841,452	$37,041,876	This class combined with Rate G/B-32 for rate design purposes	$904,689	$536,360
	Allocation of Revenue to Rate Classes									
7	Coincident Peak with NEP's Peak- kW	1,374,712	604,653		110,651	245,391	398,509		8,972	6,536
8	Coincident Peak Allocator	100.00%	43.98%		8.05%	17.85%	28.99%		0.65%	0.48%
9	Allocated 2010 Total Transmission Revenue	$112,536,532	$49,498,029		$9,058,124	$20,088,164	$32,622,698		$734,441	$535,076
	Retail Transmission Rates									
10	**Compliance kW-based Transmission Rate**					**$2.29**	**$2.28**	**$2.28**		**$2.01**
11	Retail kW-Based Transmission Revenue	$26,955,379				$10,141,480	$16,423,286			$390,613
12	Revenue to be Recovered on kWh-basis	$85,581,153	$49,498,029		$9,058,124	$9,946,684	$16,199,412		$734,441	$144,463
13	**Compliance kWh-based Transmission Rate**		**$0.01630**	**$0.01630**	**$0.01640**	**$0.00725**	**$0.00621**	**$0.00621**	**$0.01074**	**$0.00557**
14	Retail kWh-based Transmission Revenue	$85,585,534	$49,513,094		$9,059,834	$9,944,779	$16,188,949		$734,419	$144,459
	Retail Tranmsission Revenue Proof at Compliance Rates									
15	Retail Transmission Revenue at Compliance Rates	$112,540,912	$49,513,094		$9,059,834	$20,086,259	$32,612,235		$734,419	$535,073
16	Difference from Current Revenue Allocated on CP @ NEP peak	$4,380	$15,065		$1,709	($1,905)	($10,463)		($22)	($3)
17	Revenue at Compliance Rates	$112,540,912	$46,337,868	$3,175,226	$9,059,834	$20,086,259	$26,132,869	$6,479,366	$734,419	$535,073
18	Difference between Proposed Rev and Current Rev	4,380	$3,695,658	$444,142	$220,972	$244,807	($3,083,723)	($1,345,918)	($170,270)	($1,287)
19	Adjustment to Distribution Rev (50% of Difference)	(2,190)	($1,847,829)	($222,071)	($110,486)	($122,404)	$1,541,861	$672,959	$85,135	$644
	Transmission Related Uncollectibles Adjustment Factor									
20	Total Transmission Revenue	$112,540,912	$49,513,094		$9,059,834	$20,086,259	$32,612,235		$734,419	$535,073
21	Approved Uncollectibles Rate in Docket 4065	0.940%								
22	Transmission-Related Uncollectibles Expense	$1,057,885	$465,423		$85,162	$188,811	$306,555		$6,904	$5,030
23	Transmission Uncollectibles Factor	$0.00013	$0.00015	$0.00015	$0.00015	$0.00013	$0.00011	$0.00011	$0.00010	$0.00019
	Final Compliance Transmission Charges									
24	**Compliance kW Charges**					**$2.29**	**$2.28**	**$2.28**		**$2.01**
25	**Compliance kWh Charges incl. Uncollectibles Adj Factor**		**$0.01645**	**$0.01645**	**$0.01655**	**$0.00738**	**$0.00632**	**$0.00632**	**$0.01084**	**$0.00576**

Line Notes

(1), (2) Per current tariff
(3) A) Schedule NG-HSG-2 (C), Page 7, plus X01; B) Add 681,000 kW below 10kW-month for G2
(4) Schedule NG-HSG-2 (C), Page 8
(5) [Line (1) x Line (3A] + [Line (2) x Line (4)]
(6) Line (5) for Combined Classes
(7) Schedule NG-HSG-2 (C), Page 30
(8) Line (7) ÷ Line (7) Total
(9) Line (8) x Line (5) Total
(10) Compliance rates
(11) Line (3B) x Line (10)
(12) Line (9) - Line (11)
(13) Line (12) ÷ Line (4) (truncated to 5 decimal places)
(14) Line (4) X Line (13)
(15) Line (11) + Line (14)
(16) Line (15) - Line (9)
(17) Line (3b) x Line (10) + Line (4) x Line (13)
(18) Line (17) - Line (5)
(19) Line (18) x 50%
(20) Line (15)
(21) per Commission decision
(22) Line (20) * Line (21)
(23) Line (22) ÷ Line (4), truncated to 5 decimal places
(24) Line (10)
(25) Line (13) + Line (23)

Schedule NG-HSG-8 (C)
Amended

Schedule NG-HSG-8 (C) - Amended

2.4 kV Discount and High Voltage Delivery (115 KV)

Narragansett Electric Company
2.4 kV Discount and High Voltage Delivery (115 kV) Discount

Line		
1	.24 kV Discount	
2	From Exhibit NG-HSG-1, Page 50, Line 21	
3	**Transformer Billing Credit per kW-month**	**$0.42**
4		
5		
6	High Voltage Delivery (115kV) Discount	
7	C&I Demand Rate Charge per Billing Demand kW	$2.00
8		
9	**High Voltage Delivery (115kV) Discount Rate per kW-month**	**$2.00**
10		
11	**Second Feeder Service Rate per kW-month**	**$2.42**

Schedule NG-HSG-9 (C)
Amended

Schedule NG-HSG-9 (C) - Amended

Typical Bills

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on A-16 Rate Customers

Monthly kWh	Present Rates Total	Present Rates Standard Offer	Present Rates Delivery	Compliance Rates Total	Compliance Rates Standard Offer	Compliance Rates Delivery	Increase/(Decrease) Amount	Increase/(Decrease) % of Total	Percentage of Custs
120	$21.31	$11.62	$9.69	$22.87	$11.76	$11.11	$1.56	7.3%	20.3%
240	$39.75	$23.23	$16.52	$41.85	$23.53	$18.32	$2.10	5.3%	14.5%
500	$79.71	$48.40	$31.31	$82.94	$49.01	$33.93	$3.23	4.1%	11.2%
700	$110.44	$67.76	$42.68	$114.55	$68.61	$45.94	$4.11	3.7%	10.3%
950	$148.87	$91.96	$56.91	$154.08	$93.12	$60.96	$5.21	3.5%	9.7%
1,000	$156.55	$96.80	$59.75	$161.98	$98.02	$63.96	$5.43	3.5%	9.6%

Present Rates:	A-16	
Customer Charge		$2.75
Transmission Charge (1)	kWh x	$0.01500
Distribution Energy Charge	kWh x	$0.03376
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	$0.09293

Compliance Rates:	A-16	
Customer Charge		$3.75
Transmission Charge (3)	kWh x	$0.01645
Distribution Energy Charge (4)	kWh x	$0.03535
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (5)	kWh x	$0.09410

Note (1): Includes Transmission Adjustment Factor of $0.01064/kWh
Note (2): Includes Standard Offer Charge of $0.092/kWh and Renewable Energy Standard Charge of $0.00093/kWh
Note (3): Includes Transmission Uncollectible Factor of $0.00015 per kWh
Note (4): Includes Lost Revenue Factor of $0.00061 per kWh
Note (5): Includes Standard Offer Charge of $0.092/kWh, Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00117/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on A-60 Rate Customers

Monthly kWh	Present Rates Total	Present Rates Standard Offer	Present Rates Delivery	Compliance Rates Total	Compliance Rates Standard Offer	Compliance Rates Delivery	Increase/(Decrease) Amount	Increase/(Decrease) % of Total
100	$13.51	$9.68	$3.83	$14.33	$9.80	$4.53	$0.82	6.1%
200	$27.02	$19.36	$7.66	$28.66	$19.60	$9.06	$1.64	6.1%
300	$40.52	$29.04	$11.48	$43.00	$29.41	$13.59	$2.48	6.1%
500	$68.25	$48.40	$19.85	$71.67	$49.01	$22.66	$3.42	5.0%
750	$105.58	$72.60	$32.98	$107.50	$73.52	$33.98	$1.92	1.8%
1250	$179.98	$121.00	$58.98	$179.17	$122.53	$56.64	-$0.81	-0.5%

Present Rates: A-60		
Customer Charge		$0.00
Transmission Charge (1)	kWh x	$0.01402
Initial Block Energy Charge (1st 450 kWh)	kWh x	$0.01688
Second Block Energy Charge (next 750 kWh)	kWh x	$0.03055
Tail Block Energy Charge	kWh x	$0.02548
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	$0.09293

Compliance Rates: A-60		
Customer Charge		$0.00
Transmission Charge (3)	kWh x	$0.01645
Distribution Energy Charge (4)	kWh x	$0.02120
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (5)	kWh x	$0.09410

Note (1): Includes Transmission Adjustment Factor of $0.01064/kWh
Note (2): Includes Standard Offer Charge of $0.092/kWh and Renewable Energy Standard Charge of $0.00093/kWh
Note (3): Includes Transmission Uncollectible Factor of $0.00015 per kWh
Note (4): Includes Lost Revenue Factor of $0.00016 per kWh
Note (5): Includes Standard Offer Charge of $0.092/kWh, Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00117/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on C-06 Rate Customers

Monthly kWh	Present Rates Total	Present Rates Standard Offer	Present Rates Delivery	Compliance Rates Total	Compliance Rates Standard Offer	Compliance Rates Delivery	Increase/(Decrease) Amount	Increase/(Decrease) % of Total	Percentage of Custs
250	$45.58	$24.20	$21.38	$47.40	$24.51	$22.89	$1.82	4.0%	35.2%
500	$84.91	$48.40	$36.51	$86.46	$49.01	$37.45	$1.55	1.8%	17.0%
1,000	$163.56	$96.80	$66.76	$164.58	$98.02	$66.56	$1.02	0.6%	19.0%
1,500	$242.22	$145.20	$97.02	$242.71	$147.03	$95.68	$0.49	0.2%	9.8%
2,000	$320.87	$193.60	$127.27	$320.83	$196.04	$124.79	-$0.04	0.0%	19.1%

Present Rates:	C-06	
Customer Charge		$6.00
Transmission Charge (1)	kWh x	$0.01600
Distribution Energy Charge	kWh x	$0.03624
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	$0.09293

Compliance Rates:	C-06	
Customer Charge		$8.00
Transmission Charge (3)	kWh x	$0.01655
Distribution Energy Charge (4)	kWh x	$0.03350
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (5)	kWh x	$0.09410

Note (1): Includes Transmission Adjustment Factor of $0.01064/kWh
Note (2): Includes Standard Offer Charge of $0.092/kWh and Renewable Energy Standard Charge of $0.00093/kWh
Note (3): Includes Transmission Uncollectible Factor of $0.00015 per kWh
Note (4): Includes Lost Revenue Factor of $0.00006 per kWh
Note (5): Includes Standard Offer Charge of $0.092/kWh, Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00117/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-02 Rate Customers

Hours Use: 200

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	4,000	$598.22	$341.29	$256.93	$657.87	$345.54	$312.33	$59.65	10.0%
50	10,000	$1,406.16	$853.23	$552.93	$1,519.68	$863.85	$655.83	$113.52	8.1%
100	20,000	$2,752.72	$1,706.46	$1,046.26	$2,956.04	$1,727.71	$1,228.33	$203.32	7.4%
150	30,000	$4,099.28	$2,559.69	$1,539.59	$4,392.39	$2,591.56	$1,800.83	$293.11	7.2%

Present Rates:	G-02	
Customer Charge		$103.41
Transmission Demand Charge-xcs 10 kW	kW x	$1.40
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	$3.22
Distribution Energy Charge	kWh x	$0.00777
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates:	G-02	
Customer Charge		$125.00
Transmission Demand Charge	kW x	$2.29
Transmission Charge (2)	kWh x	$0.00738
Distribution Demand Charge-xcs 10 kW	kW x	$4.50
Distribution Energy Charge (3)	kWh x	$0.00778
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00013 per kWh
Note (3): Includes Lost Revenue Factor of $0.00072 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-02 Rate Customers

Hours Use: 300

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	6,000	$819.41	$511.94	$307.47	$874.41	$518.31	$356.10	$55.00	6.7%
50	15,000	$1,959.12	$1,279.84	$679.28	$2,061.04	$1,295.78	$765.26	$101.92	5.2%
100	30,000	$3,858.66	$2,559.69	$1,298.97	$4,038.75	$2,591.56	$1,447.19	$180.09	4.7%
150	45,000	$5,758.19	$3,839.53	$1,918.66	$6,016.45	$3,887.34	$2,129.11	$258.26	4.5%

Present Rates: G-02

Customer Charge		$103.41
Transmission Demand Charge-xcs 10 kW	kW x	$1.40
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	$3.22
Distribution Energy Charge	kWh x	$0.00777
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates: G-02

Customer Charge		$125.00
Transmission Demand Charge	kW x	$2.29
Transmission Charge (2)	kWh x	$0.00738
Distribution Demand Charge-xcs 10 kW	kW x	$4.50
Distribution Energy Charge (3)	kWh x	$0.00778
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00013 per kWh
Note (3): Includes Lost Revenue Factor of $0.00072 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-02 Rate Customers

Hours Use: 400

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	8,000	$1,040.59	$682.58	$358.01	$1,090.96	$691.08	$399.88	$50.37	4.8%
50	20,000	$2,512.10	$1,706.46	$805.64	$2,602.40	$1,727.71	$874.69	$90.30	3.6%
100	40,000	$4,964.60	$3,412.92	$1,551.68	$5,121.46	$3,455.42	$1,666.04	$156.86	3.2%
150	60,000	$7,417.10	$5,119.38	$2,297.72	$7,640.53	$5,183.13	$2,457.40	$223.43	3.0%

Present Rates:	G-02	
Customer Charge		$103.41
Transmission Demand Charge-xcs 10 kW	kW x	$1.40
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	$3.22
Distribution Energy Charge	kWh x	$0.00777
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates:	G-02	
Customer Charge		$125.00
Transmission Demand Charge	kW x	$2.29
Transmission Charge (2)	kWh x	$0.00738
Distribution Demand Charge-xcs 10 kW	kW x	$4.50
Distribution Energy Charge (3)	kWh x	$0.00778
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00013 per kWh
Note (3): Includes Lost Revenue Factor of $0.00072 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-02 Rate Customers

Hours Use: 500

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	10,000	$1,261.78	$853.23	$408.55	$1,307.50	$863.85	$443.65	$45.72	3.6%
50	25,000	$3,065.06	$2,133.07	$931.99	$3,143.75	$2,159.64	$984.11	$78.69	2.6%
100	50,000	$6,070.54	$4,266.15	$1,804.39	$6,204.17	$4,319.27	$1,884.90	$133.63	2.2%
150	75,000	$9,076.00	$6,399.22	$2,676.78	$9,264.59	$6,478.91	$2,785.68	$188.59	2.1%

Present Rates: G-02

Customer Charge		$103.41
Transmission Demand Charge-xcs 10 kW	kW x	$1.40
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	$3.22
Distribution Energy Charge	kWh x	$0.00777
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates: G-02

Customer Charge		$125.00
Transmission Demand Charge	kW x	$2.29
Transmission Charge (2)	kWh x	$0.00738
Distribution Demand Charge-xcs 10 kW	kW x	$4.50
Distribution Energy Charge (3)	kWh x	$0.00778
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00013 per kWh
Note (3): Includes Lost Revenue Factor of $0.00072 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-32 Rate Customers

Hours Use: 200

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	40,000	$5,395.87	$3,412.92	$1,982.95	$5,587.92	$3,455.42	$2,132.50	$192.05	3.6%
750	150,000	$19,557.22	$12,798.44	$6,758.78	$19,952.08	$12,957.81	$6,994.27	$394.86	2.0%
1,000	200,000	$25,994.19	$17,064.58	$8,929.61	$26,481.25	$17,277.08	$9,204.17	$487.06	1.9%
1,500	300,000	$38,868.16	$25,596.88	$13,271.28	$39,539.59	$25,915.63	$13,623.96	$671.43	1.7%
2,500	500,000	$64,616.07	$42,661.46	$21,954.61	$65,656.25	$43,192.71	$22,463.54	$1,040.18	1.6%

Present Rates:	G-32	
Customer Charge		$236.43
Transmission Demand Charge	kW x	$1.27
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge	kW x	$1.99
Distribution Energy Charge	kWh x	$0.00889
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates:	G-32	
Customer Charge		$750.00
Transmission Demand Charge	kW x	$2.28
Transmission Charge (2)	kWh x	$0.00632
Distribution Demand Charge-xcs 200 kW	kW x	$2.00
Distribution Energy Charge (3)	kWh x	$0.00886
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00011 per kWh
Note (3): Includes Lost Revenue Factor of $0.00017 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-32 Rate Customers

Hours Use: 300

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	60,000	$7,631.08	$5,119.38	$2,511.70	$7,753.76	$5,183.13	$2,570.63	$122.68	1.6%
750	225,000	$27,939.25	$19,197.66	$8,741.59	$28,073.96	$19,436.72	$8,637.24	$134.71	0.5%
1,000	300,000	$37,170.24	$25,596.88	$11,573.36	$37,310.42	$25,915.63	$11,394.79	$140.18	0.4%
1,500	450,000	$55,632.22	$38,395.31	$17,236.91	$55,783.34	$38,873.44	$16,909.90	$151.12	0.3%
2,500	750,000	$92,556.18	$63,992.19	$28,563.99	$92,729.16	$64,789.06	$27,940.10	$172.98	0.2%

Present Rates:	G-32	
Customer Charge		$236.43
Transmission Demand Charge	kW x	$1.27
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge	kW x	$1.99
Distribution Energy Charge	kWh x	$0.00889
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates:	G-32	
Customer Charge		$750.00
Transmission Demand Charge	kW x	$2.28
Transmission Charge (2)	kWh x	$0.00632
Distribution Demand Charge-xcs 200 kW	kW x	$2.00
Distribution Energy Charge (3)	kWh x	$0.00886
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00011 per kWh
Note (3): Includes Lost Revenue Factor of $0.00017 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-32 Rate Customers

Hours Use: 400

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	80,000	$9,866.28	$6,825.83	$3,040.45	$9,919.58	$6,910.83	$3,008.75	$53.30	0.5%
750	300,000	$36,321.29	$25,596.88	$10,724.41	$36,195.84	$25,915.63	$10,280.21	-$125.45	-0.3%
1,000	400,000	$48,346.28	$34,129.17	$14,217.11	$48,139.59	$34,554.17	$13,585.42	-$206.69	-0.4%
1,500	600,000	$72,396.28	$51,193.75	$21,202.53	$72,027.08	$51,831.25	$20,195.83	-$369.20	-0.5%
2,500	1,000,000	$120,496.28	$85,322.92	$35,173.36	$119,802.09	$86,385.42	$33,416.67	-$694.19	-0.6%

Present Rates:	G-32	
Customer Charge		$236.43
Transmission Demand Charge	kW x	$1.27
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge	kW x	$1.99
Distribution Energy Charge	kWh x	$0.00889
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates:	G-32	
Customer Charge		$750.00
Transmission Demand Charge	kW x	$2.28
Transmission Charge (2)	kWh x	$0.00632
Distribution Demand Charge-xcs 200 kW	kW x	$2.00
Distribution Energy Charge (3)	kWh x	$0.00886
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00011 per kWh
Note (3): Includes Lost Revenue Factor of $0.00017 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-32 Rate Customers

Hours Use: 500

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	100,000	$12,101.49	$8,532.29	$3,569.20	$12,085.42	$8,638.54	$3,446.88	-$16.07	-0.1%
750	375,000	$44,703.31	$31,996.09	$12,707.22	$44,317.71	$32,394.53	$11,923.18	-$385.60	-0.9%
1,000	500,000	$59,522.32	$42,661.46	$16,860.86	$58,968.75	$43,192.71	$15,776.04	-$553.57	-0.9%
1,500	750,000	$89,160.35	$63,992.19	$25,168.16	$88,270.83	$64,789.06	$23,481.77	-$889.52	-1.0%
2,500	1,250,000	$148,436.39	$106,653.65	$41,782.74	$146,875.00	$107,981.77	$38,893.23	-$1,561.39	-1.1%

Present Rates: G-32

Customer Charge		$236.43
Transmission Demand Charge	kW x	$1.27
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge	kW x	$1.99
Distribution Energy Charge	kWh x	$0.00889
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates: G-32

Customer Charge		$750.00
Transmission Demand Charge	kW x	$2.28
Transmission Charge (2)	kWh x	$0.00632
Distribution Demand Charge-xcs 200 kW	kW x	$2.00
Distribution Energy Charge (3)	kWh x	$0.00886
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00011 per kWh
Note (3): Includes Lost Revenue Factor of $0.00017 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-62 Rate Customers

Hours Use: 200

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	600,000	$90,613.25	$51,193.75	$39,419.50	$92,988.25	$51,831.25	$41,157.00	$2,375.00	2.6%
5,000	1,000,000	$139,134.09	$85,322.92	$53,811.17	$143,092.42	$86,385.42	$56,707.00	$3,958.33	2.8%
7,500	1,500,000	$199,785.13	$127,984.38	$71,800.75	$205,722.63	$129,578.13	$76,144.50	$5,937.50	3.0%
10,000	2,000,000	$260,436.16	$170,645.83	$89,790.33	$268,352.83	$172,770.83	$95,582.00	$7,916.67	3.0%
20,000	4,000,000	$503,040.34	$341,291.67	$161,748.67	$518,873.67	$345,541.67	$173,332.00	$15,833.33	3.1%

Present Rates:	G-62	
Customer Charge		$17,118.72
Transmission Demand Charge	kW x	$1.39
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge	kW x	$2.22
Distribution Energy Charge	kWh x	$0.00000
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates:	G-62	
Customer Charge		$17,118.72
Transmission Demand Charge	kW x	$2.28
Transmission Charge (2)	kWh x	$0.00632
Distribution Demand Charge	kW x	$2.71
Distribution Energy Charge (3)	kWh x	$0.00020
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00011 per kWh
Note (3): Includes Lost Revenue Factor of $.00020 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-62 Rate Customers

Hours Use: 300

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
			Standard			Standard			
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3,000	900,000	$121,363.26	$76,790.63	$44,572.63	$122,769.51	$77,746.88	$45,022.63	$1,406.25	1.2%
5,000	1,500,000	$190,384.09	$127,984.38	$62,399.71	$192,727.84	$129,578.13	$63,149.71	$2,343.75	1.2%
7,500	2,250,000	$276,660.12	$191,976.56	$84,683.56	$280,175.75	$194,367.19	$85,808.56	$3,515.63	1.3%
10,000	3,000,000	$362,936.17	$255,968.75	$106,967.42	$367,623.67	$259,156.25	$108,467.42	$4,687.50	1.3%
20,000	6,000,000	$708,040.33	$511,937.50	$196,102.83	$717,415.33	$518,312.50	$199,102.83	$9,375.00	1.3%

Present Rates:	G-62	
Customer Charge		$17,118.72
Transmission Demand Charge	kW x	$1.39
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge	kW x	$2.22
Distribution Energy Charge	kWh x	$0.00000
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates:	G-62	
Customer Charge		$17,118.72
Transmission Demand Charge	kW x	$2.28
Transmission Charge (2)	kWh x	$0.00632
Distribution Demand Charge	kW x	$2.71
Distribution Energy Charge (3)	kWh x	$0.00020
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00011 per kWh
Note (3): Includes Lost Revenue Factor of $.00020 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-62 Rate Customers

Hours Use: 400

Monthly Power		Present Rates			Compliance Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	1,200,000	$152,113.25	$102,387.50	$49,725.75	$152,550.75	$103,662.50	$48,888.25	$437.50	0.3%
5,000	2,000,000	$241,634.08	$170,645.83	$70,988.25	$242,363.25	$172,770.83	$69,592.42	$729.17	0.3%
7,500	3,000,000	$353,535.13	$255,968.75	$97,566.38	$354,628.88	$259,156.25	$95,472.63	$1,093.75	0.3%
10,000	4,000,000	$465,436.17	$341,291.67	$124,144.50	$466,894.50	$345,541.67	$121,352.83	$1,458.33	0.3%
20,000	8,000,000	$913,040.33	$682,583.33	$230,457.00	$915,957.00	$691,083.33	$224,873.67	$2,916.67	0.3%

Present Rates: G-62

Customer Charge		$17,118.72
Transmission Demand Charge	kW x	$1.39
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge	kW x	$2.22
Distribution Energy Charge	kWh x	$0.00000
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates: G-62

Customer Charge		$17,118.72
Transmission Demand Charge	kW x	$2.28
Transmission Charge (2)	kWh x	$0.00632
Distribution Demand Charge	kW x	$2.71
Distribution Energy Charge (3)	kWh x	$0.00020
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00011 per kWh
Note (3): Includes Lost Revenue Factor of $.00020 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Calculation of Monthly Typical Bill
Comparison of Present and Compliance Rates
Impact on G-62 Rate Customers

Hours Use: 500

Monthly Power		Present Rates Standard			Compliance Rates Standard			Increase/(Decrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3,000	1,500,000	$182,863.26	$127,984.38	$54,878.88	$182,332.01	$129,578.13	$52,753.88	-$531.25	-0.3%
5,000	2,500,000	$292,884.08	$213,307.29	$79,576.79	$291,998.67	$215,963.54	$76,035.13	-$885.41	-0.3%
7,500	3,750,000	$430,410.13	$319,960.94	$110,449.19	$429,082.00	$323,945.31	$105,136.69	-$1,328.13	-0.3%
10,000	5,000,000	$567,936.16	$426,614.58	$141,321.58	$566,165.33	$431,927.08	$134,238.25	-$1,770.83	-0.3%
20,000	10,000,000	$1,118,040.34	$853,229.17	$264,811.17	$1,114,498.67	$863,854.17	$250,644.50	-$3,541.67	-0.3%

Present Rates: G-62

Customer Charge		$17,118.72
Transmission Demand Charge	kW x	$1.39
Transmission Charge	kWh x	$0.01064
Distribution Demand Charge	kW x	$2.22
Distribution Energy Charge	kWh x	$0.00000
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	$0.08191

Compliance Rates: G-62

Customer Charge		$17,118.72
Transmission Demand Charge	kW x	$2.28
Transmission Charge (2)	kWh x	$0.00632
Distribution Demand Charge	kW x	$2.71
Distribution Energy Charge (3)	kWh x	$0.00020
Transition Energy Charge	kWh x	$0.00235
C&LM Adjustment	kWh x	$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (4)	kWh x	$0.08293

Note (1): Includes Standard Offer Charge of $0.08098/kWh (March 2010) and Renewable Energy Standard Charge of $0.00093/kWh
Note (2): Includes Transmission Uncollectible Factor of $0.00011 per kWh
Note (3): Includes Lost Revenue Factor of $.00020 per kWh
Note (4): Includes Standard Offer Charge of $0.08098/kWh (March 2010), Renewable Energy Standard Charge of $0.00093/kWh, and Commodity Administrative Cost Adjustment Factor of $0.00102

Schedule NG-HSG-10 (C)
Amended

Schedule NG-HSG-10 (C) - Amended

Streetlight Impacts

Narragansett Electric Company
Rate S-10 Bill Impact

Luminaire Type	Compliance Lumens Description (2)	Lumens (3)	Annual kWh (4)	Current Luminaire Price (5)	Current Delivery Charge - Blackstone Valley (6)	Current Delivery Charge Newport Zone (7)	Current Delivery Charge Narragansett Zone (8)	Current Commodity Charge (9)	Current Revenue Blackstone Valley (10)	Current Revenue Newport Zone (11)	Current Revenue Narragansett Zone (12)	Compliance Luminaire Price (13)	Compliance Delivery Charge (14)	Compliance Commodity Charge (15)	Compliance Revenue (16)	Overall Increase Blackstone Amount (17)	Newport Amount (18)	Narragansett Amount (19)	Blackstone % (20)	Newport % (21)	Narragansett % (22)
Incandescent	LUM INC RWY 105W	1,000	438	$75.22	($0.02512)	($0.01010)	$0.01908	$0.09293	$104.92	$111.50	$124.28	$70.65	$0.02017	$0.09410	$120.70	$15.78	$9.20	-$3.58	15.04%	8.25%	-2.88%
Mercury Vapor	LUM MV POST 175W	8,500	881	$108.85	($0.02512)	($0.01010)	$0.01908	$0.09293	$168.59	$181.82	$207.53	$156.80	$0.02017	$0.09410	$257.47	$88.88	$75.65	$49.94	52.72%	41.61%	24.06%
Mercury Vapor	LUM MV RWY 100W	4,400	543	$58.40	($0.02512)	($0.01010)	$0.01908	$0.09293	$95.22	$103.38	$119.22	$70.65	$0.02017	$0.09410	$132.70	$37.48	$29.32	$13.48	39.36%	28.36%	11.30%
Mercury Vapor	LUM MV RWY 175W	8,500	881	$70.77	($0.02512)	($0.01010)	$0.01908	$0.09293	$130.51	$143.74	$169.45	$72.94	$0.02017	$0.09410	$173.61	$43.10	$29.87	$4.16	33.03%	20.78%	2.46%
Mercury Vapor	LUM MV RWY 400W	23,000	1,991	$122.31	($0.02512)	($0.01010)	$0.01908	$0.09293	$257.32	$287.22	$345.32	$120.39	$0.02017	$0.09410	$347.90	$90.58	$60.68	$2.58	35.20%	21.13%	0.75%
Mercury Vapor	LUM MV RWY 1000W	63,000	4,572	$234.25	($0.02512)	($0.01010)	$0.01908	$0.09293	$544.28	$612.95	$746.36	$163.46	$0.02017	$0.09410	$685.90	$141.63	$72.95	-$60.46	26.02%	11.90%	-8.10%
Mercury Vapor	LUM MV FLD 400W	23,000	1,991	$152.08	($0.02512)	($0.01010)	$0.01908	$0.09293	$287.09	$316.99	$375.09	$143.14	$0.02017	$0.09410	$370.65	$83.56	$53.66	-$4.44	29.11%	16.93%	-1.18%
Mercury Vapor	LUM MV FLD 1000W	63,000	4,572	$262.72	($0.02512)	($0.01010)	$0.01908	$0.09293	$572.75	$641.42	$774.83	$181.37	$0.02017	$0.09410	$703.81	$131.07	$62.39	-$71.02	22.88%	9.73%	-9.17%
Sodium Vapor	LUM HPS RWY 50W	4,000	255	$62.78	($0.02512)	($0.01010)	$0.01908	$0.09293	$80.07	$83.90	$91.34	$70.65	$0.02017	$0.09410	$99.79	$19.72	$15.89	$8.45	24.62%	18.94%	9.25%
Sodium Vapor	LUM HPS RWY 70W	6,300	349	$66.28	($0.02512)	($0.01010)	$0.01908	$0.09293	$89.95	$95.19	$105.37	$70.92	$0.02017	$0.09410	$110.80	$20.85	$15.61	$5.43	23.19%	16.40%	5.15%
Sodium Vapor	LUM HPS RWY 100W	9,600	493	$72.63	($0.02512)	($0.01010)	$0.01908	$0.09293	$106.06	$113.47	$127.85	$72.94	$0.02017	$0.09410	$129.28	$23.21	$15.81	$1.42	21.89%	13.93%	1.11%
Sodium Vapor	LUM HPS RWY 150W	16,000	722	$72.63	($0.02512)	($0.01010)	$0.01908	$0.09293	$121.59	$132.43	$153.50	$72.63	$0.02017	$0.09410	$155.13	$33.54	$22.70	$1.63	27.59%	17.14%	1.06%
Sodium Vapor	LUM HPS RWY 250W	27,500	1,269	$120.39	($0.02512)	($0.01010)	$0.01908	$0.09293	$206.44	$225.50	$262.53	$120.39	$0.02017	$0.09410	$265.40	$58.96	$39.90	$2.87	28.56%	17.69%	1.09%
Sodium Vapor	LUM HPS RWY 400W	50,000	1,962	$163.46	($0.02512)	($0.01010)	$0.01908	$0.09293	$296.50	$325.97	$383.22	$163.46	$0.02017	$0.09410	$387.66	$91.15	$61.69	$4.43	30.74%	18.92%	1.16%
Sodium Vapor	WALL HPS 250W 24HR	27,500	2,663	$172.21	($0.02512)	($0.01010)	$0.01908	$0.09293	$352.79	$392.79	$470.49	$172.21	$0.02017	$0.09410	$476.51	$123.72	$83.72	$6.02	35.07%	21.32%	1.28%
Sodium Vapor	LUM HPS POST 50W	4,000	255	$66.58	($0.02512)	($0.01010)	$0.01908	$0.09293	$83.87	$87.70	$95.14	$155.49	$0.02017	$0.09410	$184.63	$100.76	$96.93	$89.49	120.13%	110.52%	94.05%
Sodium Vapor	LUM HPS POST 100W	9,600	493	$78.56	($0.02512)	($0.01010)	$0.01908	$0.09293	$111.99	$119.40	$133.78	$156.80	$0.02017	$0.09410	$213.14	$101.14	$93.74	$79.35	90.32%	78.51%	59.32%
Sodium Vapor	LUM HPS FLD 250W	27,500	1,269	$143.14	($0.02512)	($0.01010)	$0.01908	$0.09293	$229.19	$248.25	$285.28	$143.14	$0.02017	$0.09410	$288.15	$58.96	$39.90	$2.87	25.72%	16.07%	1.01%
Sodium Vapor	LUM HPS FLD 400W	50,000	1,962	$181.37	($0.02512)	($0.01010)	$0.01908	$0.09293	$314.41	$343.88	$401.13	$181.37	$0.02017	$0.09410	$405.57	$91.15	$61.69	$4.43	28.99%	17.94%	1.11%
Sodium Vapor	SHOEBOX - LUM HPS RWY	9,600	493	$72.63	($0.02512)	($0.01010)	$0.01908	$0.09293	$106.06	$113.47	$127.85	$93.89	$0.02017	$0.09410	$150.23	$44.16	$36.76	$22.37	41.64%	32.40%	17.50%
Metal Halide	LUM MH FLD 400W	32,000	1,883	$0.00	($0.02512)	($0.01010)	$0.01908	$0.09293	$127.69	$155.97	$210.91	$181.37	$0.02017	$0.09410	$396.54	$268.85	$240.57	$185.63	210.56%	154.24%	88.01%
Metal Halide	LUM MH FLD 1000W	107,800	4,502	$0.00	($0.02512)	($0.01010)	$0.01908	$0.09293	$305.28	$372.90	$504.27	$181.37	$0.02017	$0.09410	$695.81	$390.53	$322.91	$191.54	127.93%	86.59%	37.98%
Overhead/Underground Service																					
Wood Poles	POLE-WOOD			$55.45								$79.15						$23.70			42.74%
Fiberglass w/out foundatio	POLE FIBER PT <25' w/out foundation			$57.34								$107.54						$50.20			87.55%
Fiberglass w/ foundation	POLE FIBER RWY <25' with foundation			$111.04								$165.66						$54.62			49.19%
Fiberglass w/ foundation	POLE FIBER RWY =>25' w/ foundation			$185.67								$185.67						$0.00			0.00%
Metallic w/out foundation	POLE METAL EMBEDDED (no foundation)			$253.37								$253.37						$0.00			0.00%
Metallic w/ foundation	POLE METAL=>25FT (with foundation)			$253.37								$309.78						$56.41			22.26%
	Wood Poles			$110.86								$79.15						-$31.71			-28.60%
	Fiberglass - no Base			$110.86								$107.54						-$3.32			-2.99%
	Metal Poles			$110.86								$309.78						$198.92			179.43%

Column Description:

Column (1)	per current tariff
Column (2)	bill print descriptions replace former luminaire codes
Column (3) - Column (9)	per current tariff
Column (10)	Column (5) + [Column (4) * (Column (6) + Column (9))]
Column (11)	Column (5) + [Column (4) * (Column (7) + Column (9))]
Column (12)	Column (5) + [Column (4) * (Column (8) + Column (9))]
Column (13)	per Schedule NG-HSG-5
Column (14)	Transmission charges per NG-HSG-7 + current transition rate + current C&LM rate
Column (15)	current Standard Offer Charge + Commodity Adm. Cost Adj. Factor per Workpaper NG-RLO-6
Column (16)	Column (13) + [Column (4) * (Column (14) + Column (15))]
Column (17)	Column (16) - Column (10)
Column (18)	Column (16) - Column (11)
Column (19)	Column (16) - Column (12)
Column (20)	Column (17) ÷ Column (10)
Column (21)	Column (18) ÷ Column (11)
Column (22)	Column (19) ÷ Column (12)

Narragansett Electric Company
Rate S-14 Bill Impact

Luminaire Type	Compliance Lumens Description (2)	Lumens (3)	Annual kWh (4)	Current Luminaire Price (5)	Current Delivery Charge - Blackstone Valley (6)	Current Delivery Charge Newport Zone (7)	Current Delivery Charge Narragansett Zone (8)	Current Commodity Charge (9)	Current Revenue Blackstone Valley (10)	Current Revenue Newport Zone (11)	Current Revenue Narragansett Zone (12)	Compliance Luminaire Price (13)	Compliance Delivery Charge (14)	Compliance Commodity Charge (15)	Compliance Revenue (16)	Blackstone Amount (17)	Newport Amount (18)	Narragansett Amount (19)	Overall Increase Blackstone % (20)	Overall Increase Newport % (21)	Overall Increase Narragansett % (22)
Incandescent	LUM INC RWY 105W	1,000	438	$75.22	($0.02512)	($0.01010)	$0.01908	$0.09293	$104.92	$111.50	$124.28	$70.65	$0.02017	$0.09410	$120.70	$15.78	$9.20	-$3.58	15.04%	8.25%	-2.88%
Incandescent	LUM INC RWY 205W	2,500	856	$67.45	($0.02512)	($0.01010)	$0.01908	$0.09293	$125.50	$138.35	$163.33	$70.65	$0.02017	$0.09410	$168.47	$42.97	$30.11	$5.13	34.24%	21.77%	3.14%
Mercury Vapor	LUM MV POST 175W	8,500	175	$108.85	($0.02512)	($0.01010)	$0.01908	$0.09293	$120.72	$123.35	$128.45	$156.80	$0.02017	$0.09410	$176.80	$56.08	$53.45	$48.35	46.46%	43.34%	37.64%
Mercury Vapor	LUM MV RWY 100W	4,400	543	$58.40	($0.02512)	($0.01010)	$0.01908	$0.09293	$95.22	$103.38	$119.22	$70.65	$0.02017	$0.09410	$132.70	$37.48	$29.32	$13.48	39.36%	28.36%	11.30%
Mercury Vapor	LUM MV RWY 175W	8,500	881	$70.77	($0.02512)	($0.01010)	$0.01908	$0.09293	$130.51	$143.74	$169.45	$72.94	$0.02017	$0.09410	$173.61	$43.10	$29.87	$4.16	33.03%	20.78%	2.46%
Mercury Vapor	LUM MV RWY 250W	13,000	1,282	$122.31	($0.02512)	($0.01010)	$0.01908	$0.09293	$209.24	$228.50	$265.91	$72.94	$0.02017	$0.09410	$219.43	$10.19	-$9.06	-$46.47	4.87%	-3.97%	-17.48%
Mercury Vapor	LUM MV RWY 400W	23,000	1,991	$122.31	($0.02512)	($0.01010)	$0.01908	$0.09293	$257.32	$287.22	$345.32	$120.39	$0.02017	$0.09410	$347.90	$90.58	$60.68	$2.58	35.20%	21.13%	0.75%
Mercury Vapor	LUM MV RWY 1000W	63,000	4,572	$234.25	($0.02512)	($0.01010)	$0.01908	$0.09293	$544.28	$612.95	$746.36	$163.46	$0.02017	$0.09410	$685.90	$141.63	$72.95	-$60.46	26.02%	11.90%	-8.10%
Mercury Vapor	LUM MV FLD 400W	23,000	1,991	$152.08	($0.02512)	($0.01010)	$0.01908	$0.09293	$287.09	$316.99	$375.09	$143.14	$0.02017	$0.09410	$370.65	$83.56	$53.66	-$4.44	29.11%	16.93%	-1.18%
Mercury Vapor	LUM MV FLD 1000W	63,000	4,572	$262.72	($0.02512)	($0.01010)	$0.01908	$0.09293	$572.75	$641.42	$774.83	$181.37	$0.02017	$0.09410	$703.81	$131.07	$62.39	-$71.02	22.88%	9.73%	-9.17%
Sodium Vapor	LUM HPS RWY 50W	4,000	255	$62.78	($0.02512)	($0.01010)	$0.01908	$0.09293	$80.07	$83.90	$91.34	$70.65	$0.02017	$0.09410	$99.79	$19.72	$15.89	$8.45	24.62%	18.94%	9.25%
Sodium Vapor	LUM HPS RWY 70W	6,300	359	$66.28	($0.02512)	($0.01010)	$0.01908	$0.09293	$90.62	$96.02	$106.49	$70.92	$0.02017	$0.09410	$111.94	$21.32	$15.93	$5.45	23.52%	16.59%	5.12%
Sodium Vapor	LUM HPS RWY 100W	9,600	493	$72.63	($0.02512)	($0.01010)	$0.01908	$0.09293	$106.06	$113.47	$127.85	$72.94	$0.02017	$0.09410	$129.28	$23.21	$15.81	$1.42	21.89%	13.93%	1.11%
Sodium Vapor	LUM HPS RWY 150W	16,000	722	$72.63	($0.02512)	($0.01010)	$0.01908	$0.09293	$121.59	$132.43	$153.50	$72.63	$0.02017	$0.09410	$155.13	$33.54	$22.70	$1.63	27.59%	17.14%	1.06%
Sodium Vapor	LUM HPS RWY 250W	27,500	1,269	$120.39	($0.02512)	($0.01010)	$0.01908	$0.09293	$206.44	$225.50	$262.53	$120.39	$0.02017	$0.09410	$265.40	$58.96	$39.90	$2.87	28.56%	17.69%	1.09%
Sodium Vapor	LUM HPS RWY 400W	50,000	1,962	$163.46	($0.02512)	($0.01010)	$0.01908	$0.09293	$296.50	$325.97	$383.22	$163.46	$0.02017	$0.09410	$387.66	$91.15	$61.69	$4.43	30.74%	18.92%	1.16%
Sodium Vapor	WALL HPS 250W 24HR	27,500	2,663	$172.21	($0.02512)	($0.01010)	$0.01908	$0.09293	$352.79	$392.79	$470.49	$172.21	$0.02017	$0.09410	$476.51	$123.72	$83.72	$6.02	35.07%	21.32%	1.28%
Sodium Vapor	LUM HPS POST 50W	4,000	50	$62.78	($0.02512)	($0.01010)	$0.01908	$0.09293	$66.17	$66.92	$68.38	$155.49	$0.02017	$0.09410	$161.20	$95.03	$94.28	$92.82	143.62%	140.88%	135.74%
Sodium Vapor	LUM HPS POST 100W	9,600	493	$78.56	($0.02512)	($0.01010)	$0.01908	$0.09293	$111.99	$119.40	$133.78	$156.80	$0.02017	$0.09410	$213.14	$101.14	$93.74	$79.35	90.32%	78.51%	59.32%
Sodium Vapor	LUM HPS FLD 250W	27,500	1,269	$143.14	($0.02512)	($0.01010)	$0.01908	$0.09293	$229.19	$248.25	$285.28	$143.14	$0.02017	$0.09410	$288.15	$58.96	$39.90	$2.87	25.72%	16.07%	1.01%
Sodium Vapor	LUM HPS FLD 400W	50,000	1,962	$181.37	($0.02512)	($0.01010)	$0.01908	$0.09293	$314.41	$343.88	$401.13	$181.37	$0.02017	$0.09410	$405.57	$91.15	$61.69	$4.43	28.99%	17.94%	1.11%
Metal Halide	LUM MH FLD 400W	32,000	1,883	$181.37	($0.02512)	($0.01010)	$0.01908	$0.09293	$309.06	$337.34	$392.28	$181.37	$0.02017	$0.09410	$396.54	$87.48	$59.20	$4.26	28.31%	17.55%	1.08%
Metal Halide	LUM MH FLD 1000W	107,800	4,502	$181.37	($0.02512)	($0.01010)	$0.01908	$0.09293	$486.65	$554.27	$685.64	$181.37	$0.02017	$0.09410	$695.81	$209.16	$141.54	$10.17	42.98%	25.54%	1.48%
Overhead/Underground Service																					
Wood Poles	POLE-WOOD			$55.45								$79.15						$23.70			42.74%
Fiberglass w/out foundation	POLE FIBER PT <25' w/out foundation			$57.34								$107.54						$50.20			87.55%
Fiberglass w/ foundation	POLE FIBER RWY <25' with foundation			$111.04								$165.66						$54.62			49.19%
Fiberglass w/ foundation	POLE FIBER RWY =>25' w/ foundation			$185.67								$185.67						$0.00			0.00%
Metallic w/out foundation	POLE METAL EMBEDDED (no foundation)			$253.37								$253.37						$0.00			0.00%
Metallic w/ foundation	POLE METAL=>25FT (with foundation)			$253.37								$309.78						$56.41			22.26%
Metal With Foundation				$110.86								$79.15						-$31.71			-28.60%
Fiberglass - No Base				$110.86								$107.54						-$3.32			-2.99%
Wood Poles				$110.86								$309.78						$198.92			179.43%

Column Description:

Column (1)	per current tariff
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Column (3) - Column (9)	per current tariff
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Column (13)	per Schedule NG-HSG-5
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Column (15)	current Standard Offer Charge + Commodity Adm. Cost Adj. Factor per Workpaper NG-RLO-6
Column (16)	Column (13) + [Column (4) * (Column (14) + Column (15))]
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Column (20)	Column (17) ÷ Column (10)
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Column (22)	Column (19) ÷ Column (12)

Schedule NG-HSG-11 (C)
Amended

Schedule NG-HSG-11 (C) - Amended

Clean Versions of Compliance Retail Delivery Service Tariffs and Tariff Provisions

See Book 2 of 2 for Schedule NG-HSG-11 (C) - Amended

Schedule NG-HSG-12 (C) - Amended

Compliance Retail Delivery Service Tariffs and Tariff Provisions, Marked to Show Changes from Currently Effective Tariffs and Tariff Provisions

See Book 2 of 2 for Schedule NG-HSG-12 (C) - Amended

Schedule NG-HSG-13 (C)
Amended

Schedule NG-HSG-13 (C) - Amended

Calculation of Lost Revenue Factor

The Narragansett Electric Company
Calculation of Lost Revenue Factor
For Usage January 1, 2010 through February 28, 2010

	Rate Class	Commodity Administrative Cost Adj. Factor (a)	Transmission-Related Uncollectible Exp. Factor (b)	Base Distribution Revenue (c)	Total Lost Revenue (d)	Forecast kWh Mar-2010 through Mar-2011 (e)	Lost Revenue Factor (f)
(1)	A16	$531,400	$70,449	$1,239,903	$1,841,752	3,016,294,916	$0.00061
(2)	A60	$41,090	$5,434	($7,246)	$39,278	237,241,616	$0.00016
(3)	G32/B32	$133,819	$32,807	$193,851	$360,477	2,089,630,094	$0.00017
(4)	G62/B62	$31,555	$8,643	$80,925	$121,123	600,600,417	$0.00020
(5)	C06	$90,368	$12,498	($68,324)	$34,542	572,517,086	$0.00006
(6)	G02	$120,014	$30,167	$956,065	$1,106,246	1,535,928,468	$0.00072
(7)	M1	$0	$0	$0	$0	0	$0.00000
(8)	S	$12,938	$1,420	$273,471	$287,829	82,702,940	$0.00348
(9)	X01	$1,488	$754	$51,295	$53,537	28,292,040	$0.00189
(10)	Totals	$962,672	$162,172	$2,719,940	$3,844,784	8,163,207,576	

Note: M-1 revenue increase is only $9,014. Lost revenue associated with this rate class is insignificant for purposes of estimated the lost revenue recovery.

(a) Page 2, Column (o)
(b) Page 3, Column (l)
(c) Page 4, Column ()
(d) Column (a) + Column (b) + Column (c)
(e) Per Company forecast
(f) Column (d) ÷ Column (e), truncated after 5 decimal places

The Narragansett Electric Company
Calculation of Lost Revenue - Standard offer Administrative Adjustment Factor
For Usage January 1, 2010 through February 28, 2010

Rate Class	Commodity Administrative Cost Adj. Factor (a)	Jan-2010 Actual Standard Offer kWh (b)	Jan-2010 Prorate (c)	Jan-2010 Prorated Standard Offer kWh (d)	Jan-2010 Prorated Commodity Admin Cost Revenue (e)	Feb-2010 Forecast kWh (f)	Feb-2010 Estimated % of Standard Offer kWh to Total kWh (g)	Feb-2010 Estimated Standard Offer kWh (h)	Feb-2010 Commodity Admin Cost Revenue (i)	Mar-2010 Forecast kWh (j)	Mar-2010 Estimated % of Standard Offer kWh to Total kWh (k)	Mar-2010 Prorate (l)	Mar-2010 Prorated Standard Offer kWh (m)	Mar-2010 Prorated Commodity Admin Cost Revenue (n)	Lost Revenue - Commodity Administrative Cost Adj. Factor (o)
A16	$0.00117	280,316,131	43.48%	121,881,454	$142,601	226,791,587	95.81%	217,284,509	$254,223	240,110,174	95.81%	50.00%	115,022,391	$134,576	$531,400
A60	$0.00117	23,983,371	43.48%	10,427,970	$12,201	15,318,871	95.81%	14,676,705	$17,172	20,905,729	95.81%	50.00%	10,014,681	$11,717	$41,090
B32	$0.00102	37,378	43.48%	16,252	$17	477,429	47.04%	224,598	$229	477,429	47.04%	50.00%	112,299	$115	$361
B62	$0.00102	3,381,584	43.48%	1,470,313	$1,500	12,550,600	47.04%	5,904,212	$6,022	12,550,600	47.04%	50.00%	2,952,106	$3,011	$10,533
C06	$0.00117	35,198,046	43.48%	15,304,110	$17,906	45,173,282	95.81%	43,279,623	$50,637	38,939,358	95.81%	50.00%	18,653,512	$21,825	$90,368
G02	$0.00102	73,833,467	43.48%	32,102,791	$32,745	110,040,508	47.04%	51,766,644	$52,802	143,660,641	47.04%	50.00%	33,791,326	$34,467	$120,014
G32	$0.00102	64,226,059	43.48%	27,925,490	$28,484	159,586,500	47.04%	75,074,695	$76,576	118,362,592	47.04%	50.00%	27,840,812	$28,398	$133,458
G62	$0.00102	5,323,684	43.48%	2,314,738	$2,361	28,951,075	47.04%	13,619,530	$13,892	19,878,378	47.04%	50.00%	4,675,719	$4,769	$21,022
S	$0.00117	1,689,497	43.48%	734,593	$859	7,448,047	95.81%	7,135,825	$8,349	6,654,619	95.81%	50.00%	3,187,829	$3,730	$12,938
X01	$0.00102	0	43.48%	0	$0	2,047,602	47.04%	963,259	$983	2,105,117	47.04%	50.00%	495,158	$505	$1,488
Totals		487,989,217		212,177,712	$238,674	608,385,501		429,929,600	$480,885	603,644,636			216,745,833	$243,113	$962,672

Column Descriptions:
(a) Schedule NG-RLO-6 (C), Page 1, Line (3)
(b) from Company revenue reports
(c) Percentage of kWh billed in January 2010 for usage in January 2010, per company reports
(d) Column (b) x Column (c)
(e) Column (a) x Column (d)
(f) per Company forecast
(g) Percentage of kWh billed to Standard Offer customers as a percent of kWh billed to all customers
(h) Column (f) x Column (g)
(i) Column (a) x Column (h)
(j) per Company forecast
(k) Percentage of kWh billed to Standard Offer customers as a percent of kWh billed to all customers
(l) Estimated at 50%
(m) Column (j) x Column (k) x Column (l)
(n) Column (a) x Column (m)
(o) Column (e) + Column (i) + Column (n)

The Narragansett Electric Company
Calculation of Lost Revenue - Transmission-Related Uncollectible Factor
For Usage January 1, 2010 through February 28, 2010

Rate Class	Transmission Related Uncollectible Factor (a)	Jan-2010 Actual kWh (b)	Jan-2010 Prorate (c)	Jan-2010 Prorated kWh (d)	Jan-2010 Prorated Transmission Uncollectible Revenue (e)	Feb-2010 Forecast kWh (f)	Feb-2010 Forecast Transmission Uncollectible Revenue (g)	Mar-2010 Forecast kWh (h)	Mar-2010 Prorate (i)	Mar-2010 Prorated kWh (j)	Mar-2010 Prorated Transmission Uncollectible Revenue (k)	Lost Revenue - Commodity Transmission Uncollectible Revenue (l)
A16	$0.00015	282,459,871	43.48%	122,813,552	$18,422	226,791,587	$34,019	240,110,174	50.00%	120,055,087	$18,008	$70,449
A60	$0.00015	24,040,244	43.48%	10,452,698	$1,568	15,318,871	$2,298	20,905,729	50.00%	10,452,864	$1,568	$5,434
B32	$0.00011	454,190	43.48%	197,482	$22	477,429	$53	477,429	50.00%	238,715	$26	$101
B62	$0.00011	11,644,577	43.48%	5,063,062	$557	12,550,600	$1,381	12,550,600	50.00%	6,275,300	$690	$2,628
C06	$0.00015	42,960,596	43.48%	18,679,267	$2,802	45,173,282	$6,776	38,939,358	50.00%	19,469,679	$2,920	$12,498
G02	$0.00013	115,418,106	43.48%	50,183,792	$6,524	110,040,508	$14,305	143,660,641	50.00%	71,830,320	$9,338	$30,167
G32	$0.00011	180,661,912	43.48%	78,551,799	$8,641	159,586,500	$17,555	118,362,592	50.00%	59,181,296	$6,510	$32,706
G62	$0.00011	36,311,181	43.48%	15,788,101	$1,737	28,951,075	$3,185	19,878,378	50.00%	9,939,189	$1,093	$6,015
S	$0.00010	7,873,912	43.48%	3,423,577	$342	7,448,047	$745	6,654,619	50.00%	3,327,310	$333	$1,420
X01	$0.00019	2,000,995	43.48%	870,033	$165	2,047,602	$389	2,105,117	50.00%	1,052,559	$200	$754
Totals		703,825,584		306,023,363	$40,780	608,385,501	$80,706	603,644,636		301,822,319	$40,686	$162,172

(a) Schedule NG-HSG-7, Line 22
(b) from Company revenue reports
(c) Percentage of kWh billed in January 2010 for usage in January 2010, per company reports
(d) Column (b) x Column (d)
(e) Column (a) x Column (d)
(f) per Company forecast
(g) Column (a) x Column (f)
(h) per Company forecast
(i) Estimated at 50%
(j) Column (h) x Column (i)
(k) Column (a) x Column (j)
(l) Column (e) + Column (g) + Column (k)

The Narragansett Electric Company
Calculation of Lost Revenue - Base Distribution Rates
For Usage January 1, 2010 through February 28, 2010

Rate Class	Inc(Dec) in Average Distribution Rate (a)	Jan-2010 Actual kWh (b)	Jan-2010 Prorate (c)	Jan-2010 Prorated kWh (d)	Jan-2010 Prorated Base Distribution Revenue (e)	Feb-2010 Forecast kWh (f)	Feb-2010 Forecast Base Distribution Revenue (g)	Mar-2010 Forecast kWh (h)	Mar-2010 Prorate (i)	Mar-2010 Prorated kWh (j)	Mar-2010 Prorated Base Distribution Revenue (k)	Lost Revenue - Base Distribution Revenue (l)
A16	$0.00264	282,459,871	43.48%	122,813,552	$324,228	226,791,587	$598,730	240,110,174	50.00%	120,055,087	$316,945	$1,239,903
A60	($0.00020)	24,040,244	43.48%	10,452,698	($2,091)	15,318,871	($3,064)	20,905,729	50.00%	10,452,864	($2,091)	($7,246)
B32	$0.00065	454,190	43.48%	197,482	$128	477,429	$310	477,429	50.00%	238,715	$155	$593
B62	$0.00103	11,644,577	43.48%	5,063,062	$5,215	12,550,600	$12,927	12,550,600	50.00%	6,275,300	$6,464	$24,606
C06	($0.00082)	42,960,596	43.48%	18,679,267	($15,317)	45,173,282	($37,042)	38,939,358	50.00%	19,469,679	($15,965)	($68,324)
G02	$0.00412	115,418,106	43.48%	50,183,792	$206,757	110,040,508	$453,367	143,660,641	50.00%	71,830,320	$295,941	$956,065
G32	$0.00065	180,661,912	43.48%	78,551,799	$51,059	159,586,500	$103,731	118,362,592	50.00%	59,181,296	$38,468	$193,258
G62	$0.00103	36,311,181	43.48%	15,788,101	$16,262	28,951,075	$29,820	19,878,378	50.00%	9,939,189	$10,237	$56,319
S	$0.01926	7,873,912	43.48%	3,423,577	$65,938	7,448,047	$143,449	6,654,619	50.00%	3,327,310	$64,084	$273,471
X01	$0.01292	2,000,995	43.48%	870,033	$11,241	2,047,602	$26,455	2,105,117	50.00%	1,052,559	$13,599	$51,295
Totals		703,825,584		306,023,363	$663,420	608,385,501	$1,328,683	603,644,636		301,822,319	$727,837	$2,719,940

(a) Page 5, Column (g)
(b) from Company revenue reports
(c) Percentage of kWh billed in January 2010 for usage in January 2010, per company reports
(d) Column (b) x Column (c)
(e) Column (a) x Column (d)
(f) per Company forecast
(g) Column (a) x Column (f)
(h) per Company forecast
(i) Estimated at 50%
(j) Column (h) * Column (i)
(k) Column (a) x Column (j)
(l) Column (e) + Column (g) + Column (k)

The Narragansett Electric Company
Calculation of Lost Revenue - Base Distribution Rates
For Usage January 1, 2010 through February 28, 2010

Rate Class	Present Rate Year Revenue (a)	Rate Year kWh (b)	Average Distribution Revenue ¢ per kWh (c)	Proposed Rate Year Revenue (d)	Rate Year kWh (e)	Average Distribution Revenue ¢ per kWh (f)	Inc(Dec) in Average Distribution Rate (g)
A16	$108,968,275	2,842,813,980	$0.03833	$116,479,641	2,842,813,980	$0.04097	$0.00264
A60	$4,137,075	194,799,144	$0.02123	$4,098,087	194,799,144	$0.02103	($0.00020)
C06	$23,236,609	552,412,265	$0.04206	$22,783,616	552,412,265	$0.04124	($0.00082)
G02	$31,707,492	1,371,693,627	$0.02311	$37,364,160	1,371,693,627	$0.02723	$0.00412
G32	$33,256,314	2,041,538,285	$0.01628	$34,579,034	2,041,538,285	$0.01693	$0.00065
G62	$5,080,288	565,377,847	$0.00898	$5,660,443	565,377,847	$0.01001	$0.00103
M1	$122,622	0	$122,622	$131,637	0	$131,637	
S	$8,838,230	68,381,640	$0.12924	$10,154,816	68,381,640	$0.14850	$0.01926
X01	$200,918	25,935,238	$0.00774	$535,936	25,935,238	$0.02066	$0.01292
Totals	$215,547,823	7,662,952,026	$0.02812	$231,787,370	7,662,952,026	$0.03024	$0.00212

Note: B-32 and B-62 are reflected with G-32 and G-62 as the back up and supplemental rates are designed with the full service rates.
Note: M-1 revenue increase is only $9,014. Lost revenue associated with this rate class is insignificant for purposes of estimating the lost revenue recovery.

(a) Schedule NG-HSG-6 (C) - Amended, Pages 3 through 8 and Pages 11 through 13
(b) Schedule NG-HSG-6 (C) - Amended, Pages 3 through 8 and Pages 11 through 13
(c) Column (a) ÷ Column (b), truncated after 5 decimal places
(d) Schedule NG-HSG-6 (C) - Amended, Pages 3 through 8 and Pages 11 through 13
(e) Column (b)
(f) Column (d) ÷ Column (e), truncated after 5 decimal places
(g) Column (f) - Column (c)

Workpapers of
Robert O'Brien

Index of Workpapers

Workpaper NG-RLO-25 (C) - Amended	Test Year and Rate Year Other Delivery Revenue
Workpaper NG-RLO-32 (C) - Amended	Accumulated Deferred Income Tax

Workpaper NG-RLO-25 (C)
Amended

Workpaper NG-RLO-25 (C) - Amended

Test Year and Rate Year Other Delivery Revenue

Narragansett Electric Company
Forecasted 2010 Transmission, Transmission Adjustment, Conservation & Transition Charge Revenue

	Rate Class (a)	Forecasted 2010 kWh Deliveries (b)	Forecasted 2010 HVM Discount % (c)	2009 Base Transmission Charge per kWh (d)	Forecasted 2010 kW (e)	2009 Demand Charge (f)	Demand Charge Prorate % (g)	HVM (h)	Total Forecasted Base Transmission Charge Revenue (i)	2009 Transmission Adjustment Charge per kWh (j)	HVM (k)	Total Forecasted Transmission Adjustment Charge Revenue (l)	Total Transmission Revenue (m)	2009 Conservation Charge per kWh (n)	HVM (o)	Total Forecasted Conservation Charge Revenue (p)	2009 Transition Charge per kWh (q)	HVM (r)	Total Forecasted Transition Revenue (s)	Grand Total Forecasted Transmission, Conserv & Transition Revenue (t)
(1)	A-16	2,842,813,980		$0.00436					$12,394,669	$0.01064		$30,247,541	$42,642,210	$0.00350		$9,949,849	$0.00235		$6,680,613	$59,272,672
(2)	A-60	194,799,147		$0.00338					$658,421	$0.01064		$2,072,663	$2,731,084	$0.00350		$681,797	$0.00235		$457,778	$3,870,659
(3)	B-32	5,245,253	-0.84%	$0.00000	15,373	$3.00	-0.020%	($387)	$45,650	$0.01064	($469)	$55,340	$100,990	$0.00350	($154)	$18,204	$0.00235	($104)	$12,223	$131,417
(4)	B-62	140,107,795	-0.93%	$0.00000	394,568	$2.22	-0.176%	($8,141)	$866,255	$0.01064	($13,879)	$1,476,868	$2,343,123	$0.00350	($4,565)	$485,812	$0.00235	($3,065)	$326,188	$3,155,123
(5)	C-06	545,545,943		$0.00536					$2,924,126	$0.01064		$5,804,609	$8,728,735	$0.00350		$1,909,411	$0.00235		$1,282,033	$11,920,179
(6)	C-08	2,304,214		$0.00536					$12,351	$0.01064		$24,517	$36,868	$0.00350		$8,065	$0.00235		$5,415	$50,348
(7)	E-30			$0.00261					$0	$0.01064		$0	$0	$0.00350		$0	$0.00235		$0	$0
(8)	E-40	3,248,748		$0.00141					$4,581	$0.01064		$34,567	$39,148	$0.00350		$11,371	$0.00235		$7,635	$58,153
(9)	G-02	1,368,444,879	-0.01%	$0.00000	3,821,880	$3.22	-1.715%	($1,422)	$12,094,021	$0.01064	($1,712)	$14,558,542	$26,652,563	$0.00350	($563)	$4,788,994	$0.00235	($378)	$3,215,467	$34,657,025
(10)	G-32	2,036,293,032	-0.24%	$0.00000	5,882,852	$1.99	-0.655%	($27,439)	$11,602,723	$0.01064	($51,118)	$21,615,040	$33,217,763	$0.00350	($16,815)	$7,110,211	$0.00235	($11,290)	$4,773,999	$45,101,973
(11)	G-62	425,270,051	-0.99%	$0.00000	925,119	$2.22	-0.187%	($20,325)	$2,029,608	$0.01064	($44,863)	$4,480,010	$6,509,618	$0.00350	($14,758)	$1,473,688	$0.00235	($9,909)	$989,476	$8,972,782
(12)	M-01	0		$0.00000					$0	$0.01064		$0	$0	$0.00350		$0	$0.00235		$0	$0
(13)	R-02	4,578,720		$0.00259					$11,859	$0.01064		$48,718	$60,577	$0.00350		$16,026	$0.00235		$10,760	$87,363
(14)	S-10	9,917,952		$0.00259					$25,687	$0.01064		$105,527	$131,214	$0.00350		$34,713	$0.00235		$23,307	$189,234
(15)	S-14	58,463,682		$0.00259					$151,421	$0.01064		$622,054	$773,475	$0.00350		$204,623	$0.00235		$137,390	$1,115,488
(16)	T-C&I			$0.00361					$0	$0.01064		$0	$0	$0.00350		$0	$0.00235		$0	$0
(17)	T-Res			$0.00361					$0	$0.01064		$0	$0	$0.00350		$0	$0.00235		$0	$0
(18)	X-01	25,935,238		$0.00000					$0	$0.01064		$275,951	$275,951	$0.00350		$90,773	$0.00235		$60,948	$427,672
(19)																				
(20)		7,662,968,634			11,039,792				$42,821,372			$81,421,948	$124,243,320			$26,783,535			$17,983,231	$169,010,086

Column (a)	rate classes
Column (b)	forecast provided by Alfred P. Morrissey, ED Finance Decision Support
Column (c)	see page 3 column (d)
Column (d)	per Retail Delivery Tariff effective 1/1/2009
Column (e)	kW is forecasted based on forecasted kWh and test year usage
Column (f)	R.I.P.U.C. Tariff No. 1172, 1173, 1176, 1177 & 1178
Column (g)	Demand Charge Prorate Factor per Test Year Revenue Proof
Column (h)	((Column (b) * Column (d)) + (Column (e) * Column (f) * (1 + Column (g)))) * Column (c)
Column (i)	(Column (b) * Column (d)) + ((Column (e) * Column (f)) * (1 + Column (g))) + Column (h)
Column (j)	R.I.P.U.C. Docket No. 4011 Schedule JAL-1
Column (k)	(Column (b) * Column (j)) * Column (c)
Column (l)	(Column (b) * Column (j)) + Column (k)
Column (m)	Column (i) + Column (l)
Column (n)	R.I.PU.C. Docket No. 3931
Column (o)	Column (b) * Column (n) * Column (c)
Column (p)	(Column (b) * Column (n)) + Column (o)
Column (q)	R.I.P.U.C. Docket No. 4011 Schedule JAL-1
Column (r)	Column (b) * Column (q) * Column (c)
Column (s)	(Column (b) * Column (q)) + Column (r)
Column (t)	Column (i) + Column (l) + Column (p) + Column (s)

Narragansett Electric Company
Transmission, Transmission Adjustment, Conservation & Transition Charge Revenue
2008 Billing Units at 2009 Rates

	Rate Class (a)	Test Year (2008) kWh Deliveries (b)	Forecasted 2010 HVM Discount % (c)	2009 Base Transmission Charge per kWh (d)	Test Year (2008) kW (e)	2009 Demand Charge (f)	Demand Charge Prorate % (g)	Transmission HVM Discount (h)	Total Forecasted Base Transmission Charge Revenue (i)	2009 Transmission Adjustment Charge per kWh (j)	Transmission Adjustment Charge HVM Discount (k)	Total Forecasted Transmission Adjustment Charge Revenue (l)	Total Transmission Revenue (m)	2009 Conservation Charge per kWh (n)	Conservation Charge HVM Discount (o)	Total Forecasted Conservation Charge Revenue (p)	2009 Transition Charge per kWh (q)	Transition Charge HVM Discount (r)	Total Forecasted Transition Revenue (s)	Grand Total Forecasted Transmission, Conserv & Transition Revenue (t)
(1)	A-16	2,823,490,295		$0.00436					$12,310,418	$0.01064		$30,041,937	$42,352,355	$0.00350		$9,882,216	$0.00235		$6,635,202	$58,869,773
(2)	A-60	191,498,118		$0.00338					$647,264	$0.01064		$2,037,540	$2,684,804	$0.00350		$670,243	$0.00235		$450,021	$3,805,068
(3)	B-32	6,292,247	-0.84%	$0.00000	28,118	$3.00	-0.020%	($707)	$83,496	$0.01064	($562)	$66,387	$149,883	$0.00350	($185)	$21,838	$0.00235	($124)	$14,663	$186,383
(4)	B-62	143,815,927	-0.93%	$0.00000	388,938	$2.22	-0.176%	($8,025)	$853,895	$0.01064	($14,246)	$1,515,955	$2,369,850	$0.00350	($4,686)	$498,669	$0.00235	($3,146)	$334,821	$3,203,340
(5)	C-06	540,116,052		$0.00536					$2,895,022	$0.01064		$5,746,835	$8,641,857	$0.00350		$1,890,406	$0.00235		$1,269,273	$11,801,536
(6)	C-08	2,185,589		$0.00536					$11,715	$0.01064		$23,255	$34,970	$0.00350		$7,650	$0.00235		$5,136	$47,756
(7)	E-30	1,611,773		$0.00261					$4,207	$0.01064		$17,149	$21,356	$0.00350		$5,641	$0.00235		$3,788	$30,785
(8)	E-40	3,075,838		$0.00141					$4,337	$0.01064		$32,727	$37,064	$0.00350		$10,765	$0.00235		$7,228	$55,058
(9)	G-02	1,379,210,237	-0.01%	$0.00000	3,854,102	$3.22	-1.715%	($1,434)	$12,195,987	$0.01064	($1,725)	$14,673,072	$26,869,059	$0.00350	($567)	$4,826,668	$0.00235	($381)	$3,240,763	$34,936,490
(10)	G-32	2,083,491,465	-0.24%	$0.00000	5,884,789	$1.99	-0.655%	($27,448)	$11,606,542	$0.01064	($52,302)	$22,116,047	$33,722,589	$0.00350	($17,205)	$7,275,015	$0.00235	($11,552)	$4,884,653	$45,882,258
(11)	G-62	437,613,249	-0.99%	$0.00000	953,246	$2.22	-0.187%	($20,942)	$2,091,314	$0.01064	($46,165)	$4,610,040	$6,701,354	$0.00350	($15,186)	$1,516,460	$0.00235	($10,196)	$1,018,195	$9,236,009
(12)	M-01	1,311,811		$0.00000					$0	$0.01064		$13,958	$13,958	$0.00350		$4,591	$0.00235		$3,083	$21,632
(13)	R-02	4,321,938		$0.00259					$11,194	$0.01064		$45,985	$57,179	$0.00350		$15,127	$0.00235		$10,157	$82,462
(14)	S-10	9,917,952		$0.00259					$25,687	$0.01064		$105,527	$131,214	$0.00350		$34,713	$0.00235		$23,307	$189,234
(15)	S-14	58,463,682		$0.00259					$151,421	$0.01064		$622,054	$773,475	$0.00350		$204,623	$0.00235		$137,390	$1,115,488
(16)	T-C&I	5,718,849		$0.00361					$20,645	$0.01064		$60,849	$81,494	$0.00350		$20,016	$0.00235		$13,439	$114,949
(17)	T-Res	7,625,601		$0.00361					$27,528	$0.01064		$81,136	$108,664	$0.00350		$26,690	$0.00235		$17,920	$153,274
(18)	X-01	25,611,410		$0.00000					$0	$0.01064		$272,505	$272,505	$0.00350		$89,640	$0.00235		$60,187	$422,332
(19)																				
(20)		7,725,372,033			11,109,193			($58,556)	$42,940,672		($115,001)	$82,082,958	$125,023,630		($37,829)	$27,000,973		($25,400)	$18,129,225	$170,153,827

Column (a)	rate classes
Column (b)	Actual 2008 kWh
Column (c)	see page 3 column (d)
Column (d)	per Retail Delivery Tariff effective 1/1/2009
Column (e)	actual 2008 kW
Column (f)	R.I.P.U.C. Tariff No. 1172, 1173, 1176, 1177 & 1178
Column (g)	Demand Charge Prorate Factor per Test Year Revenue Proof
Column (h)	(Column (b) * Column (d)) + (Column (e) * Column (f) * (1 + Column (g)))) * Column (c)
Column (i)	(Column (b) * Column (d)) + ((Column (e) * Column (f) * (1 + Column (g))) + Column (h)
Column (j)	R.I.P.U.C. Docket No. 4011 Schedule JAL-1
Column (k)	Column (b) * Column (j) * Column (c)
Column (l)	(Column (b) * Column (j)) + Column (k)
Column (n)	R.I.PU.C. Docket No. 3931
Column (o)	(Column (b) * Column (n)) * Column (c)
Column (p)	(Column (b) * Column (n)) + Column (o)
Column (q)	R.I.P.U.C. Docket No. 4011 Schedule JAL-1
Column (r)	(Column (b) * Column (q)) * Column (c)
Column (s)	(Column (b) * Column (q)) + Column (r)
Column (t)	Column (i) + Column (l) + Column (p) + Column (s)

Narragansett Electric Company
HVM Discount %

	Rate Class (a)	Calendar Year 2008 HVM Credit (b)	Calendar Year 2008 Total Revenue (including commodity, excluding GET & GET Credit) (c)	Calendar Year 2008 HVM Credit % (d)
(1)	A-16	$ -		
(2)	A-60	$ -		
(3)	B-32	$ (4,773.65)	$ 568,327.68	-0.84%
(4)	B-62	$ (67,250.03)	$ 7,223,386.20	-0.93%
(5)	C-06	$ -		
(6)	C-08	$ -		
(7)	E-30	$ -		
(8)	E-40	$ -		
(9)	G-02	$ (21,273.49)	$ 180,968,641.34	-0.01%
(10)	G-32	$ (494,320.75)	$ 209,517,813.44	-0.24%
(11)	G-62	$ (458,669.34)	$ 46,261,341.50	-0.99%
(12)	M-01	$ -		
(13)	R-02	$ -		
(14)	S-10	$ -		
(15)	S-14	$ -		
(16)	T-C&I	$ -		
(17)	T-Res	$ -		
(18)	X-01	$ -		
(19)				
(20)		$ (1,046,287.26)	$ 444,539,510.16	-0.24%

Column (a)	rate classes
Column (b)	per Company revenue reports
Column (c)	per Company revenue reports
Column (d)	Column (b) ÷ Column (c)

Workpaper NG-RLO-32 (C) - Amended

Accumulated Deferred Income Tax

National Grid - Narragansett Electric Company
General Rate Case
Federal Tax Depreciation 2009-2011
Based Upon Tax Plant at 03/31/08 and Estimated Additions

Line No.	Description	Reference	03/31/09	03/31/10	03/31/11
			(a)	(b)	(c)
1	Narragansett Electric	PTAX	$24,541,802	$26,199,078	$24,154,692
2					
3	Total		$24,541,802	$26,199,078	$24,154,692
4					
5					
6			Calendar 2009	Calendar 2010	
7					
8	Tax Depreciation (Calendar Conversion of Above)	PTAX	$25,784,759	$24,665,788	
9	Narragansett Electric Estimated Additions	WP, Page 2	$29,309,195	$21,990,040	
10					
11	Total		$55,093,954	$46,655,828	
12					
13	Allocated total Power Tax Depreciation from Tax Department by the ratio of distribution/transmission tax basis capital additions.				
14					
15	Tax Depreciation for FY08 Property in Service				
16			Total	Percentage	
17			Tax Depreciation	Distribution	Distribution
18					
19	Fiscal Year 2009		$41,660,278	83.43%	$34,757,170
20	Fiscal Year 2010		$37,890,655	83.43%	$31,612,173
21	Fiscal Year 2011		$34,953,775	83.43%	$29,161,934
22					
23	Impact of Repair-Related Capital Qualifying for Immediate Tax Deduction Recorded in FY2009				
24					
25			Total Tax	Non-NOL	Net Tax
26			Deduction Impact	Amount	Depreciation Impact
27					
28	Fiscal Year 2009		$12,980,137	78.7%	$10,215,368
29	Fiscal Year 2010		$6,878,139	78.7%	$5,413,095
30	Fiscal Year 2011		$6,362,443	78.7%	$5,007,243

Line Notes

1	Column (a) = Column (c), Line 19 - Column (c), Line 28; Column (b) = Column (c), Line 20 - Column (c), Line 29; Column (c) = Column (c), Line 21 - Column (c), Line 30
8	Column (a) = Column (a), Line 3 x 25% + Column (b), Line 3 x 75%; Column (b) = Column (b), Line 3 x 25% + Column (c), Line 3 x 75%
9	Column (a) = WP-NG-RLO-32 (C), Page 2, Column (d), Line 8; Column (b) = WP-NG-RLO-32 (C), Page 2, Column (e), Line 8
19 - 21	Column (a) = WP-NG-RLO-32 (C), Page 3, 4 and 5, respectively
19 - 21	Column (b) = WP-NG-RLO-32 (C), Page 6, Column (b), Line 2
19 - 21	Column (c) = Column (a) x Column (b)
27 - 29	Column (c) = Column (a) x Column (b)

National Grid - Narragansett Electric
General Rate Case
Federal Method - Depreciation 20 Years

Line No.	Narragansett Electric Company	CY Capital Additions	Capital Repairs Current Deduct	Yr 1 Bonus	2009	2010	2011	2012	2013	2014	Total
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	2009	$50,419,000	$20,167,600	$8,319,135	$29,309,195	$1,583,290	$1,464,417	$1,354,756	$1,252,990	$1,159,120	$36,123,769
2	2010	48,300,000	19,320,000			20,406,750	2,092,066	1,934,995	1,790,095	1,655,627	27,879,533
3											
4											
5											
6											
7											
8	Total	$98,719,000	$39,487,600	$8,319,135	$29,309,195	$21,990,040	$3,556,484	$3,289,751	$3,043,085	$2,814,748	$64,003,302

Column Notes

(a) Reflects capital additions as recommended by the Division and allowed per R.I.P.U.C. 2/9/10 Open Meeting
(b) Column (a) x 40%
(c) Column (a) - Column (b) x 55% x 50%
(d) [Column (a) - Column (b) - Column (c)] x Year 1 20 Year MACRS + Column (b) + Column (c)
(e) Line 1 = [Column (a) - Column (b) - Column (c)] x Year 2 20 Year MACRS Tax Depreciation Rate; Line 2 = [Column (a) - Column (b) - Column (c)] x Year 1 20 Year MACRS Tax Depreciation Rate + Column (b) + Column (c)
(f) Line 1 = [Column (a) - Column (b) - Column (c)] x Year 3 20 Year MACRS Tax Depreciation Rate; Line 2 = [Column (a) - Column (b) - Column (c)] x Year 2 20 Year MACRS Tax Depreciation Rate
(g) Line 1 = [Column (a) - Column (b) - Column (c)] x Year 4 20 Year MACRS Tax Depreciation Rate; Line 2 = [Column (a) - Column (b) - Column (c)] x Year 3 20 Year MACRS Tax Depreciation Rate
(h) Line 1 = [Column (a) - Column (b) - Column (c)] x Year 5 20 Year MACRS Tax Depreciation Rate; Line 2 = [Column (a) - Column (b) - Column (c)] x Year 4 20 Year MACRS Tax Depreciation Rate
(i) Line 1 = [Column (a) - Column (b) - Column (c)] x Year 6 20 Year MACRS Tax Depreciation Rate; Line 2 = [Column (a) - Column (b) - Column (c)] x Year 5 20 Year MACRS Tax Depreciation Rate
(j) Sum of Column (d) through Column (i)

Roll Forward Schedule
49- THE NARRAGANSETT ELECTRIC COMPA
New England Projection FY09 - FY011
Federal
Rpt # 31 2009 03/23/2009 16:30

Grouped By: Total Tax Classes

Total Tax Classes	Balance Begin of Period	Additions	Dispositions	Balance End of Period	Out of Balance
Total Cost: Book	$1,283,513,714.35	$0.00	$0.00	$1,283,513,714.35	$0.00
Book Tax Differences					
A&G Cap	$113,843.00	$0.00	$0.00	$113,843.00	$0.00
Administrative and General	($153,429.76)	$0.00	$0.00	($153,429.76)	$0.00
AFUDC Debt	($1,906,581.84)	$0.00	$0.00	($1,906,581.84)	$0.00
AFUDC Equity	($2,383,536.22)	$0.00	$0.00	($2,383,536.22)	$0.00
Bonus Depr Reduction	($51,456,523.44)	$0.00	$0.00	($51,456,523.44)	$0.00
CIAC	$28,091,609.78	$0.00	$0.00	$28,091,609.78	$0.00
CIAC Transferred to Salvag	($487,090.52)	$0.00	$0.00	($487,090.52)	$0.00
Customer Connections	$68,196.00	$0.00	$0.00	$68,196.00	$0.00
Def Tax Diff	$0.00	$0.00	$0.00	$0.00	$0.00
DISALLOWED	$0.00	$0.00	$0.00	$0.00	$0.00
Highway Reimbursements	($6,604,610.01)	$0.00	$0.00	($6,604,610.01)	$0.00
Inv Conversion	($275,852.68)	$0.00	$0.00	($275,852.68)	$0.00
ITC Basis Reduction	($68,748.89)	$0.00	$0.00	($68,748.89)	$0.00
Other Adjustment	($1,846,635.81)	$0.00	$0.00	($1,846,635.81)	$0.00
Pension	($44,351.73)	$0.00	$0.00	($44,351.73)	$0.00
Tax AFUDC	$2,990,969.13	$0.00	$0.00	$2,990,969.13	$0.00
Total Book Tax Differences	($33,962,742.99)	$0.00	$0.00	($33,962,742.99)	$0.00
Ordinary Retirements	$12,983,948.80	$0.00	$0.00	$12,983,948.80	$0.00
Out of Balance	$0.80	$0.00	$0.00	$0.80	$0.00
Tax Balance	$1,262,534,920.96	$0.00	$0.00	$1,262,534,920.96	$0.00
Tax Reserve	$861,718,494.54	$41,660,277.58	$0.00	$903,378,772.12	$0.00
Net Value:	$400,816,426.42	($41,660,277.58)	$0.00	$359,156,148.84	$0.00

Roll Forward Schedule
49- THE NARRAGANSETT ELECTRIC COMPA
New England Projection FY09 - FY011
Federal
Rpt # 31 · 2010 03/23/2009 16:31

Grouped By: Total Tax Classes

Total Tax Classes	Balance Begin of Period	Additions	Dispositions	Balance End of Period	Out of Balance
Total Cost: Book	$1,283,513,714.35	$0.00	$0.00	$1,283,513,714.35	$0.00
Book Tax Differences					
A&G Cap	$113,843.00	$0.00	$0.00	$113,843.00	$0.00
Administrative and General	($153,429.76)	$0.00	$0.00	($153,429.76)	$0.00
AFUDC Debt	($1,906,581.84)	$0.00	$0.00	($1,906,581.84)	$0.00
AFUDC Equity	($2,383,536.22)	$0.00	$0.00	($2,383,536.22)	$0.00
Bonus Depr Reduction	($51,456,523.44)	$0.00	$0.00	($51,456,523.44)	$0.00
CIAC	$28,091,609.78	$0.00	$0.00	$28,091,609.78	$0.00
CIAC Transferred to Salvage	($487,090.52)	$0.00	$0.00	($487,090.52)	$0.00
Customer Connections	$68,196.00	$0.00	$0.00	$68,196.00	$0.00
Def Tax Diff	$0.00	$0.00	$0.00	$0.00	$0.00
DISALLOWED	$0.00	$0.00	$0.00	$0.00	$0.00
Highway Reimbursements	($6,604,610.01)	$0.00	$0.00	($6,604,610.01)	$0.00
Inv Conversion	($275,852.68)	$0.00	$0.00	($275,852.68)	$0.00
ITC Basis Reduction	($68,748.89)	$0.00	$0.00	($68,748.89)	$0.00
Other Adjustment	($1,846,635.81)	$0.00	$0.00	($1,846,635.81)	$0.00
Pension	($44,351.73)	$0.00	$0.00	($44,351.73)	$0.00
Tax AFUDC	$2,990,969.13	$0.00	$0.00	$2,990,969.13	$0.00
Total Book Tax Differences	($33,962,742.99)	$0.00	$0.00	($33,962,742.99)	$0.00
Ordinary Retirements	$12,983,948.80	$0.00	$0.00	$12,983,948.80	$0.00
Out of Balance	$0.80	$0.00	$0.00	$0.80	$0.00
Tax Balance	$1,262,534,920.96	$0.00	$0.00	$1,262,534,920.96	$0.00
Tax Reserve	$903,378,772.12	$37,890,654.87	$0.00	$941,269,426.98	$0.00
Net Value:	$359,156,148.84	($37,890,654.87)	$0.00	$321,265,493.98	$0.00

Roll Forward Schedule
49- THE NARRAGANSETT ELECTRIC COMPA
New England Projection FY09 - FY011
Federal
Rpt # 31 2011 03/23/2009 16:32

Grouped By: Total Tax Classes

Total Tax Classes	Balance Begin of Period	Additions	Dispositions	Balance End of Period	Out of Balance
Total Cost: Book	$1,283,513,714.35	$0.00	$0.00	$1,283,513,714.35	$0.00
Book Tax Differences					
A&G Cap	$113,843.00	$0.00	$0.00	$113,843.00	$0.00
Administrative and General	($153,429.76)	$0.00	$0.00	($153,429.76)	$0.00
AFUDC Debt	($1,906,581.84)	$0.00	$0.00	($1,906,581.84)	$0.00
AFUDC Equity	($2,383,536.22)	$0.00	$0.00	($2,383,536.22)	$0.00
Bonus Depr Reduction	($51,456,523.44)	$0.00	$0.00	($51,456,523.44)	$0.00
CIAC	$28,091,609.78	$0.00	$0.00	$28,091,609.78	$0.00
CIAC Transferred to Salvage	($487,090.52)	$0.00	$0.00	($487,090.52)	$0.00
Customer Connections	$68,196.00	$0.00	$0.00	$68,196.00	$0.00
Def Tax Diff	$0.00	$0.00	$0.00	$0.00	$0.00
DISALLOWED	$0.00	$0.00	$0.00	$0.00	$0.00
Highway Reimbursements	($6,604,610.01)	$0.00	$0.00	($6,604,610.01)	$0.00
Inv Conversion	($275,852.68)	$0.00	$0.00	($275,852.68)	$0.00
ITC Basis Reduction	($68,748.89)	$0.00	$0.00	($68,748.89)	$0.00
Other Adjustment	($1,846,635.81)	$0.00	$0.00	($1,846,635.81)	$0.00
Pension	($44,351.73)	$0.00	$0.00	($44,351.73)	$0.00
Tax AFUDC	$2,990,969.13	$0.00	$0.00	$2,990,969.13	$0.00
Total Book Tax Differences	($33,962,742.99)	$0.00	$0.00	($33,962,742.99)	$0.00
Ordinary Retirements	$12,983,948.80	$0.00	$0.00	$12,983,948.80	$0.00
Out of Balance	$0.80	$0.00	$0.00	$0.80	$0.00
Tax Balance	$1,262,534,920.96	$0.00	$0.00	$1,262,534,920.96	$0.00
Tax Reserve	$941,269,426.98	$34,953,774.66	$0.00	$976,223,201.64	$0.00
Net Value:	$321,265,493.98	($34,953,774.66)	$0.00	$286,311,719.32	$0.00

National Grid - Narragansett Electric
General Rate Case
PowerTax Depreciation Summary
Tax Year 2008

Line No.	Description	Amount	Percent
		(a)	(b)
1	Transmission	$7,820,938	16.57%
2	Distribution and General	39,373,456	83.43%
3	T&D	760,703	
4	Total	$47,955,097	
5			
6	Less Fully Depreciated T&D	(760,703)	
7	Total	$47,194,394	100.00%

Column Notes

(a) WP NG-RLO-32 (C), Page 7, Depreciation Column

(b) Line 1 = Column (a), Line 1 / Column (a), Line 7; Line 2 = Column (a), Line 2 / Column (a), Line 7

Line Notes

4 Sum of Lines 1 through 3

7 Line 4 + Line 6

49- THE NARRAGANSETT ELECTRIC COMPA
PowerTax Depreciation Summary Report 6
New England 2008
Rpt # 16 06/30/2008 5:38 PM

Grouped By: Total Tax Classes

Tax Book : Federal
Tax Year : 2008

Tax Class	Beginning Asset Balance	Additions/ Retirement	Depreciable Base	Beginning Reserve	Depreciation	Capitalized Depreciation	Gain/ (Loss)	Salvage	Cost of Removal	Ending Asset Balance	Ending Reserve
<345 KV Trans	$130,205,238.29	($3,368,630.00)	$127,000,195.88	$72,009,875.87	$6,057,139.09	$0.00	($101,007.10)	$0.00	$0.00	$126,836,608.29	$77,785,634.97
<345 KV Trans - 15 Yr. Life	$534,213.86	$7,883,070.00	$8,417,283.86	$29,906.21	$1,296,964.27	$0.00	$0.00	$0.00	$0.00	$8,417,283.86	$474,490.48
345 KV Trans	$1,016,464.73	($4,053.50)	$1,014,436.87	$310,791.40	$53,568.59	$0.00	($2,967.52)	$0.00	$0.00	$1,012,411.23	$363,274.02
Computer Equipment	$249,798.90	$0.00	$81,636.70	$226,485.20	$17,171.36	$0.00	$0.00	$0.00	$0.00	$249,798.90	$243,656.56
Distribution	$738,993,343.66	$50,723,132.66	$791,706,802.64	$431,256,096.87	$37,110,936.14	$0.00	2,068,572.29)	$0.00	$0.00	$789,716,476.32	$460,977,390.61
Distribution Easements	$2,296,081.00	$0.00	$2,296,081.00	$1,505,667.50	$49,840.41	$0.00	$0.00	$0.00	$0.00	$2,296,081.00	$1,555,507.91
General Equipment	$2,909,873.61	($17,352.58)	$2,892,521.03	$2,909,873.61	$0.00	$0.00	$553.98	$0.00	$0.00	$2,892,521.03	$2,892,521.03
General Plant	$55,099,027.61	$64,142.74	$54,950,026.58	$52,422,955.19	$1,758,850.21	$0.00	($8.32)	$0.00	$0.00	$55,163,170.35	$53,833,025.24
General Structures	$24,235,282.00	$119,956.49	$24,100,441.99	$14,772,789.93	$407,583.84	$0.00	$0.00	$0.00	$0.00	$24,355,238.49	$15,180,373.77
Hydro	$2,265,816.18	$0.00	$2,265,816.18	$2,254,613.65	$7,171.92	$0.00	$0.00	$0.00	$0.00	$2,265,816.18	$2,261,785.57
Intangible Plant	$522,431.00	$0.00	$522,431.00	$522,431.00	$0.00	$0.00	$0.00	$0.00	$0.00	$522,431.00	$522,431.00
Office Equipment	$385,869.00	$0.00	$385,869.00	$385,869.00	$0.00	$0.00	$0.00	$0.00	$0.00	$385,869.00	$385,869.00
Other Property	$120,816.00	$0.00	$120,816.00	$120,816.00	$0.00	$0.00	$0.00	$0.00	$0.00	$120,816.00	$120,816.00
RAR A&G Capitalized	$113,843.00	$0.00	$28,164.00	$113,843.00	$0.00	$0.00	$0.00	$0.00	$0.00	$113,843.00	$113,843.00
RAR Customer Connections	$68,196.00	$0.00	$0.00	$68,196.00	$0.00	$0.00	$0.00	$0.00	$0.00	$68,196.00	$68,196.00
RAR ITC - Distr	($23,434.00)	$0.00	($23,434.00)	($23,434.00)	$0.00	$0.00	$0.00	$0.00	$0.00	($23,434.00)	($23,434.00)
RAR ITC - Hydro	($15,643.00)	$0.00	($15,643.00)	($15,643.00)	$0.00	$0.00	$0.00	$0.00	$0.00	($15,643.00)	($15,643.00)
Sub-Station	$2,230,416.51	($13,101.71)	$2,223,865.67	$2,190,086.62	$21,902.32	$0.00	$0.00	$0.00	$0.00	$2,217,314.80	$2,198,887.23
T & D Plant	$224,790,401.89	($2,175,466.76)	$163,245,739.83	$224,029,698.89	$760,703.00	$0.00	$0.00	$0.00	$0.00	$224,272,748.28	$224,272,748.28
Transmission	$17,286,791.59	($292,395.59)	$17,090,119.64	$15,861,169.35	$370,509.03	$0.00	($34,811.87)	$0.00	$0.00	$16,994,396.00	$15,974,094.63
Transmission Clearing	$213,430.00	$0.00	$117,042.00	$117,280.40	$2,089.20	$0.00	$0.00	$0.00	$0.00	$213,430.00	$119,369.60
Transmission Easements	$3,416,750.00	$0.00	$3,416,750.00	$1,330,190.56	$40,667.85	$0.00	$0.00	$0.00	$0.00	$3,416,750.00	$1,370,858.41
Transportation	$1,118,985.00	($76,186.77)	$1,080,891.61	$1,118,985.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,042,798.23	$1,042,798.23
Total Tax Classes	**,208,033,992.83**	**$52,843,114.98**	**,202,917,854.48**	**$823,518,544.25**	**$47,955,097.23**	**$0.00**	**2,206,813.12)**	**$0.00**	**$0.00**	**,262,534,920.96**	**$861,718,494.54**
49- THE NARRAGANSETT E	**,208,033,992.83**	**$52,843,114.98**	**,202,917,854.48**	**$823,518,544.25**	**$47,955,097.23**	**$0.00**	**2,206,813.12)**	**$0.00**	**$0.00**	**,262,534,920.96**	**$861,718,494.54**
Federal	**1,208,033,992.83**	**$52,843,114.98**	**,202,917,854.48**	**$823,518,544.25**	**$47,955,097.23**	**$0.00**	**2,206,813.12)**	**$0.00**	**$0.00**	**,262,534,920.96**	**$861,718,494.54**