The Narragansett Electric Company

d/b/a National Grid

INVESTIGATION AS TO THE PROPRIETY OF PROPOSED TARIFF CHANGES

Workpapers of:

Jeanne A. Lloyd
Paul M. Normand
Ann E. Leary

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

Submitted by:

nationalgrid

Workpaper JAL-2

Workpaper JAL-2

Development of Rate Year Revenue and Revenue Decoupling Mechanism Adjustment

Test Year and Rate Year Revenue

Line No.		Test Year (a)	Adjusted Test Year (b)	Rate Year (c)
	Distribution Revenue			
(1)	Customer	$47,878,742	$47,142,590	$47,439,794
(2	Distribution	$193,912,286 (1)	$183,564,441	$185,993,302
(3)	Cap Ex	$0	$3,396,499	$3,461,752
		$241,791,027	$234,103,530	$236,894,848
(4)	SOS Admin	($6,582,222)		
(5)	O&M	($6,423,732)		
(6)	RDM	($1,438,455)	($3,227,246)	($6,018,564)
(7)	**Base Distribution**	**$227,346,618**	**230,876,284**	**230,876,284**
	Other Distribution Revenue			
(8)	Forfeited Discounts-Electric	$1,474,450	1,474,449.60	1,474,449.60
(9)	Misc Service Revenue-Electric	$805,548	805,548.28	805,548.28
(10)	Rent From Electric Property	$4,405,990	4,405,990.28	4,405,990.28
(11)	Other Elec Rev-Misc	$1,460,632	1,460,632.35	1,460,632.35
(12)	Other Elec Rev-Revenue CR		0.00	0.00
(13)	**Total Other Dist Revenue**	**$8,146,621**	**8,146,620.51**	**8,146,620.51**
(14)	**Subtotal Distribution Revenue**	**$235,493,239**	**$239,022,905**	**$239,022,905**
	Other Delivery and Commodity Revenue			
(15)	SO Admin	$6,582,222 (2)	$6,582,222	$6,582,222
(16)	O&M	$6,423,732	$10,341,392	$10,497,177
(17)	Transmission	$118,067,241	$131,883,098	$134,373,410
(18)	Transmission Related Uncollectible Revenue	$1,116,199	$1,204,914	$1,275,096
(19)	CTC (Transition)	($101,333)	$4,855,830	$4,947,744
(20)	Commodity	$376,831,161	$376,831,161	$376,831,161
(21)	Energy Efficiency	$34,591,429	$47,941,690	$48,849,151
(21)	LTCRER		$539,457	$549,669
(22)	GET	30,550,231.30	n/a	n/a
(23)	**Total Other**	**574,060,882**	**580,179,765**	**583,905,630**
(24)	**Total Test Year Revenue**	**$809,554,121**	**$819,202,669**	**$822,928,534**

(1) includes ISR O&M Factor revenue and SOS admins revenue
(2) includes $3,632,954 bad debt and $2,949,268 of other administrative expense

(1) (a) from 2011 Income Statement
(b) Pages 5 and 10
(c) Page 7 and 12

Income Statement for the Period Ended December 31, 2011

	Reg Account	JANUARY PER 10 FY 2011	FEBRUARY PER 11 FY 2011	MARCH PER 12 FY 2011	APRIL PER 1 FY 2012	MAY PER 2 FY 2012	JUNE PER 3 FY 2012	JULY PER 4 FY 2012	AUGUST PER 5 FY 2012	SEPTEMBER PER 6 FY 2012	OCTOBER PER 7 FY 2012	NOVEMBER PER 8 FY 2012	DECEMBER PER 9 FY 2012	Total
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(l)	(m)	(n)
OPERATING REVENUE														
Residential	440000	27,846,111.91	25,051,043.55	22,592,106.27	19,411,350.74	13,654,336.34	15,169,186.84	20,903,017.79	22,904,708.74	19,341,421.72	15,327,351.66	14,995,020.28	15,792,237.36	232,987,893.20
Commercial & Industrial	442000	14,006,243.67	13,765,551.78	12,403,187.20	10,817,739.41	10,493,274.13	11,009,152.69	12,496,419.59	14,862,798.66	13,348,669.03	11,932,045.56	11,170,248.53	11,343,286.92	147,648,617.17
Street Lighting	444000	86,877.15	74,436.39	15,692.15	70,646.80	43,637.06	42,151.29	45,536.39	47,727.94	50,454.12	56,082.72	67,875.83	69,006.01	670,123.85
Refund Provision	449130	(1,212,784.19)	(2,063,392.25)	(5,028,489.63)	(5,849,279.77)	1,092,004.87	3,461,582.25	6,574,671.10	(1,511,361.06)	(2,011,741.78)	(2,896,562.62)	(98,859.39)	5,068,738.82	(4,475,473.65)
Sales of Electric Energy		40,726,448.54	36,827,639.47	29,982,495.99	24,450,457.18	25,283,252.40	29,682,073.07	40,019,644.87	36,303,874.28	30,728,803.09	24,418,917.32	26,134,285.25	32,273,269.11	376,831,160.57
Other Revenues														
Forfeited Discounts-Electric	450000	137,135.27	169,013.49	52,362.02	63,181.53	119,913.75	113,493.85	118,894.04	134,598.60	157,688.87	159,141.54	130,848.59	118,178.05	1,474,449.60
Misc Service Revenue-Electric	451000	35,271.33	21,935.37	23,709.58	85,389.81	122,818.99	101,679.50	71,821.03	75,937.72	58,557.98	91,939.67	83,906.72	32,580.58	805,548.28
Open Access Rev-DSM	451010	1,072,612.10	1,440,278.31	5,717,713.76	2,625,770.28	(1,140,305.85)	3,299,181.30	985,370.28	4,246,382.47	3,184,638.61	1,986,957.86	3,576,818.49	7,596,010.96	34,591,428.57
Open Access Rev-Cust Charge	451020	4,264,035.06	3,960,786.83	3,909,154.37	3,895,462.30	4,099,216.50	3,870,996.30	4,073,278.88	3,895,355.98	4,109,535.60	3,986,317.20	3,922,158.44	3,892,444.14	47,878,741.60
Rent From Electric Property	454000	173,636.83	212,022.69	1,058,672.05	360,255.26	292,657.09	334,414.65	321,981.47	397,444.44	307,535.78	287,557.41	379,458.72	280,353.89	4,405,990.28
Open Access Rev-Access Charge	456005	316,255.00	(32,535.55)	(34,862.14)	(29,234.47)	(28,559.27)	(34,589.57)	(32,304.40)	(62,323.86)	(14,157.63)	(30,616.46)	(30,682.44)	(87,722.05)	(101,332.84)
Open Access Rev-Transmission	456010	9,766,721.65	9,036,277.35	9,008,294.42	7,928,541.19	10,206,518.70	13,936,068.76	13,274,166.10	10,870,868.35	12,756,733.61	6,466,991.09	7,185,919.72	8,746,339.13	119,183,440.07
Open Access Rev-GET	456015	2,977,014.50	2,697,228.24	2,640,727.89	2,351,120.52	1,967,839.92	2,620,413.64	2,917,459.22	2,854,393.76	2,827,678.52	2,095,393.30	2,132,741.16	2,468,220.63	30,550,231.30
Open Access Rev-Distribution	456020	17,448,436.91	15,157,649.97	15,522,222.67	14,903,650.08	13,630,470.22	16,786,168.55	21,820,269.39	18,133,437.66	15,970,609.65	14,726,777.62	14,973,010.11	14,839,583.03	193,912,285.86
Open Access - Rev Decoupling	456021						0.00		(2,587,051.79)	2,946,868.87	(523,993.30)	(1,303,347.52)	29,068.79	(1,438,454.95)
Other Elec Rev-Misc	456040	226,014.14	108,459.16	173,128.34	169,286.59	179,758.21	228,875.93	246,896.47	3,659.16	75,698.63	71,697.11	352,589.66	(375,431.05)	1,460,632.35
Other Operating Revenue		36,417,132.79	32,771,115.86	38,071,122.96	32,353,423.09	29,450,328.26	41,256,702.91	43,797,832.48	37,962,702.49	42,381,388.49	29,318,163.04	31,403,421.65	37,539,626.10	432,722,960.12
Total Other Revenues		36,417,132.79	32,771,115.86	38,071,122.96	32,353,423.09	29,450,328.26	41,256,702.91	43,797,832.48	37,962,702.49	42,381,388.49	29,318,163.04	31,403,421.65	37,539,626.10	432,722,960.12
TOTAL OPERATING REVENUE		**77,143,581.33**	**69,598,755.33**	**68,053,618.95**	**56,803,880.27**	**54,733,580.66**	**70,938,775.98**	**83,817,477.35**	**74,266,576.77**	**73,110,191.58**	**53,737,080.36**	**57,537,706.90**	**69,812,895.21**	**809,554,120.69**

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Annual Target Revenue
Test Year/Rate Year

Line No.		Residential A-16 / A-60 (a)	Small C&I C-06 (b)	General C&I G-02 (c)	200 kW Demand B-32 / G-32 (d)	3000 kW Demand B-62 / G-62 (e)	Lighting S-10 / S-14 (f)	Propulsion X-01 (g)	Total (h)
(1)	Revenue Requirement - Docket No. 4065	$120,276,000	$22,619,000	$37,325,000	$34,342,000	$5,610,000	$10,062,000	$534,000	$230,768,000
(2)	O&M Credit - FY 2012 ISR Plan	$3,074,953	$608,410	$1,105,207	$982,818	$281,006	$467,693	$29,282	$6,549,368
(3)	Adjusted Annual Target Revenue	$117,201,047	$22,010,590	$36,219,793	$33,359,182	$5,328,994	$9,594,307	$504,718	$224,218,632
(4)	CapEx Revenue Requirement - FY 2013 ISR Plan	$1,752,171	$317,541	$568,420	$480,406	$140,080	$188,261	$15,746	$3,462,625
(5)	Capital Structure Remand Settlement - Incremental Revenue Requirement	$1,616,760	$293,001	$524,492	$443,280	$129,254	$173,711	$14,530	$3,195,027
(6)	Test Year/Rate Year Revenue	$120,569,978	$22,621,132	$37,312,705	$34,282,867	$5,598,328	$9,956,280	$534,994	$230,876,284

(1) RIPUC Docket No. 4065, Schedule NG-HSG-4 (B)-2nd Amended, Line (67)
(2) RIPUC Docket No. 4218, Section 7: Rate Design Revised, Page 4, Line (6)
(3) Line (1) - Line (2)
(4) RIPUC Docket No. 4307, Section 6: Rate Design Revised, Page 3, Line (4)
(5) RIPUC Docket No. 4065, Settlement filed 3/5/12, Attachment 1, Page 2, Line (4)
(6) Line (3) + Line (4) + Line (5)

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Calculation of Revenue Decoupling Adjustment
Rate Year

Line No.		Residential A-16 / A-60 (a)	Small C&I C-06 (b)	General C&I G-02 (c)	200 kW Demand B-32 / G-32 (d)	3000 kW Demand B-62 / G-62 (e)	Lighting S-10 / S-14 (f)	Propulsion X-01 (g)	Total (h)
(1)	Forecasted Rate Year Revenue	$121,915,748	$24,656,104	$38,079,699	$36,086,283	$5,452,468	$10,207,918	$496,629	$236,894,848
(2)	Adjusted Annual Target Revenue	$120,569,978	$22,621,132	$37,312,705	$34,282,867	$5,598,328	$9,956,280	$534,994	$230,876,284
(3)	Revenue Decoupling Adjustment - Total Company								$6,018,564
(4)	Forecasted kWh - Rate Year	3,122,130,751	597,988,653	1,297,414,309	2,221,229,723	525,192,409	65,617,055	22,848,413	7,852,421,314
(5)	Revenue Decoupling Adjustment - per kWh								$0.00077
(6)	Rate Class Revenue Decoupling Credit	$2,392,987	$458,334	$994,416	$1,702,483	$402,539	$50,293	$17,512	$6,018,564
(7)	Rate Year Rate Class Revenue	$119,522,760	$24,197,770	$37,085,283	$34,383,800	$5,049,929	$10,157,625	$479,116	$230,876,284

(1) Page 12, Column (u)
(2) Page 3, Line (6)
(3) Column (h): Line (1) - Line (2)
(4) Page 11, Column (h)
(5) Column (h): Line (3) ÷ Line (4)
(6) Line (4) x Column (h), Line (5)
(7) Line (1) - Line (6)

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Delivery Revenue Other Than Distribution Revenue
Test Year Billing Units at Current Rates

Line No.	Rate Class	Test Year kWh Deliveries (a)	Base Transmission Revenue (b)	Transmission Uncollectible Revenue (c)	Energy Efficiency Revenue (d)	Transition Revenue (e)	O&M Revenue (f)	LTCRER Revenue (g)	Total Other Delivery Revenue (h)
(1)	A-16	2,842,806,643	$54,695,600	$511,705	$17,682,257	$1,790,968	$4,520,063	$198,996	$79,399,590
(2)	A-60	271,507,214	$5,223,799	$48,871	$1,688,775	$171,050	$431,696	$19,006	$7,583,196
(3)	B-32	7,354,734	$112,040	$956	$45,746	$4,633	$5,369	$515	$169,260
(4)	B-62	125,505,022	$1,501,803	$16,316	$780,641	$79,068	$84,786	$8,785	$2,471,399
(5)	C-06	564,404,355	$10,277,803	$95,949	$3,510,595	$355,575	$936,911	$39,508	$15,216,341
(6)	C-08	4,301,826	$78,336	$731	$26,757	$2,710	$7,141	$301	$115,977
(7)	G-02	1,328,516,550	$23,780,760	$199,277	$8,263,373	$836,965	$1,793,497	$92,996	$34,966,869
(8)	G-32	2,057,513,768	$29,956,558	$267,477	$12,797,736	$1,296,234	$1,501,985	$144,026	$45,964,015
(9)	G-62	416,151,703	$5,362,422	$54,100	$2,588,464	$262,176	$327,008	$29,131	$8,623,300
(10)	M-1	1,139,985	$0	$0	$7,091	$718	$0	$0	$7,809
(11)	S-10	9,253,661	$105,677	$925	$57,558	$5,830	$96,886	$648	$267,523
(12)	S-14	56,363,394	$643,670	$5,636	$350,580	$35,509	$590,125	$3,945	$1,629,466
(13)	X-01	22,848,413	$144,630	$2,970	$142,117	$14,395	$45,925	$1,599	$351,637
(14)		7,707,667,268	$131,883,098	$1,204,914	$47,941,690	$4,855,830	$10,341,392	$539,457	$196,766,382

Column Descriptions:
(a) Lines (1) through (10) and (13): actual kWh deliveries for the period January 2011 through December 2011, page 14
Line (11): S-10 per page 16 line (26), column (c)
Line (12): S-14 per page 17 line (38), column (c)
(b) page 6, line (14), column (e)
(c) page 6, line (14), column (g)
(d) page 6, line (28), column (k)
(e) page 6, line (28), column (n)
(f) page 6, line (28), column (s)
(g) page 6, line (28), column (v)
(h) column (b) + column (c) + column (d) + column (e) + column (f)

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Delivery Revenue Other Than Distribution Revenue
Test Year Billing Units at Current Rates

1. TRANSMISSION REVENUE

Line No.	Rate Class	Test Year kWh Deliveries (a)	Base Transmission Charge per kWh (b)	Test Year kW (c)	Transmission Demand Charge (d)	Base Transmission Chg Revenue (e)	Transmission Uncollectible Charge per kWh (f)	Transmission Uncollectible Revenue (g)	Test Year Adjusted Transmission Revenue (h)
(1)	A-16	2,842,806,643	$0.01924		$0.00	$54,695,600	$0.00018	$511,705	$55,207,305
(2)	A-60	271,507,214	$0.01924		$0.00	$5,223,799	$0.00018	$48,871	$5,272,670
(3)	B-32	7,354,734	$0.00633	22,426.1	$2.92	$112,040	$0.00013	$956	$112,996
(4)	B-62	125,505,022	$0.00633	242,245.3	$2.92	$1,501,803	$0.00013	$16,316	$1,518,119
(5)	C-06	564,404,355	$0.01821		$0.00	$10,277,803	$0.00017	$95,949	$10,373,752
(6)	C-08	4,301,826	$0.01821		$0.00	$78,336	$0.00017	$731	$79,068
(7)	G-02	1,328,516,550	$0.00820	4,772,934.9	$2.70	$23,780,760	$0.00015	$199,277	$23,980,037
(8)	G-32	2,057,513,768	$0.00633	5,798,799.9	$2.92	$29,956,558	$0.00013	$267,477	$30,224,035
(9)	G-62	416,151,703	$0.00633	934,308.8	$2.92	$5,362,422	$0.00013	$54,100	$5,416,522
(10)	M-1	1,139,985	$0.00000		$0.00	$0	$0.00000	$0	$0
(11)	S-10	9,253,661	$0.01142		$0.00	$105,677	$0.00010	$925	$106,602
(12)	S-14	56,363,394	$0.01142		$0.00	$643,670	$0.00010	$5,636	$649,306
(13)	X-01	22,848,413	$0.00633		$2.92	$144,630	$0.00013	$2,970	$147,601
(14)		7,707,667,268		11,770,715.0		$131,883,098		$1,204,914	$133,088,012

2. ENERGY EFFICIENCY REVENUE

Line No.		Energy Efficiency Charge per kWh (i)	Test Year kWh Deliveries (j)	Energy Efficiency Charge Revenue (k)
(15)	A-16	$0.00622	2,842,806,643	$17,682,257
(16)	A-60	$0.00622	271,507,214	$1,688,775
(17)	B-32	$0.00622	7,354,734	$45,746
(18)	B-62	$0.00622	125,505,022	$780,641
(19)	C-06	$0.00622	564,404,355	$3,510,595
(20)	C-08	$0.00622	4,301,826	$26,757
(21)	G-02	$0.00622	1,328,516,550	$8,263,373
(22)	G-32	$0.00622	2,057,513,768	$12,797,736
(23)	G-62	$0.00622	416,151,703	$2,588,464
(24)	M-1	$0.00622	1,139,985	$7,091
(25)	S-10	$0.00622	9,253,661	$57,558
(26)	S-14	$0.00622	56,363,394	$350,580
(27)	X-01	$0.00622	22,848,413	$142,117
(28)			7,707,667,268	$47,941,690

3. TRANSITION CHARGE REVENUE

Line No.	Transition Charge per kWh (l)	Test Year kWh Deliveries (m)	Transition Charge Revenue (n)
(15)	$0.00063	2,842,806,643	$1,790,968
(16)	$0.00063	271,507,214	$171,050
(17)	$0.00063	7,354,734	$4,633
(18)	$0.00063	125,505,022	$79,068
(19)	$0.00063	564,404,355	$355,575
(20)	$0.00063	4,301,826	$2,710
(21)	$0.00063	1,328,516,550	$836,965
(22)	$0.00063	2,057,513,768	$1,296,234
(23)	$0.00063	416,151,703	$262,176
(24)	$0.00063	1,139,985	$718
(25)	$0.00063	9,253,661	$5,830
(26)	$0.00063	56,363,394	$35,509
(27)	$0.00063	22,848,413	$14,395
(28)		7,707,667,268	$4,855,830

4. O&M REVENUE

Line No.	O&M Charge per kWh (o)	O&M Charge per kW (p)	Test Year kWh Deliveries (q)	Test Year kW (r)	O&M Revenue (s)
(15)	$0.00159		2,842,806,643		$4,520,063
(16)	$0.00159		271,507,214		$431,696
(17)	$0.00073		7,354,734		$5,369
(18)	$0.00000	$0.35	125,505,022	242,245.3	$84,786
(19)	$0.00166		564,404,355		$936,911
(20)	$0.00166		4,301,826		$7,141
(21)	$0.00135		1,328,516,550		$1,793,497
(22)	$0.00073		2,057,513,768		$1,501,985
(23)	$0.00000	$0.35	416,151,703	934,308.8	$327,008
(24)	$0.00000		1,139,985		$0
(25)	$0.01047		9,253,661		$96,886
(26)	$0.01047		56,363,394		$590,125
(27)	$0.00201		22,848,413		$45,925
(28)			7,707,667,268	1,176,554.1	$10,341,392

5. LONG-TERM CONTRACTING FOR RENEWABLE ENERGY REVENUE

Line No.	LTCRER Charge per kWh (t)	Test Year kWh Deliveries (u)	LTCRER Revenue (v)
(15)	$0.00007	2,842,806,643	$198,996
(16)	$0.00007	271,507,214	$19,006
(17)	$0.00007	7,354,734	$515
(18)	$0.00007	125,505,022	$8,785
(19)	$0.00007	564,404,355	$39,508
(20)	$0.00007	4,301,826	$301
(21)	$0.00007	1,328,516,550	$92,996
(22)	$0.00007	2,057,513,768	$144,026
(23)	$0.00007	416,151,703	$29,131
(24)	$0.00000	1,139,985	$0
(25)	$0.00007	9,253,661	$648
(26)	$0.00007	56,363,394	$3,945
(27)	$0.00007	22,848,413	$1,599
(28)		7,707,667,268	$539,457

Column Descriptions:
(a) Lines (1) through (10) and (13): page 14
Line (11): S-10 per page 16 line (26), column (c)
Line (12): S-14 per page 17 line (38), column (c)
(b) Page 13
(c) actual kW billing demands for the period January 2011 through December 2011
(d) Page 13
(e) column (a) x column (b) + column (c) x column (d)
(f) Page 13
(g) column (a) x column (f)
(h) column (e) + column (g)
(i) Page 13
(j) Lines (15) through (24) and (27): page 14
Line (25): S-10 per page 16 line (26), column (c)
Line (26): S-14 per page 17 line (38), column (c)
(k) column (i) x column (j)
(l) Page 13
(m) column (j)
(n) column (l) x column (m)
(o) Page 13
(p) Page 13
(q) column (j)
(r) actual kW billing demands for the period January 2011 through December 2011
(s) column (o) x column (q) + column (p) x column (r)
(t) Page 13
(u) column (j)
(v) column (t) x column (u)

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Delivery Revenue Other Than Distribution Revenue
Rate Year Billing Units at Current Rates

Line No.	Rate Class	Rate Year kWh Deliveries (a)	Transmission Revenue (b)	Transmission Uncollectible Revenue (c)	Energy Efficiency Revenue (d)	Transition Revenue (e)	O&M Revenue (f)	LTCRER Revenue (g)	Total Other Delivery Revenue (h)
(1)	A-16	2,830,141,506	$54,451,923	$516,705	$17,603,480	$1,782,989	$4,499,925	$198,110	$79,053,132
(2)	A-60	291,989,246	$5,617,873	$53,309	$1,816,173	$183,953	$464,263	$20,439	$8,156,011
(3)	B-32	6,104,280	$96,443	$915	$37,969	$3,846	$4,456	$427	$144,056
(4)	B-62	75,685,416	$1,156,250	$10,972	$470,763	$47,682	$81,167	$5,298	$1,772,131
(5)	C-06	596,318,721	$10,858,964	$103,043	$3,709,102	$375,681	$989,889	$41,742	$16,078,421
(6)	C-08	1,669,932	$30,409	$289	$10,387	$1,052	$2,772	$117	$45,026
(7)	G-02	1,297,414,309	$23,224,022	$220,377	$8,069,917	$817,371	$1,751,509	$90,819	$34,174,016
(8)	G-32	2,215,125,443	$32,251,319	$306,039	$13,778,080	$1,395,529	$1,617,042	$155,059	$49,503,068
(9)	G-62	449,506,993	$5,792,230	$54,964	$2,795,933	$283,189	$353,218	$31,465	$9,311,000
(10)	M-1	1,139,985	$0	$0	$7,091	$718	$0	$0	$7,809
(11)	S-10	9,253,661	$105,677	$1,003	$57,558	$5,830	$96,886	$648	$267,601
(12)	S-14	56,363,394	$643,670	$6,108	$350,580	$35,509	$590,125	$3,945	$1,629,937
(13)	X-01	22,848,413	$144,630	$1,372	$142,117	$14,395	$45,925	$1,599	$350,039
(14)		7,853,561,299	$134,373,410	$1,275,096	$48,849,151	$4,947,744	$10,497,177	$549,669	$200,492,247

Column Descriptions:
(a) Lines (1) through (10) and (13): forecasted kWh deliveries for the period January 2011 through December 2011, page 15
Line (11): S-10 per page 16 line (26), column (c)
Line (12): S-14 per page 17 line (38), column (c)
(b) page 8, line (14), column (e)
(c) page 8, line (14), column (g)
(d) page 8, line (28), column (k)
(e) page 8, line (28), column (n)
(f) page 8, line (28), column (s)
(g) page 8, line (28), column (v)
column (b) + column (c) + column (d) + column (e) + column (f)

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Delivery Revenue Other Than Distribution Revenue
Rate Year Billing Units at Current Rates

1. TRANSMISSION REVENUE

Line No.	Rate Class	Rate Year kWh Deliveries (a)	Base Transmission Charge per kWh (b)	Rate Year kW (c)	Transmission Demand Charge (d)	Base Transmission Chg Revenue (e)	Transmission Uncollectible Charge per kWh (f)	Transmission Uncollectible Revenue (g)	Rate Year Adjusted Transmission Revenue (h)
(1)	A-16	2,830,141,506	$0.01924		$0.00	$54,451,923		$516,705	$54,968,628
(2)	A-60	291,989,246	$0.01924		$0.00	$5,617,873		$53,309	$5,671,182
(3)	B-32	6,104,280	$0.00633	19,795.4	$2.92	$96,443		$915	$97,358
(4)	B-62	75,685,416	$0.00633	231,904.5	$2.92	$1,156,250		$10,972	$1,167,222
(5)	C-06	596,318,721	$0.01821		$0.00	$10,858,964		$103,043	$10,962,007
(6)	C-08	1,669,932	$0.01821		$0.00	$30,409		$289	$30,698
(7)	G-02	1,297,414,309	$0.00820	4,661,194.5	$2.70	$23,224,022		$220,377	$23,444,400
(8)	G-32	2,215,125,443	$0.00633	6,243,005.2	$2.92	$32,251,319		$306,039	$32,557,358
(9)	G-62	449,506,993	$0.00633	1,009,195.3	$2.92	$5,792,230		$54,964	$5,847,193
(10)	M-1	1,139,985	$0.00000		$0.00	$0		$0	$0
(11)	S-10	9,253,661	$0.01142		$0.00	$105,677		$1,003	$106,680
(12)	S-14	56,363,394	$0.01142		$0.00	$643,670		$6,108	$649,778
(13)	X-01	22,848,413	$0.00633		$2.92	$144,630		$1,372	$146,003
(14)		7,853,561,299		12,165,094.9		$134,373,410		$1,275,096	$135,648,506

2. ENERGY EFFICIENCY REVENUE

Line No.		Energy Efficiency Charge per kWh (i)	Rate Year kWh Deliveries (j)	Energy Efficiency Charge Revenue (k)
(15)	A-16	$0.00622	2,830,141,506	$17,603,480
(16)	A-60	$0.00622	291,989,246	$1,816,173
(17)	B-32	$0.00622	6,104,280	$37,969
(18)	B-62	$0.00622	75,685,416	$470,763
(19)	C-06	$0.00622	596,318,721	$3,709,102
(20)	C-08	$0.00622	1,669,932	$10,387
(21)	G-02	$0.00622	1,297,414,309	$8,069,917
(22)	G-32	$0.00622	2,215,125,443	$13,778,080
(23)	G-62	$0.00622	449,506,993	$2,795,933
(24)	M-1	$0.00622	1,139,985	$7,091
(25)	S-10	$0.00622	9,253,661	$57,558
(26)	S-14	$0.00622	56,363,394	$350,580
(27)	X-01	$0.00622	22,848,413	$142,117
(28)			7,853,561,299	$48,849,151

3. TRANSITION CHARGE REVENUE

Line No.		Transition Charge per kWh (l)	Rate Year kWh Deliveries (m)	Transition Charge Revenue (n)
(15)	A-16	$0.00063	2,830,141,506	$1,782,989
(16)	A-60	$0.00063	291,989,246	$183,953
(17)	B-32	$0.00063	6,104,280	$3,846
(18)	B-62	$0.00063	75,685,416	$47,682
(19)	C-06	$0.00063	596,318,721	$375,681
(20)	C-08	$0.00063	1,669,932	$1,052
(21)	G-02	$0.00063	1,297,414,309	$817,371
(22)	G-32	$0.00063	2,215,125,443	$1,395,529
(23)	G-62	$0.00063	449,506,993	$283,189
(24)	M-1	$0.00063	1,139,985	$718
(25)	S-10	$0.00063	9,253,661	$5,830
(26)	S-14	$0.00063	56,363,394	$35,509
(27)	X-01	$0.00063	22,848,413	$14,395
(28)			7,853,561,299	$4,947,744

4. O&M REVENUE

Line No.		O&M Charge per kWh (o)	O&M Charge per kW (p)	Rate Year kWh Deliveries (q)	Rate Year kW (r)	O&M Revenue (s)
(15)	A-16	$0.00159		2,830,141,506		$4,499,925
(16)	A-60	$0.00159		291,989,246		$464,263
(17)	B-32	$0.00073		6,104,280		$4,456
(18)	B-62	$0.00000	$0.35	75,685,416	231,904.5	$81,167
(19)	C-06	$0.00166		596,318,721		$989,889
(20)	C-08	$0.00166		1,669,932		$2,772
(21)	G-02	$0.00135		1,297,414,309		$1,751,509
(22)	G-32	$0.00073		2,215,125,443		$1,617,042
(23)	G-62	$0.00000	$0.35	449,506,993	1,009,195.3	$353,218
(24)	M-1	$0.00000		1,139,985		$0
(25)	S-10	$0.01047		9,253,661		$96,886
(26)	S-14	$0.01047		56,363,394		$590,125
(27)	X-01	$0.00201		22,848,413		$45,925
(28)				7,853,561,299	1,241,099.8	$10,497,177

5. LONG-TERM CONTRACTING FOR RENEWABLE ENERGY REVENUE

Line No.		LTCRER Charge per kWh (t)	Rate Year kWh Deliveries (u)	LTCRER Revenue (v)
(15)	A-16	$0.00007	2,830,141,506	$198,110
(16)	A-60	$0.00007	291,989,246	$20,439
(17)	B-32	$0.00007	6,104,280	$427
(18)	B-62	$0.00007	75,685,416	$5,298
(19)	C-06	$0.00007	596,318,721	$41,742
(20)	C-08	$0.00007	1,669,932	$117
(21)	G-02	$0.00007	1,297,414,309	$90,819
(22)	G-32	$0.00007	2,215,125,443	$155,059
(23)	G-62	$0.00007	449,506,993	$31,465
(24)	M-1	$0.00000	1,139,985	$0
(25)	S-10	$0.00007	9,253,661	$648
(26)	S-14	$0.00007	56,363,394	$3,945
(27)	X-01	$0.00007	22,848,413	$1,599
(28)			7,853,561,299	$549,669

Column Descriptions:
(a) Lines (1) through (10) and (13): page 16
Line (11): S-10 per page 16 line (26), column (c)
Line (12): S-14 per page 17 line (38), column (c)
(b) Page 13
(c) forecasted kW billing demands for the period February 2013 through January 2014
(d) Page 13
(e) column (a) x column (b) + column (c) x column (d)
(f) n/a Revenue estimated
(g) column (a) x column (f)
(h) column (e) + column (g)
(i) Page 13
(j) Lines (15) through (24) and (27): page 16
Line (25): S-10 per page 16 line (26), column (c)
Line (26): S-14 per page 17 line (38), column (c)
(k) column (i) x column (j)
(l) Page 13
(m) column (j)
(n) column (l) x column (m)
(o) Page 13
(p) Page 13
(q) column (j)
(r) forecasted kW billing demands for the period February 2013 through January 2014
(s) column (o) x column (q) + column (p) x column (r)
(t) Page 13
(u) column (j)
(v) column (t) x column (u)

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Test Year Billing Determinants at Current Rates

Line No.	Rate Class	Description	Includes	Annual Bills/Fixtures	Monthly Customer / Fixture Charge	Customer Charge Revenue	Fixture Revenue	Billing Demand	Demand Charge	Demand Charge Revenue	kWh Deliveries	kWh Charge	kWh Charge Revenue
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
(1)	A-16	Residential	A-16,A-60	5,127,816		$17,430,690					3,114,313,857		$102,670,743
(2)	C-06	Small C&I	C-06, C-08	578,552		$4,605,775					568,706,181		$18,553,653
(3)	G-02	General C&I	G-02	100,963		$12,620,375		3,744,049		$17,334,945	1,328,516,550		$8,276,658
(4)	G-32	200 kW Demand	B-32,G-32	12,621		$9,465,750		3,309,828		$7,114,407	2,064,868,502		$16,890,624
(5)	G-62	3000 kW Demand	B-62,G-62	166		$2,822,000		1,262,373		$3,022,886	541,656,725		$48,749
(6)	S-10	Lighting	S-10,S-14	109,971			$10,317,499				65,617,055		($281,497)
(7)	X-01	Propulsion	X-01	12		$198,000					22,848,413		$283,320
(8)						$47,142,590	$10,317,499	8,316,250		$27,472,238	7,706,527,283		$146,442,251
(9)	A-16	Residential Basic		4,648,184	$3.75	$17,430,690					2,842,806,643	$0.03416	$97,110,275
(10)	A-60	Resid. Low Income		479,632	-	$0					271,507,214	$0.02048	$5,560,468
(11)	B-32	C&I Back-up		58	$750.00	$43,500		23,628	See below	$49,078	7,354,734	$0.00818	$60,162
(12)	B-62	3000 kW Back-up		24	$17,000.00	$408,000		328,065	See below	$621,712	125,505,022	$0.00009	$11,295
(13)	C-06	Small C&I		571,005	$8.00	$4,568,040					564,404,355	See below	$18,397,404
(14)	C-08	Small C&I Unmetrd		7,547	$5.00	$37,735					4,301,826	See below	$156,250
(15)	G-02	General C&I		100,963	$125.00	$12,620,375		3,744,049	$4.63	$17,334,945	1,328,516,550	$0.00623	$8,276,658
(16)	G-32	200 kW Demand		12,563	$750.00	$9,422,250		3,286,200	$2.15	$7,065,330	2,057,513,768	$0.00818	$16,830,463
(17)	G-62	3000 kW Demand		142	$17,000.00	$2,414,000		934,309	$2.57	$2,401,174	416,151,703	$0.00009	$37,454
(18)	S-10	Private Lighting		5,788	$146.41		$847,406				9,253,661	($0.00429)	($39,698)
(19)	S-14	Streetlighting		104,183	$90.90		$9,470,092				56,363,394	($0.00429)	($241,799)
(20)	X-01	X-01		12	$16,500.00	$198,000					22,848,413	$0.01240	$283,320
(21)						$47,142,590	$10,317,499	8,316,250		$27,472,238	7,706,527,283		$146,442,251
		B-32 C&I Back-up											
(22)		Back-up						1,084.0	$0.56	$607			
(23)		Supplemental						22,544.4	$2.15	$48,470			
(24)								23,628.4		$49,078			
		B-62 3000 kW Back-up											
(25)		Back-up						85,819.2	($0.01)	($858)			
(26)		Supplemental						242,245.3	$2.57	$622,570			
(27)								328,064.5		$621,712			
		C-06 Small C&I											
(28)		kWh									564,404,355	$0.03257	$18,382,650
(29)		Over 25 kVA									7,975	$1.85	$14,754
(30)													$18,397,404
		C-08 Small C&I Unmetered											
(31)		kWh									4,301,826	$0.03257	$140,110
(32)		Over 25 kVA									8,724	$1.85	$16,139
(33)													$156,250
(34)	M-1	Station Power		36	$3,640.42	$131,055							

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Test Year Billing Determinants at Current Rates (continued)

Line No.	Rate Class	Description	Includes	HVD Billing Units (k)	HVD Credit Revenue (l)	HVM Billing Units (m)	HVM Credit Revenue (n)	Feeder Service Billing Units (o)	Feeder Service Revenue (p)	Distribution kW and kWh Revenue (q)	CapEx Charge (kW) (r)	CapEx Charge (kWh) (s)	Cap Ex Revenue (t)	Total Distribution Revenue (u)
(1)	A-16	Residential	A-16,A-60							$102,670,743			$1,744,016	$121,845,448
(2)	C-06	Small C&I	C-06, C-08							$18,553,653			$301,414	$23,460,843
(3)	G-02	General C&I	G-02	70,599	($29,652)	$38,231,978	($7,646)			$25,574,305			$561,607	$38,756,287
(4)	G-32	200 kW Demand	B-32,G-32	1,517,425	($637,319)	$34,181,476	($161,065)	293,675	$710,694	$23,917,342			$463,376	$33,846,468
(5)	G-62	3000 kW Demand	B-62,G-62	974,426	($409,259)	$5,893,635	($133,300)			$2,529,076			$138,861	$5,489,937
(6)	S-10	Lighting	S-10,S-14							$10,036,001			$171,917	$10,207,918
(7)	X-01	Propulsion	X-01							$283,320			$15,308	$496,629
(8)				2,562,450	($1,076,229)	$78,307,089	($302,012)	293,675	$710,694	$183,564,441			$3,396,499	$234,103,530
(9)	A-16	Residential Basic								$97,110,275		$0.00056	$1,591,972	$116,132,937
(10)	A-60	Resid. Low Income								$5,560,468		$0.00056	$152,044	$5,712,512
(11)	B-32	C&I Back-up		8,031	($3,373)	$152,739	($1,130)			$104,736			$3,308	$151,544
(12)	B-62	3000 kW Back-up		96,379	($40,479)	$1,041,008	($23,631)			$568,898			$36,087	$1,012,985
(13)	C-06	Small C&I								$18,397,404		$0.00053	$299,134	$23,264,578
(14)	C-08	Small C&I Unmetrd								$156,250		$0.00053	$2,280	$196,265
(15)	G-02	General C&I		70,599	($29,652)	$38,231,978	($7,646)			$25,574,305	$0.15		$561,607	$38,756,287
(16)	G-32	200 kW Demand		1,509,395	($633,946)	$34,028,736	($159,935)	293,675	$710,694	$23,812,606	$0.14		$460,068	$33,694,924
(17)	G-62	3000 kW Demand		878,047	($368,780)	$4,852,627	($109,669)			$1,960,178	$0.11		$102,774	$4,476,952
(18)	S-10	Private Lighting								$807,708		$0.00262	$24,245	$831,953
(19)	S-14	Streetlighting								$9,228,293		$0.00262	$147,672	$9,375,965
(20)	X-01	X-01								$283,320		$0.00067	$15,308	$496,629
(21)				2,562,450	($1,076,229)	$78,307,089	($302,012)	293,675	$710,694	$183,564,441			$3,396,499	$234,103,530
				Rate	($0.42)			Rate	$2.42					
		B-32 C&I Back-up												
(22)		Back-up									$0.14		$151.76	
(23)		Supplemental									$0.14		$3,156.22	
(24)													$3,307.98	
		B-62 3000 kW Back-up												
(25)		Back-up									$0.11		$9,440.11	
(26)		Supplemental									$0.11		$26,646.98	
(27)													$36,087.10	
		C-06 Small C&I												
(28)		kWh												
(29)		Over 25 kVA												
(30)														
		C-08 Small C&I Unmetered												
(31)		kWh												
(32)		Over 25 kVA												
(33)														
(34)	M-1	Station Power												

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Rate Year Billing Determinants at Current Rates

Line No.	Rate Class	Description	Includes	Annual Bills/Fixtures (a)	Monthly Customer / Fixture Charge (b)	Customer Charge Revenue (c)	Fixture Revenue (d)	Billing Demand (e)	Demand Charge (f)	Demand Charge Revenue (g)	kWh Deliveries (h)	kWh Charge (i)	kWh Charge Revenue (j)
(1)	A-16	Residential	A-16,A-60	5,171,946		$17,509,781					3,122,130,751		$102,657,574
(2)	C-06	Small C&I	C-06,C-08	606,655		$4,831,787					597,988,653		$19,507,384
(3)	G-02	General C&I	G-02	100,425		$12,553,085		3,656,948		16,931,668	1,297,414,309		$8,082,891
(4)	G-32	200 kW Demand	B-32,G-32	12,655		$9,491,141		3,743,830		8,047,510	2,221,229,723		$18,169,659
(5)	G-62	3000 kW Demand	B-62,G-62	168		$2,856,000		1,241,100		2,968,213	525,192,409		$47,267
(6)	S-10	Lighting	S-10,S-14	109,971			$10,317,499				65,617,055		($281,497)
(7)	X-01	Propulsion	X-01	12		$198,000					22,848,413		$283,320
(8)						$47,439,794	$10,317,499	8,641,877		27,947,391	7,852,421,314		$148,466,598
(9)	A-16	Residential Basic		4,669,275	$3.75	$17,509,781					2,830,141,506	$0.03416	$96,677,634
(10)	A-60	Resid. Low Income		502,672	-	$0					291,989,246	$0.02048	$5,979,940
(11)	B-32	C&I Back-up		60	$750.00	$45,000		19,795	See below	40,837	6,104,280	$0.00818	$49,933
(12)	B-62	3000 kW Back-up		24	$17,000.00	$408,000		231,904	See below	374,581	75,685,416	$0.00009	$6,812
(13)	C-06	Small C&I		599,503	$8.00	$4,796,027					596,318,721	See below	$19,436,854
(14)	C-08	Small C&I Unmetrd		7,152	$5.00	$35,760					1,669,932	See below	$70,529
(15)	G-02	General C&I		100,425	$125.00	$12,553,085		3,656,948	$4.63	16,931,668	1,297,414,309	$0.00623	$8,082,891
(16)	G-32	200 kW Demand		12,595	$750.00	$9,446,141		3,724,034	$2.15	8,006,674	2,215,125,443	$0.00818	$18,119,726
(17)	G-62	3000 kW Demand		144	$17,000.00	$2,448,000		1,009,195	$2.57	2,593,632	449,506,993	$0.00009	$40,456
(18)	S-10	Private Lighting		5,788	$146.41		$847,406				9,253,661	($0.00429)	($39,698)
(19)	S-14	Streetlighting		104,183	$90.90		$9,470,092				56,363,394	($0.00429)	($241,799)
(20)	X-01	X-01		12	$16,500.00	$198,000					22,848,413	$0.01240	$283,320
(21)						$47,439,794	$10,317,499	8,641,877		27,947,391	7,852,421,314		$148,466,598
		B-32 C&I Back-up											
(22)		Back-up						1,084.0	$0.56	$607			
(23)		Supplemental						18,711.4	$2.15	$40,229			
(24)								19,795.4		$40,837			
		B-62 3000 kW Back-up											
(25)		Back-up						85,819.2	($0.01)	($858)			
(26)		Supplemental						146,085.3	$2.57	$375,439			
(27)								231,904.5		$374,581			
		C-06 Small C&I											
(28)		kWh									596,318,721	$0.03257	$19,422,101
(29)		Over 25 kVA									7,975	$1.85000	$14,754
(30)													$19,436,854
		C-08 Small C&I Unmetered											
(31)		kWh									1,669,932	$0.03257	$54,390
(32)		Over 25 kVA									8,724	$1.85000	$16,139
(33)													$70,529
(34)	M-1	Station Power		36	$3,640.42	$131,055							

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Rate Year Billing Determinants at Current Rates (continued)

Line No.	Rate Class	Description	Includes	HVD Billing Units (k)	HVD Credit Revenue (l)	HVM Billing Units (m)	HVM Credit Revenue (n)	Feeder Service Billing Units (o)	Feeder Service Revenue (p)	Distribution kW and kWh Revenue (q)	FY 2013 CapEx Charge (kW) (r)	FY 2013 CapEx Charge (kWh) (s)	FY 2013 Cap Ex Revenue (t)	Total Distribution Revenue (u)
(1)	A-16	Residential	A-16,A-60							$102,657,574			$1,748,393	$121,915,748
(2)	C-06	Small C&I	C-06,C-08							$19,507,384			$316,934	$24,656,104
(3)	G-02	General C&I	G-02	68,986	($28,974)	$37,567,644	($7,514)			$24,978,071			$548,542	$38,079,699
(4)	G-32	200 kW Demand	B-32,G-32	1,631,719	($685,322)	$36,419,004	($171,536)	293,675	$710,694	$26,071,005			$524,136	$36,086,283
(5)	G-62	3000 kW Demand	B-62,G-62	1,006,569	($422,759)	$5,871,480	($132,774)			$2,459,947			$136,521	$5,452,468
(6)	S-10	Lighting	S-10,S-14							$10,036,001			$171,917	$10,207,918
(7)	X-01	Propulsion	X-01							$283,320			$15,308	$496,629
(8)				2,707,274	($1,137,055)	$79,858,129	($311,824)	293,675	$710,694	$185,993,302			$3,461,752	$236,894,848
(9)	A-16	Residential Basic								$96,677,634		$0.00056	$1,584,879	$115,772,294
(10)	A-60	Resid. Low Income								$5,979,940		$0.00056	$163,514	$6,143,454
(11)	B-32	C&I Back-up		6,665	($2,799)	$135,770	($1,005)			$86,966			$2,771	$134,737
(12)	B-62	3000 kW Back-up		58,127	($24,413)	$789,393	($17,919)			$339,060			$25,509	$772,569
(13)	C-06	Small C&I								$19,436,854		$0.00053	$316,049	$24,548,930
(14)	C-08	Small C&I Unmetrd								$70,529		$0.00053	$885	$107,174
(15)	G-02	General C&I		68,986	($28,974)	$37,567,644	($7,514)			$24,978,071	$0.15		$548,542	$38,079,699
(16)	G-32	200 kW Demand		1,625,054	($682,523)	$36,283,235	($170,531)	293,675	$710,694	$25,984,040	$0.14		$521,365	$35,951,546
(17)	G-62	3000 kW Demand		948,442	($398,346)	$5,082,088	($114,855)			$2,120,887	$0.11		$111,011	$4,679,898
(18)	S-10	Private Lighting								$807,708		$0.00262	$24,245	$831,953
(19)	S-14	Streetlighting								$9,228,293		$0.00262	$147,672	$9,375,965
(20)	X-01	X-01								$283,320		$0.00067	$15,308	$496,629
(21)				2,707,274	($1,137,055)	$79,858,129	($311,824)	293,675	$710,694	$185,993,302			$3,461,752	$236,894,848
				Rate	($0.42)			Rate	$2.42					
		B-32 C&I Back-up												
(22)		Back-up									$0.14		$151.76	
(23)		Supplemental									$0.14		$2,619.60	
(24)													$2,771.36	
		B-62 3000 kW Back-up												
(25)		Back-up									$0.11		$9,440.11	
(26)		Supplemental									$0.11		$16,069.38	
(27)													$25,509.49	
		C-06 Small C&I												
(28)		kWh												
(29)		Over 25 kVA												
(30)														
		C-08 Small C&I Unmetered												
(31)		kWh												
(32)		Over 25 kVA												
(33)														
(34)	M-1	Station Power												

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Current Rates as of 4/23/2012

	A-16	A-60	B-32	B-62	C-06	C-08	G-02	G-32	G-62	M-1	S-06	SL-10	SL-14	X-01
Customer Charge	$3.75	$0.00	$750.00	$17,000.00	$8.00	$5.00	$125.00	$750.00	$17,000.00	$3,640.42				$16,500.00
Demand Charge														
Demand Charge - Back-Up Service >200 kW			$0.41											
Demand Charge - Suplemental Service >200 kW			$2.00					$2.00						
Demand Charge - Back-up Service (all kW)				($0.10)										
Demand Charge - Supplemental Service (all kW				$2.48					$2.48					
Demand Charge - kW in Excess of 10kW							$4.50							
Cap Structure Remand			$0.15	$0.09			$0.13	$0.15	$0.09					
Energy kWh Charges:														
Base Distribution kWh Charge	$0.03363	$0.01995	$0.00818	$0.00009	$0.03204	$0.03204	$0.00623	$0.00818	$0.00009		($0.00683)	($0.00683)	($0.00683)	$0.01184
Capital Structure Remand	$0.00053	$0.00053	$0.00000	$0.00000	$0.00053	$0.00053	$0.00000	$0.00000	$0.00000		$0.00254	$0.00254	$0.00254	$0.00056
Total Base kWh charge	$0.03416	$0.02048	$0.00818	$0.00009	$0.03257	$0.03257	$0.00623	$0.00818	$0.00009		($0.00429)	($0.00429)	($0.00429)	$0.01240
HVD Credit			($0.42)	($0.42)			($0.42)	($0.42)	($0.42)					
HVM Credit			-1.0%	-1.0%			-1.0%	-1.0%	-1.0%					
Minimum Bill Provision (kWh)					$1.85	$1.85								
Second Feeder Service (kVa Charge			$2.42	$2.42				$2.42	$2.42					
Fixtures (average unit charge per year												$ 146.41	$ 90.90	
CapEx Factor Charge	$0.00056	$0.00056	$0.00000	$0.00000	$0.00053	$0.00053	$0.00000	$0.00000	$0.00000		$0.00262	$0.00262	$0.00262	$0.00067
CapEx Factor Backup kW Charge			$0.14	$0.11										
CapEx Factor Supplemental kW Charge			$0.14	$0.11			$0.15	$0.14	$0.11					
Base Transmission - per kWh	$0.01950	$0.01950	$0.00659	$0.00659	$0.01847	$0.01847	$0.00846	$0.00659	$0.00659		$0.01168	$0.01168	$0.01168	$0.00659
Transmission Adj Factor	($0.00026)	($0.00026)	($0.00026)	($0.00026)	($0.00026)	($0.00026)	($0.00026)	($0.00026)	($0.00026)		($0.00026)	($0.00026)	($0.00026)	($0.00026)
Total Transmission - per kWh	$0.01924	$0.01924	$0.00633	$0.00633	$0.01821	$0.01821	$0.00820	$0.00633	$0.00633		$0.01142	$0.01142	$0.01142	$0.00633
Base Transmission - per kW			$2.92	$2.92			$2.70	$2.92	$2.92					$2.92
Transmission Uncollectible	$0.00018	$0.00018	$0.00013	$0.00013	$0.00017	$0.00017	$0.00015	$0.00013	$0.00013		$0.00010	$0.00010	$0.00010	$0.00013
Energy Efficiency	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622	$0.00622
Transition Charge	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063	$0.00063
Long Term Contracting for Renewable Energy	$0.00007	$0.00007	$0.00007	$0.00007	$0.00007	$0.00007	$0.00007	$0.00007	$0.00007		$0.00007	$0.00007	$0.00007	$0.00007
O&M Charge - per kWh	$0.00159	$0.00159	$0.00073	$0.00000	$0.00166	$0.00166	$0.00135	$0.00073	$0.00000		$0.01047	$0.01047	$0.01047	$0.00201
O&M Charge - per kW				$0.35					$0.35					

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Test Year kWh and Customer Counts

kWh Deliveries

Rate Class	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	2011
A-16	274,199,780	245,741,483	223,954,644	211,274,909	185,644,352	207,156,542	286,570,824	314,078,035	264,712,445	209,746,706	204,588,657	215,138,266	2,842,806,643
A-60	26,616,710	24,966,805	20,423,012	19,973,747	17,963,007	19,887,484	26,547,460	28,754,360	24,795,032	19,824,438	20,144,200	21,610,959	271,507,214
B-32	454,670	529,225	523,850	550,061	502,373	707,910	916,782	449,073	867,536	1,130,621	213,943	508,690	7,354,734
B-62	11,302,571	11,241,747	10,342,543	10,719,517	11,328,128	10,807,338	11,937,680	13,003,513	12,587,194	8,868,485	7,059,188	6,307,118	125,505,022
C-06	50,930,474	48,354,911	46,680,885	44,477,334	40,263,837	43,890,227	53,299,066	56,615,419	50,699,782	44,166,059	42,608,654	42,417,707	564,404,355
C-08	432,360	432,927	400,779	373,037	341,485	332,716	355,346	324,425	311,665	336,921	335,030	325,135	4,301,826
G-02	113,957,707	106,873,224	105,981,446	102,451,649	99,824,603	108,127,926	125,995,048	131,869,042	121,574,801	109,555,439	101,961,445	100,344,220	1,328,516,550
G-32	165,369,433	170,805,089	169,457,207	157,524,546	162,522,324	175,632,557	180,453,741	195,117,780	176,374,374	172,718,013	165,662,777	165,875,927	2,057,513,768
G-62	31,095,290	35,405,090	34,376,993	25,625,941	40,172,455	32,358,294	32,801,519	42,804,308	37,303,947	35,334,444	34,628,318	34,245,104	416,151,703
M-011	396,854	163,902	102,246	171,985	4,040	-	55,780	-	95,968	12,320	83,730	53,160	1,139,985
S-10	1,053,755	860,703	732,201	812,879	572,253	582,226	600,236	623,281	691,730	777,976	946,122	937,551	9,190,913
S-14	6,382,435	5,241,744	4,700,192	4,743,852	3,491,817	3,565,181	3,689,136	3,834,954	4,253,283	4,788,320	5,829,301	5,771,696	56,291,911
X-01	1,856,614	1,782,050	1,961,771	1,982,599	1,955,628	1,801,309	2,098,224	1,891,044	1,907,401	1,826,372	1,954,901	1,830,500	22,848,413
Total	684,048,653	652,398,900	619,637,769	580,682,056	564,586,302	604,849,710	725,320,842	789,365,234	696,175,158	609,086,114	586,016,266	595,366,033	7,707,533,037

Customer Count

Rate Class	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	2011
A-16	390,738	389,631	377,694	392,936	390,601	389,832	389,442	378,474	389,558	390,594	389,603	379,081	4,648,184
A-60	40,036	41,401	35,713	37,927	40,372	41,644	41,067	39,791	40,895	40,725	40,549	39,512	479,632
B-32	5	5	5	5	5	5	5	4	5	5	4	5	58
B-62	2	2	2	2	2	2	2	2	2	2	2	2	24
C-06	47,685	47,564	46,590	47,599	47,778	47,760	47,971	47,112	47,850	48,060	47,786	47,250	571,005
C-08	702	700	676	664	609	603	604	605	597	595	596	596	7,547
G-02	8,487	8,379	8,465	8,416	8,444	8,455	8,460	8,276	8,408	8,479	8,357	8,337	100,963
G-32	1,035	1,051	1,065	1,045	1,050	1,060	1,047	1,048	1,044	1,064	1,023	1,031	12,563
G-62	10	11	12	9	12	12	11	13	13	13	14	12	142
M-01	3	3	3	3	3	3	3	3	3	3	3	3	36
S-10*	2,721	2,711	2,701	2,693	2,688	2,689	2,681	2,678	2,678	2,676	2,670	2,671	32,257
S-14	379	380	383	379	379	378	378	377	377	378	379	379	4,546
X-01	1	1	1	1	1	1	1	1	1	1	1	1	12
Total	489,083	489,128	470,609	488,986	489,256	489,755	488,991	475,706	488,753	489,919	488,317	476,209	5,824,712

* Not Included in Total

Source: Monthly Distribution Revenue Report - CR97983A

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Forecasted kWh and Customer Counts

kWh Deliveries

Mo/Yr	A-16	A-60	B-32	B-62	C-06	C-08	G-02	G-32	G-62	SL	X-01	Total	SL	Adjusted Total
Feb-2013	241,736,118	26,720,478	508,690	6,307,118	49,074,568	139,161	105,566,193	166,467,015	38,920,934	6,716,958	1,782,050	643,939,284	5,468,088	642,690,413
Mar-2013	239,856,365	21,857,603	508,690	6,307,118	48,751,426	139,161	103,718,967	174,111,419	35,866,485	6,071,828	1,961,771	639,150,833	5,468,088	638,547,093
Apr-2013	223,662,010	21,385,047	508,690	6,307,118	50,382,792	139,161	97,697,429	185,713,602	32,547,333	5,521,927	1,982,599	625,847,707	5,468,088	625,793,868
May-2013	190,049,081	19,248,646	508,690	6,307,118	42,965,323	139,161	97,763,855	169,596,899	42,278,474	4,581,176	1,955,628	575,394,051	5,468,088	576,280,963
Jun-2013	215,513,970	21,327,629	508,690	6,307,118	45,667,505	139,161	106,064,560	183,975,511	34,365,376	4,644,189	1,801,309	620,315,020	5,468,088	621,138,918
Jul-2013	271,210,373	28,482,584	508,690	6,307,118	56,118,802	139,161	122,581,119	202,656,469	35,490,492	4,450,531	2,098,224	730,043,562	5,468,088	731,061,120
Aug-2013	286,303,406	30,854,540	508,690	6,307,118	56,159,907	139,161	130,310,255	195,556,497	42,303,961	5,097,345	1,891,044	755,431,924	5,468,088	755,802,667
Sep-2013	256,239,240	26,602,929	508,690	6,307,118	52,735,662	139,161	118,916,282	193,409,828	40,094,514	6,034,389	1,907,401	702,895,214	5,468,088	702,328,913
Oct-2013	208,427,191	21,263,672	508,690	6,307,118	46,294,196	139,161	107,917,880	182,908,546	38,462,366	6,534,900	1,826,372	620,590,094	5,468,088	619,523,281
Nov-2013	198,267,445	21,593,284	508,690	6,307,118	45,145,356	139,161	100,049,648	178,928,917	36,634,573	7,019,478	1,954,901	596,548,571	5,468,088	594,997,181
Dec-2013	240,166,816	23,162,213	508,690	6,307,118	48,712,572	139,161	96,196,503	196,455,983	40,209,818	7,475,864	1,830,500	661,165,238	5,468,088	659,157,461
Jan-2014	258,709,491	29,490,620	508,690	6,307,118	54,310,611	139,161	110,631,619	185,344,757	32,332,666	7,466,448	1,856,614	687,097,795	5,468,088	685,099,435
														-
Total	2,830,141,506	291,989,246	6,104,280	75,685,416	596,318,721	1,669,932	1,297,414,309	2,215,125,443	449,506,993	71,615,034	22,848,413	7,858,419,293	65,617,055	7,852,421,314

Customer Count

Mo/Yr	A-16	A-60	B-32	B-62	C-06	C-08	G-02	G-32	G-62	SL	X-01	Total
Feb-2013	387,364	43,275	5	2	49,285	596	8,328	1,055	12	2,991	1	492,914
Mar-2013	393,213	37,493	5	2	49,334	596	8,415	1,055	12	2,987	1	493,112
Apr-2013	391,071	39,691	5	2	49,518	596	8,369	1,049	12	2,977	1	493,291
May-2013	388,633	42,177	5	2	49,614	596	8,401	1,054	12	2,927	1	493,422
Jun-2013	387,358	43,494	5	2	49,734	596	8,408	1,051	12	2,922	1	493,584
Jul-2013	387,971	42,923	5	2	49,863	596	8,415	1,045	12	2,911	1	493,744
Aug-2013	389,318	41,628	5	2	50,149	596	8,245	1,050	12	2,909	1	493,914
Sep-2013	388,262	42,756	5	2	50,145	596	8,362	1,048	12	2,911	1	494,099
Oct-2013	388,542	42,579	5	2	50,182	596	8,434	1,055	12	2,909	1	494,317
Nov-2013	388,844	42,403	5	2	50,438	596	8,322	1,044	12	2,908	1	494,575
Dec-2013	390,024	41,372	5	2	50,597	596	8,312	1,045	12	2,912	1	494,878
Jan-2014	388,675	42,880	5	2	50,643	596	8,414	1,044	12	2,923	1	495,196
Total	4,669,275	502,672	60	24	599,503	7,152	100,425	12,595	144	35,186	12	5,927,047

The Narragansett Electric Company
d/b/a National Grid
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Estimated Streetlighting Revenue (S-10)
Based on SL Inventory as of Dec 31, 2011

Line No.	Component Code	Wattage	S-10 Units (a)	Annual kWhs (b)	Forecasted kWhs (c)	Current Luminaire Annual Charge (d)	S-10 Annual Revenue (e)
	Incandescent						
1	LUM INC RWY 105W	105	11	438	4,818	$69.46	$764.06
2							
3		Total	11	438	4,818		$764.06
4							
5	Mercury Vapor						
6							
7	LUM MV RWY 100W	100	141	543	76,563	$69.46	$9,793.86
8	LUM MV RWY 175W	175	166	881	146,246	$72.63	$12,056.58
9	LUM MV RWY 400W	400	55	1,991	109,505	$120.39	$6,621.45
10	LUM MV RWY 1000W	1,000	5	4,572	22,860	$163.46	$817.30
11	LUM MV FLD 400W	400	606	1,991	1,206,546	$143.14	$86,742.84
12	LUM MV FLD 1000W	1,000	303	4,572	1,385,316	$181.37	$54,955.11
13							
14		Total	1,276		2,947,036		$170,987.14
15							
16	High Pressure Sodium Vapor						
17							
18	LUM HPS RWY 50W	50	97	255	24,735	$69.46	$6,737.62
19	LUM HPS RWY 70W	70	278	359	99,802	$69.72	$19,382.16
20	LUM HPS RWY 100W	100	151	493	74,443	$72.63	$10,967.13
21	LUM HPS RWY 150W	150	13	722	9,386	$72.63	$944.19
22	LUM HPS RWY 250W	250	181	1,269	229,689	$120.39	$21,790.59
23	LUM HPS RWY 400W	400	55	1,962	107,910	$163.46	$8,990.30
24	WALL HPS 250W 24 HR	250	0	2,663	0	$172.21	$0.00
25	LUM HPS FLD 250W	250	1,110	1,269	1,408,590	$143.14	$158,885.40
26	LUM HPS FLD 400W	400	2,102	1,962	4,124,124	$181.37	$381,239.74
27	LUM HPS POST 50W	50	47	255	11,985	$155.49	$7,308.03
28	LUM HPS POST 100W	100	37	493	18,241	$156.80	$5,801.60
29	LUM HPS REC 100W-C1	100	25	493	12,325	$92.30	$2,307.50
30							
31		Total	4,096	12,195	6,121,230		$624,354.26
32							
33	Metal Halide						
34							
35	LUM MH FLD 400W	400	17	1,883	32,011	$181.37	$3,083.29
36	LUM MH FLD 1000W	1,000	33	4,502	148,566	$181.37	$5,985.21
37							
38		Total	50		180,577		$9,068.50
39							
40	Total Fixture Charge Revenue		5,433		9,253,661		$805,173.96
41							
42	Poles						
43							
44	POLE-WOOD	Wood	192			$77.81	$14,939.52
45	POLE FIBR PT EMB<25	Fiberglass	101			$105.72	$10,677.72
46	POLE FIBER RWY<25	Fiberglass	16			$162.86	$2,605.76
47	POLE METAL =>25	Aluminum	46			$304.55	$14,009.30
48							
49	Total Pole Charge Revenue		355				$42,232.30
50							
51	Total Fixture and Pole Revenue		5,788				$847,406.26
52							
53	Average Fixture Charge per Year (Line 32, column (e) ÷ Line 32, column (a))						$146.41

(a) streetlight quantities as of 12/31/2011
(b) per R.I.P.U.C. No. 2093, Limited Service - Private Lighting S-10
(c) column (a) x column (b)
(d) annual charge per tariffs, R.I.P.U.C. 2095, Sheet 3
(e) column (a) x column (d)

Estimated Streetlighting Revenue (S-14)
Based on SL Inventory as of Dec 31, 2011

Line No.	Component Code	Wattage	S-14 Units (a)	Annual kWhs (b)	Forecasted kWhs (c)	Current Luminaire Annual Charge (d)	S-14 Annual Revenue (e)
	Incandescent						
1	LUM INC RWY 105W	105	299	438	130,962	$69.46	$20,768.54
2	LUM INC RWY 205W	206	31	856	26,536	$69.46	$2,153.26
3							
4		Total	330		157,498		$22,921.80
5							
6	Mercury Vapor						
7							
8	LUM MV RWY 100W	100	4,479	543	2,432,097	$69.46	$311,111.34
9	LUM MV RWY 175W	175	779	881	686,299	$72.63	$56,578.77
10	LUM MV RWY 250W	250	111	1,282	142,302	$72.63	$8,061.93
11	LUM MV RWY 400W	400	1,055	1,991	2,100,505	$120.39	$127,011.45
12	LUM MV RWY 1000W	1000	71	4,572	324,612	$163.46	$11,605.66
13	LUM MV FLD 400W	400	34	1,991	67,694	$143.14	$4,866.76
14	LUM MV FLD 1000W	1000	5	4,572	22,860	$181.37	$906.85
15	LUM MV POST 175W	175	4	881	3,524	$156.80	$627.20
16	LUM MV RWY 400W TT	400	2	n/a	n/a	$72.23	$144.46
17							
18		Total	6,540	16,713	5,779,893		$520,914.42
19	Metal Halide						
20							
21	LUM MH FLD 400W	400	2	1,883	3,766	$181.37	$362.74
22	LUM MH FLD 1000W	1000	5	4,502	22,510	$181.37	$906.85
23	LUM MH FLD 400W TT	400	2	n/a	n/a	$108.82	$217.64
24							
25		Total	9	6,385	26,276		$1,487.23
26							
27	High Pressure Sodium Vapor						
28							
29	LUM HPS RWY 50W	50	41059	255	10,470,045	$69.46	$2,851,958.14
30	LUM HPS RWY 70W	70	12900	359	4,631,100	$69.72	$899,388.00
31	LUM HPS RWY 100W	100	14,847	493	7,319,571	$72.63	$1,078,337.61
32	LUM HPS RWY 150W	150	28	722	20,216	$72.63	$2,033.64
33	LUM HPS RWY 250W	250	16,894	1,269	21,438,486	$120.39	$2,033,868.66
34	LUM HPS RWY 400W	400	1,938	1,962	3,802,356	$163.46	$316,785.48
35	WALL HPS 250W 24 HR	250	4	2,663	10,652	$172.21	$688.84
36	LUM HPS POST 50W	50	3	255	765	155.49	$466.47
37	LUM HPS POST 100W	100	1,070	493	527,510	$156.80	$167,776.00
38	LUM HPS FLD 250W	250	338	1,269	428,922	$143.14	$48,381.32
39	LUM HPS FLD 400W	400	892	1,962	1,750,104	$181.37	$161,782.04
40	LUM HPS RWY 50W TT	50	380	n/a	n/a	$41.68	$15,838.40
41	LUM HPS RWY 70W TT	70	1,141	n/a	n/a	$41.83	$47,728.03
42	LUM HPS RWY 100W TT	100	191	n/a	n/a	$43.58	$8,323.78
43	LUM HPS RWY 250W TT	250	189	n/a	n/a	$72.23	$13,651.47
44	LUM HPS RWY 400W TT	400	9	n/a	n/a	$98.08	$882.72
45	LUM HPS POST 100W TT	100	5	n/a	n/a	$94.08	$470.40
46	LUM HPS FLD 250W TT	250	11	n/a	n/a	$85.88	$944.68
47	LUM HPS FLD 400W TT	400	9	n/a	n/a	$108.82	$979.38
48							
49		Total	91,908	11,702	50,399,727		$7,650,285.06
50							
51	Total Fixture Charge Revenue		98,787	34,800	56,363,394		$8,195,608.51
52							
53	Poles						
54							
55	POLE-WOOD		224			$77.81	$17,429.44
56	POLE FIBR PT EMB<25		1082			105.72	$114,389.04
57	POLE FIBER PT <25		646			$162.86	$105,207.56
58	PLFBFDW>25F		96			$185.67	$17,824.32
59	POLE METAL =>25		3,348			$304.55	$1,019,633.40
60							
61	Total Pole Charge Revenue		5,396				$1,274,483.76
62							
63	Total Fixture and Pole Revenue		104,183				$9,470,092.27
64							
65	Average Fixture Charge per Year (Line 45, column (e) ÷ Line 45, column (a))						$90.90

(a) streetlight quantities as of 12/31/2011
(b) per R.I.P.U.C. No. 2093, Limited Service - Private Lighting S-14
(c) column (a) x column (b)
(d) annual charge per tariffs, R.I.P.U.C. 2095, Sheet 3
(e) column (a) x column (d)

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Street and Area Lighting Replacement Cost Study

The Narragansett Electric Company
d/b/a National Grid
Docket No. R.I.P.U.C. ____
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The Narragansett Electric Company
Street and Area Lighting Replacement Cost Study
Summary of Luminaire Cost

Luminaire/Pole Description	Lumen Size (a)	Input Wattage (KW) (b)	Burning Hours (Annual) (c)	Annual kWh (Including Photo Cell) (d)	Annual Lamp Replacement Cost (Materials) (e)	Annual Photo Cell Replacement (Material) (f)	Annual Labor & Equipment Cost (g)	Allocation of O&M (h)	Allocation of Administrative & General (i)	Total O&M (j)	Carrying Charge (k)	Total Cost (l)
Luminaires:												
DEC HPS TR 50W	4,000	0.061078	4,175	257	$ 0.86	$ 0.21	$ 30.18	$ 1.72	$ 53.46	$ 86.43	$ 112.13	$ 198.56
DEC HPS TR 100W	9,600	0.118084	4,175	495	$ 0.80	$ 0.21	$ 19.25	$ 3.31	$ 34.66	$ 58.23	$ 112.28	$ 170.51
DEC HPS AG 50W	4,000	0.061078	4,175	257	$ 0.86	$ 0.21	$ 30.18	$ 1.72	$ 53.46	$ 86.43	$ 205.91	$ 292.34
DEC HPS AG 100W	9,600	0.118084	4,175	495	$ 0.80	$ 0.21	$ 30.18	$ 3.31	$ 53.36	$ 87.86	$ 192.91	$ 280.77
DEC HPS WL 50W	4,000	0.061078	4,175	257	$ 0.86	$ 0.21	$ 30.18	$ 1.72	$ 53.46	$ 86.43	$ 238.92	$ 325.35
DEC HPS WL 100W	9,600	0.118084	4,175	495	$ 0.80	$ 0.21	$ 30.18	$ 3.31	$ 53.36	$ 87.86	$ 237.44	$ 325.30
DEC HPS TR-TW 50W	4,000	0.122156	4,175	512	$ 1.72	$ 0.21	$ 59.05	$ 3.42	$ 104.30	$ 168.70	$ 337.59	$ 506.29
DEC HPS TR-TW 100W	9,600	0.236168	4,175	988	$ 1.60	$ 0.21	$ 59.05	$ 6.60	$ 104.10	$ 171.56	$ 337.90	$ 509.46
DEC HPS AG-TW 50W	4,000	0.122156	4,175	512	$ 1.72	$ 0.21	$ 59.05	$ 3.42	$ 104.30	$ 168.70	$ 525.14	$ 693.84
DEC HPS AG-TW 100W	9,600	0.236168	4,175	988	$ 1.60	$ 0.21	$ 59.05	$ 6.60	$ 104.10	$ 171.56	$ 499.15	$ 670.71
DEC HPS WL-TW 50W	4,000	0.122156	4,175	512	$ 1.72	$ 0.21	$ 59.05	$ 3.42	$ 104.30	$ 168.70	$ 591.17	$ 759.87
DEC HPS WL-TW 100W	9,600	0.236168	4,175	988	$ 1.60	$ 0.21	$ 59.05	$ 6.60	$ 104.10	$ 171.56	$ 588.21	$ 759.77
LUM HPS RWY 50W	4,000	0.061078	4,175	257	$ 0.86	$ 0.21	$ 19.19	$ 1.72	$ 34.66	$ 56.64	$ 76.72	$ 133.36
LUM HPS RWY 70W	6,300	0.085988	4,175	361	$ 0.58	$ 0.21	$ 19.19	$ 2.41	$ 34.18	$ 56.57	$ 75.90	$ 132.47
LUM HPS RWY 100W	9,600	0.118084	4,175	495	$ 0.80	$ 0.21	$ 19.19	$ 3.31	$ 34.55	$ 58.06	$ 76.39	$ 134.45
LUM HPS RWY 150W	16,000	0.172934	4,175	724	$ 0.87	$ 0.21	$ 19.19	$ 4.84	$ 34.67	$ 59.78	$ 75.57	$ 135.35
LUM HPS RWY 250W	27,500	0.303952	4,175	1,271	$ 0.83	$ 0.21	$ 19.19	$ 8.49	$ 34.61	$ 63.33	$ 92.90	$ 156.23
LUM HPS RWY 400W	50,000	0.46994	4,175	1,964	$ 0.62	$ 0.21	$ 19.19	$ 13.12	$ 34.25	$ 67.39	$ 98.08	$ 165.47
WALL HPS 250W 24 HR	27,500	0.303995	4,175	1,271	$ 0.83	$ 0.21	$ 30.18	$ 17.80	$ 53.41	$ 102.43	$ 161.72	$ 264.15
LUM HPS FLD 250W	27,500	0.303952	4,175	1,271	$ 0.83	$ 0.21	$ 36.56	$ 8.49	$ 64.31	$ 110.40	$ 141.26	$ 251.66
LUM HPS FLD 400W	50,000	0.46994	4,175	1,964	$ 0.62	$ 0.21	$ 36.56	$ 13.12	$ 63.95	$ 114.46	$ 140.42	$ 254.88
LUM MH FLD 400W	32,000	0.451018	4,175	1,885	$ 0.77	$ 0.21	$ 27.64	$ 12.59	$ 48.95	$ 90.16	$ 97.79	$ 187.95
Poles:												
POLE-WOOD	-	-	-	-	-	-	-	-	-	$ -	$ 230.31	$ 230.31
POLE FIBER RWY <25'	-	-	-	-	-	-	-	-	-	$ -	$ 730.56	$ 730.56
POLE FIBER RWY => 25'	-	-	-	-	-	-	-	-	-	$ -	$ 815.62	$ 815.62
POLE METAL =>25'	-	-	-	-	-	-	-	-	-	$ -	$ 834.90	$ 834.90
POLE FIBER PT <25'	-	-	-	-	-	-	-	-	-	$ -	$ 448.21	$ 448.21
POLE METAL EMBEDDED	-	-	-	-	-	-	-	-	-	$ -	$ 697.86	$ 697.86
DEC VILL PT/FDN	-	-	-	-	-	-	-	-	-	$ -	$ 566.70	$ 566.70
DEC WASH PT/FDN	-	-	-	-	-	-	-	-	-	$ -	$ 575.78	$ 575.78

Column Descriptions:
(a) streetlight standards
(b) per Page 2, Column (c)
(c) per Page 2, Line (4)
(d) Column (b) x Column (c), rounded to zero decimal places, plus Photo Cell annual kWhs on Page 2, Column (e)
(e) per Page 3, Column (e)
(f) per Page 3, Column (e)
(g) luminaire annual labor & equipment cost per page 3, Column (g) + photo cell annual labor & equipment cost per page 3, Column (g)
(h) per Page 2, Column (h)
(i) luminaire annual A&G expense per page 3, Column (j) + photo cell annual A&G expense per page 3, Column (j)
(j) Sum of Columns (e) through (i)
(k) per Page 4, Column (c)
(l) Column (j) + Column (k)

The Narragansett Electric Company
Allocation of O&M

SECTION I: Calculation of Photo Cell Annual kWh

Line No.	
(1) Total Annual Days	365
(2) 24 Burning Hours per Day	24
(3) Burning Hours for WALL HPS 250W 24 HR	8,760
(4) Fisher-Pierce Burning Hour Study/Luminaire Burning Hours for All Other Luminaires	4,175
(5) Photo Cell Burning Hours	4,585
(6) Wattage	0.0005
(7) Photocell Annual kWhs (all luminaires)	2

SECTION II: Calculation of Luminaire kWhs and O&M Cost per Luminaire

Luminaire Description (a)	Annual Burning Hours (b)	As of 12/1/11 Wattage (c)	Luminaire Annual kWh (d)	Photo Cell Annual kWh (e)	Total Annual kWh (f)	O&M Cost Cost per kWh (g)	O&M Cost per Unit (h)
High Pressure Sodium Vapor							
DEC HPS TR 50W	4,175	0.061	255	2	257	$0.00668	$1.72
DEC HPS TR 100W	4,175	0.118	493	2	495	$0.00668	$3.31
DEC HPS AG 50W	4,175	0.061	255	2	257	$0.00668	$1.72
DEC HPS AG 100W	4,175	0.118	493	2	495	$0.00668	$3.31
DEC HPS WL 50W	4,175	0.061	255	2	257	$0.00668	$1.72
DEC HPS WL 100W	4,175	0.118	493	2	495	$0.00668	$3.31
DEC HPS TR-TW 50W	4,175	0.122	510	2	512	$0.00668	$3.42
DEC HPS TR-TW 100W	4,175	0.236	986	2	988	$0.00668	$6.60
DEC HPS AG-TW 50W	4,175	0.122	510	2	512	$0.00668	$3.42
DEC HPS AG-TW 100W	4,175	0.236	986	2	988	$0.00668	$6.60
DEC HPS WL-TW 50W	4,175	0.122	510	2	512	$0.00668	$3.42
DEC HPS WL-TW 100W	4,175	0.236	986	2	988	$0.00668	$6.60
LUM HPS RWY 50W	4,175	0.061	255	2	257	$0.00668	$1.72
LUM HPS RWY 70W	4,175	0.086	359	2	361	$0.00668	$2.41
LUM HPS RWY 100W	4,175	0.118	493	2	495	$0.00668	$3.31
LUM HPS RWY 150W	4,175	0.173	722	2	724	$0.00668	$4.84
LUM HPS RWY 250W	4,175	0.304	1,269	2	1,271	$0.00668	$8.49
LUM HPS RWY 400W	4,175	0.470	1,962	2	1,964	$0.00668	$13.12
WALL HPS 250W 24 HR	8,760	0.304	2,663	2	2,665	$0.00668	$17.80
LUM HPS FLD 250W	4,175	0.304	1,269	2	1,271	$0.00668	$8.49
LUM HPS FLD 400W	4,175	0.470	1,962	2	1,964	$0.00668	$13.12
LUM MH FLD 400W	4,175	0.451	1,883	2	1,885	$0.00668	$12.59

Line Descriptions:
(1) No. of days per year
(2) No. of hours per day
(3) Line (1) x Line (2)
(4) Fisher-Pierce Burning Hour Study
(5) Line (30 - Line (4)
(6) Streetlighting standards
(7) Line (5) x Line (6)

Column Descriptions:
(a) luminaire description
(b) per Section I, Line (4)
(c) Streetlighting standards
(d) Column (b) x Column (c), rounded to zero decimal places
(e) per Section I, Line (7)
(f) Column (d) + (e)
(g) per Page 6, Line (7)
(h) Column (f) x Column (g), rounded to two decimal places

The Narragansett Electric Company
Lamp Replacement Cost

Luminaire Description (a)	Luminaire Short Name Description (b)	Lamp Replacement Cost (c)	Life Multiplier (years) (d)	Annual Material Cost (e)	Labor & Equipment Replacement Cost (f)	Annual Labor & Equipment Cost (g)	Total Annual Labor & Material Costs (h)	A&G Percentage (i)	A&G Expense (j)
Lumen HPS Decorative Post Top 4,000 (50W)	DEC HPS TR 50W	$9.40	10.9	$0.86	$329.00	$30.18	$31.04	171.05%	$53.10
Lumen HPS Decorative Post Top 9,600 (100W)	DEC HPS TR 100W	$8.70	10.9	$0.80	$209.85	$19.25	$20.05	171.05%	$34.30
Lumen HPS Decorative Post Top 4,000 (50W)	DEC HPS AG 50W	$9.40	10.9	$0.86	$329.00	$30.18	$31.04	171.05%	$53.10
Lumen HPS Decorative Post Top 9,600 (100W)	DEC HPS AG 100W	$8.70	10.9	$0.80	$329.00	$30.18	$30.98	171.05%	$53.00
Lumen HPS Decorative Post Top 4,000 (50W)	DEC HPS WL 50W	$9.40	10.9	$0.86	$329.00	$30.18	$31.04	171.05%	$53.10
Lumen HPS Decorative Post Top 9,600 (100W)	DEC HPS WL 100W	$8.70	10.9	$0.80	$329.00	$30.18	$30.98	171.05%	$53.00
Lumen HPS Decorative Post Top - Twin 4,000 (50W)	DEC HPS TR-TW 50W	$18.80	10.9	$1.72	$643.62	$59.05	$60.77	171.05%	$103.94
Lumen HPS Decorative Post Top - Twin 9,600 (100W)	DEC HPS TR-TW 100W	$17.40	10.9	$1.60	$643.62	$59.05	$60.65	171.05%	$103.74
Lumen HPS Decorative Post Top - Twin 4,000 (50W)	DEC HPS AG-TW 50W	$18.80	10.9	$1.72	$643.62	$59.05	$60.77	171.05%	$103.94
Lumen HPS Decorative Post Top - Twin 9,600 (100W)	DEC HPS AG-TW 100W	$17.40	10.9	$1.60	$643.62	$59.05	$60.65	171.05%	$103.74
Lumen HPS Decorative Post Top - Twin 4,000 (50W)	DEC HPS WL-TW 50W	$18.80	10.9	$1.72	$643.62	$59.05	$60.77	171.05%	$103.94
Lumen HPS Decorative Post Top - Twin 9,600 (100W)	DEC HPS WL0-TW 100W	$17.40	10.9	$1.60	$643.62	$59.05	$60.65	171.05%	$103.74
Lumen HPS Roadway 4,000 (50W)	LUM HPS RWY 50W	$9.40	10.9	$0.86	$209.18	$19.19	$20.05	171.05%	$34.30
Lumen HPS Roadway 6,300 (70W)	LUM HPS RWY 70W	$6.30	10.9	$0.58	$209.18	$19.19	$19.77	171.05%	$33.82
Lumen HPS Roadway 9,600 (100W)	LUM HPS RWY 100W	$8.70	10.9	$0.80	$209.18	$19.19	$19.99	171.05%	$34.19
Lumen HPS Roadway 16,000 (150W)	LUM HPS RWY 150W	$9.45	10.9	$0.87	$209.18	$19.19	$20.06	171.05%	$34.31
Lumen HPS Roadway 27,500 (250W)	LUM HPS RWY 250W	$9.10	10.9	$0.83	$209.18	$19.19	$20.02	171.05%	$34.25
Lumen HPS Roadway 50,000 (400W)	LUM HPS RWY 400W	$6.75	10.9	$0.62	$209.18	$19.19	$19.81	171.05%	$33.89
Lumen HPS Wallighter 27,500 (250W)	WALL HPS 250W 24 HR	$9.10	10.9	$0.83	$329.00	$30.18	$31.01	171.05%	$53.05
Lumen HPS Floodlight 27,500 (250W)	LUM HPS FLD 250W	$9.10	10.9	$0.83	$398.47	$36.56	$37.39	171.05%	$63.95
Lumen HPS Floodlight 50,000 (400W)	LUM HPS FLD 400W	$6.75	10.9	$0.62	$398.47	$36.56	$37.18	171.05%	$63.59
Metal Halide Floodlight 32,000 (400W)	LUM MH FLD 400W	$8.42	10.9	$0.77	$301.26	$27.64	$28.41	171.05%	$48.59
Photo Cell	Photo Cell	$2.86	13.7	$0.21		$0.00	$0.21	171.05%	$0.36
Photo Cell (No Crew Protection)	Photo Cell (No Crew Protection)	$2.86	13.7	$0.21		$0.00	$0.21	171.05%	$0.36

Column Descriptions:

Column (c) lamp material cost per Replacement Cost Studies, pages 10 through 33
Column (d) Streetlighting Standards
Column (e) Column (c) ÷ Column (d) rounded to 2 decimal places
Column (f) Total Labor & Labor Overhead per replacement cost studies per Page 11 through Page 39. (Total Labor & Labor Overhead for Photo Cell included with Lamp Replacement Cost.)
Column (g) Column (f) ÷ Column (d)
Column (h) Column (e) + Column (g)
Column (i) Administrative & General Costs as a percentage of O&M Costs per page 7, Line (5)
Column (j) Column (h) x Column (i) rounded to two places

The Narragansett Electric Company
Carrying Charge per Unit

Luminaire/Standard Short Description	Replacement Installed Cost (a)	Replacement Cost Study Page No.	Carrying Charge Rate (b)	Carrying Charge per Unit (c)
High Pressure Sodium Vapor - Post Tops:				
DEC HPS TR 50W	$614.62	10	18.24%	$112.13
DEC HPS TR 100W	$615.46	11	18.24%	$112.28
DEC HPS AG 50W	$1,128.64	12	18.24%	$205.91
DEC HPS AG 100W	$1,057.40	13	18.24%	$192.91
DEC HPS WL 50W	$1,309.61	14	18.24%	$238.92
DEC HPS WL 100W	$1,301.48	15	18.24%	$237.44
DEC HPS TR-TW 50W	$1,850.46	16	18.24%	$337.59
DEC HPS TR-TW 100W	$1,852.13	17	18.24%	$337.90
DEC HPS AG-TW 50W	$2,878.49	18	18.24%	$525.14
DEC HPS AG-TW 100W	$2,736.01	19	18.24%	$499.15
DEC HPS WL-TW 50W	$3,240.43	20	18.24%	$591.17
DEC HPS WL-TW 100W	$3,224.17	21	18.24%	$588.21
High Pressure Sodium Vapor - Roadway				
LUM HPS RWY 50W	$420.55	24	18.24%	$76.72
LUM HPS RWY 70W	$416.03	25	18.24%	$75.90
LUM HPS RWY 100W	$418.70	26	18.24%	$76.39
LUM HPS RWY 150W	$414.21	27	18.24%	$75.57
LUM HPS RWY 250W	$509.20	28	18.24%	$92.90
LUM HPS RWY 400W	$537.61	29	18.24%	$98.08
High Pressure Sodium Vapor - Wallighter				
WALL HPS 250W 24 HR	$886.46	30	18.24%	$161.72
High Pressure Sodium Vapor - Floodlight				
LUM HPS FLD 250W	$774.30	31	18.24%	$141.26
LUM HPS FLD 400W	$769.68	32	18.24%	$140.42
Metal Halide - Floodlight				
LUM MH FLD 400W	$536.03	33	18.24%	$97.79
Poles:				
POLE-WOOD	$1,262.41	34	18.24%	$230.31
POLE FIBER RWY <25'	$4,004.45	35	18.24%	$730.56
POLE FIBER RWY => 25'	$4,470.73	36	18.24%	$815.62
POLE METAL =>25'	$4,576.39	37	18.24%	$834.90
POLE FIBER PT <25'	$2,456.82	38	18.24%	$448.21
POLE METAL EMBEDDED	$3,825.21	39	18.24%	$697.86
DEC VILL PT/FDN	$3,106.29	22	18.24%	$566.70
DEC WASH PT/FDN	$3,156.06	23	18.24%	$575.78

Column Descriptions:

(a) Plant Addition per Replacement Cost Study on pages 10 through 39
(b) per Page 5, Line (5)
(c) Column (a) x Column (b), rounded to two decimal places

The Narragansett Electric Company
Annual Carrying Charge

	Capital Costs:	Capital Structure	Cost Rate	Weighted Return
(1)	Long Term Debt	49.00%	5.110%	2.50%
	Short Term Debt	1.20%	0.800%	0.01%
	Preferred Stock(COP)	0.20%	4.500%	0.01%
	Common Equity (COC)	49.65%	10.750%	5.33%
	Total			7.85%

	Income Taxes:	Rate	Formula	
(2)	Federal (FIT)	35.00%	((COP) + COC)/(1 - 0.35) * 0.35) = FIT	2.87%

(3)	Depreciation Expense			5.56%
		Expense	Average Depreciable Plant in Service	
(4)	Property Taxes (000)	$ 24,541,417	$ 1,247,903,880	1.97%
(5)	Total Carrying Charge			18.24%

Line Descriptions:

(1) Overall Cost of Capital per Schedule MDL-2-Elec, page 61
(2) see formula
(3) Straight-line depreciation rate for the 18 year life of streetlights
(4) Property Tax Expense per Schedule MDL-2-Elec, page 58, Plant In Service per Schedule MDL-2-Elec, page 63
(5) Sum of Lines (1) through (4)

The Narragansett Electric Company
O&M Cost per kWh

Line No:			
(1)	Total Distribution O&M Expense		$53,260,610
(2)	Operation of Streetlighting	$353,993	
(3)	Maintenance of Streetlighting	$1,391,107	
(4)	Total Streetlighting O&M		$1,745,100
(5)	Net O&M Expense		$51,515,510
(6)	Total kWh Sales		7,706,393,052
(7)	O&M Cost per kWh		$0.00668

Line Descriptions:

(1) per Company records. FERC accounts 373
(2) per Company records. FERC accounts 585
(3) per Company records. FERC accounts 596
(4) Line (2) + Line (3)
(5) Line (1) - Line (4)
(6) Per Billing Records
(7) Line (5) ÷ Line (6), rounded to 5 decimal places

The Narragansett Electric Company
A&G Expense

(1) Total Distribution O&M Expense		$25,234,197
(2) Administrative & General Expense	$63,898,927	
(3) Employee Benefits	$20,735,950	
(4) A&G Expense Excluding Benefits		$43,162,977
(5) Percentage Allocation for A&G Expense		171.05%

Line Descriptions:

(1) per Company records. FERC accounts 580-598
(2) per Company records. FERC accounts 920-935
(3) per Company records. FERC accounts 926
(4) Line (2) - Line (3)
(5) Line (4) ÷ Line (1), rounded to 4 decimal places

Crew Protection, and Transportation/Equipment Cost
Engineering Study Data
Labor Overhead, Materials Overhead, Engineering Overheads,
and Transportation/Equipment Costs

Line No.			
	Labor Overhead:		
1	Benefits, Insurance, & Taxes		85.14%
2	Bonus Accrual		7.21%
3	Time Not Worked		24.66%
4	Supervision & Admin (Standard Rate)		34.59%
5	Total Labor Overhead		151.59%
	Materials Overhead		
6	Stores Handling		25.75%
	Engineering Overheads:		
7	Capital O & H		14.22%
8	Crew Protection (police detail) - hourly cost		$58.25
	Transportation/Equipment Hourly Cost		
9	Transportation/Equipment - type 1	$	20.73
10	Transportation/Equipment - type 2	$	20.83
11	Transportation/Equipment - type 3	$	20.79
12	Transportation/Equipment - type 4	$	20.80
13	Transportation/Equipment - type 5	$	20.82
14	Transportation/Equipment - type 6	$	20.78
15	Transportation/Equipment - type 7	$	20.81

Line Descriptions:

1-4	Calendar Year 2011 average Monthly Allocation Percentages
5	Sum of Line 1 through 4
6	Calendar Year 2011 average Monthly Allocation Percentages
7	Calendar Year 2011 average Monthly Allocation Percentages
9-15	per January 2012 S.T.O.R.M. estimates

Materials Purchase Price as of January 2012

Material ID No.	Unit of Measure	Material Description		Unit Price
0801867	EA	LAMP, HID, METAL HALIDE, 400W, MOGUL SCREW BASE, CLEAR	lamp	$ 8.42
0810157	EA	LUMINAIRE, FLOODLIGHT, 400W, MH, 120V, REG BLST	luminaire	$ 122.36
0810946	EA	LUMINAIRE, POST TOP, 100W HPS, WILLIAMSBURG, REG BLST	luminaire	$ 594.04
0811027	EA	BRACKET FLOODLIGHT AL 30IN SINGLE	Bracket	$ 62.70
0811029	EA	BRACKET PENDANT UPSWEEP SINGLE AL 8FT	Bracket	$ 85.50
0811030	EA	BRACKET PENDANT UPSWEEP SINGLE AL 6FT	Bracket	$ 50.35
0811055	EA	CONTROL, PELEC, 120VAC, 1000W, GRAY, TWISTLOCK	control	$ 2.86
0811060	EA	LUMINAIRE, FLOODLIGHT, 250W, HPS, 120V, REG BLST	luminaire	$ 136.57
0811061	EA	LUMINAIRE, FLOODLIGHT, 400W, HPS, 120V, REG BLST	luminaire	$ 135.70
0811068	EA	LUMINAIRE, ROADWAY, MSC, IES II, HPS, NPF REA, 70W	luminaire	$ 52.81
0811069	EA	LUMINAIRE, ROADWAY, MSC, IES II, HPS, NPF REA, 100W	luminaire	$ 52.26
0811070	EA	LUMINAIRE, ROADWAY, MSC, IES II, GRAY, NPF REA, 150W	luminaire	$ 52.05
0811071	EA	LUMINAIRE, ROADWAY, MSC, IES III, HPS, AUGO, 250W	luminaire	$ 79.72
0811079	EA	LUMINAIRE, POST TOP, TRADITIONAL, 100W, HPS, REAC BLST	luminaire	$ 116.40
0811083	EA	LUMINAIRE, UNDERPASS, 250W, HPS, 120V	luminaire	$ 330.04
2507081	EA	LUMINAIRE, POST TOP, IES III, BLK, HPS, REG, 100W, ASPE	luminaire	$ 424.10
2507400	EA	LUMINIARE, ROADWAY, MSC, IES III 400W, HPS, AUTO REG	luminaire	$ 101.85
2508070	EA	LAMP, HPS, NON-CYCLING, 70W, CLEAR, MOGUL BASE	lamp	$ 6.30
2508100	EA	LAMP, HPS, NON-CYCLING, 100W, CLEAR, MOGUL BASE	lamp	$ 8.70
2508150	EA	LAMP, HPS, NON-CYCLING, 150W, CLEAR, MOGUL BASE	lamp	$ 9.45
2508250	EA	LAMP, HPS, NON-CYCLING, 250W, CLEAR, MOGUL BASE	lamp	$ 9.10
2508400	EA	LAMP, HPS, NON-CYCLING, 400W, CLEAR, MOGUL BASE	lamp	$ 6.75
3503013	EA	ROD, GROUND, SOLID, CU BONDED STL, 5/8IN X 8FT	rod	$ 9.9269
3503073	EA	CLAMP, GROUND, CONDUIT, NO 4 - 4/10, 1-1IN - 2IN IPS	clamp	$ 14.7800
3503328	EA	CLAMP, GROUND ROD, CU, FOR 5/8IN. DIA GROUND ROD	clamp	$ 1.16
4005142	FT	WIRE, GENERAL PURPOSE, CU, XHHW, 1C/NO. 10, WHITE, 500FT	wire	$ 0.22
5100003	EA	POLE, ST LT, FBRGL, 14FT, BLACK	pole	$ 237.00
5100004	EA	POLE, LT, FBRGL, AHR BASE, PENDANT, 25FT MOUNTING	pole	$ 781.77
5104882	EA	POLE, ST LT, 14FT LG, ALUM, BLACK, WASHINGTON STYLE	pole	$ 1,275.00
5105197	EA	CONNECTOR, ST LIGHT, #14 AWG TO #2 AWG, AL OR CU	connector	$ 13.69
5105198	EA	HOLDER, FUSE, ST LIGHT, #6- #2 AWG, COND	holder	$ 9.33
5105296	EA	ARM, TWIN, AL, 30 IN, POST TOP LUMINAIRE, BLACK	arm	$ 462.08
5106587	EA	POLE, LIGHT, FBRGL, 24FT, 5IN X 5IN SQ SFT	pole	$ 464.75
5821035	EA	FOUNDATION, LTG, 24IN X 24 IN X 5FT, 11 1/2IN BC, PRCST	foundation	$ 523.01
5821438	EA	LUMINAIRE, HORIZONTAL ROADWAY SEMI-CUTOFF II GRAY 1	luminaire	$ 52.85
5821461	EA	LUMINAIRE, POST TOP, SEMI-CUTOFF III, SEMI-GLOSS BLK,	luminaire	$ 115.12
5821834	EA	POLE, ST LT, ALUM, 35FT, PENDANT, ANCHOR BASE, PENDANT	pole	$ 853.48
5824615	EA	LAMP, HPS, NON-CYCLING, 50W, MOGUL SCREW BASE, CLEAR	lamp	$ 9.40
5963930	EA	CONNECTOR, VISE, 4 AWG SOLID OR 5 AWG, AL OR CU	lamp	$ 1.37
5970305	EA	POLE, PWR, DISTR, 30FT, CL5, SYP, PENTA FINISH	pole	$ 127.54
9201842	EA	POLE, DÉCOR. VILLAGER, ALUM, ANCHOR BASE W/ ATTACHED T-	pole	$ 665.00
9202342	EA	LUMINAIRE, POST TOP, ASPEN GROVE, 50W HPS, 120V, BLACK	luminaire	$ 473.00
9202343	EA	LUMINAIRE, POST TOP, WILLIAMSVILLE, 50W HPS, 120V, BLAC	luminaire	$ 599.00
9202613	FT	WIRE, 1/C, #6 AWG, 7-STRD, SD-CU, RHH/RHW/USE-2, GREEN	wire	$ 0.60
9202616	FT	WIRE, 1/C, #10 AWG, 7-STRD, SD-CU,RHH/RHW/USE-2, GREEN	wire	$ 0.345
9202617	FT	WIRE, 2/C, #10 AWG, 7-STRD, SD-CU, RHH/RHW/USE-2, BLK-W	wire	$ 1.15

source: S.T.O.R.M. estimates

The Narragansett Electric Company
Replacement Cost Study

Installed 4,000 Lumen (50W)
High Pressure Sodium Vapor Decorative Post Top
DEC HPS TR 50W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
5824615	Lamp, Hps, Non-Cycling, 50W, Mogul Screw Base, Clear	1	$9.40	$9.40
5821461	Luminaire, Post Top, Semi-Cutoff Iii, Semi-Gloss Blk,	1	$115.12	$115.12
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	25	$0.60	$14.88
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	21	$1.15	$24.04
	Total Materials			$166.30
Material Overheads				
	Stores Handling	$166.30	25.75%	$42.82
	Total Material Overheads			$42.82
	Total Materials and Material Overheads			$209.12
Labor & Labor Overhead				
	Labor (2-man crew)	2.25	$41.12	$92.52
	Labor Overhead	$92.52	151.59%	$140.25
	Transportation/Equipment - type 1	1.13	$20.73	$23.42
	Crew Protection	1.25	$58.25	$72.81
	Total Labor & Labor Overhead			$329.00
	Total Material & Labor			$538.12
	Capital O & H	$538.12	14.22%	$76.50
PLANT ADDITION				$614.62

The Narragansett Electric Company
Replacement Cost Study

Installed 9,600 Lumen (100W)
High Pressure Sodium Vapor Decorative Post Top
DEC HPS TR 100W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508100	Lamp, Hps, Non-Cycling, 100W, Clear, Mogul Base	1	$8.70	$8.70
0811079	Luminaire, Post Top, Traditional, 100W, Hps, Reac Blst	1	$116.40	$116.40
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	25	$0.60	$14.88
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	21	$1.15	$24.04
	Total Materials			$166.88
Material Overheads				
	Stores Handling	$166.88	25.75%	$42.97
	Total Material Overheads			$42.97
	Total Materials and Material Overheads			$209.85
Labor & Labor Overhead				
	Labor (2-man crew)	2.25	$41.12	$92.52
	Labor Overhead	$92.52	151.59%	$140.25
	Transportation/Equipment - type 1	1.13	$20.73	$23.42
	Crew Protection	1.25	$58.25	$72.81
	Total Labor & Labor Overhead			$329.00
	Total Material & Labor			$538.85
	Capital O & H	$538.85	14.22%	$76.61
PLANT ADDITION				$615.46

The Narragansett Electric Company
Replacement Cost Study

Installed 4,000 Lumen (50W)
High Pressure Sodium Vapor Decorative Post Top
DEC HPS AG 50W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
5824615	Lamp, Hps, Non-Cycling, 50W, Mogul Screw Base, Clear	1	$9.40	$9.40
9202342	Luminaire, Post Top, Aspen Grove, 50W Hps, 120V, Black	1	$473.00	$473.00
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	25	$0.60	$14.88
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	21	$1.15	$24.04
	Total Materials			$524.18
Material Overheads				
	Stores Handling	$524.18	25.75%	$134.98
	Total Material Overheads			$134.98
	Total Materials and Material Overheads			$659.16
Labor & Labor Overhead				
	Labor (2-man crew)	2.25	$41.12	$92.52
	Labor Overhead	$92.52	151.59%	$140.25
	Transportation/Equipment - type 1	1.13	$20.73	$23.42
	Crew Protection	1.25	$58.25	$72.81
	Total Labor & Labor Overhead			$329.00
	Total Material & Labor			$988.16
	Capital O & H	$988.16	14.22%	$140.48
PLANT ADDITION				$1,128.64

The Narragansett Electric Company
Replacement Cost Study

Installed 9,600 Lumen (100W)
High Pressure Sodium Vapor Decorative Post Top
DEC HPS AG 100W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508100	Lamp, Hps, Non-Cycling, 100W, Clear, Mogul Base	1	$8.70	$8.70
2507081	Luminaire, Post Top, Ies Iii, Blk, Hps, Reg, 100W, Aspe	1	$424.10	$424.10
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	25	$0.60	$14.88
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	21	$1.15	$24.04
	Total Materials			$474.58
Material Overheads				
	Stores Handling	$474.58	25.75%	$122.20
	Total Material Overheads			$122.20
	Total Materials and Material Overheads			$596.78
Labor & Labor Overhead				
	Labor (2-man crew)	2.25	$41.12	$92.52
	Labor Overhead	$92.52	151.59%	$140.25
	Transportation/Equipment - type 1	1.13	$20.73	$23.42
	Crew Protection	1.25	$58.25	$72.81
	Total Labor & Labor Overhead			$329.00
	Total Material & Labor			$925.78
	Capital O & H	$925.78	14.22%	$131.62
PLANT ADDITION				$1,057.40

The Narragansett Electric Company
Replacement Cost Study

Installed 4,000 Lumen (50W)
High Pressure Sodium Vapor Decorative Post Top
DEC HPS WL 50W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
5824615	Lamp, Hps, Non-Cycling, 50W, Mogul Screw Base, Clear	1	$9.40	$9.40
9202343	Luminaire, Post Top, Williamsville, 50W Hps, 120V, Blac	1	$599.00	$599.00
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	25	$0.60	$14.88
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	21	$1.15	$24.04
	Total Materials			$650.18
Material Overheads				
	Stores Handling	$650.18	25.75%	$167.42
	Total Material Overheads			$167.42
	Total Materials and Material Overheads			$817.60
Labor & Labor Overhead				
	Labor (2-man crew)	2.25	$41.12	$92.52
	Labor Overhead	$92.52	151.59%	$140.25
	Transportation/Equipment - type 1	1.13	$20.73	$23.42
	Crew Protection	1.25	$58.25	$72.81
	Total Labor & Labor Overhead			$329.00
	Total Material & Labor			$1,146.60
	Capital O & H	$1,146.60	14.22%	$163.01
PLANT ADDITION				$1,309.61

The Narragansett Electric Company
Replacement Cost Study

Installed 9,600 Lumen (100W)
High Pressure Sodium Vapor Decorative Post Top
DEC HPS WL 100W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508100	Lamp, Hps, Non-Cycling, 100W, Clear, Mogul Base	1	$8.70	$8.70
0810946	Luminaire, Post Top, 100W Hps, Williamsburg, Reg Blst	1	$594.04	$594.04
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	25	$0.60	$14.88
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	21	$1.15	$24.04
	Total Materials			$644.52
Material Overheads				
	Stores Handling	$644.52	25.75%	$165.96
	Total Material Overheads			$165.96
	Total Materials and Material Overheads			$810.48
Labor & Labor Overhead				
	Labor (2-man crew)	2.25	$41.12	$92.52
	Labor Overhead	$92.52	151.59%	$140.25
	Transportation/Equipment - type 1	1.13	$20.73	$23.42
	Crew Protection	1.25	$58.25	$72.81
	Total Labor & Labor Overhead			$329.00
	Total Material & Labor			$1,139.48
	Capital O & H	$1,139.48	14.22%	$162.00
PLANT ADDITION				$1,301.48

The Narragansett Electric Company
Replacement Cost Study

Installed 4,000 Lumen (50W)
High Pressure Sodium Vapor Decorative Post Top - Twin
DEC HPS TR-TW 50W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
5105296	Arm, Twin, Al, 30 In, Post Top Luminaire, Black	1	$462.08	$462.08
5105197	Connector, St Light, #14 Awg To #2 Awg, Al Or Cu	1	$13.69	$13.69
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	2	$2.86	$5.72
5105198	Holder, Fuse, St Light, #6- #2 Awg, Cond	1	$9.33	$9.33
5824615	Lamp, Hps, Non-Cycling, 50W, Mogul Screw Base, Clear	2	$9.40	$18.80
5821461	Luminaire, Post Top, Semi-Cutoff Iii, Semi-Gloss Blk,	2	$115.12	$230.24
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	32	$1.15	$36.69
	Total Materials			$776.55
Material Overheads				
	Stores Handling	$776.55	25.75%	$199.96
	Total Material Overheads			$199.96
	Total Materials and Material Overheads			$976.51
Labor & Labor Overhead				
	Labor (2-man crew)	4.50	$41.13	$185.10
	Labor Overhead	$185.10	151.59%	$280.59
	Transportation/Equipment - type 2	2.25	$20.83	$46.87
	Crew Protection	2.25	$58.25	$131.06
	Total Labor & Labor Overhead			$643.62
	Total Material & Labor			$1,620.13
	Capital O & H	$1,620.13	14.22%	$230.33
PLANT ADDITION				$1,850.46

The Narragansett Electric Company
Replacement Cost Study

Installed 9,600 Lumen (100W)
High Pressure Sodium Vapor Decorative Post Top - Twin
DEC HPS TR-TW 100W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
5105296	Arm, Twin, Al, 30 In, Post Top Luminaire, Black	1	$462.08	$462.08
5105197	Connector, St Light, #14 Awg To #2 Awg, Al Or Cu	1	$13.69	$13.69
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	2	$2.86	$5.72
5105198	Holder, Fuse, St Light, #6- #2 Awg, Cond	1	$9.33	$9.33
2508100	Lamp, Hps, Non-Cycling, 100W, Clear, Mogul Base	2	$8.70	$17.40
0811079	Luminaire, Post Top, Traditional, 100W, Hps, Reac Blst	2	$116.40	$232.80
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	32	$1.15	$36.69
	Total Materials			$777.71
Material Overheads				
	Stores Handling	$777.71	25.75%	$200.26
	Total Material Overheads			$200.26
	Total Materials and Material Overheads			$977.97
Labor & Labor Overhead				
	Labor (2-man crew)	4.50	$41.13	$185.10
	Labor Overhead	$185.10	151.59%	$280.59
	Transportation/Equipment - type 2	2.25	$20.83	$46.87
	Crew Protection	2.25	$58.25	$131.06
	Total Labor & Labor Overhead			$643.62
	Total Material & Labor			$1,621.59
	Capital O & H	$1,621.59	14.22%	$230.54
PLANT ADDITION				$1,852.13

The Narragansett Electric Company
Replacement Cost Study

Installed 4,000 Lumen (50W)
High Pressure Sodium Vapor Decorative Post Top - Twin
DEC HPS AG-TW 50W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
5105296	Arm, Twin, Al, 30 In, Post Top Luminaire, Black	1	$462.08	$462.08
5105197	Connector, St Light, #14 Awg To #2 Awg, Al Or Cu	1	$13.69	$13.69
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	2	$2.86	$5.72
5105198	Holder, Fuse, St Light, #6- #2 Awg, Cond	1	$9.33	$9.33
5824615	Lamp, Hps, Non-Cycling, 50W, Mogul Screw Base, Clear	2	$9.40	$18.80
9202342	Luminaire, Post Top, Aspen Grove, 50W Hps, 120V, Black	2	$473.00	$946.00
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	32	$1.15	$36.69
	Total Materials			$1,492.31
Material Overheads				
	Stores Handling	$1,492.31	25.75%	$384.27
	Total Material Overheads			$384.27
	Total Materials and Material Overheads			$1,876.58
Labor & Labor Overhead				
	Labor (2-man crew)	4.50	$41.13	$185.10
	Labor Overhead	$185.10	152%	$280.59
	Transportation/Equipment - type 2	2.25	$20.83	$46.87
	Crew Protection	2.25	$58.25	$131.06
	Total Labor & Labor Overhead			$643.62
	Total Material & Labor			$2,520.20
	Capital O & H	$2,520.20	14.22%	$358.29
PLANT ADDITION				$2,878.49

The Narragansett Electric Company
Replacement Cost Study

Installed 9,600 Lumen (100W)
High Pressure Sodium Vapor Decorative Post Top - Twin
DEC HPS AG-TW 100W

Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
5105296	Arm, Twin, Al, 30 In, Post Top Luminaire, Black	1	$462.08	$462.08
5105197	Connector, St Light, #14 Awg To #2 Awg, Al Or Cu	1	$13.69	$13.69
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	2	$2.86	$5.72
5105198	Holder, Fuse, St Light, #6- #2 Awg, Cond	1	$9.33	$9.33
2508100	Lamp, Hps, Non-Cycling, 100W, Clear, Mogul Base	2	$8.70	$17.40
2507081	Luminaire, Post Top, Ies Iii, Blk, Hps, Reg, 100W, Aspe	2	$424.10	$848.20
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	32	$1.15	$36.69
	Total Materials			$1,393.11
Material Overheads				
	Stores Handling	$1,393.11	25.75%	$358.73
	Total Material Overheads			$358.73
	Total Materials and Material Overheads			$1,751.84
Labor & Labor Overhead				
	Labor (2-man crew)	4.50	$41.13	$185.10
	Labor Overhead	$185.10	152%	$280.59
	Transportation/Equipment - type 2	2.25	$20.83	$46.87
	Crew Protection	2.25	$58.25	$131.06
	Total Labor & Labor Overhead			$643.62
	Total Material & Labor			$2,395.46
	Capital O & H	$2,395.46	14.22%	$340.55
PLANT ADDITION				$2,736.01

The Narragansett Electric Company
Replacement Cost Study

Installed 4,000 Lumen (50W)
High Pressure Sodium Vapor Decorative Post Top - Twin

DEC HPS WL-TW 50W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
5105296	Arm, Twin, Al, 30 In, Post Top Luminaire, Black	1	$462.08	$462.08
5105197	Connector, St Light, #14 Awg To #2 Awg, Al Or Cu	1	$13.69	$13.69
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	2	$2.86	$5.72
5105198	Holder, Fuse, St Light, #6- #2 Awg, Cond	1	$9.33	$9.33
5824615	Lamp, Hps, Non-Cycling, 50W, Mogul Screw Base, Clear	2	$9.40	$18.80
9202343	Luminaire, Post Top, Williamsville, 50W Hps, 120V, Blac	2	$599.00	$1,198.00
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	32	$1.15	$36.69
	Total Materials			$1,744.31
Material Overheads				
	Stores Handling	$1,744.31	25.75%	$449.16
	Total Material Overheads			$449.16
	Total Materials and Material Overheads			$2,193.47
Labor & Labor Overhead				
	Labor (2-man crew)	4.50	$41.13	$185.10
	Labor Overhead	$185.10	151.59%	$280.59
	Transportation/Equipment - type 2	2.25	$20.83	$46.87
	Crew Protection	2.25	$58.25	$131.06
	Total Labor & Labor Overhead			$643.62
	Total Material & Labor			$2,837.09
	Capital O & H	$2,837.09	14.22%	$403.34
PLANT ADDITION				$3,240.43

The Narragansett Electric Company
Replacement Cost Study

Installed 9,600 Lumen (100W)
High Pressure Sodium Vapor Decorative Post Top - Twin

DEC HPS WL0-TW 100W
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
5105296	Arm, Twin, Al, 30 In, Post Top Luminaire, Black	1	$462.08	$462.08
5105197	Connector, St Light, #14 Awg To #2 Awg, Al Or Cu	1	$13.69	$13.69
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	2	$2.86	$5.72
5105198	Holder, Fuse, St Light, #6- #2 Awg, Cond	1	$9.33	$9.33
2508100	Lamp, Hps, Non-Cycling, 100W, Clear, Mogul Base	2	$8.70	$17.40
0810946	Luminaire, Post Top, 100W Hps, Williamsburg, Reg Blst	2	$594.04	$1,188.08
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	32	$1.15	$36.69
	Total Materials			$1,732.99
Material Overheads				
	Stores Handling	$1,732.99	25.75%	$446.24
	Total Material Overheads			$446.24
	Total Materials and Material Overheads			$2,179.23
Labor & Labor Overhead				
	Labor (2-man crew)	4.50	$41.13	$185.10
	Labor Overhead	$185.10	151.59%	$280.59
	Transportation/Equipment - type 2	2.25	$20.83	$46.87
	Crew Protection	2.25	$58.25	$131.06
	Total Labor & Labor Overhead			$643.62
	Total Material & Labor			$2,822.85
	Capital O & H	$2,822.85	14.22%	$401.32
PLANT ADDITION				$3,224.17

The Narragansett Electric Company
Replacement Cost Study
Outdoor Lighting Overhead Poles and Underground Standards

Installed Standard
Underground Service Decorative Standard
DEC VILL PT/FDN
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
9201842	Pole, Décor. Villager, Alum, Anchor Base W/ Attached T-	1	$665.00	$665.00
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	21	$1.15	$24.04
3503328	Clamp, Ground Rod, Cu, For 5/8In. Dia Ground Rod	1	$1.16	$1.16
5821035	Foundation, Ltg, 24In X 24 In X 5Ft, 11 1/2In Bc, Prcst	1	$523.01	$523.01
3503013	Rod, Ground, Solid, Cu Bonded Stl, 5/8In X 8Ft	1	$9.93	$9.93
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	21	$1.15	$24.15
4005142	Wire, General Purpose, Cu, Xhhw, 1C/No. 10, White, 500Ft	18	$0.22	$3.90
9202616	Wire, 1/C, #10 Awg, 7-Strd, Sd-Cu,Rhh/Rhw/Use-2, Green	21	$0.35	$7.25
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	10	$0.60	$5.95
	Total Materials			$1,264.39
Material Overheads				
	Stores Handling	$1,264.39	25.75%	$325.58
	Total Material Overheads			$325.58
	Total Materials and Material Overheads			$1,589.97
Labor & Labor Overhead				
	Labor (2-man crew)	7.88	$41.09	$323.82
	Labor Overhead	$323.82	151.59%	$490.87
	Transportation/Equipment - type 7	3.94	$20.81	$81.99
	Crew Protection	4.00	$58.25	$233.00
	Total Labor & Labor Overhead			$1,129.68
	Total Material & Labor			$2,719.65
	Capital O & H	$2,719.65	14.22%	$386.64
PLANT ADDITION				$3,106.29

The Narragansett Electric Company
Replacement Cost Study
Outdoor Lighting Overhead Poles and Underground Standards

Installed Standard
Underground Service Decorative Standard
DEC WASH PT/FDN
Rate Class S-06

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
5104882	Pole, St Lt, 14Ft Lg, Alum, Black, Washington Style	1	$1,275.00	$1,275.00
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	20.9	$1.15	$24.04
3503328	Clamp, Ground Rod, Cu, For 5/8In. Dia Ground Rod		$1.16	$0.00
5821035	Foundation, Ltg, 24In X 24 In X 5Ft, 11 1/2In Bc, Prcst		$523.01	$0.00
3503013	Rod, Ground, Solid, Cu Bonded Stl, 5/8In X 8Ft		$9.93	$0.00
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W		$1.15	$0.00
4005142	Wire, General Purpose, Cu, Xhhw, 1C/No. 10, White, 500Ft		$0.22	$0.00
9202616	Wire, 1/C, #10 Awg, 7-Strd, Sd-Cu,Rhh/Rhw/Use-2, Green		$0.35	$0.00
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green		$0.60	$0.00
	Total Materials			$1,299.04
Material Overheads				
	Stores Handling	$1,299.04	25.75%	$334.50
	Total Material Overheads			$334.50
	Total Materials and Material Overheads			$1,633.54
Labor & Labor Overhead				
	Labor (2-man crew)	7.88	$41.09	$323.82
	Labor Overhead	$323.82	151.59%	$490.87
	Transportation/Equipment - type 7	3.94	$20.81	$81.99
	Crew Protection	4.00	$58.25	$233.00
	Total Labor & Labor Overhead			$1,129.68
	Total Material & Labor			$2,763.22
	Capital O & H	$2,763.22	14.22%	$392.84
PLANT ADDITION				$3,156.06

The Narragansett Electric Company

Replacement Cost Study

Installed 4,000 Lumen (50W)
High Pressure Sodium Vapor Roadway
LUM HPS RWY 50W
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
5824615	Lamp, Hps, Non-Cycling, 50W, Mogul Screw Base, Clear	1	$9.40	$9.40
5821438	Luminaire, Horizontal Roadway Semi-Cutoff Ii Gray 1	1	$52.85	$52.85
0811030	Bracket Pendant Upsweep Single Al 6Ft	1	$50.35	$50.35
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	18	$0.60	$11.00
	Total Materials			$126.46
Material Overheads				
	Stores Handling	$126.46	25.75%	$32.56
	Total Material Overheads			$32.56
	Total Materials and Material Overheads			$159.02
Labor & Labor Overhead				
	Labor (2-man crew)	1.50	$39.71	$59.57
	Labor Overhead	$59.57	151.59%	$90.30
	Transportation/Equipment - type 5	0.75	$20.82	$15.62
	Crew Protection	0.75	$58.25	$43.69
	Total Labor & Labor Overhead			$209.18
	Total Material & Labor			$368.20
	Capital O & H	$368.20	14.22%	$52.35
PLANT ADDITION				$420.55

The Narragansett Electric Company
Replacement Cost Study

Installed 6,300 Lumen (70W)
High Pressure Sodium Vapor Roadway
LUM HPS RWY 70W
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508070	Lamp, Hps, Non-Cycling, 70W, Clear, Mogul Base	1	$6.30	$6.30
0811068	Luminaire, Roadway, Msc, Ies Ii, Hps, Npf Rea, 70W	1	$52.81	$52.81
0811030	Bracket Pendant Upsweep Single Al 6Ft	1	$50.35	$50.35
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	18	$0.60	$11.00
	Total Materials			$123.32
Material Overheads				
	Stores Handling	$123.32	25.75%	$31.75
	Total Material Overheads			$31.75
	Total Materials and Material Overheads			$155.07
Labor & Labor Overhead				
	Labor (2-man crew)	1.50	$39.71	$59.57
	Labor Overhead	$59.57	151.59%	$90.30
	Transportation/Equipment - type 5	0.75	$20.82	$15.62
	Crew Protection	0.75	$58.25	$43.69
	Total Labor & Labor Overhead			$209.18
	Total Material & Labor			$364.25
	Capital O & H	$364.25	14.22%	$51.78
PLANT ADDITION				$416.03

The Narragansett Electric Company
Replacement Cost Study

Installed 9,600 Lumen (100W)
High Pressure Sodium Vapor Roadway
LUM HPS RWY 100W

Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508100	Lamp, Hps, Non-Cycling, 100W, Clear, Mogul Base	1	$8.70	$8.70
0811069	Luminaire, Roadway, Msc, Ies Ii, Hps, Npf Rea, 100W	1	$52.26	$52.26
0811030	Bracket Pendant Upsweep Single Al 6Ft	1	$50.35	$50.35
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	18	$0.60	$11.00
	Total Materials			$125.17
Material Overheads				
	Stores Handling	$125.17	25.75%	$32.23
	Total Material Overheads			$32.23
	Total Materials and Material Overheads			$157.40
Labor & Labor Overhead				
	Labor (2-man crew)	1.50	$39.71	$59.57
	Labor Overhead	$59.57	151.59%	$90.30
	Transportation/Equipment - type 5	0.75	$20.82	$15.62
	Crew Protection	0.75	$58.25	$43.69
	Total Labor & Labor Overhead			$209.18
	Total Material & Labor			$366.58
	Capital O & H	$366.58	14.22%	$52.12
PLANT ADDITION				$418.70

The Narragansett Electric Company
Replacement Cost Study

Installed 16,000 Lumen (150W)
High Pressure Sodium Vapor Roadway

LUM HPS RWY 150W
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508150	Lamp, Hps, Non-Cycling, 150W, Clear, Mogul Base	1	$9.45	$9.45
0811070	Luminaire, Roadway, Msc, Ies Ii, Gray, Npf Rea, 150W	1	$52.05	$52.05
0811030	Bracket Pendant Upsweep Single Al 6Ft	1	$50.35	$50.35
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	12	$0.60	$7.33
	Total Materials			$122.04
Material Overheads				
	Stores Handling	$122.04	25.75%	$31.43
	Total Material Overheads			$31.43
	Total Materials and Material Overheads			$153.47
Labor & Labor Overhead				
	Labor (2-man crew)	1.50	$39.71	$59.57
	Labor Overhead	$59.57	151.59%	$90.30
	Transportation/Equipment - type 5	0.75	$20.82	$15.62
	Crew Protection	0.75	$58.25	$43.69
	Total Labor & Labor Overhead			$209.18
	Total Material & Labor			$362.65
	Capital O & H	$362.65	14.22%	$51.56
PLANT ADDITION				$414.21

The Narragansett Electric Company
Replacement Cost Study

Installed 27,500 Lumen (250W)
High Pressure Sodium Vapor Roadway
LUM HPS RWY 250W
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508250	Lamp, Hps, Non-Cycling, 250W, Clear, Mogul Base	1	$9.10	$9.10
0811071	Luminaire, Roadway, Msc, Ies Iii, Hps, Augo, 250W	1	$79.72	$79.72
0811029	Bracket Pendant Upsweep Single Al 8Ft	1	$85.50	$85.50
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	18	$0.60	$11.00
	Total Materials			$188.18
Material Overheads				
	Stores Handling	$188.18	25.75%	$48.46
	Total Material Overheads			$48.46
	Total Materials and Material Overheads			$236.64
Labor & Labor Overhead				
	Labor (2-man crew)	1.50	$39.71	$59.57
	Labor Overhead	$59.57	151.59%	$90.30
	Transportation/Equipment - type 5	0.75	$20.82	$15.62
	Crew Protection	0.75	$58.25	$43.69
	Total Labor & Labor Overhead			$209.18
	Total Material & Labor			$445.82
	Capital O & H	$445.82	14.22%	$63.38
PLANT ADDITION				$509.20

The Narragansett Electric Company
Replacement Cost Study

Installed 50,000 Lumen (400W)
High Pressure Sodium Vapor Roadway
LUM HPS RWY 400W
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508400	Lamp, Hps, Non-Cycling, 400W, Clear, Mogul Base	1	$6.75	$6.75
2507400	Luminiare, Roadway, Msc, Ies Iii 400W, Hps, Auto Reg	1	$101.85	$101.85
0811029	Bracket Pendant Upsweep Single Al 8Ft	1	$85.50	$85.50
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	18	$0.60	$11.00
	Total Materials			$207.96
Material Overheads				
	Stores Handling	$207.96	25.75%	$53.55
	Total Material Overheads			$53.55
	Total Materials and Material Overheads			$261.51
Labor & Labor Overhead				
	Labor (2-man crew)	1.50	$39.71	$59.57
	Labor Overhead	$59.57	151.59%	$90.30
	Transportation/Equipment - type 5	0.75	$20.82	$15.62
	Crew Protection	0.75	$58.25	$43.69
	Total Labor & Labor Overhead			$209.18
	Total Material & Labor			$470.69
	Capital O & H	$470.69	14.22%	$66.92
PLANT ADDITION				$537.61

The Narragansett Electric Company
Replacement Cost Study

Installed 27,500 Lumen (250W)
High Pressure Sodium Vapor Wallighter
WALL HPS 250W 24 HR
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
2508250	Lamp, Hps, Non-Cycling, 250W, Clear, Mogul Base	1	$9.10	$9.10
0811083	Luminaire, Underpass, 250W, Hps, 120V	1	$330.04	$330.04
9202616	Wire, 1/C, #10 Awg, 7-Strd, Sd-Cu,Rhh/Rhw/Use-2, Green	48	$0.35	$16.42
	Total Materials			$355.56
Material Overheads				
	Stores Handling	$355.56	25.75%	$91.56
	Total Material Overheads			$91.56
	Total Materials and Material Overheads			$447.12
Labor & Labor Overhead				
	Labor (2-man crew)	2.25	$41.12	$92.52
	Labor Overhead	$92.52	151.59%	$140.25
	Transportation/Equipment - type 5	1.13	$20.73	$23.42
	Crew Protection	1.25	$58.25	$72.81
	Total Labor & Labor Overhead			$329.00
	Total Material & Labor			$776.12
	Capital O & H	$776.12	14.22%	$110.34
PLANT ADDITION				$886.46

The Narragansett Electric Company

Replacement Cost Study

Installed 27,500 Lumen (250W)
High Pressure Sodium Vapor Floodlight
LUM HPS FLD 250W
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508250	Lamp, Hps, Non-Cycling, 250W, Clear, Mogul Base	1	$9.10	$9.10
0811060	Luminaire, Floodlight, 250W, Hps, 120V, Reg Blst	1	$136.57	$136.57
0811027	Bracket Floodlight Al 30In Single	1	$62.70	$62.70
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	18	$0.60	$11.00
	Total Materials			$222.23
Material Overheads				
	Stores Handling	$222.23	25.75%	$57.22
	Total Material Overheads			$57.22
	Total Materials and Material Overheads			$279.45
Labor & Labor Overhead				
	Labor (2-man crew)	2.82	$39.71	$111.98
	Labor Overhead	$111.98	151.59%	$169.75
	Transportation/Equipment - type 5	1.41	$20.82	$29.36
	Crew Protection	1.50	$58.25	$87.38
	Total Labor & Labor Overhead			$398.47
	Total Material & Labor			$677.92
	Capital O & H	$677.92	14.22%	$96.38
PLANT ADDITION				$774.30

The Narragansett Electric Company
Replacement Cost Study

Installed 50,000 Lumen (400W)
High Pressure Sodium Vapor Floodlight
LUM HPS FLD 400W
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
2508400	Lamp, Hps, Non-Cycling, 400W, Clear, Mogul Base	1	$6.75	$6.75
0811061	Luminaire, Floodlight, 400W, Hps, 120V, Reg Blst	1	$135.70	$135.70
0811027	Bracket Floodlight Al 30In Single	1	$62.70	$62.70
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	18	$0.60	$11.00
	Total Materials			$219.01
Material Overheads				
	Stores Handling	$219.01	25.75%	$56.40
	Total Material Overheads			$56.40
	Total Materials and Material Overheads			$275.41
Labor & Labor Overhead				
	Labor (2-man crew)	2.82	$39.71	$111.98
	Labor Overhead	$111.98	151.59%	$169.75
	Transportation/Equipment - type 5	1.41	$20.82	$29.36
	Crew Protection	1.50	$58.25	$87.38
	Total Labor & Labor Overhead			$398.47
	Total Material & Labor			$673.88
	Capital O & H	$673.88	14.22%	$95.80
PLANT ADDITION				$769.68

The Narragansett Electric Company
Replacement Cost Study

Installed 32,000 Lumen (400W)
Metal Halide Floodlight
LUM MH FLD 400W
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
0811055	Control, Pelec, 120Vac, 1000W, Gray, Twistlock	1	$2.86	$2.86
0801867	Lamp, Hid, Metal Halide, 400W, Mogul Screw Base, Clear	1	$8.42	$8.42
0810157	Luminaire, Floodlight, 400W, Mh, 120V, Reg Blst	1	$122.36	$122.36
	Total Materials			$133.64
Material Overheads				
	Stores Handling	$133.64	25.75%	$34.41
	Total Material Overheads			$34.41
	Total Materials and Material Overheads			$168.05
Labor & Labor Overhead				
	Labor (2-man crew)	2.07	$39.71	$82.20
	Labor Overhead	$82.20	151.59%	$124.60
	Transportation/Equipment - type 5	1.04	$20.82	$21.65
	Crew Protection	1.25	$58.25	$72.81
	Total Labor & Labor Overhead			$301.26
	Total Material & Labor			$469.31
	Capital O & H	$469.31	14.22%	$66.72
PLANT ADDITION				$536.03

The Narragansett Electric Company
Replacement Cost Study
Outdoor Lighting Overhead Poles and Underground Standards

Installed Standard
Non-Distribution Pole Wood Pole
POLE-WOOD
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
5970305	Pole, Pwr, Distr, 30Ft, Cl5, Syp, Penta Finish	1	$127.54	$127.54
	Total Materials			$127.54
Material Overheads				
	Stores Handling	$127.54	25.75%	$32.84
	Total Material Overheads			$32.84
	Total Materials and Material Overheads			$160.38
Labor & Labor Overhead				
	Labor (2-man crew)	6.86	$38.80	$266.18
	Labor Overhead	$266.18	151.59%	$403.50
	Transportation/Equipment - type 4	3.43	$20.80	$71.34
	Crew Protection	3.50	$58.25	$203.88
	Total Labor & Labor Overhead			$944.90
	Total Material & Labor			$1,105.28
	Capital O & H	$1,105.28	14.22%	$157.13
PLANT ADDITION				$1,262.41

The Narragansett Electric Company
Replacement Cost Study
Outdoor Lighting Overhead Poles and Underground Standards

Installed Standard
Underground Service - Non-metallic standard Fiberglass with foundation <25'
POLE FIBER RWY <25'
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
3503328	Clamp, Ground Rod, Cu, For 5/8In. Dia Ground Rod	1	$1.16	$1.16
5821035	Foundation, Ltg, 24In X 24 In X 5Ft, 11 1/2In Bc, Prcst	1	$523.01	$523.01
5106587	Pole, Light, Fbrgl, 24Ft, 5In X 5In Sq Sft	1	$464.75	$464.75
3503013	Rod, Ground, Solid, Cu Bonded Stl, 5/8In X 8Ft	1	$9.93	$9.93
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	27.5	$1.15	$31.63
9202616	Wire, 1/C, #10 Awg, 7-Strd, Sd-Cu,Rhh/Rhw/Use-2, Green	27.5	$0.35	$9.49
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	10	$0.60	$5.95
3503073	Clamp, Ground, Conduit, No 4 - 4/10, 1-1In - 2In Ips	1	$14.78	$14.78
5963930	Connector, Vise, 4 Awg Solid Or 5 Awg, Al Or Cu	1	$1.37	$1.37
	Total Materials			$1,062.07
Material Overheads				
	Stores Handling	$1,062.07	25.75%	$273.48
	Total Material Overheads			$273.48
	Total Materials and Material Overheads			$1,335.55
Labor & Labor Overhead				
	Labor (2-man crew)	15.10	$41.12	$620.91
	Labor Overhead	$620.91	151.59%	$941.22
	Transportation/Equipment - type 6	7.55	$20.78	$156.89
	Crew Protection	7.75	$58.25	$451.44
	Total Labor & Labor Overhead			$2,170.46
	Total Material & Labor			$3,506.01
	Capital O & H	$3,506.01	14.22%	$498.44
PLANT ADDITION				$4,004.45

The Narragansett Electric Company
Replacement Cost Study
Outdoor Lighting Overhead Poles and Underground Standards

Installed Standard
Underground Service - Non-metallic standard Fiberglass with foundation =>25'
POLE FIBER RWY => 25'
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
3503328	Clamp, Ground Rod, Cu, For 5/8In. Dia Ground Rod	1	$1.16	$1.16
5821035	Foundation, Ltg, 24In X 24 In X 5Ft, 11 1/2In Bc, Prcst	1	$523.01	$523.01
5100004	Pole, Lt, Fbrgl, Ahr Base, Pendant, 25Ft Mounting	1	$781.77	$781.77
3503013	Rod, Ground, Solid, Cu Bonded Stl, 5/8In X 8Ft	1	$9.9269	$9.93
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	33	$1.15	$37.95
9202616	Wire, 1/C, #10 Awg, 7-Strd, Sd-Cu,Rhh/Rhw/Use-2, Green	33	$0.35	$11.39
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	10	$0.60	$5.95
3503073	Clamp, Ground, Conduit, No 4 - 4/10, 1-1In - 2In Ips	1	$14.78	$14.78
5963930	Connector, Vise, 4 Awg Solid Or 5 Awg, Al Or Cu	1	$1.37	$1.37
	Total Materials			$1,387.31
Material Overheads				
	Stores Handling	$1,387.31	25.75%	$357.23
	Total Material Overheads			$357.23
	Total Materials and Material Overheads			$1,744.54
Labor & Labor Overhead				
	Labor (2-man crew)	15.10	$41.09	$620.52
	Labor Overhead	$620.52	151.59%	$940.63
	Transportation/Equipment - type 7	7.55	$20.81	$157.12
	Crew Protection	7.75	$58.25	$451.44
	Total Labor & Labor Overhead			$2,169.71
	Total Material & Labor			$3,914.25
	Capital O & H	$3,914.25	14.22%	$556.48
PLANT ADDITION				$4,470.73

The Narragansett Electric Company
Replacement Cost Study
Outdoor Lighting Overhead Poles and Underground Standards

Installed Standard
Underground Service - Metallic Standard Metallic with Foundation
POLE METAL =>25'
Rate Class S-10, S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
3503328	Clamp, Ground Rod, Cu, For 5/8In. Dia Ground Rod	1	$1.16	$1.16
5821035	Foundation, Ltg, 24In X 24 In X 5Ft, 11 1/2In Bc, Prcst	1	$523.01	$523.01
5821834	Pole, St Lt, Alum, 35Ft, Pendant, Anchor Base, Pendant	1	$853.48	$853.48
3503013	Rod, Ground, Solid, Cu Bonded Stl, 5/8In X 8Ft	1	$9.93	$9.93
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	44	$1.15	$50.60
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	10	$0.60	$5.95
3503073	Clamp, Ground, Conduit, No 4 - 4/10, 1-1In - 2In Ips	1	$14.78	$14.78
5963930	Connector, Vise, 4 Awg Solid Or 5 Awg, Al Or Cu	1	$1.37	$1.37
	Total Materials			$1,460.28
Material Overheads				
	Stores Handling	$1,460.28	25.75%	$376.02
	Total Material Overheads			$376.02
	Total Materials and Material Overheads			$1,836.30
Labor & Labor Overhead				
	Labor (2-man crew)	15.10	$41.12	$620.91
	Labor Overhead	$620.91	151.59%	$941.22
	Transportation/Equipment - type 6	7.55	$20.78	$156.89
	Crew Protection	7.75	$58.25	$451.44
	Total Labor & Labor Overhead			$2,170.46
	Total Material & Labor			$4,006.76
	Capital O & H	$4,006.76	14.22%	$569.63
PLANT ADDITION				$4,576.39

The Narragansett Electric Company
Replacement Cost Study
Outdoor Lighting Overhead Poles and Underground Standards

Installed Standard
Underground Service - Non-metallic standard Fiberglass with foundation <25'
POLE FIBER PT <25'
Rate Class S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
3503328	Clamp, Ground Rod, Cu, For 5/8In. Dia Ground Rod	1	$1.16	$1.16
5821035	Foundation, Ltg, 24In X 24 In X 5Ft, 11 1/2In Bc, Prcst	1	$523.01	$523.01
5100003	Pole, St Lt, Fbrgl, 14Ft, Black	1	$237.00	$237.00
3503013	Rod, Ground, Solid, Cu Bonded Stl, 5/8In X 8Ft	1	$9.93	$9.93
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	21	$1.15	$24.04
4005142	Wire, General Purpose, Cu, Xhhw, 1C/No. 10, White, 500Ft	18	$0.22	$3.90
9202616	Wire, 1/C, #10 Awg, 7-Strd, Sd-Cu,Rhh/Rhw/Use-2, Green	21	$0.35	$7.21
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	10	$0.60	$5.95
	Total Materials			$812.20
Material Overheads				
	Stores Handling	$812.20	25.75%	$209.14
	Total Material Overheads			$209.14
	Total Materials and Material Overheads			$1,021.34
Labor & Labor Overhead				
	Labor (2-man crew)	7.88	$41.09	$323.82
	Labor Overhead	$323.82	151.59%	$490.87
	Transportation/Equipment - type 7	3.94	$20.81	$81.99
	Crew Protection	4.00	$58.25	$233.00
	Total Labor & Labor Overhead			$1,129.68
	Total Material & Labor			$2,151.02
	Capital O & H	$2,151.02	14.22%	$305.80
PLANT ADDITION				$2,456.82

The Narragansett Electric Company
Replacement Cost Study
Outdoor Lighting Overhead Poles and Underground Standards

Installed Standard
Underground Service - Metallic Standard Metallic Direct Embedded (no fndn)
POLE METAL EMBEDDED
Rate Class S-14

ID. No.	Description	Quantity	Unit Cost	Extended Cost
Materials				
3503328	Clamp, Ground Rod, Cu, For 5/8In. Dia Ground Rod	1	$1.16	$1.16
5821834	Pole, St Lt, Alum, 35Ft, Pendant, Anchor Base, Pendant	1	$853.48	$853.48
3503013	Rod, Ground, Solid, Cu Bonded Stl, 5/8In X 8Ft	1	$9.93	$9.93
9202617	Wire, 2/C, #10 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Blk-W	44	$1.15	$50.60
9202613	Wire, 1/C, #6 Awg, 7-Strd, Sd-Cu, Rhh/Rhw/Use-2, Green	10	$0.60	$5.95
3503073	Clamp, Ground, Conduit, No 4 - 4/10, 1-1In - 2In Ips	1	$14.78	$14.78
5963930	Connector, Vise, 4 Awg Solid Or 5 Awg, Al Or Cu	1	$1.37	$1.37
	Total Materials			$937.27
Material Overheads				
	Stores Handling	$937.27	25.75%	$241.35
	Total Material Overheads			$241.35
	Total Materials and Material Overheads			$1,178.62
Labor & Labor Overhead				
	Labor (2-man crew)	15.10	$41.12	$620.91
	Labor Overhead	$620.91	151.59%	$941.22
	Transportation/Equipment - type 6	7.55	$20.78	$156.89
	Crew Protection	7.75	$58.25	$451.44
	Total Labor & Labor Overhead			$2,170.46
	Total Material & Labor			$3,349.08
	Capital O & H	$3,349.08	14.22%	$476.13
PLANT ADDITION				$3,825.21

Workpaper JAL-6

Summary of Present and Proposed Rates for Bill Impacts

The Narragansett Electric Company
Adjustments to Charges for Illustrative Bill Impacts

Rate A-16 (Basic Residential)

Line No.		Present Rates @ 4/23/12 (a)	"Adjusted" Present Rate (b)	Illustrative Proposed Rate (c)
1	LIHEAP Enhancement Charge	$0.83	$0.83	$0.83
2				
3	Base Distribution Customer Charge	$3.75	$3.75	$5.00
4				
5	Base Distribution Energy (per kWh)	$0.03416	$0.03416	$0.03826
6				
7	Operating & Maintenance Expense Charge	$0.00159	$0.00159	$0.00159
8				
9	Long-term Contracting for Renewable Energy Charge	$0.00007	$0.00007	$0.00007
10				
11	2013 CapEx Factor Charge	$0.00056	$0.00056	$0.00000
12				
13	Base Transmission Charge and Adjustment Factor	$0.01924	$0.01924	$0.01924
14				
15	Transmission Uncollectible Factor	$0.00018	$0.00018	$0.00025
16				
17	Transition Charge	$0.00063	$0.00063	$0.00063
18				
19	Energy Efficiency Program Charge	$0.00622	$0.00622	$0.00630
20				
21	Proposed Storm Cost Recovery Factor	$0.00000	$0.00000	$0.00030
22				
23	Illustrative Revenue Decoupling Adjustment	$0.00000	($0.00077)	$0.00000
24				
25	Standard Offer Service Base Charge	$0.07492	$0.07492	$0.07492
26				
27	SOS Adjustment Factor	$0.00016	$0.00016	$0.00016
28				
29	SOS Adminstrative Cost Adjustment Factor	$0.00121	$0.00121	$0.00153
30				
31	Renewable Energy Standard Charge	$0.00253	$0.00253	$0.00253
32				
33				
34	Customer Charge		$3.75	$5.00
35	LIHEAP Charge		$0.83	$0.83
36	Transmission Energy Charge		$0.01942	$0.01949
37	Distribution Energy Charge		$0.03554	$0.04015
38	Transition Energy Charge		$0.00063	$0.00063
39	Energy Efficiency Program Charge		$0.00622	$0.00630
40	Renewable Energy Distribution Charge		$0.00007	$0.00007
41	Standard Offer Charge		$0.07882	$0.07914
42				
43				

44 Notes:
45 Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
46 Column (b): Column (a), except for Line (23)
47 Line (23): Page 12, Line (3)
48 Column (c):
49 Lines (1, 7, 9, 13, 17) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095
50 Lines (25, 27, 31) per Summary of Rates Standard Offer Service tariff
51 Line (3): Schedule JAL-3, Page 1, Line (3)
52 Line (5): Schedule JAL-3, Page 1, Line (8)
53 Line (11): Included in Line (5)
54 Line (15): Page 11, Line (10), Column (b)
55 Line (19): Column (b) x (1 + 1.35%, proposed uncollectible percentage), truncated to 5 decimal places
56 Line (21): Schedule JAL-5
57 Line (29): Page 8, Line (7), Column (b)
58
59 Line (34): Line (3)
60 Line (35): Line (1)
61 Line (36): Line (13) + Line (15)
62 Line (37): Line (5) + Line (7) + Line (11) + Line (21) + Line (23)
63 Line (38): Line (17)
64 Line (39): Line (19)
65 Line (40): Line (9)
66 Line (41): Line (25) + Line (27) + Line (29) + Line (31)

The Narragansett Electric Company
Adjustments to Charges for Illustrative Bill Impacts

Rate A-60 (Residential Low Income)

Line No.		Present Rates @ 4/23/12 (a)	"Adjusted" Present Rate (b)	Illustrative Proposed Rate (c)
1	LIHEAP Enhancement Charge	$0.83	$0.83	$0.83
2				
3	Base Distribution Customer Charge	$0.00	$0.00	$1.00
4				
5	Base Distribution Energy (per kWh)	$0.02048	$0.02048	$0.02218
6				
7	Operating & Maintenance Expense Charge	$0.00159	$0.00159	$0.00159
8				
9	Long-term Contracting for Renewable Energy Charge	$0.00007	$0.00007	$0.00007
10				
11	2013 CapEx Factor Charge	$0.00056	$0.00056	$0.00000
12				
13	Base Transmission Charge and Adjustment Factor	$0.01924	$0.01924	$0.01924
14				
15	Transmission Uncollectible Factor	$0.00018	$0.00018	$0.00025
16				
17	Transition Charge	$0.00063	$0.00063	$0.00063
18				
19	Energy Efficiency Program Charge	$0.00622	$0.00622	$0.00630
20				
21	Proposed Storm Cost Recovery Factor	$0.00000	$0.00000	$0.00030
22				
23	Illustrative Revenue Decoupling Adjustment	$0.00000	($0.00077)	$0.00000
24				
25	Standard Offer Service Base Charge	$0.07492	$0.07492	$0.07492
26				
27	SOS Adjustment Factor	$0.00016	$0.00016	$0.00016
28				
29	SOS Adminstrative Cost Adjustment Factor	$0.00121	$0.00121	$0.00153
30				
31	Renewable Energy Standard Charge	$0.00253	$0.00253	$0.00253
32				
33				
34	Customer Charge		$0.00	$1.00
35	LIHEAP Charge		$0.83	$0.83
36	Transmission Energy Charge		$0.01942	$0.01949
37	Distribution Energy Charge		$0.02186	$0.02407
38	Transition Energy Charge		$0.00063	$0.00063
39	Energy Efficiency Program Charge		$0.00622	$0.00630
40	Renewable Energy Distribution Charge		$0.00007	$0.00007
41	Standard Offer Charge		$0.07882	$0.07914
42				
43				

44 Notes:
45 Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
46 Column (b): Column (a), except for Line (23)
47 Line (23): Page 12, Line (3)
48 Column (c):
49 Lines (1, 7, 9, 13, 17) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095
50 Lines (25, 27, 31) per Summary of Rates Standard Offer Service tariff
51 Line (3): Schedule JAL-3, Page 1, Line (3)
52 Line (5): Schedule JAL-3, Page 1, Line (8)
53 Line (11): Included in Line (5)
54 Line (15): Page 11, Line (10), Column (b)
55 Line (19): Column (b) x (1 + 1.35%, proposed uncollectible percentage), truncated to 5 decimal places
56 Line (21): Schedule JAL-5
57 Line (29): Page 8, Line (7), Column (b)
58
59 Line (34): Line (3)
60 Line (35): Line (1)
61 Line (36): Line (13) + Line (15)
62 Line (37): Line (5) + Line (7) + Line (11) + Line (21) + Line (23)
63 Line (38): Line (17)
64 Line (39): Line (19)
65 Line (40): Line (9)
66 Line (41): Line (25) + Line (27) + Line (29) + Line (31)

The Narragansett Electric Company
Adjustments to Charges for Illustrative Bill Impacts

Rate C-06 (Small C&I)

Line No.		Present Rates @ 4/23/12 (a)	"Adjusted" Present Rate (b)	Illustrative Proposed Rate (c)
1	LIHEAP Enhancement Charge	$0.83	$0.83	$0.83
2				
3	Base Distribution Customer Charge	$8.00	$8.00	$10.00
4				
5	Base Distribution Energy (per kWh)	$0.03257	$0.03257	$0.03398
6				
7	Operating & Maintenance Expense Charge	$0.00166	$0.00166	$0.00166
8				
9	Long-term Contracting for Renewable Energy Charge	$0.00007	$0.00007	$0.00007
10				
11	2013 CapEx Factor Charge	$0.00053	$0.00053	$0.00000
12				
13	Base Transmission Charge and Adjustment Factor	$0.01821	$0.01821	$0.01821
14				
15	Transmission Uncollectible Factor	$0.00017	$0.00017	$0.00024
16				
17	Transition Charge	$0.00063	$0.00063	$0.00063
18				
19	Energy Efficiency Program Charge	$0.00622	$0.00622	$0.00630
20				
21	Proposed Storm Cost Recovery Factor	$0.00000	$0.00000	$0.00030
22				
23	Illustrative Revenue Decoupling Adjustment	$0.00000	($0.00077)	$0.00000
24				
25	Standard Offer Service Base Charge	$0.07257	$0.07257	$0.07257
26				
27	SOS Adjustment Factor	$0.00184	$0.00184	$0.00184
28				
29	SOS Adminstrative Cost Adjustment Factor	$0.00115	$0.00115	$0.00146
30				
31	Renewable Energy Standard Charge	$0.00253	$0.00253	$0.00253
32				
33				
34	Customer Charge		$8.00	$10.00
35	LIHEAP Charge		$0.83	$0.83
36	Transmission Energy Charge		$0.01838	$0.01845
37	Distribution Energy Charge		$0.03399	$0.03594
38	Transition Energy Charge		$0.00063	$0.00063
39	Energy Efficiency Program Charge		$0.00622	$0.00630
40	Renewable Energy Distribution Charge		$0.00007	$0.00007
41	Standard Offer Charge		$0.07809	$0.07840
42				
43				

44 Notes:
45 Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
46 Column (b): Column (a), except for Line (23)
47 Line (23): Page 12, Line (3)
48 Column (c):
49 Lines (1, 7, 9, 13, 17) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095
50 Lines (25, 27, 31) per Summary of Rates Standard Offer Service tariff
51 Line (3): Schedule JAL-3, Page 1, Line (3)
52 Line (5): Schedule JAL-3, Page 1, Line (8)
53 Line (11): Included in Line (5)
54 Line (15): Page 11, Line (10), Column (c)
55 Line (19): Column (b) x (1 + 1.35%, proposed uncollectible percentage), truncated to 5 decimal places
56 Line (21): Schedule JAL-5
57 Line (29): Page 8, Line (7), Column (c)
58
59 Line (34): Line (3)
60 Line (35): Line (1)
61 Line (36): Line (13) + Line (15)
62 Line (37): Line (5) + Line (7) + Line (11) + Line (21) + Line (23)
63 Line (38): Line (17)
64 Line (39): Line (19)
65 Line (40): Line (9)
66 Line (41): Line (25) + Line (27) + Line (29) + Line (31)

The Narragansett Electric Company
Adjustments to Charges for Illustrative Bill Impacts

Rate G-02 (General C&I)

Line No.		Present Rates @ 4/23/12 (a)	"Adjusted" Present Rate (b)	Illustrative Proposed Rate (c)
1	LIHEAP Enhancement Charge	$0.83	$0.83	$0.83
2				
3	Base Distribution Customer Charge	$125.00	$125.00	$135.00
4				
5	Base Distribution Energy (per kWh)	$0.00623	$0.00623	$0.00501
6				
7	Distribution kW Charge (per kW >10)	$4.63	$4.63	$5.50
8				
9	Operating & Maintenance Expense Charge	$0.00135	$0.00135	$0.00135
10				
11	Long-term Contracting for Renewable Energy Charge	$0.00007	$0.00007	$0.00007
12				
13	2013 CapEx Factors (per kW >10)	$0.15	$0.15	$0.00
14				
15	Transmission kW Charge	$2.70	$2.70	$2.70
16				
17	Base Transmission Charge and Adjustment Factor	$0.00820	$0.00820	$0.00820
18				
19	Transmission Uncollectible Factor	$0.00015	$0.00015	$0.00022
20				
21	Transition Charge	$0.00063	$0.00063	$0.00063
22				
23	Energy Efficiency Program Charge	$0.00622	$0.00622	$0.00630
24				
25	Proposed Storm Cost Recovery Factor	$0.00000	$0.00000	$0.00030
26				
27	Illustrative Revenue Decoupling Adjustment	$0.00000	($0.00077)	$0.00000
28				
29	Standard Offer Service Base Charge	$0.07257	$0.07257	$0.07257
30				
31	SOS Adjustment Factor	$0.00184	$0.00184	$0.00184
32				
33	SOS Adminstrative Cost Adjustment Factor	$0.00115	$0.00115	$0.00146
34				
35	Renewable Energy Standard Charge	$0.00253	$0.00253	$0.00253
36				
37				
38	Customer Charge		$125.00	$135.00
39	LIHEAP Charge		$0.83	$0.83
40	Transmission Demand Charge		$2.70	$2.70
41	Transmission Energy Charge		$0.00835	$0.00842
42	Distribution Demand Charge-xcs 10 kW		$4.78	$5.50
43	Distribution Energy Charge		$0.00681	$0.00666
44	Transition Energy Charge		$0.00063	$0.00063
45	Energy Efficiency Program Charge		$0.00622	$0.00630
46	Renewable Energy Distribution Charge		$0.00007	$0.00007
47	Standard Offer Charge		$0.07809	$0.07840
48				
49				

50 Notes:
51 Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
52 Column (b): Column (a), except for Line (27)
53 Line (27): Page 12, Line (3)
54 Column (c):
55 Lines (1, 9, 11, 15, 17, 21) per Summary of Retail Delivery Service Rates tariff, R.I.P.U.C. No. 2095
56 Lines (29, 31, 35) per Summary of Rates Standard Offer Service tariff
57 Line (3): Schedule JAL-3, Page 1, Line (3)
58 Line (5): Schedule JAL-3, Page 1, Line (8)
59 Line (7): Schedule JAL-3, Page 1, Line (12)
60 Line (13): Included in Line (7)
61 Line (19): Page 11, Line (10), Column (d)
62 Line (23): Column (b) x (1 + 1.35%, proposed uncollectible percentage), truncated to 5 decimal places
63 Line (25): Schedule JAL-5
64 Line (33): Page 8, Line (7), Column (c)
65
66 Line (38): Line (3)
67 Line (39): Line (1)
68 Line (40): Line (15)
69 Line (41): Line (17) + Line (19)
70 Line (42): Line (7) + Line (13)
71 Line (43): Line (5) + Line (9) + Line (25) + Line (27)
72 Line (44): Line (21)
73 Line (45): Line (23)
74 Line (46): Line (11)
75 Line (47): Line (29) + Line (31) + Line (33) + Line (35)

The Narragansett Electric Company
Adjustments to Charges for Illustrative Bill Impacts

Rate G-32 (Large Demand Rate)

Line No.		Present Rates @ 4/23/12 (a)	"Adjusted" Present Rate (b)	Illustrative Proposed Rate (c)
1	LIHEAP Enhancement Charge	$0.83	$0.83	$0.83
2				
3	Base Distribution Customer Charge	$750.00	$750.00	$825.00
4				
5	Base Distribution Energy (per kWh)	$0.00818	$0.00818	$0.00596
6				
7	Distribution kW Charge (per kW >200)	$2.15	$2.15	$3.75
8				
9	Operating & Maintenance Expense Charge	$0.00073	$0.00073	$0.00073
10				
11	Long-term Contracting for Renewable Energy Charge	$0.00007	$0.00007	$0.00007
12				
13	2013 CapEx Factors (per kW >200)	$0.14	$0.14	$0.00
14				
15	Transmission kW Charge	$2.92	$2.92	$2.92
16				
17	Base Transmission Charge and Adjustment Factor	$0.00633	$0.00633	$0.00633
18				
19	Transmission Uncollectible Factor	$0.00013	$0.00013	$0.00019
20				
21	Transition Charge	$0.00063	$0.00063	$0.00063
22				
23	Energy Efficiency Program Charge	$0.00622	$0.00622	$0.00630
24				
25	Proposed Storm Cost Recovery Factor	$0.00000	$0.00000	$0.00030
26				
27	Illustrative Revenue Decoupling Adjustment	$0.00000	($0.00077)	$0.00000
28				
29	Standard Offer Service Base Charge	$0.04598	$0.04598	$0.04598
30				
31	SOS Adjustment Factor	($0.00332)	($0.00332)	($0.00332)
32				
33	SOS Adminstrative Cost Adjustment Factor	$0.00100	$0.00100	$0.00127
34				
35	Renewable Energy Standard Charge	$0.00253	$0.00253	$0.00253
36				
37				
38	Customer Charge		$750.00	$825.00
39	LIHEAP Charge		$0.83	$0.83
40	Transmission Demand Charge		$2.92	$2.92
41	Transmission Energy Charge		$0.00646	$0.00652
42	Distribution Demand Charge - > 200 kW		$2.29	$3.75
43	Distribution Energy Charge		$0.00814	$0.00699
44	Transition Energy Charge		$0.00063	$0.00063
45	Energy Efficiency Program Charge		$0.00622	$0.00630
46	Renewable Energy Distribution Charge		$0.00007	$0.00007
47	Standard Offer Charge		$0.04619	$0.04646
48				
49				

50 Notes:
51 Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
52 Column (b): Column (a), except for Line (27)
53 Line (27): Page 12, Line (3)
54 Column (c):
55 Lines (1, 9, 11, 15, 17, 21) per Summary of Retail Delivery Service Rates tariff, R.I.P.U.C. No. 2095
56 Line (29): Average of April through June 2012 Standard Offer Service base charges
57 Lines (31, 35) per Summary of Rates Standard Offer Service tariff
58 Line (3): Schedule JAL-3, Page 1, Line (3)
59 Line (5): Schedule JAL-3, Page 1, Line (8)
60 Line (7): Schedule JAL-3, Page 1, Line (13)
61 Line (13): Included in Line (7)
62 Line (19): Page 11, Line (10), Column (e)
63 Line (23): Column (b) x (1 + 1.35%, proposed uncollectible percentage), truncated to 5 decimal places
64 Line (25): Schedule JAL-5
65 Line (33): Page 8, Line (7), Column (d)
66
67 Line (38): Line (3)
68 Line (39): Line (1)
69 Line (40): Line (15)
70 Line (41): Line (17) + Line (19)
71 Line (42): Line (7) + Line (13)
72 Line (43): Line (5) + Line (9) + Line (25) + Line (27)
73 Line (44): Line (21)
74 Line (45): Line (23)
75 Line (46): Line (11)
76 Line (47): Line (29) + Line (31) + Line (33) + Line (35)

The Narragansett Electric Company
Adjustments to Charges for Illustrative Bill Impacts

Rate G-62 (Optional Large Demand Rate)

Line No.		Present Rates @ 4/23/12 (a)	"Adjusted" Present Rate (b)	Illustrative Proposed Rate (c)
1	LIHEAP Enhancement Charge	$0.83	$0.83	$0.83
2				
3	Base Distribution Customer Charge	$17,000.00	$17,000.00	$17,000.00
4				
5	Base Distribution Energy (per kWh)	$0.00009	$0.00009	$0.00000
6				
7	Distribution kW Charge (per kW)	$2.57	$2.57	$3.64
8				
9	Operations & Maintenance Expense Charge (per kW)	$0.35	$0.35	$0.35
10				
11	Long-term Contracting for Renewable Energy Charge	$0.00007	$0.00007	$0.00007
12				
13	2013 CapEx Factors (per kW)	$0.11	$0.11	$0.00
14				
15	Transmission (per kW)	$2.92	$2.92	$2.92
16				
17	Base Transmission Charge and Adjustment Factor	$0.00633	$0.00633	$0.00633
18				
19	Transmission Uncollectible Factor	$0.00013	$0.00013	$0.00019
20				
21	Transition Charge	$0.00063	$0.00063	$0.00063
22				
23	Energy Efficiency Program Charge	$0.00622	$0.00622	$0.00630
24				
25	Proposed Storm Cost Recovery Factor	$0.00000	$0.00000	$0.00030
26				
27	Illustrative Revenue Decoupling Adjustment	$0.00000	($0.00077)	$0.00000
28				
29	Standard Offer Service Base Charge	$0.04598	$0.04598	$0.04598
30				
31	SOS Adjustment Factor	($0.00332)	($0.00332)	($0.00332)
32				
33	SOS Adminstrative Cost Adjustment Factor	$0.00100	$0.00100	$0.00127
34				
35	Renewable Energy Standard Charge	$0.00253	$0.00253	$0.00253
36				
37				
38	Customer Charge		$17,000.00	$17,000.00
39	LIHEAP Charge		$0.83	$0.83
40	Transmission Demand Charge		$2.92	$2.92
41	Transmission Energy Charge		$0.00646	$0.00652
42	Distribution Demand Charge		$3.03	$3.99
43	Distribution Energy Charge		($0.00068)	$0.00030
44	Transition Energy Charge		$0.00063	$0.00063
45	Energy Efficiency Program Charge		$0.00622	$0.00630
46	Renewable Energy Distribution Charge		$0.00007	$0.00007
47	Standard Offer Charge		$0.04619	$0.04646
48				
49				
50	Notes:			
51	Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096			
52	Column (b): Column (a), except for Line (27)			
53	Line (27): Page 12, Line (3)			
54	Column (c):			
55	Lines (1, 9, 11, 15, 17, 21) per Summary of Retail Delivery Service Rates tariff, R.I.P.U.C. No. 2095			
56	Line (29): Average of April through June 2012 Standard Offer Service base charges			
57	Lines (31, 35) per Summary of Rates Standard Offer Service tariff			
58	Line (3): Schedule JAL-3, Page 1, Line (3)			
59	Line (5): Schedule JAL-3, Page 1, Line (8)			
60	Line (7): Schedule JAL-3, Page 1, Line (14)			
61	Line (13): Included in Line (7)			
62	Line (19): Page 11, Line (10), Column (e)			
63	Line (23): Column (b) x (1 + 1.35%, proposed uncollectible percentage), truncated to 5 decimal places			
64	Line (25): Schedule JAL-5			
65	Line (33): Page 8, Line (7), Column (d)			
66				
67	Line (38): Line (3)			
68	Line (39): Line (1)			
69	Line (40): Line (15)			
70	Line (41): Line (17) + Line (19)			
71	Line (42): Line (7) + Line (9) + Line (13)			
72	Line (43): Line (5) + Line (25) + Line (27)			
73	Line (44): Line (21)			
74	Line (45): Line (23)			
75	Line (46): Line (11)			
76	Line (47): Line (29) + Line (31) + Line (33) + Line (35)			

The Narragansett Electric Company
Adjustments to Charges for Illustrative Bill Impacts

Rate S-06/S-10/S-14 (Street and Area Lighting)

Line No.		Present Rates @ 4/23/12 (a)	"Adjusted" Present Rate (b)	Illustrative Proposed Rate (c)
1	LIHEAP Enhancement Charge	$0.83	$0.83	$0.83
2				
3	Base Distribution Customer Charge	n/a	n/a	n/a
4				
5	Base Distribution Energy (per kWh)	($0.00429)	($0.00429)	$0.00000
6				
7	Operating & Maintenance Expense Charge	$0.01047	$0.01047	$0.01047
8				
9	Long-term Contracting Charge	$0.00007	$0.00007	$0.00007
10				
11	2013 CapEx Factor Charge	$0.00262	$0.00262	$0.00000
12				
13	Base Transmission Charge and Adjustment Factor	$0.01142	$0.01142	$0.01142
14				
15	Transmission Uncollectible Factor	$0.00010	$0.00010	$0.00024
16				
17	Transition Charge	$0.00063	$0.00063	$0.00063
18				
19	Energy Efficiency Program Charge	$0.00622	$0.00622	$0.00630
20				
21	Proposed Storm Cost Recovery Factor	$0.00000	$0.00000	$0.00030
22				
23	Illustrative Revenue Decoupling Adjustment	$0.00000	($0.00077)	$0.00000
24				
25	Standard Offer Service Base Charge	$0.07257	$0.07257	$0.07257
26				
27	SOS Adjustment Factor	$0.00184	$0.00184	$0.00184
28				
29	SOS Adminstrative Cost Adjustment Factor	$0.00115	$0.00115	$0.00146
30				
31	Renewable Energy Standard Charge	$0.00253	$0.00253	$0.00253
32				
33				
34	Volumetric Charge per kWh		$0.10456	$0.10783
35				
36				

37 Notes:
38 Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
39 Column (b): Column (a), except for Line (23)
40 Line (23): Page 12, Line (3)
41 Column (c):
42 Lines (1, 7, 9, 13, 17) per Summary of Retail Delivery Service Rates tariff
43 Lines (25, 27, 31) per Summary of Rates Standard Offer Service tariff
44 Line (3): n/a
45 Line (5): n/a
46 Line (11): n/a
47 Line (15): Page 11, Line (10), Column (b)
48 Line (19): Column (b) x (1 + 1.35%, proposed uncollectible percentage), truncated to 5 decimal places
49 Line (21): Schedule JAL-4
50 Line (29): Page 8, Line (7), Column (b)
51
52 Line (34): sum of Lines (5) through (31)

CALCULATION OF ILLUSTRATIVE STANDARD OFFER SERVICE ADMINISTRATIVE COST FACTOR

		Total (a)	Residential (b)	Commercial (c)	Industrial (d)
(1)	Estimated SOS Related Uncollectible Expense	$5,257,506	$3,209,939	$1,309,762	$737,805
(2)	Estimated Other Administrative Expense	$2,138,623	$1,303,498	$528,989	$306,136
(3)	Estimated Total Adminstrative Expense	$7,396,129	$4,513,437	$1,838,751	$1,043,941
(4)	Forecasted SOS kWh for the period ending March 31, 2013	5,196,647,519	3,070,022,296	1,291,869,782	834,755,441
(5)	Estimated SOS Administrative Cost Factor		$0.00147	$0.00142	$0.00125
(6)	SOS Administrative Cost Reconciliation Adjustment Factor		$0.00006	$0.00004	$0.00002
(7)	Adjusted SOS Administrative Cost Factor		$0.00153	$0.00146	$0.00127

Line Descriptions:
(1) from Page 9, line (16)
(2) from Page 10, line (4)
(3) Line (1) + Line (2)
(4) per Company forecast
(5) Line 3 ÷ Line 4, truncated to 5 decimal places
(6) per 2012 Electric Retail Rate Filing, Docket 4314, Schedule JAL-7, Page 1
(7) Line (5) + Line (6)

CALCULATION OF ILLUSTRATIVE STANDARD OFFER SERVICE ADMINISTRATIVE COST FACTOR

Section 1: Estimated Commodity Cost/Revenue for April 1, 2012 through March 31, 2013

		Residential Customer Group			Commercial Customer Group			Industrial Customer Group			Total Estimated
		Estimated SO kWhs (a)	Estimated SO Rate (b)	Estimated SO Cost/Rev (c)=(a) x (b)	Estimated SO kWhs (d)	Estimated SO Rate (e)	Estimated SO Cost/Rev (f)=(d) x (e)	Estimated SO kWhs (g)	Estimated SO Rate (h)	Estimated SO Cost/Rev (i)=(g) x (h)	SO Cost/Revenue (j)= (c) + (f) + (i)
(1)	Apr-2012	230,987,653	$0.07745	$17,889,994	100,443,065	$0.07510	$7,543,274	60,311,316	$0.05020	$3,027,628	$28,460,896
(2)	May-2012	212,501,018	$0.07745	$16,458,204	95,731,038	$0.07510	$7,189,401	70,201,679	$0.04962	$3,483,407	$27,131,012
(3)	Jun-2012	216,267,264	$0.07745	$16,749,900	103,017,161	$0.07510	$7,736,589	66,254,937	$0.04573	$3,029,838	$27,516,327
(4)	Jul-2012	316,331,270	$0.07745	$24,499,857	120,424,596	$0.07510	$9,043,887	72,242,268	$0.06589	$4,760,043	$38,303,787
(5)	Aug-2012	314,365,314	$0.07745	$24,347,594	126,354,236	$0.07510	$9,489,203	75,467,449	$0.06757	$5,099,336	$38,936,132
(6)	Sep-2012	284,555,853	$0.07745	$22,038,851	120,541,452	$0.07510	$9,052,663	76,325,781	$0.06812	$5,199,312	$36,290,826
(7)	Oct-2012	222,325,637	$0.07745	$17,219,121	102,757,803	$0.07510	$7,717,111	68,087,571	$0.06182	$4,209,174	$29,145,405
(8)	Nov-2012	221,336,027	$0.07745	$17,142,475	96,180,009	$0.07510	$7,223,119	66,462,733	$0.06467	$4,298,145	$28,663,739
(9)	Dec-2012	242,511,482	$0.07745	$18,782,514	101,869,825	$0.07510	$7,650,424	67,358,031	$0.07697	$5,184,548	$31,617,486
(10)	Jan-2013	308,433,253	$0.07745	$23,888,155	113,407,888	$0.07510	$8,516,932	71,048,939	$0.08667	$6,157,812	$38,562,899
(11)	Feb-2013	255,732,696	$0.07745	$19,806,497	106,613,144	$0.07510	$8,006,647	71,216,441	$0.08053	$5,735,060	$33,548,204
(12)	Mar-2013	244,674,828	$0.07745	$18,950,065	104,529,565	$0.07510	$7,850,170	69,778,295	$0.06403	$4,467,904	$31,268,140
(13)	Total	3,070,022,296		$237,773,227	1,291,869,782		$97,019,421	834,755,441		$54,652,206	$389,444,854

Section 2: Estimated Commodity-Related Uncollectible Expense for April 1, 2012 through March 31, 2013

(14)	Estimated Rate Year Cost/Revenue	$237,773,227	$97,019,421	$54,652,206	$389,444,854
(15)	Uncollectible Rate	1.35%	1.35%	1.35%	
(16)	Rate Year Commodity-Related Uncollectible	$3,209,939	$1,309,762	$737,805	$5,257,506

Section 1:
Columns (a), (d) and (g), Lines (1) through (12) = Company kWh forecast x percentage of January 2012 Standard Offer kWh deliveries
Column (b): April 1, 2012 effective Standard Offer rate including 2012 RES of 0.253¢
Column (e): April 1, 2012 effective Standard Offer rate including 2012 RES of 0.253¢
Column (h): Jul 2011 through Dec 2011 actual SOS base charge, April 2012 through Jun 2012 estimated SOS base charge; includes estimated 2012 RES of 0.253¢

Section 2:
(14) Line (13)
(15) Schedule EMK-1, Page 1
(16) Line (14) x Line (15)

CALCULATION OF ILLUSTRATIVE STANDARD OFFER SERVICE ADMINISTRATIVE COST FACTOR

		Total	Residential	Commercial	Industrial
(1)	Estimated GIS Cost	$49,787	$30,451	$12,596	$6,740
(2)	Estimated CWC	$1,989,624	$1,217,055	$490,159	$282,411
(3)	Estimate of Other Administrative Costs	$99,211	$55,992	$26,233.96	$16,985.40
(4)	Total Other Administrative Expenses	$2,138,623	$1,303,498	$528,989	$306,136

Line Descriptions:

(1) Estimate based on actual costs incurred during 2011. See 2012 Electric Retail Rate Filing, Docket 4314, Schedule JAL-5 Page 3, total column (f) plus Page 7, total column (f) plus Page 11, total column (f)

(2) Estimate based on actual costs incurred during 2011. See 2012 Electric Retail Rate Filing, Docket 4314, Schedule JAL-5 Page 3, total column (g) plus Page 7, total column (g) plus Page 11, total column (g)

(3) Estimate based on actual costs incurred during 2011. See 2012 Electric Rate Filing, Docket 4314, Schedule JAL-5 Page 3, total column (h) plus Page 7, total column (h) plus Page 11, total column (h)

(4) Line (1) + Line (2) + Line (3)

Calculation of Illustrative Transmission Uncollectible Factor

Line		Total (a)	A-16/A-60 (b)	C-06 (c)	G-02 (d)	B-32/ G-32/ B-62/ G-62/ X-01 (e)	S-10/ S-14 (f)
(1)	Estimated 2012 Base Transmission Revenue	$135,542,227	$60,584,594	$10,879,683	$22,599,633	$40,639,418	$838,899
(2)	Transmission Service Over Collection Incurred Jan 2011 - Dec 2011	($2,041,217)					
(3)	Transmission Uncollectible Under Collection Balance as of Dec 2011	$78,675					
(4)	Forecasted kWh for the period April 1, 2012 through March 31, 2013	7,844,725,884	3,105,782,394	588,802,811	1,314,771,168	2,763,605,709	71,763,802
(5)	Forecasted kWh Allocator - %	100.00%	39.59%	7.51%	16.76%	35.23%	0.91%
(6)	Allocated Net Over Collection Incurred Jan 2011 - Dec 2011	($1,962,543)	($776,984)	($147,303)	($328,921)	($691,381)	($17,953)
(7)	Total 2012 Estimated Transmission Revenue	$133,579,684	$59,807,609	$10,732,380	$22,270,712	$39,948,037	$820,946
(8)	Proposed Ucollectibles Rate	1.35%					
(9)	Estimated 2012 Transmission-related Uncollectibles Expense	$1,803,326	$807,403	$144,887	$300,655	$539,298	$11,083
(10)	Adjusted Transmission Uncollectible Factor per kWh		$0.00025	$0.00024	$0.00022	$0.00019	$0.00015

Line Descriptions:

(1) from 2012 Electric Retail Rate Filing, Docket 4314, Schedule JAL-10, page 1, line 4
(2) from 2012 Electric Retail Rate Filing, Docket 4314, Schedule JAL-11, Page 1
(3) per 2012 Electric Retail Rate Filing, Docket 4314, Schedule JAL-14, Page 1
(4) per Company forecast
(5) Line (4) x Line (4) total
(6) Line (5) x (Line (2) total + Line (3) total)
(7) Line (1) + Line (6)
(8) Schedule EMK-1, Page 1
(9) Line (7) x Line (8)
(10) Line (9) ÷ Line (4), truncated to five decimal places

The Narragansett Electric Company
Calculation of Illustrative Rate Year Revenue Decoupling Adjustment for Bill Impacts

(1)	Estimated RDM Adjustment - Rate Year	($6,018,564)
(2)	Forecast kWh Sales, February 2012 - January 2013	7,852,421,314
(3)	Estimated RDM Adjustment Factor per kWh, February 2012 - January 2015	($0.00077)

(1) Schedule JAL-2, page 2
(2) Per Company Forecast
(3) Line (2) ÷ Line (3)

S:\RADATA1\2012 neco\General Rate Case\Electric\Pricing\Final Filing 04-27-2012\Final Workpapers\[Workpaper JAL-6.xls]RDM

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WORKPAPERS

GAS ACCOUNTING COST OF SERVICE STUDY

National Grid - Rhode Island
Design Day Demand, Therms

PERCENT UNACCT-SYSTEM 3.21%

	DESIGN DAY DEMAND, Therms				ADJUSTED FOR LOSSES		
	Customer Class	Total Design Day Demand	Total Design Day Base Demand	Total Design Day Remaining Dem	Total Design Day Demand	Total Design Day Base Demand	Total Design Day Remaining Dem
1	Res Non-Htg R 10 & 80	36,874	7,864	29,010	38,097	8,125	29,972
2	Res Non-Htg R 11	1,530	183	1,347	1,581	189	1,392
3	Residential Heat Rate 12	1,627,153	112,674	1,514,479	1,681,117	116,410	1,564,706
4	Residential Heat Rate 13	176,232	16,535	159,697	182,077	17,083	164,994
5	C&I Sales Small R 21	276,813	17,758	259,056	285,994	18,346	267,647
6	C&I Sales Medium Rate 22	306,986	28,380	278,606	317,167	29,321	287,846
7	C&I Trans Medium Rate 22 FT1	61,087	8,585	52,503	63,113	8,869	54,244
8	C&I Trans Medium Rate 22 FT2	118,852	11,568	107,285	122,794	11,951	110,843
9	C&I Sales Lrg LLF Rate 33	83,598	2,581	81,017	86,371	2,667	83,704
10	C&I Trans Lrg LLF Rate 33 FT1	103,898	4,938	98,960	107,344	5,102	102,242
11	C&I Trans Lrg LLF Rate 33 FT2	97,326	5,309	92,017	100,554	5,486	95,069
12	C&I Sales Lrg HLF Rate 23	18,392	4,303	14,089	19,002	4,446	14,556
13	C&I Trans Lrg HLF Rate 23 FT1	34,069	12,075	21,994	35,199	12,476	22,723
14	C&I Trans Lrg HLF Rate 23 FT2	18,087	6,683	11,404	18,687	6,905	11,782
15	C&I Sales XLrg LLF R 34	4,147	274	3,873	4,284	283	4,002
16	C&I Trans XLrg LLF R 34 FT1	69,266	3,784	65,482	71,564	3,910	67,654
17	C&I Trans XLrg LLF R 34 FT2	10,000	719	9,280	10,331	743	9,588
18	C&I Sales XLrg HLF R 24	14,777	4,071	10,706	15,267	4,206	11,061
19	C&I Trans XLrg HLF R 24 FT1	172,847	95,007	77,840	178,580	98,158	80,422
20	C&I Trans XLrg HLF R 24 FT2	10,185	4,739	5,446	10,523	4,896	5,627
21	Special Contract	28,427	4,543	23,884	29,370	4,694	24,676
22	Non-Firm Transport	70,082	31,332	38,750	72,406	32,371	40,035
23	Interruptible	19,357	4,566	14,792	19,999	4,717	15,282
24	New Customer	0	0	0	0	0	0
25	New Customer	0	0	0	0	0	0
26	New Customer	0	0	0	0	0	0
27	New Customer	0	0	0	0	0	0
28	New Customer	0	0	0	0	0	0
29	Total	3,359,987	388,470	2,971,517	3,471,419	401,353	3,070,066
30	Total Sales	2,546,502	194,622	2,351,881	2,630,956	201,076	2,429,880
31	Total Transportation	695,618	153,408	542,210	718,688	158,496	560,193
32	Total Special Contract	28,427	4,543	23,884	29,370	4,694	24,676
	Total Non Firm Transport	70,082	31,332	38,750	72,406	32,371	40,035
33	Total Interruptible	19,357	4,566	14,792	19,999	4,717	15,282
34		-	-	-	-	-	-
35							
36							
37							
38							

National Grid - Rhode Island
Computation of Design Day Demand, Therms

DEVELOPMENT OF DESIGN DAY DEMAND, Therms

BILLING SALES THERMS

	Customer Class	November 11 2013	December 12 2013	January 1 2014	February 2 2013	March 3 2013	April 4 2013	May 5 2013	June 6 2013	July 7 2013	August 8 2013	September 9 2013	October 10 2013
		30	31	31	28	31	30	31	30	31	31	30	31
1	Res Non-Htg R 10 & 80	372,320	548,319	706,434	698,793	666,711	551,517	391,822	305,852	264,342	223,234	239,625	273,644
2	Res Non-Htg R 11	11,406	19,865	23,090	27,551	27,587	20,652	14,770	7,459	6,296	5,057	5,382	6,322
3	Residential Heat Rate 12	9,385,705	18,183,639	26,308,887	27,993,250	24,984,790	17,019,310	9,188,110	5,126,590	3,752,736	3,233,024	3,354,025	4,182,720
4	Residential Heat Rate 13	1,179,049	2,137,567	2,729,113	2,995,585	2,950,886	2,138,687	1,265,225	793,168	575,220	449,927	475,435	562,341
5	C&I Sales Small R 21	1,297,481	2,776,179	5,318,476	4,080,082	4,361,799	2,669,096	1,376,357	723,923	627,547	473,421	449,930	622,672
6	C&I Sales Medium Rate 22	2,168,134	3,125,141	5,285,779	5,359,425	5,105,057	3,411,935	2,116,627	1,324,710	1,042,769	716,779	877,989	1,113,077
7	C&I Trans Medium Rate 22 FT1	740,051	985,514	1,135,146	1,128,331	862,570	676,179	475,993	404,028	259,327	272,922	359,303	508,483
8	C&I Trans Medium Rate 22 FT2	905,676	1,589,512	1,935,088	1,999,954	1,987,195	1,377,332	888,467	633,471	350,252	366,933	383,965	576,902
9	C&I Sales Lrg LLF Rate 33	444,190	783,526	1,323,357	1,258,271	1,341,662	1,138,971	289,049	209,761	102,247	57,794	117,920	175,790
10	C&I Trans Lrg LLF Rate 33 FT1	947,543	1,490,092	1,696,821	1,715,131	1,323,911	783,923	433,083	161,930	145,771	160,384	207,864	462,585
11	C&I Trans Lrg LLF Rate 33 FT2	633,780	1,195,663	1,344,941	1,596,090	1,594,941	1,147,600	561,854	275,210	221,263	107,926	155,569	292,392
12	C&I Sales Lrg HLF Rate 23	208,006	235,838	371,766	343,430	357,647	276,144	225,114	149,157	139,633	127,159	161,422	151,552
13	C&I Trans Lrg HLF Rate 23 FT1	515,966	632,551	732,734	715,276	670,676	551,027	524,926	461,776	358,055	390,603	446,029	462,366
14	C&I Trans Lrg HLF Rate 23 FT2	250,513	334,862	333,805	324,359	353,300	298,647	228,641	201,743	240,212	174,144	182,860	197,062
15	C&I Sales XLrg LLF R 34	31,409	37,667	51,416	50,876	63,642	41,968	30,955	26,095	12,319	4,641	4,975	30,028
16	C&I Trans XLrg LLF R 34 FT1	805,750	1,250,185	939,576	1,147,633	871,585	612,085	387,312	147,971	109,128	125,501	161,366	334,926
17	C&I Trans XLrg LLF R 34 FT2	64,457	153,220	124,385	180,219	158,331	126,310	75,333	28,126	27,271	17,336	25,156	56,372
18	C&I Sales XLrg HLF R 24	121,276	203,491	278,214	198,055	179,286	149,945	106,633	139,041	136,982	115,408	115,499	94,031
19	C&I Trans XLrg HLF R 24 FT1	3,299,183	3,735,290	4,300,318	3,905,919	3,645,515	3,306,395	2,800,646	3,182,246	2,835,704	3,054,737	2,975,668	3,001,226
20	C&I Trans XLrg HLF R 24 FT2	166,734	230,989	206,367	220,936	196,617	190,670	188,028	176,304	140,496	153,322	154,751	147,831
21	Special Contract	546,989	479,398	227,553	289,118	505,738	444,243	107,909	152,649	135,449	146,207	163,983	141,489
22	Non-Firm Transport	1,967,614	1,642,530	971,284	1,168,500	1,936,654	1,601,502	1,255,658	1,235,498	1,147,056	1,219,518	1,366,048	1,467,427
23	Interruptible	176,979	85,696	141,532	323,899	43,819	38,264	63,444	213,542	534,901	92,508	236,748	205,453
24	New Customer	0	0	0	0	0	0	0	0	0	0	0	0
25	New Customer	0	0	0	0	0	0	0	0	0	0	0	0
26	New Customer	0	0	0	0	0	0	0	0	0	0	0	0
27	New Customer	0	0	0	0	0	0	0	0	0	0	0	0
28	New Customer	0	0	0	0	0	0	0	0	0	0	0	0
29	Total	26,240,211	41,856,733	56,486,083	57,720,682	54,189,920	38,572,400	22,995,956	16,080,251	13,164,976	11,688,485	12,621,511	15,066,693
30	Total Sales	15,218,975	28,051,232	42,396,531	43,005,319	40,039,067	27,418,223	15,004,664	8,805,757	6,660,090	5,406,445	5,802,202	7,212,177
31	Total Transportation	8,329,654	11,597,878	12,749,182	12,933,846	11,664,642	9,070,168	6,564,281	5,672,805	4,687,479	4,823,808	5,052,531	6,040,147
32	Total Special Contract	546,989	479,398	227,553	289,118	505,738	444,243	107,909	152,649	135,449	146,207	163,983	141,489
	Total Non Firm Transportation	1,967,614	1,642,530	971,284	1,168,500	1,936,654	1,601,502	1,255,658	1,235,498	1,147,056	1,219,518	1,366,048	1,467,427
33	Total Interruptible	176,979	85,696	141,532	323,899	43,819	38,264	63,444	213,542	534,901	92,508	236,748	205,453
34		-	-	-	-	-	-	-	-	-	-	-	-
35	check	23,548,629	39,649,110	55,145,714	55,939,165	51,703,709	36,488,391	21,568,945	14,478,563	11,347,569	10,230,253	10,854,733	13,252,324
36		2,691,582	2,207,624	1,340,369	1,781,517	2,486,211	2,084,009	1,427,011	1,601,688	1,817,407	1,458,232	1,766,778	1,814,369
37		2,691,582	2,207,624	1,340,369	1,781,517	2,486,211	2,084,009	1,427,011	1,601,688	1,817,407	1,458,232	1,766,778	1,814,369
38													
39													

National Grid - Rhode Island
Computation of Design Day D

DEVELOPMENT OF DESIGN DAY
DEMAND, Therms

	Customer Class	Annual Usage	6 Month Winter	6 Month Summer	6 mo. Wtr % of Annual
			Consumption Summaries		
		365			
1	Res Non-Htg R 10 & 80	5,242,613	3,544,094	1,698,520	67.60%
2	Res Non-Htg R 11	175,436	130,150	45,286	74.19%
3	Residential Heat Rate 12	152,712,786	123,875,580	28,837,206	81.12%
4	Residential Heat Rate 13	18,252,203	14,130,887	4,121,316	77.42%
5	C&I Sales Small R 21	24,776,962	20,503,114	4,273,848	82.75%
6	C&I Sales Medium Rate 22	31,647,423	24,455,471	7,191,952	77.27%
7	C&I Trans Medium Rate 22 FT1	7,807,848	5,527,791	2,280,056	70.80%
8	C&I Trans Medium Rate 22 FT2	12,994,748	9,794,758	3,199,990	
9	C&I Sales Lrg LLF Rate 33	7,242,539	6,289,977	952,562	86.85%
10	C&I Trans Lrg LLF Rate 33 FT1	9,529,039	7,957,422	1,571,616	83.51%
11	C&I Trans Lrg LLF Rate 33 FT2	9,127,229	7,513,015	1,614,214	
12	C&I Sales Lrg HLF Rate 23	2,746,868	1,792,830	954,038	65.27%
13	C&I Trans Lrg HLF Rate 23 FT1	6,461,986	3,818,231	2,643,755	59.09%
14	C&I Trans Lrg HLF Rate 23 FT2	3,120,146	1,895,485	1,224,661	
15	C&I Sales XLrg LLF R 34	385,991	276,978	109,013	71.76%
16	C&I Trans XLrg LLF R 34 FT1	6,893,020	5,626,815	1,266,205	81.63%
17	C&I Trans XLrg LLF R 34 FT2	1,036,515	806,921	229,594	
18	C&I Sales XLrg HLF R 24	1,837,861	1,130,267	707,594	61.50%
19	C&I Trans XLrg HLF R 24 FT1	40,042,847	22,192,620	17,850,227	55.42%
20	C&I Trans XLrg HLF R 24 FT2	2,173,045	1,212,313	960,732	
21	Special Contract	3,340,724	2,493,039	847,685	74.63%
22	Non-Firm Transport	16,979,288	9,288,083	7,691,205	54.70%
23	Interruptible	2,156,784	810,189	1,346,595	37.56%
24	New Customer	0	0	0	0.00%
25	New Customer	0	0	0	0.00%
26	New Customer	0	0	0	0.00%
27	New Customer	0	0	0	0.00%
28	New Customer	0	0	0	0.00%
29	Total	366,683,900	275,066,029	91,617,871	75.01%
30	Total Sales	245,020,682	196,129,347	48,891,335	80.05%
31	Total Transportation	99,186,421	66,345,370	32,841,051	66.89%
32	Total Special Contract	3,340,724	2,493,039	847,685	74.63%
	Total Non Firm Transportation	16,979,288	9,288,083	7,691,205	
33	Total Interruptible	2,156,784	810,189	1,346,595	
34		-	-	-	
35	check	352,415,181	262,474,717	81,732,386	
36		14,268,719	12,591,312	9,885,485	
37		22,476,796	12,591,312	9,885,485	
38					
39					

National Grid - Rhode Island
Computation of Design Day D

DEVELOPMENT OF DESIGN DAY
DEMAND, Therms

NOTE THE TOTAL FOR THE YEAR SHOULD BE THE SAME FOR ALL RATE CLASSES E
DEGREE DAYS BY MONTH SHOULD BE DIFFERENT DUE TO THE DIFFERENCES IN

	Customer Class		Normal Degree Days in Billing/Calendar Month 11 2013	12 2013	1 2014	2 2013	3 2013	4 2013	5 2013	6 2013
1	Res Non-Htg R 10 & 80	Billing	405	786	978	1,037	953	646	363	143
2	Res Non-Htg R 11	Billing	405	786	978	1,037	953	646	363	143
3	Residential Heat Rate 12	Billing	405	786	978	1,037	953	646	363	143
4	Residential Heat Rate 13	Billing	405	786	978	1,037	953	646	363	143
5	C&I Sales Small R 21	Billing	405	786	978	1,037	953	646	363	143
6	C&I Sales Medium Rate 22	Billing	405	786	978	1,037	953	646	363	143
7	C&I Trans Medium Rate 22 FT1	Calendar	579	931	1,099	936	796	453	227	44
8	C&I Trans Medium Rate 22 FT2	Billing	405	786	978	1,037	953	646	363	143
9	C&I Sales Lrg LLF Rate 33	Billing	405	786	978	1,037	953	646	363	143
10	C&I Trans Lrg LLF Rate 33 FT1	Calendar	579	931	1,099	936	796	453	227	44
11	C&I Trans Lrg LLF Rate 33 FT2	Billing	405	786	978	1,037	953	646	363	143
12	C&I Sales Lrg HLF Rate 23	Billing	405	786	978	1,037	953	646	363	143
13	C&I Trans Lrg HLF Rate 23 FT1	Calendar	579	931	1,099	936	796	453	227	44
14	C&I Trans Lrg HLF Rate 23 FT2	Billing	405	786	978	1,037	953	646	363	143
15	C&I Sales XLrg LLF R 34	Billing	405	786	978	1,037	953	646	363	143
16	C&I Trans XLrg LLF R 34 FT1	Calendar	579	931	1,099	936	796	453	227	44
17	C&I Trans XLrg LLF R 34 FT2	Billing	405	786	978	1,037	953	646	363	143
18	C&I Sales XLrg HLF R 24	Billing	405	786	978	1,037	953	646	363	143
19	C&I Trans XLrg HLF R 24 FT1	Calendar	579	931	1,099	936	796	453	227	44
20	C&I Trans XLrg HLF R 24 FT2	Billing	405	786	978	1,037	953	646	363	143
21	Special Contract	Calendar	579	931	1,099	936	796	453	227	44
22	Non-Firm Transport	Calendar	579	931	1,099	936	796	453	227	44
23	Interruptible	Calendar	579	931	1,099	936	796	453	227	44
24	New Customer	Calendar	579	931	1,099	936	796	453	227	44
25	New Customer	Calendar	579	931	1,099	936	796	453	227	44
26	New Customer	Calendar	579	931	1,099	936	796	453	227	44
27	New Customer	Calendar	579	931	1,099	936	796	453	227	44
28	New Customer	Calendar	579	931	1,099	936	796	453	227	44
29	Total									
30	Total Sales									
31	Total Transportation									
32	Total Special Contract									
	Total Non Firm Transportation									
33	Total Interruptible									
34										
35	check									
36										
37										
38										
39										

National Grid - Rhode Island
Computation of Design Day D

DEVELOPMENT OF DESIGN DAY UT THE
DEMAND, Therms BILLING CYCLES.

	Customer Class	7 2013	8 2013	9 2013	10 2013	Total Yr's DD's
1	Res Non-Htg R 10 & 80	19	0	14	129	5,474
2	Res Non-Htg R 11	19	0	14	129	5,474
3	Residential Heat Rate 12	19	0	14	129	5,474
4	Residential Heat Rate 13	19	0	14	129	5,474
5	C&I Sales Small R 21	19	0	14	129	5,474
6	C&I Sales Medium Rate 22	19	0	14	129	5,474
7	C&I Trans Medium Rate 22 FT1	1	1	52	339	5,458
8	C&I Trans Medium Rate 22 FT2	19	0	14	129	5,474
9	C&I Sales Lrg LLF Rate 33	19	0	14	129	5,474
10	C&I Trans Lrg LLF Rate 33 FT1	1	1	52	339	5,458
11	C&I Trans Lrg LLF Rate 33 FT2	19	0	14	129	5,474
12	C&I Sales Lrg HLF Rate 23	19	0	14	129	5,474
13	C&I Trans Lrg HLF Rate 23 FT1	1	1	52	339	5,458
14	C&I Trans Lrg HLF Rate 23 FT2	19	0	14	129	5,474
15	C&I Sales XLrg LLF R 34	19	0	14	129	5,474
16	C&I Trans XLrg LLF R 34 FT1	1	1	52	339	5,458
17	C&I Trans XLrg LLF R 34 FT2	19	0	14	129	5,474
18	C&I Sales XLrg HLF R 24	19	0	14	129	5,474
19	C&I Trans XLrg HLF R 24 FT1	1	1	52	339	5,458
20	C&I Trans XLrg HLF R 24 FT2	19	0	14	129	5,474
21	Special Contract	1	1	52	339	5,458
22	Non-Firm Transport	1	1	52	339	5,458
23	Interruptible	1	1	52	339	5,458
24	New Customer	1	1	52	339	5,458
25	New Customer	1	1	52	339	5,458
26	New Customer	1	1	52	339	5,458
27	New Customer	1	1	52	339	5,458
28	New Customer	1	1	52	339	5,458
29	Total					
30	Total Sales					
31	Total Transportation					
32	Total Special Contract					
	Total Non Firm Transportation					
33	Total Interruptible					
34						
35	check					
36						
37						
38						
39						

National Grid - Rhode Island
Computation of Design Day D

DEVELOPMENT OF DESIGN DAY
DEMAND, Therms

		Billing Month Number of Customers										
		11	12	1	2	3	4	5	6	7	8	9
	Customer Class	2013	2013	2014	2013	2013	2013	2013	2013	2013	2013	2013
1	Res Non-Htg R 10 & 80	24,880	24,831	24,707	25,545	25,424	25,252	25,096	24,999	24,923	24,921	24,916
2	Res Non-Htg R 11	321	321	319	330	328	326	324	323	322	322	322
3	Residential Heat Rate 12	181,777	183,085	183,742	182,298	182,415	181,579	180,528	179,377	178,750	178,347	178,635
4	Residential Heat Rate 13	21,374	21,528	21,605	21,435	21,449	21,351	21,227	21,092	21,018	20,971	21,004
5	C&I Sales Small R 21	18,450	18,636	18,709	18,731	18,585	18,454	18,264	18,077	17,952	17,884	17,992
6	C&I Sales Medium Rate 22	2,833	2,832	2,832	2,835	2,834	2,833	2,832	2,832	2,831	2,831	2,832
7	C&I Trans Medium Rate 22 FT1	431	431	431	430	430	430	430	430	430	430	430
8	C&I Trans Medium Rate 22 FT2	1,032	1,033	1,034	1,027	1,027	1,028	1,029	1,029	1,030	1,030	1,030
9	C&I Sales Lrg LLF Rate 33	126	127	126	126	126	126	126	126	126	126	126
10	C&I Trans Lrg LLF Rate 33 FT1	150	150	150	149	149	149	149	149	149	149	149
11	C&I Trans Lrg LLF Rate 33 FT2	135	135	135	134	134	134	134	134	134	134	134
12	C&I Sales Lrg HLF Rate 23	47	47	47	46	46	46	45	45	45	45	45
13	C&I Trans Lrg HLF Rate 23 FT1	69	69	69	69	69	69	69	69	69	69	69
14	C&I Trans Lrg HLF Rate 23 FT2	44	44	44	44	44	44	44	44	44	44	44
15	C&I Sales XLrg LLF R 34	2	2	2	2	2	2	2	2	2	2	2
16	C&I Trans XLrg LLF R 34 FT1	24	24	24	24	24	24	24	24	24	24	24
17	C&I Trans XLrg LLF R 34 FT2	5	5	5	5	5	5	5	5	5	5	5
18	C&I Sales XLrg HLF R 24	6	6	6	6	6	6	6	6	6	6	6
19	C&I Trans XLrg HLF R 24 FT1	50	50	50	50	50	50	50	50	50	50	50
20	C&I Trans XLrg HLF R 24 FT2	8	8	8	8	8	8	8	8	8	8	8
21	Special Contract	6	6	6	6	6	7	7	7	7	7	7
22	Non-Firm Transport	16	16	16	16	16	15	15	15	15	15	15
23	Interruptible	24	24	24	24	24	24	24	24	24	24	24
24	New Customer	0	0	0	0	0	0	0	0	0	0	0
25	New Customer	0	0	0	0	0	0	0	0	0	0	0
26	New Customer	0	0	0	0	0	0	0	0	0	0	0
27	New Customer	0	0	0	0	0	0	0	0	0	0	0
28	New Customer	0	0	0	0	0	0	0	0	0	0	0
29	Total	251,810	253,410	254,091	253,340	253,201	251,962	250,438	248,867	247,964	247,444	247,869
30	Total Sales	249,816	251,415	252,095	251,354	251,215	249,975	248,450	246,879	245,975	245,455	245,880
31	Total Transportation	1,948	1,949	1,950	1,940	1,940	1,941	1,942	1,942	1,943	1,943	1,943
32	Total Special Contract	6	6	6	6	6	7	7	7	7	7	7
	Total Non Firm Transportation	16	16	16	16	16	15	15	15	15	15	15
33	Total Interruptible	24	24	24	24	24	24	24	24	24	24	24
34		-	-	-	-	-	-	-	-	-	-	-
35	check	249,448	250,734	252,063	252,210	251,890	250,926	249,077	247,571	246,855	246,372	246,429
36		2,362	2,676	2,028	1,130	1,311	1,036	1,361	1,296	1,109	1,072	1,440
37		46	46	46	46	46	46	46	46	46	46	46
38												
39												

National Grid - Rhode Island
Computation of Design Day D

DEVELOPMENT OF DESIGN DAY
DEMAND, Therms

	Customer Class	10 2013	Annual Number of Customers
1	Res Non-Htg R 10 & 80	24,906	300,402
2	Res Non-Htg R 11	322	3,878
3	Residential Heat Rate 12	179,934	2,170,467
4	Residential Heat Rate 13	21,157	255,211
5	C&I Sales Small R 21	18,205	219,939
6	C&I Sales Medium Rate 22	2,832	33,989
7	C&I Trans Medium Rate 22 FT1	431	5,164
8	C&I Trans Medium Rate 22 FT2	1,032	12,361
9	C&I Sales Lrg LLF Rate 33	126	1,513
10	C&I Trans Lrg LLF Rate 33 FT1	149	1,791
11	C&I Trans Lrg LLF Rate 33 FT2	135	1,612
12	C&I Sales Lrg HLF Rate 23	46	550
13	C&I Trans Lrg HLF Rate 23 FT1	69	828
14	C&I Trans Lrg HLF Rate 23 FT2	44	528
15	C&I Sales XLrg LLF R 34	2	24
16	C&I Trans XLrg LLF R 34 FT1	24	288
17	C&I Trans XLrg LLF R 34 FT2	5	60
18	C&I Sales XLrg HLF R 24	6	72
19	C&I Trans XLrg HLF R 24 FT1	50	600
20	C&I Trans XLrg HLF R 24 FT2	8	96
21	Special Contract	7	79
22	Non-Firm Transport	16	186
23	Interruptible	24	288
24	New Customer	0	0
25	New Customer	0	0
26	New Customer	0	0
27	New Customer	0	0
28	New Customer	0	0
29	Total	249,530	3,009,926
30	Total Sales	247,536	2,986,045
31	Total Transportation	1,947	23,328
32	Total Special Contract	7	79
	Total Non Firm Transportation	16	186
33	Total Interruptible	24	288
34		-	-
35	check	247,210	2,990,785
36		2,320	19,141
37		47	553
38			
39			

National Grid - Rhode Island
Computation of Design Day D

DEVELOPMENT OF DESIGN DAY
DEMAND, Therms

	Customer Class	Use Per Customer 11 2013	12 2013	1 2014	2 2013	3 2013	4 2013	5 2013	6 2013	7 2013	8 2013	9 2013
1	Res Non-Htg R 10 & 80	15	22	29	27	26	22	16	12	11	9	10
2	Res Non-Htg R 11	36	62	72	84	84	63	46	23	20	16	17
3	Residential Heat Rate 12	52	99	143	154	137	94	51	29	21	18	19
4	Residential Heat Rate 13	55	99	126	140	138	100	60	38	27	21	23
5	C&I Sales Small R 21	70	149	284	218	235	145	75	40	35	26	25
6	C&I Sales Medium Rate 22	765	1,104	1,866	1,890	1,801	1,204	747	468	368	253	310
7	C&I Trans Medium Rate 22 FT1	1,717	2,287	2,634	2,624	2,006	1,573	1,107	940	603	635	836
8	C&I Trans Medium Rate 22 FT2	878	1,539	1,871	1,947	1,935	1,340	863	616	340	356	373
9	C&I Sales Lrg LLF Rate 33	3,525	6,169	10,503	9,986	10,648	9,039	2,294	1,665	811	459	936
10	C&I Trans Lrg LLF Rate 33 FT1	6,317	9,934	11,312	11,511	8,885	5,261	2,907	1,087	978	1,076	1,395
11	C&I Trans Lrg LLF Rate 33 FT2	4,695	8,857	9,963	11,911	11,903	8,564	4,193	2,054	1,651	805	1,161
12	C&I Sales Lrg HLF Rate 23	4,426	5,018	7,910	7,466	7,775	6,003	5,003	3,315	3,103	2,826	3,587
13	C&I Trans Lrg HLF Rate 23 FT1	7,478	9,167	10,619	10,366	9,720	7,986	7,608	6,692	5,189	5,661	6,464
14	C&I Trans Lrg HLF Rate 23 FT2	5,693	7,610	7,586	7,372	8,030	6,787	5,196	4,585	5,459	3,958	4,156
15	C&I Sales XLrg LLF R 34	15,705	18,834	25,708	25,438	31,821	20,984	15,478	13,047	6,159	2,321	2,487
16	C&I Trans XLrg LLF R 34 FT1	33,573	52,091	39,149	47,818	36,316	25,504	16,138	6,165	4,547	5,229	6,724
17	C&I Trans XLrg LLF R 34 FT2	12,891	30,644	24,877	36,044	31,666	25,262	15,067	5,625	5,454	3,467	5,031
18	C&I Sales XLrg HLF R 24	20,213	33,915	46,369	33,009	29,881	24,991	17,772	23,174	22,830	19,235	19,250
19	C&I Trans XLrg HLF R 24 FT1	65,984	74,706	86,006	78,118	72,910	66,128	56,013	63,645	56,714	61,095	59,513
20	C&I Trans XLrg HLF R 24 FT2	20,842	28,874	25,796	27,617	24,577	23,834	23,504	22,038	17,562	19,165	19,344
21	Special Contract	91,165	79,900	37,926	48,186	84,290	63,463	15,416	21,807	19,350	20,887	23,426
22	Non-Firm Transport	122,976	102,658	60,705	73,031	121,041	106,767	83,711	82,367	76,470	81,301	91,070
23	Interruptible	7,374	3,571	5,897	13,496	1,826	1,594	2,643	8,898	22,288	3,854	9,864
24	New Customer	-	-	-	-	-	-	-	-	-	-	-
25	New Customer	-	-	-	-	-	-	-	-	-	-	-
26	New Customer	-	-	-	-	-	-	-	-	-	-	-
27	New Customer	-	-	-	-	-	-	-	-	-	-	-
28	New Customer	-	-	-	-	-	-	-	-	-	-	-
29	Total											
30	Total Sales											
31	Total Transportation											
32	Total Special Contract											
	Total Non Firm Transportation											
33	Total Interruptible											
34												
35	check											
36												
37												
38												
39												

National Grid - Rhode Island
Computation of Design Day D

DEVELOPMENT OF DESIGN DAY
DEMAND, Therms

	Customer Class	10 2013	Total Yr's
1	Res Non-Htg R 10 & 80	11	17
2	Res Non-Htg R 11	20	45
3	Residential Heat Rate 12	23	70
4	Residential Heat Rate 13	27	72
5	C&I Sales Small R 21	34	113
6	C&I Sales Medium Rate 22	393	931
7	C&I Trans Medium Rate 22 FT1	1,180	1,512
8	C&I Trans Medium Rate 22 FT2	559	1,051
9	C&I Sales Lrg LLF Rate 33	1,395	4,787
10	C&I Trans Lrg LLF Rate 33 FT1	3,105	5,321
11	C&I Trans Lrg LLF Rate 33 FT2	2,166	5,662
12	C&I Sales Lrg HLF Rate 23	3,295	4,994
13	C&I Trans Lrg HLF Rate 23 FT1	6,701	7,804
14	C&I Trans Lrg HLF Rate 23 FT2	4,479	5,909
15	C&I Sales XLrg LLF R 34	15,014	16,083
16	C&I Trans XLrg LLF R 34 FT1	13,955	23,934
17	C&I Trans XLrg LLF R 34 FT2	11,274	17,275
18	C&I Sales XLrg HLF R 24	15,672	25,526
19	C&I Trans XLrg HLF R 24 FT1	60,025	66,738
20	C&I Trans XLrg HLF R 24 FT2	18,479	22,636
21	Special Contract	20,213	42,288
22	Non-Firm Transport	91,714	91,286
23	Interruptible	8,561	7,489
24	New Customer	-	-
25	New Customer	-	-
26	New Customer	-	-
27	New Customer	-	-
28	New Customer	-	-
29	Total		
30	Total Sales		
31	Total Transportation		
32	Total Special Contract		
	Total Non Firm Transportation		
33	Total Interruptible		
34			
35	check		
36			
37			
38			
39			

National Grid - Rhode Island
Computation of Design Day D

DEVELOPMENT OF DESIGN DAY DEMAND, Therms

	Customer Class	Regression Prediction Monthly Base Use per customer	Use per Deg Day per customer	R -Square	Design Day Load at 66.0	Conventional Weather Norm Monthly Base Use	Use per Deg Day	Load at 66.0	Peak Month Adjustment Use in Wtr Peak Mo	DD in Peak Mo.	Use per Deg Day 75%	Load at 66.0
1	Res Non-Htg R 10 & 80	9	0.02	98%	36,874	223,234	470.07	38,226	706,434	978	445.50	38,299
2	Res Non-Htg R 11	15	0.06	97%	1,530	5,057	21.04	1,552	27,551	1,037	20.73	1,567
3	Residential Heat Rate 12	11	0.13	98%	1,627,153	3,233,024	20886.59	1,482,806	27,993,250	1,037	23621.88	1,674,298
4	Residential Heat Rate 13	19	0.11	98%	176,232	449,927	2356.61	170,050	2,995,585	1,037	2464.76	177,156
5	C&I Sales Small R 21	12	0.22	92%	276,813	473,421	3501.24	246,353	5,318,476	978	4083.93	313,034
6	C&I Sales Medium Rate 22	235	1.53	96%	306,986	716,779	4225.50	302,005	5,359,425	1,037	4319.53	314,072
7	C&I Trans Medium Rate 22 FT1	692	1.80	98%	61,087	272,922	830.79	63,636	1,135,146	1,099	777.09	60,530
8	C&I Trans Medium Rate 22 FT2	333	1.58	99%	118,852	366,933	1575.26	115,804	1,999,954	1,037	1629.50	117,763
9	C&I Sales Lrg LLF Rate 33	259	9.92	93%	83,598	57,794	1200.76	81,115	1,323,357	978	1250.37	85,814
10	C&I Trans Lrg LLF Rate 33 FT1	699	10.15	98%	103,898	160,384	1393.77	97,163	1,715,131	936	1521.98	110,003
11	C&I Trans Lrg LLF Rate 33 FT2	877	10.49	98%	97,326	107,926	1436.02	98,259	1,596,090	1,037	1415.68	97,661
12	C&I Sales Lrg HLF Rate 23	2,941	4.46	91%	18,392	127,159	223.86	18,877	371,766	978	209.81	19,321
13	C&I Trans Lrg HLF Rate 23 FT1	5,889	4.21	90%	32,538	390,603	325.28	34,069	732,734	1,099	290.59	32,769
14	C&I Trans Lrg HLF Rate 23 FT2	4,316	3.49	90%	16,388	174,144	188.93	18,087	334,862	786	153.70	17,182
15	C&I Sales XLrg LLF R 34	6,486	21.04	85%	3,204	4,641	60.56	4,147	51,416	978	42.08	3,114
16	C&I Trans XLrg LLF R 34 FT1	5,230	41.12	92%	69,266	125,501	987.35	69,214	1,250,185	931	986.97	76,033
17	C&I Trans XLrg LLF R 34 FT2	4,468	28.08	93%	10,000	17,336	151.90	10,585	180,219	1,037	140.38	10,406
18	C&I Sales XLrg HLF R 24	17,509	17.58	65%	10,414	115,408	83.05	9,204	278,214	978	166.41	14,777
19	C&I Trans XLrg HLF R 24 FT1	57,155	21.07	84%	163,485	3,054,737	620.60	139,500	4,300,318	1,099	1053.52	172,847
20	C&I Trans XLrg HLF R 24 FT2	18,958	8.06	79%	9,244	153,322	61.09	8,978	230,989	786	64.51	10,185
21	Special Contract	22,989	45.83	42%	22,685	146,207	290.73	23,905	479,398	931	357.88	28,427
22	Non-Firm Transport	89,226	4.23	1%	51,404	1,219,518	429.82	67,707	1,642,530	931	454.36	70,082
23	Interruptible	9,385	-4.17	8%	802	92,508	191.84	15,646	323,899	936	247.21	19,357
24	New Customer	0	0.00	0%	0	0	0.00	0	0	931	0.00	0
25	New Customer	0	0.00	0%	0	0	0.00	0	0	931	0.00	0
26	New Customer	0	0.00	0%	0	0	0.00	0	0	931	0.00	0
27	New Customer	0	0.00	0%	0	0	0.00	0	0	931	0.00	0
28	New Customer	0	0.00	0%	0	0	0.00	0	0	931	0.00	0
29	Total											
30	Total Sales											
31	Total Transportation											
32	Total Special Contract											
	Total Non Firm Transportation											
33	Total Interruptible											
34												
35	check											
36												
37												
38												
39												

National Grid - Rhode Island
Computation of Design Day D

DEVELOPMENT OF DESIGN DAY DEMAND, Therms

	Customer Class	Design Day Load Estimate	R Sqare>= 90%	R Sqare>= 75% & <90%	R Sqare< 75%	Base	Use per Deg Day	Htg Deg Day	Design Day Load Estimate
		90%							
1	Res Non-Htg R 10 & 80	36,874	**Regression Prediction**						
2	Res Non-Htg R 11	1,530	**Regression Prediction**						
3	Residential Heat Rate 12	1,627,153	**Regression Prediction**						
4	Residential Heat Rate 13	176,232	**Regression Prediction**						
5	C&I Sales Small R 21	276,813	**Regression Prediction**						
6	C&I Sales Medium Rate 22	306,986	**Regression Prediction**						
7	C&I Trans Medium Rate 22 FT1	61,087	**Regression Prediction**						
8	C&I Trans Medium Rate 22 FT2	118,852	**Regression Prediction**						
9	C&I Sales Lrg LLF Rate 33	83,598	**Regression Prediction**						
10	C&I Trans Lrg LLF Rate 33 FT1	103,898	**Regression Prediction**						
11	C&I Trans Lrg LLF Rate 33 FT2	97,326	**Regression Prediction**						
12	C&I Sales Lrg HLF Rate 23	18,392	**Regression Prediction**						
13	C&I Trans Lrg HLF Rate 23 FT1	34,069		Conventional Weather Norm		12,600	325.28	66	34,069
14	C&I Trans Lrg HLF Rate 23 FT2	18,087		Conventional Weather Norm		5,618	188.93	66	18,087
15	C&I Sales XLrg LLF R 34	4,147		Conventional Weather Norm		150	60.56	66	4,147
16	C&I Trans XLrg LLF R 34 FT1	69,266	**Regression Prediction**						
17	C&I Trans XLrg LLF R 34 FT2	10,000	**Regression Prediction**						
18	C&I Sales XLrg HLF R 24	14,777			Peak Month Adjustment	9,147	166	34	14,777
19	C&I Trans XLrg HLF R 24 FT1	172,847		Peak Month Regression		141,380	1,054	30	172,847
20	C&I Trans XLrg HLF R 24 FT2	10,185		Peak Month Regression		7,594	65	40	10,185
21	Special Contract	28,427			Peak Month Adjustment	15,761	358	35	28,427
22	Non-Firm Transport	70,082			Peak Month Adjustment	54,001	454	35	70,082
23	Interruptible	19,357			Peak Month Adjustment	10,649	247	35	19,357
24	New Customer	0							
25	New Customer	0							
26	New Customer	0							
27	New Customer	0							
28	New Customer	0							
29	Total	3,359,987	Need to Compare to Company's projection of Design Day load						
30	Total Sales	2,546,502							
31	Total Transportation	441,168							
32	Total Special Contract	28,427							
	Total Non Firm Transportation	70,082							
33	Total Interruptible	19,357							
34									
35	check	3,451,359	Design Day Load 2010/11						
36		(91,372)	Difference						
37		-2.6%	% Difference						
38									
39									

Proportional Responsibility
Distribution Investment Allocator DISTR

The Proportional Responsibility Method is a capacity allocation procedure which considers the monthly variation in sales by customer class. Months with higher total usage are given more weight than lower usage months. The method was first developed by Gary H. Grainger of Wisconsin Public Service Corporation and published November 9, 1972 in *Public Utilities Fortnightly*.

The Proportional Responsibility ("PR") Method is often used to allocate distribution plant to gas utility customers. Each customer class is assigned capacity-related costs based upon the variation of usage across all twelve months of the test year In this manner, the PR method recognizes that capacity on the distribution system has some value each month throughout the year, though that value is greatly diminished in the summer months when system loads are much lower. By observation, the PR method is generally consistent with the market price for inter-state pipeline capacity as evidenced by the prices commanded for capacity release.

In contrast, the Design Day Allocation Method relates all costs to a single day, a hypothetical day where temperature extremes create the greatest load for which the utility can provide firm delivery service. The Design Day Demand Method is susceptible to errors due to the mis-estimation of class loads under extreme weather conditions. This method assumes that all costs are attributable to a single day, so by inference, there is no value to capacity at any other time. Summer-only users and interruptible customers would have no capacity cost responsibility at any time. In essence, these customers would receive the benefit of free use of the transmission and distribution system. This anomaly is one of the reasons why the FERC has migrated to capacity allocation methods that recognize customer loads throughout the year, such as the Modified Fixed Variable Method.

The Proportional Responsibility Method of Capacity Cost Allocation

"Proportional responsibility," a new capacity cost allocation method, is designed to give a realistic and reasonable distribution of imbedded capacity costs, making it ideal for rate design purposes, rate of return determination, and support in rate cases. Other methods of capacity allocation, including their inherent fallacies, are also discussed.

By GARY H. GRAINGER

THE importance of cost-of-service studies has long been recognized in the electric utility industry. This importance is evident when you consider the numerous uses that are made of these studies, as illustrated by the following list:

Uses of Cost-of-service Studies

1. Determination of rate of return by customer group.
2. Rate design.
3. Sales promotion policy.
4. Support in rate cases before regulatory authorities.
5. Cost trends.
6. Engineering policy.

In the preparation of these studies, the allocation of capacity costs is the most significant part of the study for two reasons. First, capacity costs are generally the largest individual segment of costs, and, second, there is no universally accepted method for allocating these costs.

The remainder of this article is devoted to reviewing some of the common methods of capacity allocation, including a discussion of their inherent fallacies and then the development of a new method of capacity cost allocation that I have chosen to call the proportional responsibility method.

To illustrate some of the more common methods of capacity allocation, assume the customer group load curves and the system load curve shown in Figure I (page 26). Table 1 (page 27) describes the characteristics of each of these customer group loads, and Table 2 (page 27) shows the results of the capacity allocations under various commonly used methods.

Before analyzing the results shown in Table 2, I would like to state briefly the principal criteria of capacity costs. Capacity costs are those created as a result of providing capacity for the customer's maximum demand. In other words, costs associated with property and plant having a specific design or size because of the maximum quantity of power used are considered capacity costs. They are not in any manner related to load factor.

Analyzing the results contained in Table 2 reveals the fallacies of the various methods:

I. *Peak Responsibility*—Allocates all capacity costs on the basis of the loads as they occur at the time of the system peak. This implies that no capacity is required to serve loads A, B, and C since they were not taking service at the time of the system peak. This is incorrect because even without loads D, E, F, and G, there would still be a need for 300 kilowatts of capacity for loads A, B, and C.

II. *Noncoincident Peak*—Allocates all capacity costs on the basis of the individual customer peaks irrespective of the time of occurrence. Table 2 shows that all loads receive an equal share of capacity costs. Referring to the total system curve shown in Figure I, more capacity is needed to meet the six peak hours of 9 to 12 A.M. and 4 to 7 P.M. than any other hours of the day. Therefore, a larger portion of the demand costs should be assigned to the loads

FIGURE I

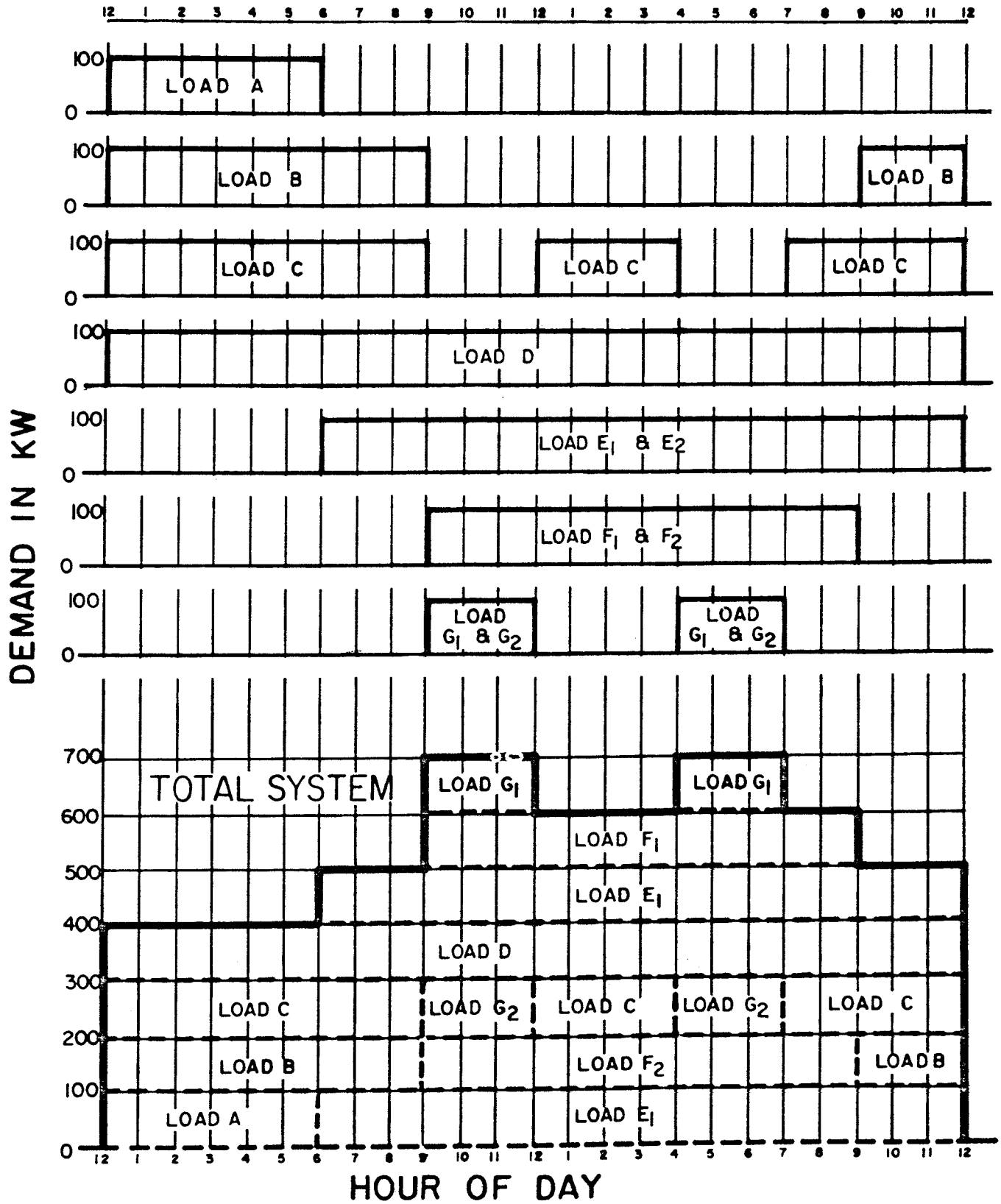


TABLE 1

Load	Kwh.	Diversified Peak Kw.	Coincident Peak Kw.	Load Factor	Load Characteristics
A	600	100	0	25%	Nothing on System Peak
B	1,200	100	0	50%	Nothing on System Peak
C	1,800	100	0	75%	Nothing on System Peak
D	2,400	100	100	100%	Entirely on System Peak
E_1 & E_2	1,800	100	100	75%	Entirely on System Peak
F_1 & F_2	1,200	100	100	50%	Entirely on System Peak
G_1 & G_2	600	100	100	25%	Entirely on System Peak

creating the system peak; this is not being done.

III. *Average and Excess*—The portion of facilities required to serve the average load is allocated on the basis of the average demands and the difference between the average loads and the maximum load, being the excess demand, is allocated on the basis of the noncoincident peak. The results are partially dependent on load factor, which, as stated earlier, has no bearing on demand costs.

IV. *Complete Peak*—Manner of capacity cost allocation differs from other methods by putting onus on classes that exceed average demand during periods when system peaks go above average system load. This method is also partially dependent on load factor.

To the best of my knowledge, all currently published methods have somewhat similar fallacies. Recognizing that these fallacies must be overcome, the following method was developed:

Figure II (page 28) shows the same system load curve as in Figure I; the left-hand scale indicates the demand and the bottom scale indicates the hours of the day. On the right-hand scale, percentages are added. Looking at the demand of 400 kilowatts presenting 57.14 per cent of the peak, it is observed that this demand exists for the entire 24-hour period. Since 400 kilowatts represent 57.14 per cent of the peak, it similarly accounts for 57.14 per cent of the capacity costs. Dividing these capacity costs of 57.14 per cent equally to each of these hours (57.14%/24 Hrs.) results in each hour being responsible for 2.38 per cent of the capacity costs. The next break in the load curve (500 kilowatts) is responsible for 14.29 per cent (71.43% - 57.14%) of the capacity costs; this demand is used eighteen hours a day, 6 A.M. to 12 P.M. By similar calculation, each hour is responsible for .79 per cent (14.29%/18 Hrs.) of the capacity costs. Moving up to the 600-kilowatt break, each hour from 9 A.M. to 9 P.M. is responsible for 1.19 per cent of the capacity costs. Finally, at 700 kilowatts, each of the hours from 9 A.M. to 12 A.M. and 4 P.M. to 7 P.M. is responsible for 2.38 per cent of the capacity costs.

By combining these hourly percentages, the six hours from 12 P.M. to 6 A.M. are each responsible for 2.38 per cent, the six hours, 6 A.M. to 9 A.M. and 9 P.M. to 12 P.M. are each responsible for 3.17 per cent (2.38% + .79%), the six hours 12 A.M. to 4 P.M. and 7 P.M. to 9 P.M. for 4.36 per cent (2.38% + .79% + 1.19%) and the six hours 9 A.M. to 12 A.M. and 4 P.M. to 6 P.M. for 6.74 per cent (2.38% + .79% + 1.19% + 2.38%).

These hourly percentages, representing the distribution of the total capacity costs over the twenty-four hours of the day, establish a weighting system that will be used to distribute capacity costs to the various loads.

Figure III (page 28), showing the hourly weighting factors on the bottom scale, reveals that some loads have more than one weighting factor. For example, load D falls in all four weighting areas. It is appropriate that an individual load should be responsible for the maximum weighted demand. Applying this principle to Figure III, the weighted demands shown

TABLE 2

Load	Method I Peak Responsibility Kw.	%	Method II Noncoincident Peak Kw.	%	Method III Average & Excess Kw.	%	Method IV Complete Peak (Oram & Robison) Kw.	%
A	0		70	10	50	7	25	4
B	0		70	10	67	10	50	7
C	0		70	10	83	12	79	11
D	100	14	70	10	100	13	100	14
E_1	100	14	70	10	83	12	89	13
E_2	100	14	70	10	83	12	89	13
F_1	100	14	70	10	67	10	78	11
F_2	100	14	70	10	67	10	78	11
G_1	100	15	70	10	50	7	56	8
G_2	100	15	70	10	50	7	56	8
	700	100	700	100	700	100	700	100

FIGURE II

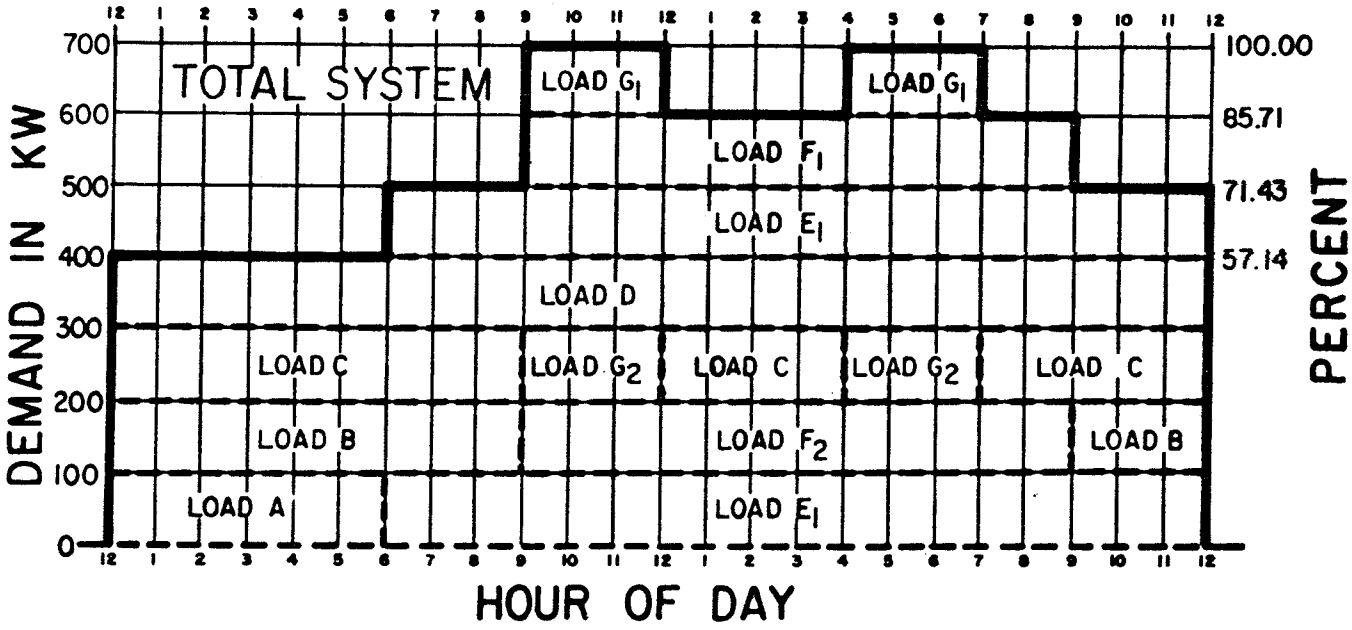


FIGURE III

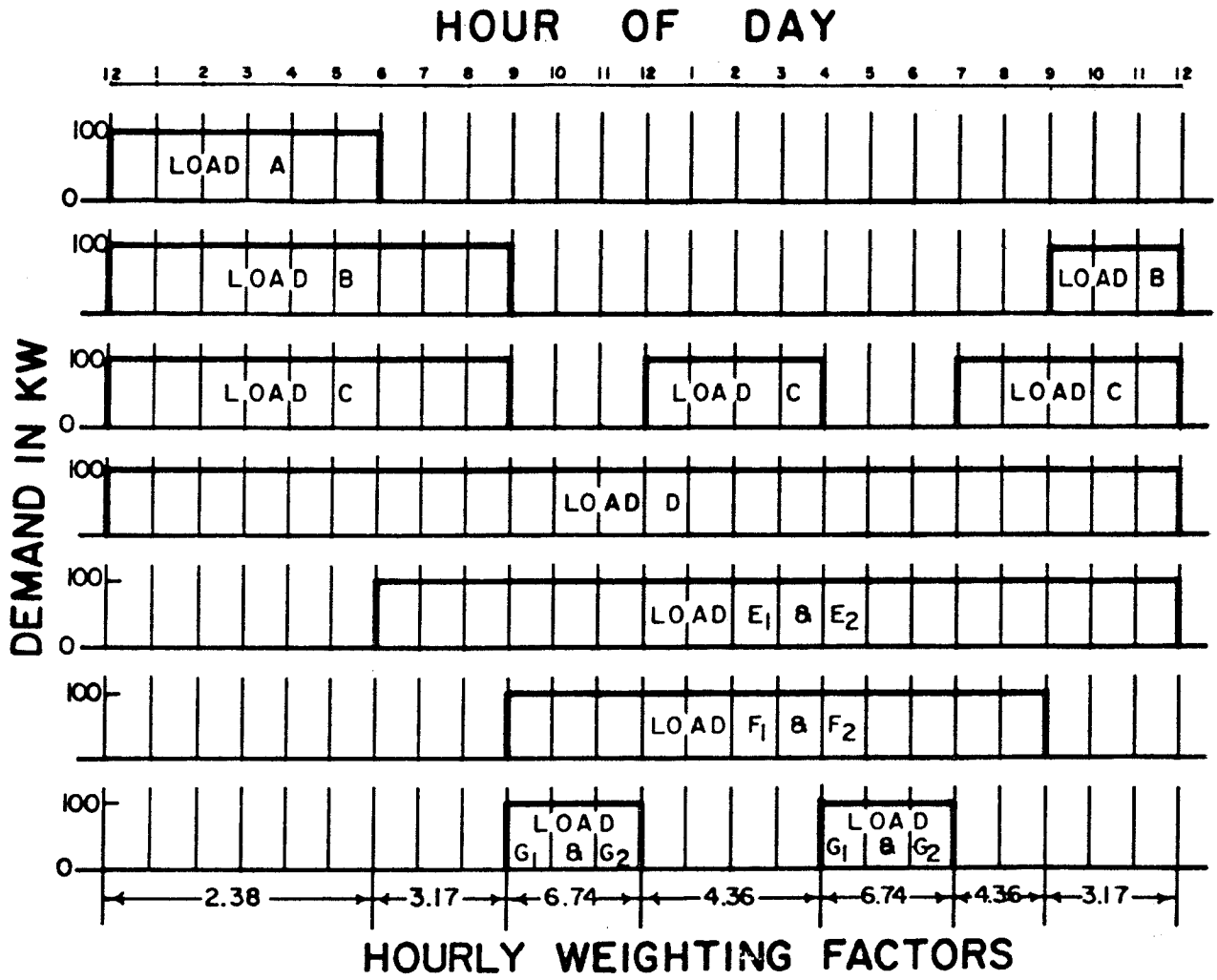


TABLE 3

Load	*Highest Hourly Weighting Factor*	*Weighted Demand*	*Percentage Distribution*	*Distribution of 700 Kw.*
A	2.38	238	4	28
B	3.17	317	5	38
C	4.36	436	7	53
D	6.74	674	12	83
E_1	6.74	674	12	83
E_2	6.74	674	12	83
F_1	6.74	674	12	83
F_2	6.74	674	12	83
G_1	6.74	674	12	83
G_2	6.74	674	12	83
		5,709	100	700

in Table 3 above were determined. In the next to the last column, the percentage distribution of the total weighted demand is shown. These percentages represent the proportional distribution of the capacity costs. Applying these percentages to the total system demand of 700 kilowatts gives the demand allocation shown in the last column.

The end result of this method is to assign all capacity costs to the individual loads proportional to what they individually would cost.

Table 4 (page 30) again shows the results of some of the more common methods of capacity allocation, as well as the proportional responsibility method. The inequities of the common methods described earlier are eliminated under the proportional responsibility method. Each and every load is assigned a proportionate share of the capacity costs. It is not dependent on load factors and it considers the time when the demand was established.

An additional major advantage of the proportional responsibility method is that it can be used to determine the costs associated with successively smaller components of the total load. A logical sequence of studies, each using the results of the earlier study in the listing, would be:

1. Cost of service by jurisdictional area.
2. Cost of service by class of service.
3. Cost of service by rate schedule.
4. Cost of service by homogeneous groups within the rate schedule (could be by annual consumption or connected appliances).
5. Cost of service by individual appliance or specific load.

None of the common methods described earlier in this article will give reasonable answers if applied to the above series of studies.

The actual application of the proportional responsibility method is more complex than described above as each hour of the year has a specific weighting factor, and complete day-by-day load curves are required both for the system and for the various customer groups. However, with modern computer technology, this is not an insurmountable problem.

If desired, the proportional responsibility method can be simplified by reducing the number of load curves resulting in fewer weighting factors. For example, instead of using the daily load curves, average monthly load curves or monthly peak-day load curves could be used. As might be expected, this simplification will alter the proportional allocation and limit the scope of application because it does not fully consider the daily, monthly, and seasonal shifts of the load curves of the system or the customer groups.

However, compared to the known fallacies of the results of commonly used methods, this altera-

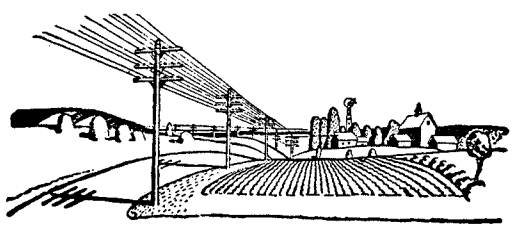
Gary H. Grainger is electric rates and research supervisor for the Wisconsin Public Service Corporation. After receiving his BA degree in electrical engineering from the University of Wisconsin in 1960, he joined the utility and, in 1972, was appointed to his present position. Currently, a member of the Rate Research Committee of the Edison Electric Institute, he has testified in regulatory matters before the Federal Power Commission and the Wisconsin and Michigan Public Service commissions.

TABLE 4

	Method I Peak Responsibility		*Method II Noncoincident Peak*		*Method III Average & Excess*		*Method IV Complete Peak (Oram & Robison)*		*Method V Prop. Resp. Method*	
Load	*Kw.*	*%*	*Kw.*	*%*	*Kw.*	*%*	*Kw.*	*%*	*Kw.*	*%*
A	0		70	10	50	7	25	4	28	4
B	0		70	10	67	10	50	7	38	5
C	0		70	10	83	12	79	11	53	7
D	100	14	70	10	100	13	100	14	83	12
E_1	100	14	70	10	83	12	89	13	83	12
E_2	100	14	70	10	83	12	89	13	83	12
F_1	100	14	70	10	67	10	78	11	83	12
F_2	100	14	70	10	67	10	78	11	83	12
G_1	100	15	70	10	50	7	56	8	83	12
G_2	100	15	70	10	50	7	56	8	83	12
	700	100	700	100	700	100	700	100	700	100

tion of the proportional allocation and limitation of scope is minor.

Finally, I want to point out that the proportional responsibility method is designed to give a realistic and reasonable distribution of imbedded capacity costs. This makes it ideal for purposes of rate design, determination of rate of return, and support in rate cases. It does not evaluate the incremental added costs of new loads or the long-range future costs of existing or added loads. These types of evaluations require separate special studies utilizing appropriate capacity allocation methods.



Outline of General Environmental Impact of Utility Operations

	Air Quality	*Water Quality*	*Land Use*	*Noise*
Electric	Stack emissions Nuclear radiation Transport and storage of nuclear materials	Thermal effect of coolant uses Secondary effect of fossil fuel used (coal-oil)	Lines and structures Dams and reservoirs Cooling towers Strip mining	Negligible
Natural gas	Negligible	Secondary effect from allied oil processing	Buildings and compressor stations	Compressors
Telephone	Negligible	Negligible	Lines and structures Radio towers	Relay stations
Rail & air carriers	Considerable emissions	Secondary effect of fossil fuels used or transported	Track and terminal structures	Considerable impact

SUMMARY OF THE PROPORTIONAL RESPONSIBILITY METHOD

The "Proportional Responsibility Method" is a capacity-related cost allocation method developed by Gary H. Grainger of Wisconsin Public Service Corporation. This method utilizes system load data (curve) to calculate a demand cost responsibility for each month, day or hour as the cost allocator to be used in the cost of service studies.

Exhibits 1 and 2 illustrate how this method works for the annual proportional responsibility. First, each monthly peak demand is calculated as a percentage of the annual system peak. This percentage is the demand cost responsibility. Second, the demand cost responsibility is spread over the month(s) it occurs. For example, the lowest demand cost responsibility is 83.65% (May, 1976) in Exhibit 1. This occurs in 12 months of the year and should be spread over the 12 months, i.e., 6.97083% per month. The second lowest responsibility is 84.08% (April, 1976). The difference between 84.08% and 83.65% (0.43%) occurs for 11 months of the year. Therefore, the second lowest demand month gets the cost responsibility of the lowest demand over 12 months (6.97083%) plus the responsibility of the second lowest demand spread over 11 months (0.03909%) as shown in Exhibit 2. This calculation continues until the highest demand month is done. Third, by adding the winter months' and summer months' responsibilities, two seasonal allocators are derived. The relationship between on-peak and off-peak periods within the month can also be quantified by using proportional responsibility method. This is shown in Exhibit 3.

The procedures of developing the allocators as described above are computerized and incorporated in Gilbert's Hourly Load Program in Fortran Language. Some sample print-outs labeled Exhibit 4 show the development of monthly proportional responsibility allocators on page 1 and diurnal allocators on pages 2 and 3.

Attached for reference is the article entitled "The Proportional Responsibility Method of Capacity Cost Allocation" by Gary H. Grainger from the November 9, 1972 issue of Public Utilities Fortnightly. This article introduced proportional responsibility method and also briefly discussed other capacity allocation methods.

EXHIBIT 1

PROPORTIONAL RESPONSIBILITY

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Jan, 1972	711	688	666	659	655	762	794	809	742	662	683	730
Jan, 1976	844	821	799	792	788	895	927	942	875	795	816	854
% of Peak	89.60	87.16	84.82	84.08	83.65	95.01	98.41	100.0	92.89	84.40	86.62	90.66

Lowest	83.65% ÷ 12	=	6.97083
	(84.08 - 83.65) ÷ 11	=	.03909
	(84.40 - 84.08) ÷ 10	=	.03200
	(84.82 - 84.40) ÷ 9	=	.04667
	(86.62 - 84.82) ÷ 8	=	.22500
	(87.16 - 86.62) ÷ 7	=	.07714
	(89.60 - 87.16) ÷ 6	=	.40667
	(90.66 - 89.60) ÷ 5	=	.21200
	(92.89 - 90.66) ÷ 4	=	.55750
	(95.01 - 92.89) ÷ 3	=	.70667
	(98.41 - 95.01) ÷ 2	=	1.70000
Highest	(100.00 - 98.41) ÷ 1	=	1.59000

Source: Peak-load Pricing Workshop paper by Wisconsin Public Service Corporation.

EXHIBIT 2

ANNUAL PROPORTIONAL RESPONSIBILITY

		% Distrib
Jan	= 6.971 + .039 + .032 + .047 + .225 + .077 + .407	= 7.7972
Feb	= 6.971 + .039 + .032 + .047 + .225 + .077	= 7.3907
Mar	= 6.971 + .039 + .032 + .047	= 7.0886
Apr	= 6.971 + .039	= 7.0099
May	= 6.971	= 6.9708
Jun	= 6.971 + .039 + .032 + .047 + .225 + .077 + .407 + .212 + .558 + .707	= 9.2736
Jul	= 6.971 + .039 + .032 + .047 + .225 + .077 + .407 + .212 + .558 + .707 + 1.7	= 10.9736
Aug	= 6.971 + .039 + .032 + .047 + .225 + .077 + .407 + .212 + .558 + .707 + 1.7 + 1.59	= 12.5636
Sep	= 6.971 + .039 + .032 + .047 + .225 + .077 + .407 + .212 + .558	= 8.5669
Oct	= 6.971 + .039 + .032	= 7.0419
Nov	= 6.971 + .039 + .032 + .047 + .225	= 7.3136
Dec	= 6.971 + .039 + .032 + .047 + .225 + .077 + .407 + .212	= 8.0094
Total		100.0000

Source: Peak-load Pricing Workshop paper by Wisconsin Public Service Corporation.

EXHIBIT 3

MONTHLY PROPORTIONAL RESPONSIBILITY

WINTER

Base Load	62.25%	428.55 Hrs.
Intermediate Load	87.70%	200.97 Hrs.
Peak Load	92.90%	100.48 Hrs.

730 Hrs. = 30.42 Days = 4.35 Weeks

67.008 ÷ 730.00	=	.09179%
27.395 ÷ 301.45	=	.09085%
5.597 ÷ 100.48	=	.05570%

Base Load	.09179%	1.00000	.38507
Intermediate Load	.18267%	1.99009	.76633
Peak Load	.23837%	2.59691	1.00000

SUMMER

Base Load	58.37%	406.38 Hrs.
Intermediate Load	83.35%	222.62 Hrs.
Peak Load	89.35%	101.000 Hrs.

65.072 ÷ 730.00	=	.08914
27.848 ÷ 323.62	=	.08605
7.079 ÷ 101.00	=	.07009

Base Load	.08914	1.00000	.36342
Intermediate Load	.17519	1.96534	.71424
Peak Load	.24528	2.75163	1.00000

Source: Peak-load Pricing Workshop paper by Wisconsin Public Service Corporation.

EXHIBIT 4

ANALYSIS OF 1979 DATA
DEVELOPMENT OF MONTHLY PROPORTIONAL RESPONSIBILITY ALLOCATOR

REFER TO PUBLIC UTILITIES FORTNIGHTLY, NOV. 9, 1972 FOR A DETAILED DISCUSSION OF THE PROCEDURE EMPLOYED

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
PEAK MW	869	862	795	769	800	915	934	1055	864	585	650	742
% OF PK	82.3697	81.7061	75.3554	72.8910	75.8294	86.7298	88.5308	100.0000	81.8957	55.4502	61.6114	70.3317
INVERSE RANK	9	7	5	4	6	10	11	12	8	1	2	3
SUCCESSIVE DIFFERENCE BY RANK	0.4739	5.8768	2.4645	2.5592	0.4739	4.3602	1.8009	11.4692	0.1896	55.4502	6.1611	8.7204
RANK	4	6	8	9	7	3	2	1	5	12	11	10
INCREMENT ALLOCATION IN %	0.1185	0.9795	0.3081	0.2844	0.0677	1.4534	0.9005	11.4692	0.0379	4.6209	0.5601	0.8720
CUMULATIVE ALLOCATION IN %	7.8490	7.6926	6.6454	6.3374	6.7131	9.3024	10.2028	21.6720	7.7305	4.6209	5.1810	6.0530
ALLOCATION IN MW	82	81	70	66	70	98	107	228	81	48	54	63

EXHIBIT 4

ANALYSIS OF 1979 DATA
DEVELOPMENT OF HOURLY PROPORTIONAL RESPONSIBILITY ALLOCATOR
MORNING HOURS- PAGE 1 OF 2

REFER TO PUBLIC UTILITIES FORTNIGHTLY, NOV.9, 1972 FOR A DETAILED DISCUSSION OF THE PROCEDURE EMPLOYED

HOUR ENDING	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 AM
PEAK MW	727	720	674	671	673	689	751	816	855	893	953	995
% OF PK	68.9099	68.2464	63.8862	63.6019	63.7915	65.3080	71.1848	77.3460	81.0426	84.6445	90.3317	94.3128
INVERSE RANK	6	5	3	1	2	4	7	8	10	12	13	16
SUCCESSIVE DIFFERENCE BY RANK	0.6635	2.9384	0.0948	63.6019	0.1896	1.4218	2.2749	6.1611	1.0427	0.5687	5.6872	0.6635
RANK	19	20	22	24	23	21	18	17	15	13	12	9
INCREMENT ALLOCATION IN %	0.0349	0.1469	0.0043	2.6601	0.0082	0.0677	0.1264	0.3624	0.0695	0.0437	0.4739	0.0737
CUMULATIVE ALLOCATION IN %	2.9122	2.8773	2.6626	2.6601	2.6583	2.7303	3.0386	3.4010	3.6364	3.8968	4.3707	4.7676
ALLOCATION IN MW	30	30	28	27	28	28	32	35	38	41	46	50

EXHIBIT 4

ANALYSIS OF 1979 DATA
DEVELOPMENT OF HOURLY PROPORTIONAL RESPONSIBILITY ALLOCATOR
EVENING HOURS- PAGE 2 OF 2

REFER TO PUBLIC UTILITIES FORTNIGHTLY , NOV.9, 1972 FOR A DETAILED DISCUSSION OF THE PROCEDURE EMPLOYED

HOUR ENDING	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	MIDNIGHT
PEAK MW	1021	1045	1045	1037	1030	1055	1027	988	1003	963	887	844
% OF PK	96.7772	99.0521	99.0521	98.2938	97.6303	100.0000	97.3460	93.6493	95.0711	91.2796	84.0758	80.0000
INVERSE RANK	18	23	22	21	20	24	19	15	17	14	11	9
SUCCESSIVE DIFFERENCE BY RANK	1.7062	0.0	0.7583	0.6635	0.2844	0.9479	0.5687	2.3697	0.7583	0.9479	3.0332	2.6540
RANK	7	2	3	4	5	1	6	10	8	11	14	16
INCREMENT ALLOCATION IN %	0.2437	0.0	0.2528	0.1659	0.0569	0.9479	0.0948	0.2370	0.0948	0.0862	0.2167	0.1659
CUMULATIVE ALLOCATION IN %	5.1061	5.6764	5.6764	5.4236	5.2577	6.6243	5.2009	4.6938	4.8623	4.4569	3.8530	3.5668
ALLOCATION IN MW	53	59	59	57	55	69	54	49	51	47	40	37

National Grid Rhode Island

Calculation of RSUM Allocation Factor

Ia. Normalized Sales (dth) Cycle Billed

Month	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High	Total
Jan-13	72,952	2,903,800	531,848	722,087	266,830	70,557	17,580	48,458	4,634,112
Feb-13	72,634	3,098,884	408,008	735,938	285,436	66,779	23,109	41,899	4,732,688
Mar-13	69,430	2,793,568	436,180	709,225	293,660	71,095	22,197	37,590	4,432,945
Apr-13	57,217	1,915,800	266,910	478,927	228,657	57,479	16,828	34,061	3,055,878
May-13	40,659	1,045,334	137,636	300,509	85,090	45,375	10,629	29,466	1,694,699
Jun-13	31,331	591,976	72,392	195,818	48,497	35,090	5,422	31,535	1,012,061
Jul-13	27,064	432,796	62,755	139,302	32,351	37,985	3,959	27,748	763,958
Aug-13	22,829	368,295	47,342	108,371	16,572	30,130	2,198	26,873	622,611
Sep-13	24,501	382,946	44,993	126,195	27,349	34,428	3,013	27,025	670,450
Oct-13	27,997	474,506	62,267	168,998	46,818	34,861	8,640	24,186	848,274
Nov-13	38,373	1,056,475	129,748	307,381	107,797	45,852	9,587	28,801	1,724,014
Dec-13	56,818	2,032,121	277,618	471,465	197,919	57,070	19,089	43,448	3,155,548
	541,805	17,096,499	2,477,696	4,464,217	1,636,977	586,701	142,251	401,091	27,347,237
	541,805	17,096,499	2,477,696	4,464,217	1,636,977	586,701	142,251	401,091	27,347,237

IIa. Normalized Sales per Billing Day

Month	Billing Days	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total
Jan-13	31	2,353	93,671	17,156	23,293	8,607	2,276	567	1,563	0	0	0	0	149,487
Feb-13	28	2,594	110,674	14,572	26,283	10,194	2,385	825	1,496	0	0	0	0	169,025
Mar-13	31	2,240	90,115	14,070	22,878	9,473	2,293	716	1,213	0	0	0	0	142,998
Apr-13	30	1,907	63,860	8,897	15,964	7,622	1,916	561	1,135	0	0	0	0	101,863
May-13	31	1,312	33,720	4,440	9,694	2,745	1,464	343	951	0	0	0	0	54,668
Jun-13	30	1,044	19,733	2,413	6,527	1,617	1,170	181	1,051	0	0	0	0	33,735
Jul-13	31	873	13,961	2,024	4,494	1,044	1,225	128	895	0	0	0	0	24,644
Aug-13	31	736	11,880	1,527	3,496	535	972	71	867	0	0	0	0	20,084
Sep-13	30	817	12,765	1,500	4,207	912	1,148	100	901	0	0	0	0	22,348
Oct-13	31	903	15,307	2,009	5,452	1,510	1,125	279	780	0	0	0	0	27,364
Nov-13	30	1,279	35,216	4,325	10,246	3,593	1,528	320	960	0	0	0	0	57,467
Dec-13	31	1,833	65,552	8,955	15,209	6,384	1,841	616	1,402	0	0	0	0	101,792
	365													

Calculation of RSUM Allocation Factor

Ib. Normalized Sales (dth) Monthly Billed

Month	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High	Total	
Jan-13	0	0	0	113,515	169,682	73,273	93,958	430,032	880,460	
Feb-13	0	0	0	112,833	171,513	71,528	114,763	390,592	861,229	
Mar-13	0	0	0	86,257	132,391	67,068	87,159	364,552	737,426	
Apr-13	0	0	0	67,618	78,392	55,103	61,209	330,639	592,961	
May-13	0	0	0	47,599	43,308	52,493	38,731	280,065	462,196	
Jun-13	0	0	0	40,403	16,193	46,178	14,797	318,225	435,795	
Jul-13	0	0	0	25,933	14,577	35,806	10,913	283,570	370,799	
Aug-13	0	0	0	27,292	16,038	39,060	12,550	305,474	400,415	
Sep-13	0	0	0	35,930	20,786	44,603	16,137	297,567	415,023	
Oct-13	0	0	0	50,848	46,259	46,237	33,493	300,123	476,959	
Nov-13	0	0	0	74,005	94,754	51,597	80,575	329,918	630,849	
Dec-13	0	0	0	98,551	149,009	63,255	125,019	373,529	809,363	
				780,785	952,904	646,199	689,302	4,004,285	7,073,474	34,420,710
				780,785	952,904	646,199	689,302	4,004,285	7,073,474	0

IIb. Normalized Sales per Billing Day

Month	Billing Days	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total
Jan-13	31	0	0	0	3,662	5,474	2,364	3,031	13,872	0	0	0	0	28,402
Feb-13	28	0	0	0	4,030	6,125	2,555	4,099	13,950	0	0	0	0	30,758
Mar-13	31	0	0	0	2,782	4,271	2,163	2,812	11,760	0	0	0	0	23,788
Apr-13	30	0	0	0	2,254	2,613	1,837	2,040	11,021	0	0	0	0	19,765
May-13	31	0	0	0	1,535	1,397	1,693	1,249	9,034	0	0	0	0	14,910
Jun-13	30	0	0	0	1,347	540	1,539	493	10,607	0	0	0	0	14,527
Jul-13	31	0	0	0	837	470	1,155	352	9,147	0	0	0	0	11,961
Aug-13	31	0	0	0	880	517	1,260	405	9,854	0	0	0	0	12,917
Sep-13	30	0	0	0	1,198	693	1,487	538	9,919	0	0	0	0	13,834
Oct-13	31	0	0	0	1,640	1,492	1,492	1,080	9,681	0	0	0	0	15,386
Nov-13	30	0	0	0	2,467	3,158	1,720	2,686	10,997	0	0	0	0	21,028
Dec-13	31	0	0	0	3,179	4,807	2,040	4,033	12,049	0	0	0	0	26,108

Calculation of RSUM Allocation Factor

IIc. Combined Normalized Sales per Billing Day

Month	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total	Rank
Jan-13	2,353	93,671	17,156	26,955	14,081	4,640	3,598	15,435	0	0	0	0	177,889	2
Feb-13	2,594	110,674	14,572	30,313	16,320	4,940	4,924	15,446	0	0	0	0	199,783	1
Mar-13	2,240	90,115	14,070	25,661	13,744	4,457	3,528	12,972	0	0	0	0	166,786	3
Apr-13	1,907	63,860	8,897	18,218	10,235	3,753	2,601	12,157	0	0	0	0	121,628	5
May-13	1,312	33,720	4,440	11,229	4,142	3,157	1,592	9,985	0	0	0	0	69,577	7
Jun-13	1,044	19,733	2,413	7,874	2,156	2,709	674	11,659	0	0	0	0	48,262	8
Jul-13	873	13,961	2,024	5,330	1,514	2,380	480	10,043	0	0	0	0	36,605	10
Aug-13	736	11,880	1,527	4,376	1,052	2,232	476	10,721	0	0	0	0	33,001	12
Sep-13	817	12,765	1,500	5,404	1,605	2,634	638	10,820	0	0	0	0	36,182	11
Oct-13	903	15,307	2,009	7,092	3,002	2,616	1,359	10,462	0	0	0	0	42,749	9
Nov-13	1,279	35,216	4,325	12,713	6,752	3,248	3,005	11,957	0	0	0	0	78,495	6
Dec-13	1,833	65,552	8,955	18,388	11,191	3,881	4,649	13,451	0	0	0	0	127,900	4

III. Percentage of Sales per Billing Day by Month

Month	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total
Jan-13	1.32%	52.66%	9.64%	15.15%	7.92%	2.61%	2.02%	8.68%	0.00%	0.00%	0.00%	0.00%	100.00%
Feb-13	1.30%	55.40%	7.29%	15.17%	8.17%	2.47%	2.46%	7.73%	0.00%	0.00%	0.00%	0.00%	100.00%
Mar-13	1.34%	54.03%	8.44%	15.39%	8.24%	2.67%	2.12%	7.78%	0.00%	0.00%	0.00%	0.00%	100.00%
Apr-13	1.57%	52.50%	7.31%	14.98%	8.41%	3.09%	2.14%	9.99%	0.00%	0.00%	0.00%	0.00%	100.00%
May-13	1.89%	48.46%	6.38%	16.14%	5.95%	4.54%	2.29%	14.35%	0.00%	0.00%	0.00%	0.00%	100.00%
Jun-13	2.16%	40.89%	5.00%	16.32%	4.47%	5.61%	1.40%	24.16%	0.00%	0.00%	0.00%	0.00%	100.00%
Jul-13	2.38%	38.14%	5.53%	14.56%	4.14%	6.50%	1.31%	27.43%	0.00%	0.00%	0.00%	0.00%	100.00%
Aug-13	2.23%	36.00%	4.63%	13.26%	3.19%	6.76%	1.44%	32.49%	0.00%	0.00%	0.00%	0.00%	100.00%
Sep-13	2.26%	35.28%	4.15%	14.94%	4.43%	7.28%	1.76%	29.90%	0.00%	0.00%	0.00%	0.00%	100.00%
Oct-13	2.11%	35.81%	4.70%	16.59%	7.02%	6.12%	3.18%	24.47%	0.00%	0.00%	0.00%	0.00%	100.00%
Nov-13	1.63%	44.86%	5.51%	16.20%	8.60%	4.14%	3.83%	15.23%	0.00%	0.00%	0.00%	0.00%	100.00%
Dec-13	1.43%	51.25%	7.00%	14.38%	8.75%	3.03%	3.63%	10.52%	0.00%	0.00%	0.00%	0.00%	100.00%

Calculation of RSUM Allocation Factor

IV. Sort

Month	Sales/ Billing Day	% of Topline	Increment	Feb-13	Jan-13	Mar-13	Dec-13	Apr-13	Nov-13	May-13	Jun-13	Oct-13	Jul-13	Sep-13	Aug-13
Feb-13	199,783	100.00%	10.96%	10.96%											
Jan-13	177,889	89.04%	5.56%	2.78%	2.78%										
Mar-13	166,786	83.48%	19.46%	6.49%	6.49%	6.49%									
Dec-13	127,900	64.02%	3.14%	0.78%	0.78%	0.78%	0.78%								
Apr-13	121,628	60.88%	21.59%	4.32%	4.32%	4.32%	4.32%	4.32%							
Nov-13	78,495	39.29%	4.46%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%						
May-13	69,577	34.83%	10.67%	1.52%	1.52%	1.52%	1.52%	1.52%	1.52%	1.52%					
Jun-13	48,262	24.16%	2.76%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%				
Oct-13	42,749	21.40%	3.08%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%	0.34%			
Jul-13	36,605	18.32%	0.21%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%		
Sep-13	36,182	18.11%	1.59%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	
Aug-13	33,001	16.52%	16.52%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%
			100.00%	**29.83%**	**18.87%**	**16.09%**	**9.60%**	**8.82%**	**4.50%**	**3.75%**	**2.23%**	**1.88%**	**1.54%**	**1.52%**	**1.38%**

V. RSUM

Month	Total %	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total
Feb-13	29.83%	0.39%	16.52%	2.18%	4.53%	2.44%	0.74%	0.74%	2.31%	0.00%	0.00%	0.00%	0.00%	29.83%
Jan-13	18.87%	0.25%	9.93%	1.82%	2.86%	1.49%	0.49%	0.38%	1.64%	0.00%	0.00%	0.00%	0.00%	18.87%
Mar-13	16.09%	0.22%	8.69%	1.36%	2.48%	1.33%	0.43%	0.34%	1.25%	0.00%	0.00%	0.00%	0.00%	16.09%
Dec-13	9.60%	0.14%	4.92%	0.67%	1.38%	0.84%	0.29%	0.35%	1.01%	0.00%	0.00%	0.00%	0.00%	9.60%
Apr-13	8.82%	0.14%	4.63%	0.64%	1.32%	0.74%	0.27%	0.19%	0.88%	0.00%	0.00%	0.00%	0.00%	8.82%
Nov-13	4.50%	0.07%	2.02%	0.25%	0.73%	0.39%	0.19%	0.17%	0.69%	0.00%	0.00%	0.00%	0.00%	4.50%
May-13	3.75%	0.07%	1.82%	0.24%	0.61%	0.22%	0.17%	0.09%	0.54%	0.00%	0.00%	0.00%	0.00%	3.75%
Jun-13	2.23%	0.05%	0.91%	0.11%	0.36%	0.10%	0.13%	0.03%	0.54%	0.00%	0.00%	0.00%	0.00%	2.23%
Oct-13	1.88%	0.04%	0.67%	0.09%	0.31%	0.13%	0.12%	0.06%	0.46%	0.00%	0.00%	0.00%	0.00%	1.88%
Jul-13	1.54%	0.04%	0.59%	0.09%	0.22%	0.06%	0.10%	0.02%	0.42%	0.00%	0.00%	0.00%	0.00%	1.54%
Sep-13	1.52%	0.03%	0.54%	0.06%	0.23%	0.07%	0.11%	0.03%	0.45%	0.00%	0.00%	0.00%	0.00%	1.52%
Aug-13	1.38%	0.03%	0.50%	0.06%	0.18%	0.04%	0.09%	0.02%	0.45%	0.00%	0.00%	0.00%	0.00%	1.38%
Total	**100.00%**	**1.46%**	**51.74%**	**7.57%**	**15.20%**	**7.85%**	**3.12%**	**2.41%**	**10.63%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**100.00%**

National Grid Rhode Island

Calculation of RSUM Allocation Factor

Ia. Normalized Sales (dth) Cycle Billed

Month	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High	Total
Jan-13	72,952	2,903,800	531,848	722,087	266,830	70,557	0	0	4,568,074
Feb-13	72,634	3,098,884	408,008	735,938	285,436	66,779	0	0	4,667,679
Mar-13	69,430	2,793,568	436,180	709,225	293,660	71,095	0	0	4,373,157
Apr-13	57,217	1,915,800	266,910	478,927	228,657	57,479	0	0	3,004,989
May-13	40,659	1,045,334	137,636	300,509	85,090	45,375	0	0	1,654,604
Jun-13	31,331	591,976	72,392	195,818	48,497	35,090	0	0	975,105
Jul-13	27,064	432,796	62,755	139,302	32,351	37,985	0	0	732,252
Aug-13	22,829	368,295	47,342	108,371	16,572	30,130	0	0	593,540
Sep-13	24,501	382,946	44,993	126,195	27,349	34,428	0	0	640,412
Oct-13	27,997	474,506	62,267	168,998	46,818	34,861	0	0	815,447
Nov-13	38,373	1,056,475	129,748	307,381	107,797	45,852	0	0	1,685,626
Dec-13	56,818	2,032,121	277,618	471,465	197,919	57,070	0	0	3,093,011
	541,805	17,096,499	2,477,696	4,464,217	1,636,977	586,701			26,803,895
	541,805	17,096,499	2,477,696	4,464,217	1,636,977	586,701			26,803,895

IIa. Normalized Sales per Billing Day

Month	Billing Days	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total
Jan-13	31	2,353	93,671	17,156	23,293	8,607	2,276	0	0	0	0	0	0	147,357
Feb-13	28	2,594	110,674	14,572	26,283	10,194	2,385	0	0	0	0	0	0	166,703
Mar-13	31	2,240	90,115	14,070	22,878	9,473	2,293	0	0	0	0	0	0	141,070
Apr-13	30	1,907	63,860	8,897	15,964	7,622	1,916	0	0	0	0	0	0	100,166
May-13	31	1,312	33,720	4,440	9,694	2,745	1,464	0	0	0	0	0	0	53,374
Jun-13	30	1,044	19,733	2,413	6,527	1,617	1,170	0	0	0	0	0	0	32,503
Jul-13	31	873	13,961	2,024	4,494	1,044	1,225	0	0	0	0	0	0	23,621
Aug-13	31	736	11,880	1,527	3,496	535	972	0	0	0	0	0	0	19,146
Sep-13	30	817	12,765	1,500	4,207	912	1,148	0	0	0	0	0	0	21,347
Oct-13	31	903	15,307	2,009	5,452	1,510	1,125	0	0	0	0	0	0	26,305
Nov-13	30	1,279	35,216	4,325	10,246	3,593	1,528	0	0	0	0	0	0	56,188
Dec-13	31	1,833	65,552	8,955	15,209	6,384	1,841	0	0	0	0	0	0	99,775

Calculation of RSUM Allocation Factor

Ib. Normalized Sales (dth) Monthly Billed

Month	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High	Total	
Jan-13	0	0	0	113,515	169,682	73,273	0	0	356,470	
Feb-13	0	0	0	112,833	171,513	71,528	0	0	355,874	
Mar-13	0	0	0	86,257	132,391	67,068	0	0	285,716	
Apr-13	0	0	0	67,618	78,392	55,103	0	0	201,113	
May-13	0	0	0	47,599	43,308	52,493	0	0	143,400	
Jun-13	0	0	0	40,403	16,193	46,178	0	0	102,773	
Jul-13	0	0	0	25,933	14,577	35,806	0	0	76,315	
Aug-13	0	0	0	27,292	16,038	39,060	0	0	82,391	
Sep-13	0	0	0	35,930	20,786	44,603	0	0	101,320	
Oct-13	0	0	0	50,848	46,259	46,237	0	0	143,343	
Nov-13	0	0	0	74,005	94,754	51,597	0	0	220,356	
Dec-13	0	0	0	98,551	149,009	63,255	0	0	310,816	
				780,785	952,904	646,199			2,379,887	29,183,783
				780,785	952,904	646,199			2,379,887	29,183,783

IIb. Normalized Sales per Billing Day

Month	Billing Days	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total
Jan-13	31	0	0	0	3,662	5,474	2,364	0	0	0	0	0	0	11,499
Feb-13	28	0	0	0	4,030	6,125	2,555	0	0	0	0	0	0	12,710
Mar-13	31	0	0	0	2,782	4,271	2,163	0	0	0	0	0	0	9,217
Apr-13	30	0	0	0	2,254	2,613	1,837	0	0	0	0	0	0	6,704
May-13	31	0	0	0	1,535	1,397	1,693	0	0	0	0	0	0	4,626
Jun-13	30	0	0	0	1,347	540	1,539	0	0	0	0	0	0	3,426
Jul-13	31	0	0	0	837	470	1,155	0	0	0	0	0	0	2,462
Aug-13	31	0	0	0	880	517	1,260	0	0	0	0	0	0	2,658
Sep-13	30	0	0	0	1,198	693	1,487	0	0	0	0	0	0	3,377
Oct-13	31	0	0	0	1,640	1,492	1,492	0	0	0	0	0	0	4,624
Nov-13	30	0	0	0	2,467	3,158	1,720	0	0	0	0	0	0	7,345
Dec-13	31	0	0	0	3,179	4,807	2,040	0	0	0	0	0	0	10,026

Calculation of RSUM Allocation Factor

IIc. Combined Normalized Sales per Billing Day

Month	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total	Rank
Jan-13	2,353	93,671	17,156	26,955	14,081	4,640	0	0	0	0	0	0	158,856	2
Feb-13	2,594	110,674	14,572	30,313	16,320	4,940	0	0	0	0	0	0	179,413	1
Mar-13	2,240	90,115	14,070	25,661	13,744	4,457	0	0	0	0	0	0	150,286	3
Apr-13	1,907	63,860	8,897	18,218	10,235	3,753	0	0	0	0	0	0	106,870	5
May-13	1,312	33,720	4,440	11,229	4,142	3,157	0	0	0	0	0	0	58,000	7
Jun-13	1,044	19,733	2,413	7,874	2,156	2,709	0	0	0	0	0	0	35,929	8
Jul-13	873	13,961	2,024	5,330	1,514	2,380	0	0	0	0	0	0	26,083	10
Aug-13	736	11,880	1,527	4,376	1,052	2,232	0	0	0	0	0	0	21,804	12
Sep-13	817	12,765	1,500	5,404	1,605	2,634	0	0	0	0	0	0	24,724	11
Oct-13	903	15,307	2,009	7,092	3,002	2,616	0	0	0	0	0	0	30,929	9
Nov-13	1,279	35,216	4,325	12,713	6,752	3,248	0	0	0	0	0	0	63,533	6
Dec-13	1,833	65,552	8,955	18,388	11,191	3,881	0	0	0	0	0	0	109,801	4

III. Percentage of Sales per Billing Day by Month

Month	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total
Jan-13	1.48%	58.97%	10.80%	16.97%	8.86%	2.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Feb-13	1.45%	61.69%	8.12%	16.90%	9.10%	2.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mar-13	1.49%	59.96%	9.36%	17.07%	9.14%	2.97%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Apr-13	1.78%	59.75%	8.33%	17.05%	9.58%	3.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
May-13	2.26%	58.14%	7.65%	19.36%	7.14%	5.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Jun-13	2.91%	54.92%	6.72%	21.92%	6.00%	7.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Jul-13	3.35%	53.53%	7.76%	20.44%	5.80%	9.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Aug-13	3.38%	54.49%	7.00%	20.07%	4.82%	10.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Sep-13	3.30%	51.63%	6.07%	21.86%	6.49%	10.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Oct-13	2.92%	49.49%	6.49%	22.93%	9.71%	8.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Nov-13	2.01%	55.43%	6.81%	20.01%	10.63%	5.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Dec-13	1.67%	59.70%	8.16%	16.75%	10.19%	3.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

Calculation of RSUM Allocation Factor

IV. Sort

Month	Sales/ Billing Day	% of Topline	Increment	Feb-13	Jan-13	Mar-13	Dec-13	Apr-13	Nov-13	May-13	Jun-13	Oct-13	Jul-13	Sep-13	Aug-13
Feb-13	179,413	100.00%	11.46%	11.46%											
Jan-13	158,856	88.54%	4.78%	2.39%	2.39%										
Mar-13	150,286	83.77%	22.57%	7.52%	7.52%	7.52%									
Dec-13	109,801	61.20%	1.63%	0.41%	0.41%	0.41%	0.41%								
Apr-13	106,870	59.57%	24.16%	4.83%	4.83%	4.83%	4.83%	4.83%							
Nov-13	63,533	35.41%	3.08%	0.51%	0.51%	0.51%	0.51%	0.51%	0.51%						
May-13	58,000	32.33%	12.30%	1.76%	1.76%	1.76%	1.76%	1.76%	1.76%	1.76%					
Jun-13	35,929	20.03%	2.79%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%				
Oct-13	30,929	17.24%	2.70%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%			
Jul-13	26,083	14.54%	0.76%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%		
Sep-13	24,724	13.78%	1.63%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	0.15%	
Aug-13	21,804	12.15%	12.15%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%
			100.00%	**30.76%**	**19.31%**	**16.92%**	**9.40%**	**8.99%**	**4.16%**	**3.64%**	**1.88%**	**1.54%**	**1.24%**	**1.16%**	**1.01%**

V. RSUM

Month	Total %	RNH	RH	Small	Medium	Large Low	Large High	XL Low	XL High					Total
Feb-13	30.76%	0.44%	18.98%	2.50%	5.20%	2.80%	0.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.76%
Jan-13	19.31%	0.29%	11.38%	2.09%	3.28%	1.71%	0.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19.31%
Mar-13	16.92%	0.25%	10.14%	1.58%	2.89%	1.55%	0.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.92%
Dec-13	9.40%	0.16%	5.61%	0.77%	1.57%	0.96%	0.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.40%
Apr-13	8.99%	0.16%	5.37%	0.75%	1.53%	0.86%	0.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.99%
Nov-13	4.16%	0.08%	2.30%	0.28%	0.83%	0.44%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.16%
May-13	3.64%	0.08%	2.12%	0.28%	0.71%	0.26%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.64%
Jun-13	1.88%	0.05%	1.04%	0.13%	0.41%	0.11%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.88%
Oct-13	1.54%	0.04%	0.76%	0.10%	0.35%	0.15%	0.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.54%
Jul-13	1.24%	0.04%	0.66%	0.10%	0.25%	0.07%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.24%
Sep-13	1.16%	0.04%	0.60%	0.07%	0.25%	0.08%	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.16%
Aug-13	1.01%	0.03%	0.55%	0.07%	0.20%	0.05%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.01%
Total	**100.00%**	**1.68%**	**59.51%**	**8.71%**	**17.48%**	**9.04%**	**3.58%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**100.00%**

National Grid Rhode Island

Volumes

	Jan-14	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total	Peak	Off Peak
	1	2	3	4	5	6	7	8	9	10	11	12			
Normal Volumes	1	2	3	4	5	6	7	8	9	10	11	12			
SALES (dth)															
Residential non-heat (1012)	70,643	69,879	66,671	55,152	39,182	30,585	26,434	22,323	23,963	27,364	37,232	54,832	524,261	354,409	169,852
Residential non-heat Low Inc (1101)	2,309	2,755	2,759	2,065	1,477	746	630	506	538	632	1,141	1,986	17,544	13,015	4,529
Residential heat (1247)	2,630,889	2,799,325	2,498,479	1,701,931	918,811	512,659	375,274	323,302	335,402	418,272	938,570	1,818,364	15,271,279	12,387,558	2,883,721
Residential heat Low Inc (1301)	272,911	299,558	295,089	213,869	126,523	79,317	57,522	44,993	47,544	56,234	117,905	213,757	1,825,220	1,413,089	412,132
C & I small (2107)	531,848	408,008	436,180	266,910	137,636	72,392	62,755	47,342	44,993	62,267	129,748	277,618	2,477,696	2,050,311	427,385
C & I medium sales (2237+2231)	528,578	535,943	510,506	341,194	211,663	132,471	104,277	71,678	87,799	111,308	216,813	312,514	3,164,742	2,445,547	719,195
LLF large sales (3367)	132,336	125,827	134,166	113,897	28,905	20,976	10,225	5,779	11,792	17,579	44,419	78,353	724,254	628,998	95,256
HLF large sales (2367)	37,177	34,343	35,765	27,614	22,511	14,916	13,963	12,716	16,142	15,155	20,801	23,584	274,687	179,283	95,404
LLF XL sales (3496)	5,142	5,088	6,364	4,197	3,096	2,609	1,232	464	497	3,003	3,141	3,767	38,599	27,698	10,901
HLF XL sales (2496)	27,821	19,805	17,929	14,995	10,663	13,904	13,698	11,541	11,550	9,403	12,128	20,349	183,786	113,027	70,759
Total Sales	4,239,653	4,300,532	4,003,907	2,741,822	1,500,466	880,576	666,009	540,644	580,220	721,218	1,521,898	2,805,123	24,502,068	19,612,935	4,889,133
FT-2 TRANSPORTATION															
C & I medium FT-2 (2221)	193,509	199,995	198,719	137,733	88,847	63,347	35,025	36,693	38,397	57,690	90,568	158,951	1,299,475	979,476	319,999
LLF large FT-2 (3321)	134,494	159,609	159,494	114,760	56,185	27,521	22,126	10,793	15,557	29,239	63,378	119,566	912,723	751,301	161,421
HLF large FT-2 (2321)	33,380	32,436	35,330	29,865	22,864	20,174	24,021	17,414	18,286	19,706	25,051	33,486	312,015	189,549	122,466
LLF XL FT-2 (3421)	12,439	18,022	15,833	12,631	7,533	2,813	2,727	1,734	2,516	5,637	6,446	15,322	103,651	80,692	22,959
HLF XL FT-2 (2421)	20,637	22,094	19,662	19,067	18,803	17,630	14,050	15,332	15,475	14,783	16,673	23,099	217,304	121,231	96,073
Total Transportation	394,459	432,156	429,038	314,056	194,232	131,485	97,949	81,966	90,230	127,056	202,116	350,425	2,845,168	2,122,249	722,919
Sales & FT-2 THROUGHPUT															
Residential Non-Heating	72,952	72,634	69,430	57,217	40,659	31,331	27,064	22,829	24,501	27,997	38,373	56,818	541,805	367,424	174,381
Residential Heating	2,903,800	3,098,884	2,793,568	1,915,800	1,045,334	591,976	432,796	368,295	382,946	474,506	1,056,475	2,032,121	17,096,499	13,800,647	3,295,852
Small C&I	531,848	408,008	436,180	266,910	137,636	72,392	62,755	47,342	44,993	62,267	129,748	277,618	2,477,696	2,050,311	427,385
Medium C&I	722,087	735,938	709,225	478,927	300,509	195,818	139,302	108,371	126,195	168,998	307,381	471,465	4,464,217	3,425,023	1,039,194
Large LLF	266,830	285,436	293,660	228,657	85,090	48,497	32,351	16,572	27,349	46,818	107,797	197,919	1,636,977	1,380,299	256,678
Large HLF	70,557	66,779	71,095	57,479	45,375	35,090	37,985	30,130	34,428	34,861	45,852	57,070	586,701	368,832	217,870
Extra Large LLF	17,580	23,109	22,197	16,828	10,629	5,422	3,959	2,198	3,013	8,640	9,587	19,089	142,251	108,390	33,861
Extra Large HLF	48,458	41,899	37,590	34,061	29,466	31,535	27,748	26,873	27,025	24,186	28,801	43,448	401,091	234,258	166,833
Total Throughput	4,634,112	4,732,688	4,432,945	3,055,878	1,694,699	1,012,061	763,958	622,611	670,450	848,274	1,724,014	3,155,548	27,347,237	21,735,184	5,612,053
FT-1 TRANSPORTATION															
C & I medium FT-1 (22EN)	113,515	112,833	86,257	67,618	47,599	40,403	25,933	27,292	35,930	50,848	74,005	98,551	780,785	552,779	228,006
LLF large FT-1 (33EN)	169,682	171,513	132,391	78,392	43,308	16,193	14,577	16,038	20,786	46,259	94,754	149,009	952,904	795,742	157,162
HLF large FT-1 (23EN)	73,273	71,528	67,068	55,103	52,493	46,178	35,806	39,060	44,603	46,237	51,597	63,255	646,199	381,823	264,375
LLF XL FT-1 (34EN)	93,958	114,763	87,159	61,209	38,731	14,797	10,913	12,550	16,137	33,493	80,575	125,019	689,302	562,681	126,620
HLF XL FT-1 (24EN)	430,032	390,592	364,552	330,639	280,065	318,225	283,570	305,474	297,567	300,123	329,918	373,529	4,004,285	2,219,262	1,785,023
Total Transportation	880,460	861,229	737,426	592,961	462,196	435,795	370,799	400,415	415,023	476,959	630,849	809,363	7,073,474	4,512,288	2,561,186
Total THROUGHPUT															
Residential Non-Heating	72,952	72,634	69,430	57,217	40,659	31,331	27,064	22,829	24,501	27,997	38,373	56,818	541,805	367,424	174,381
Residential Heating	2,903,800	3,098,884	2,793,568	1,915,800	1,045,334	591,976	432,796	368,295	382,946	474,506	1,056,475	2,032,121	17,096,499	13,800,647	3,295,852
Small C&I	531,848	408,008	436,180	266,910	137,636	72,392	62,755	47,342	44,993	62,267	129,748	277,618	2,477,696	2,050,311	427,385
Medium C&I	835,601	848,771	795,482	546,545	348,109	236,221	165,235	135,663	162,126	219,846	381,386	570,017	5,245,002	3,977,802	1,267,200
Large LLF	436,512	456,949	426,051	307,049	128,399	64,690	46,928	32,610	48,135	93,077	202,551	346,928	2,589,881	2,176,041	413,839
Large HLF	143,831	138,307	138,162	112,582	97,868	81,268	73,790	69,191	79,031	81,098	97,448	120,325	1,232,900	750,655	482,245
Extra Large LLF	111,538	137,873	109,356	78,036	49,360	20,219	14,872	14,748	19,150	42,133	90,162	144,107	831,553	671,071	160,481
Extra Large HLF	478,490	432,491	402,142	364,701	309,531	349,759	311,318	332,347	324,592	324,309	358,719	416,977	4,405,375	2,453,520	1,951,855
Total Throughput	5,514,571	5,593,917	5,170,371	3,648,839	2,156,894	1,447,856	1,134,757	1,023,025	1,085,473	1,325,232	2,354,863	3,964,911	34,420,710	26,247,472	8,173,239

National Grid Rhode Island

Number of Customers by month

	Jan-14	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	12 month average
Residential non-heat (1012)	24,707	25,545	25,424	25,252	25,096	24,999	24,923	24,921	24,916	24,906	24,880	24,831	25,034
Residential non-heat Low Inc (1101)	319	330	328	326	324	323	322	322	322	322	321	321	323
Residential heat (1247)	183,742	182,298	182,415	181,579	180,528	179,377	178,750	178,347	178,635	179,934	181,777	183,085	180,872
Residential heat Low Inc (1301)	21,605	21,435	21,449	21,351	21,227	21,092	21,018	20,971	21,004	21,157	21,374	21,528	21,268
C & I small (2107)	18,709	18,731	18,585	18,454	18,264	18,077	17,952	17,884	17,992	18,205	18,450	18,636	18,328
C & I medium sales (2237+2231)	2,832	2,835	2,834	2,833	2,832	2,832	2,831	2,831	2,832	2,832	2,833	2,832	2,832
C & I medium FT-1 (22EN)	431	430	430	430	430	430	430	430	430	431	431	431	430
C & I medium FT-2 (2221)	1,034	1,027	1,027	1,028	1,029	1,029	1,030	1,030	1,030	1,032	1,032	1,033	1,030
LLF large sales (3367)	126	126	126	126	126	126	126	126	126	126	126	127	126
LLF large FT-1 (33EN)	150	149	149	149	149	149	149	149	149	149	150	150	149
LLF large FT-2 (3321)	135	134	134	134	134	134	134	134	134	135	135	135	134
LLF XL sales (3496)	2	2	2	2	2	2	2	2	2	2	2	2	2
LLF XL FT-1 (34EN)	24	24	24	24	24	24	24	24	24	24	24	24	24
LLF XL FT-2 (3421)	5	5	5	5	5	5	5	5	5	5	5	5	5
HLF large sales (2367)	47	46	46	46	45	45	45	45	45	46	47	47	46
HLF large FT-1 (23EN)	69	69	69	69	69	69	69	69	69	69	69	69	69
HLF large FT-2 (2321)	44	44	44	44	44	44	44	44	44	44	44	44	44
HLF XL sales (2496)	6	6	6	6	6	6	6	6	6	6	6	6	6
HLF XL FT-1 (24EN)	50	50	50	50	50	50	50	50	50	50	50	50	50
HLF XL FT-2 (2421)	8	8	8	8	8	8	8	8	8	8	8	8	8
Total customers	254,045	253,294	253,155	251,916	250,392	248,821	247,918	247,398	247,823	249,483	251,764	253,364	250,781

National Grid Rhode Island

Number of Customers

Rate Class	Average Number of Customers
Residential non-heat	25,034
Residential non-heat (Low Income)	323
Residential heat	180,872
Residential heat (Low Income)	21,268
C & I small	18,328
C & I medium sales	2,832
C & I medium FT-1	430
C & I medium FT-2	1,030
LLF large sales	126
LLF large FT-1	149
LLF large FT-2	134
LLF XL sales	2
LLF XL FT-1	24
LLF XL FT-2	5
HLF large sales	46
HLF large FT-1	69
HLF large FT-2	44
HLF XL sales	6
HLF XL FT-1	50
HLF XL FT-2	8
Total customers	250,781
	250,781

Grouped Rate Class

	Grouped Rate Class	Total Number of Customers	Sales Customers	Number of Firm Transport Customers
1	Residential Non-Heating	25,034	25,034	0
2	Residential non-heat (LI)	323	323	0
3	Residential Heating	180,872	180,872	0
4	Residential heat (Low Income)	21,268	21,268	0
5	Small Commercial General	18,328	18,328	0
6	Medium Commerical General	4,293	2,832	1,460
7	Large Low Load Factor	410	126	284
8	Large High Load Factor	159	46	113
9	Extra Large Low Load Factor	31	2	29
10	Extra Large High Load Factor	64	6	58
			-	
	Total customers	250,781	248,837	1,944

National Grid Rhode Island

Winter Design Allocator

	Number of Customers					Base Load (dth)					Heat Load (dth)				
Rate Class	November	December	January	February	March	November	December	January	February	March	November	December	January	February	March
Residential non-heat	24,880	24,831	24,707	25,545	25,424	22,721	22,677	22,563	23,329	23,218	19,835	44,673	46,628	51,985	48,364
Residential non-heat (Low Income)	321	321	319	330	328	493	492	490	506	504	923	2,078	2,169	2,418	2,250
Residential heat	181,777	183,085	183,742	182,298	182,415	203,488	204,952	205,688	204,071	204,202	1,033,272	2,348,449	2,472,384	2,645,012	2,474,111
Residential heat (Low Income)	21,374	21,528	21,605	21,435	21,449	40,508	40,799	40,945	40,624	40,650	107,814	245,042	257,974	275,986	258,154
C & I small	18,450	18,636	18,709	18,731	18,585	21,663	21,881	21,967	21,993	21,821	178,071	405,884	427,445	461,454	427,999
C & I medium sales	2,833	2,832	2,832	2,835	2,834	66,154	66,130	66,130	66,200	66,177	191,055	430,981	452,103	488,018	456,032
C & I medium FT-1	431	431	431	430	430	29,595	29,595	29,595	29,526	29,526	34,359	77,534	81,334	87,499	81,792
C & I medium FT-2	1,032	1,033	1,034	1,027	1,027	34,076	34,109	34,142	33,911	33,911	71,909	162,426	170,552	182,660	170,749
LLF large sales	126	127	126	126	126	3,244	3,270	3,244	3,244	3,244	55,285	125,745	130,869	141,116	131,914
LLF large FT-1	150	150	150	149	149	10,411	10,411	10,411	10,342	10,342	67,294	151,856	159,298	170,626	159,499
LLF large FT-2	135	135	135	134	134	11,751	11,751	11,751	11,664	11,664	62,595	141,250	148,173	158,591	148,248
LLF XL sales	2	2	2	2	2	1,288	1,288	1,288	1,288	1,288	1,860	4,198	4,404	4,749	4,439
LLF XL FT-1	24	24	24	24	24	12,462	12,462	12,462	12,462	12,462	43,639	98,475	103,301	111,389	104,125
LLF XL FT-2	5	5	5	5	5	2,218	2,218	2,218	2,218	2,218	6,207	14,006	14,693	15,843	14,810
HLF large sales	47	47	47	46	46	13,723	13,723	13,723	13,431	13,431	9,277	20,934	21,960	23,175	21,664
HLF large FT-1	69	69	69	69	69	40,344	40,344	40,344	40,344	40,344	12,848	28,993	30,414	32,796	30,657
HLF large FT-2	44	44	44	44	44	18,855	18,855	18,855	18,855	18,855	6,796	15,335	16,087	17,347	16,215
	251,700	253,300	253,981	253,230	253,091										
	251,700	253,300	253,981	253,230	253,091										

	Winter Design (dth)					
Rate Class	November	December	January	February	March	Total
Residential non-heat	19,835	44,673	46,628	51,985	48,364	211,486
Residential non-heat (Low Income)	923	2,078	2,169	2,418	2,250	9,839
Residential heat	1,033,272	2,348,449	2,472,384	2,645,012	2,474,111	10,973,228
Residential heat (Low Income)	107,814	245,042	257,974	275,986	258,154	1,144,969
C & I small	178,071	405,884	427,445	461,454	427,999	1,900,854
C & I medium	262,964	593,407	622,655	670,679	626,780	2,776,485
LLF Large	117,879	266,995	279,042	299,707	280,162	1,243,786
HLF Large	16,073	36,269	38,047	40,522	37,879	168,790
LLF XL	8,067	18,205	19,097	20,592	19,249	85,211
HLF XL	2,195	16,842	21,852	15,293	10,985	67,169
Total	1,747,095	3,977,846	4,187,293	4,483,648	4,185,933	18,581,815

	Base Use per cust/day	Heat Use per cust/DD
Residential non-heat	0.0302	0.0018
Residential non-heat L	0.0508	0.0065
Residential heat	0.0371	0.0129
Residential heat LI	0.0628	0.0114
C & I small	0.0389	0.0218
C & I medium sales	0.7732	0.1525
C & I medium FT-1	2.2737	0.1803
C & I medium FT-2	1.0934	0.1576
LLF large sales	0.8526	0.9924
LLF large FT-1	2.2982	1.0147
LLF large FT-2	2.8824	1.0487
LLF XL sales	21.3241	2.1039
LLF XL FT-1	17.1934	4.1124
LLF XL FT-2	14.6905	2.8076
HLF large sales	9.6684	0.4464
HLF large FT-1	19.3606	0.4211
HLF large FT-2	14.1894	0.3493
	106.8196	

National Grid - RI Gas
Design Billing Degree Days
Calendar 2007

Month		# Days	Billing Avg DDays	Calendar
Jan-11	Design	31	1,047	1,195
Feb-11	Design	29	1,129	1,030
Mar-11	Design	31	1,055	912
Apr-11	Design	30	768	546
May-11	Design	29	353	217
Jun-11	Design	32	175	35
Jul-11	Design	31	19	5
Aug-11	Design	30	3	10
Sep-11	Design	32	31	88
Oct-11	Design	30	165	370
Nov-11	Design	29	442	716
Dec-11	Design	33	998	1,044
Total		366	6,184	6,168
Nov-Mar	Avg Days	30		

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues**													
3														
4														
5		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb 13-Jan14
6														
7	Residential non-heat	$536,996	$522,856	$474,726	$408,825	$373,221	$355,736	$339,154	$345,709	$359,316	$398,806	$469,233	$531,693	$5,116,271
8														
9	Residential non-heat Low Income	$12,958	$12,957	$10,422	$8,272	$5,609	$5,179	$4,729	$4,847	$5,186	$7,026	$10,088	$11,242	$98,515
10														
11	Residential heat	$11,806,065	$10,925,273	$8,436,138	$5,509,548	$3,939,588	$3,510,153	$3,329,330	$3,379,033	$3,670,715	$5,425,373	$8,774,301	$11,351,959	$80,057,476
12														
13	Residential heat Low Income	$1,187,245	$1,173,858	$943,455	$628,014	$470,075	$412,703	$377,147	$384,530	$411,262	$592,859	$941,666	$1,117,926	$8,640,740
14														
15	Small	$1,680,513	$1,730,440	$1,283,289	$811,373	$531,330	$499,580	$462,954	$460,944	$506,917	$763,234	$1,297,295	$1,952,617	$11,980,486
16														
17	Medium	$1,250,158	$1,210,463	$936,474	$728,933	$603,321	$552,767	$499,250	$527,324	$557,835	$741,771	$901,271	$1,238,175	$9,747,742
18														
19	Medium FT-1	$253,485	$206,987	$183,669	$148,787	$136,953	$114,164	$115,878	$128,862	$157,753	$192,644	$232,464	$254,156	$2,125,802
20														
21	Medium FT-2	$471,717	$475,208	$374,915	$297,154	$254,954	$213,616	$210,726	$219,265	$248,657	$299,744	$413,355	$462,156	$3,941,467
22														
23	LLF large	$266,815	$288,550	$250,198	$101,498	$108,679	$87,741	$80,543	$81,630	$94,325	$148,944	$199,980	$281,458	$1,990,361
24														
25	LLF large FT-1	$374,241	$311,802	$224,005	$164,579	$122,698	$118,458	$121,027	$131,083	$172,038	$249,649	$342,612	$374,078	$2,706,270
26														
27	LLF large FT-2	$338,302	$337,250	$263,134	$170,169	$121,202	$115,058	$92,700	$99,419	$124,825	$184,816	$277,777	$297,579	$2,422,231
28														
29	LLF XL	$3,894	$5,101	$4,346	$3,201	$3,032	$3,428	$3,217	$2,797	$4,046	$4,491	$4,774	$4,675	$47,002
30														
31	LLF XL FT-1	$118,350	$83,846	$114,797	$86,984	$78,655	$77,304	$76,419	$76,322	$84,037	$98,308	$117,672	$110,368	$1,123,062
32														
33	LLF XL FT-2	$14,004	$13,242	$12,128	$10,354	$8,711	$8,681	$12,490	$9,116	$1,024	$9,051	$12,283	$12,061	$123,145
34														
35	HLF large	$57,617	$57,826	$47,686	$41,929	$33,396	$35,275	$37,037	$41,474	$39,413	$45,166	$45,891	$57,941	$540,651
36														
37	HLF large FT-1	$107,227	$103,239	$92,543	$90,619	$84,564	$75,291	$78,201	$84,450	$84,262	$90,238	$98,763	$109,197	$1,098,594
38														
39	HLF large FT-2	$53,120	$55,779	$54,558	$46,820	$43,299	$48,346	$42,763	$42,241	$44,845	$46,622	$54,482	$54,323	$587,198
40														
41	HLF XL	$17,323	$16,820	$16,034	$14,873	$15,741	$15,686	$13,831	$15,995	$13,619	$18,186	$17,694	$32,873	$208,675
42														
43	HLF XL FT-1	$338,697	$331,718	$319,259	$302,440	$322,445	$308,268	$314,138	$318,016	$314,719	$319,494	$351,516	$349,267	$3,889,977
44														
45	HLF XL FT-2	$20,424	$19,772	$21,342	$19,877	$19,563	$18,603	$21,020	$19,141	$18,956	$20,472	$21,376	$20,034	$240,580
46														
47	Total	$18,909,151	$17,882,987	$14,063,118	$9,594,249	$7,277,036	$6,576,037	$6,232,554	$6,372,198	$6,913,750	$9,656,894	$14,584,493	$18,623,778	$136,686,245
48														**$136,686,245**

National Grid
Rhode Island-Gas

Dth forecast Apr 12-Mar 13	2012 Apr	2012 May	2012 Jun	2012 Jul	2012 Aug	2012 Sep	2012 Oct	2012 Nov	2012 Dec	2013 Jan	2013 Feb	2013 Mar		
Res-NH	52,923	43,928	35,764	31,804	28,744	28,529	35,143	43,872	55,016	70,793	70,025	60,333	**556,875**	
Res-H	1,705,118	1,081,596	473,491	422,847	362,367	345,116	409,966	1,048,113	2,257,226	3,484,287	3,376,822	2,522,916	**17,489,866**	
Small	252,624	122,097	47,631	42,215	34,539	49,263	80,487	159,563	309,768	489,386	476,924	407,005	**2,471,503**	
Medium	419,224	242,713	106,073	128,600	80,627	134,162	213,395	409,388	679,795	1,033,598	1,012,973	811,462	**5,272,010**	
Large LL	314,997	114,375	61,134	20,052	18,233	33,280	93,118	224,371	373,602	509,479	460,255	420,784	**2,643,679**	
Large HL	98,188	81,895	79,126	64,933	69,886	57,216	94,147	98,647	96,577	163,425	133,004	135,973	**1,173,015**	
XL-LL	80,652	32,713	23,350	12,130	8,024	16,500	37,324	85,765	142,997	170,919	149,097	131,527	**890,996**	
XL-HL	368,850	295,000	333,842	287,863	272,233	282,236	364,779	365,882	383,393	519,032	412,349	433,528	**4,318,987**	
													34,816,931	
	3,292,576	2,014,317	1,160,410	1,010,444	874,655	946,302	1,328,358	2,435,601	4,298,374	6,440,918	6,091,449	4,923,527		**34,816,931**

ISR Factors

	2012 Apr	2012 May	2012 Jun	2012 Jul	2012 Aug	2012 Sep	2012 Oct	2012 Nov	2012 Dec	2013 Jan	2013 Feb	2013 Mar
Res-NH	0.679	0.679	0.679	0.679	0.679	0.679	0.679	0.679	0.679	0.679	0.679	0.679
Res-H	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269
Small	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247
Medium	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176
Large LL	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166
Large HL	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119
XL-LL	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071
XL-HL	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047

ISR Collections

Adjust ISR fr Rev Reqt **$6,924,425**

	2012 Apr	2012 May	2012 Jun	2012 Jul	2012 Aug	2012 Sep	2012 Oct	2012 Nov	2012 Dec	2013 Jan	2013 Feb	2013 Mar	2013 Total	Adj Total
Res-NH	$35,935	$29,827	$24,284	$21,595	$19,517	$19,372	$23,862	$29,789	$37,356	$48,068	$47,547	$40,966	$378,118	**$350,694**
Res-H	$458,677	$290,949	$127,369	$113,746	$97,477	$92,836	$110,281	$281,942	$607,194	$937,273	$908,365	$678,664	$4,704,774	**$4,363,542**
Small	$62,398	$30,158	$11,765	$10,427	$8,531	$12,168	$19,880	$39,412	$76,513	$120,878	$117,800	$100,530	$610,461	**$566,185**
Medium	$73,783	$42,718	$18,669	$22,634	$14,190	$23,612	$37,557	$72,052	$119,644	$181,913	$178,283	$142,817	$927,874	**$860,576**
Large LL	$52,289	$18,986	$10,148	$3,329	$3,027	$5,525	$15,458	$37,246	$62,018	$84,574	$76,402	$69,850	$438,851	**$407,021**
Large HL	$11,684	$9,746	$9,416	$7,727	$8,316	$6,809	$11,203	$11,739	$11,493	$19,448	$15,827	$16,181	$139,589	**$129,465**
XL-LL	$5,726	$2,323	$1,658	$861	$570	$1,171	$2,650	$6,089	$10,153	$12,135	$10,586	$9,338	$63,261	**$58,672**
XL-HL	$17,336	$13,865	$15,691	$13,530	$12,795	$13,265	$17,145	$17,196	$18,019	$24,394	$19,380	$20,376	$202,992	**$188,270**
Total	$717,829	$438,571	$218,999	$193,848	$164,424	$174,758	$238,036	$495,466	$942,389	$1,428,684	$1,374,192	$1,078,723	$7,465,920	**$6,924,425**

Witness: Normand
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National Grid
Rhode Island-Gas

RDA Throughput

	2013 Feb	2013 Mar	2013 Apr	2013 May	2013 Jun	2013 Jul	2013 Aug	2013 Sep	2013 Oct	2013 Nov	2013 Dec	2014 Jan	Total
Res-NH	72,634	69,430	57,217	40,659	31,331	27,064	22,829	24,501	27,997	38,373	56,818	72,952	**541,805**
Res-H	3,098,884	2,793,568	1,915,800	1,045,334	591,976	432,796	368,295	382,946	474,506	1,056,475	2,032,121	2,903,800	**17,096,499**
Small	408,008	436,180	266,910	137,636	72,392	62,755	47,342	44,993	62,267	129,748	277,618	531,848	**2,477,696**
Medium	848,771	795,482	546,545	348,109	236,221	165,235	135,663	162,126	219,846	381,386	570,017	835,601	**5,245,002**
Large LL	456,949	426,051	307,049	128,399	64,690	46,928	32,610	48,135	93,077	202,551	346,928	436,512	**2,589,881**
Large HL	138,307	138,162	112,582	97,868	81,268	73,790	69,191	79,031	81,098	97,448	120,325	143,831	**1,232,900**
XL-LL	137,873	109,356	78,036	49,360	20,219	14,872	14,748	19,150	42,133	90,162	144,107	111,538	**831,553**
XL-HL	432,491	402,142	364,701	309,531	349,759	311,318	332,347	324,592	324,309	358,719	416,977	478,490	**4,405,375**
Total	5,593,917	5,170,371	3,648,839	2,156,894	1,447,856	1,134,757	1,023,025	1,085,473	1,325,232	2,354,863	3,964,911	5,514,571	**34,420,710**

RDA Collections

RDA Fact (Dth) ..... $ 0.1533

	2013 Feb	2013 Mar	2013 Apr	2013 May	2013 Jun	2013 Jul	2013 Aug	2013 Sep	2013 Oct	2013 Nov	2013 Dec	2014 Jan	Total
Res-NH	$11,138	$10,646	$8,774	$6,235	$4,804	$4,150	$3,501	$3,757	$4,293	$5,884	$8,712	$11,186	**$83,079**
Res-H	$475,177	$428,361	$293,765	$160,290	$90,772	$66,364	$56,474	$58,720	$72,760	$161,998	$311,602	$445,263	**$2,621,546**
Small	$62,563	$66,883	$40,927	$21,105	$11,101	$9,623	$7,259	$6,899	$9,548	$19,895	$42,569	$81,553	**$379,925**
Medium	$130,149	$121,978	$83,806	$53,378	$36,222	$25,337	$20,802	$24,860	$33,711	$58,481	$87,405	$128,130	**$804,259**
Large LL	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$0**
Large HL	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$0**
XL-LL	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$0**
XL-HL	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$0**
Total	$679,027	$627,868	$427,272	$241,007	$142,899	$105,473	$88,036	$94,236	$120,312	$246,258	$450,289	$666,132	**$3,888,810**

Line	Account	Account No.	Adjusted Pro Forma Labor	Adjusted Pro Forma Non-Labor	Total Labor & Non-Labor
1	*MANUFACTURED GAS PRODUCTION*				
2	Liquefied petroleum gas expenses	717	-	50	50
3	Other process production expenses	718	-	-	-
4	Liquefied petroleum gas	728	-	-	-
5	Miscellaneous production expenses	735	-	14,649	14,649
6	Rents	736	-	-	-
7	Maint Structures&Improvements	741	-	(14,605)	(14,605)
8	Total manufactured gas production		-	94	94
9					
10	OTHER GAS SUPPLY EXPENSES				
11	Natural gas city gate purchases	804	-	237,229,462	237,229,462
12	Other gas purchases	805	-	(57,796,884)	(57,796,884)
13	Gas Delivered to UG Storage	808	-	18,258,908	18,258,908
14	LNG for Processing	809	-	2,731,658	2,731,658
15	Gas Used Other Utility Oper	812	-	(410,797)	(410,797)
16	Other gas supply expenses	813	-	(481,015)	(481,015)
17	Environmental Costs	814	-	-	-
18	Total production expenses		-	199,531,331	199,531,331
19					
20	LOCAL STORAGE EXPENSES				
21	Operation labor and expenses	840	166,163	34,291	200,454
22	LNG Proc Terminal Labor & Exp	844	551,087	480,986	1,032,073
23	LNG Term & Process Exp-Fuel	845	-	(901)	(901)
24	Maint of LNG plant buildings	847	62,734	160,806	223,540
25	Total storage expenses		779,983	675,183	1,455,167
26					
27	TRANSMISSION AND DISTRIBUTION EXPENSES				
28	Operation:				
29	Operation supervision and engineering	850	-	154	154
30	Maintenance of Mains	863	-	13,600	13,600
31	Gas Oper-Dist Supv & Eng	870	126,008	826,004	952,012
32	Gas Oper-Dist-Load Dispatching	871	363,600	203,666	567,266
33	Compressor Station Fuel&Power	873	-	98,412	98,412
34	Mains and services expenses	874	1,751,029	802,740	2,553,769
33	Gas Oper-Station Exp-General	875	538,943	189,788	728,731
34	Gas Oper-Stat Exp-Industrial	876	210,705	34,373	245,079
35	Meter and house regulator expenses	878	2,983,907	397,984	3,381,890
36	Customer installations expenses	879	3,476	(855)	2,621
37	Other expenses	880	3,493,450	1,034,249	4,527,698
38	Transportation expense	882	-	-	-
39	Total operation		9,471,118	3,600,115	13,071,233
40	Maintenance:				
41	Maintenance supervision and engineering	885	712,302	499,707	1,212,009
42	Maintenance of mains	887	3,571,733	2,464,534	6,036,267
43	Maintenance of measuring and regulating station equ	889	206,050	107,388	313,438
44	Gas Maint-Stat Exp-Industrial	890	-	4,669	4,669
45	Gas Maint-Stat Exp-City Gate	891	115,034	19,229	134,264
46	Maintenance of services	892	2,118,997	2,347,540	4,466,537
47	Maintenance of meters and house regulators	893	1,083,685	318,001	1,401,686
48	Maintenance of other equipment	894	49,406	13,245	62,651
49	Total maintenance		7,857,207	5,774,313	13,631,520
50	Total transmission and distribution expenses		17,328,325	9,374,428	26,702,753
51					
52	CUSTOMER ACCOUNTS EXPENSES				
53	Supervision	901	387,385	14,182	401,568
54	Meter reading expenses	902	514,351	139,789	654,140
55	Customer records and collection expenses	903	4,402,344	3,811,009	8,213,353
56	Uncollectible accounts	904	-	5,446,338	5,446,338
57	Cust Acct-Misc Expenses	905	109,239	55,845	165,084
58	Cust Service-Supervision	907	-	12,764	12,764
59	Cust Assistance Expenses	908	392,885	259,262	652,148

Line	Account	Account No.	Adjusted Pro Forma Labor	Adjusted Pro Forma Non-Labor	Total Labor & Non-Labor
60	Info&Instruct Advertising Exp	909	-	9,277	9,277
61	Cust Service-Misc Expenses	910	341,161	70,831	411,991
62	Total customer accounts expenses		6,147,365	9,819,297	15,966,663
63					
64	SALES EXPENSES				
65	Sales Expense-Supervision	911	596	99	695
66	Demonstrating and selling expenses	912	506,915	270,582	777,497
67	Advertising expenses	913	-	4,507	4,507
68	Miscellaneous sales expenses	916	110,840	10,565	121,405
69	Total sales expenses		618,351	285,753	904,104
70			1,125,265	556,335	1,681,601
71	ADMINISTRATIVE AND GENERAL EXPENSES				
72	Administrative and general salaries	920	6,057,883	2,368,386	8,426,269
73	Office supplies and expenses	921	-	5,425,610	5,425,610
74	Outside services employed	923	272	1,829,690	1,829,962
75	Property Insurance	924	41	10,782	10,823
76	Injuries and damages	925	205,374	1,739,109	1,944,483
77	Employees pensions and benefits	926	65,761	14,584,895	14,650,655
78	Franchise Requirements	927	-	(8)	(8)
79	Regulatory commission expenses	928	347,884	1,755,324	2,103,208
80	Duplicate charges - - Credit	929	620	159	779
81	Miscellaneous general expenses	930	322,229	1,745,250	2,067,479
82	Rents	931	3,286	3,313,577	3,316,863
82	Maintenance of general plant	935	25,232	61,851	87,083
83	Donations	426	-	210,956	210,956
84	Total administrative and general expenses		7,028,581	33,045,580	40,074,161
85	Total gas operation and maintenance expenses		31,902,606	252,731,667	284,634,272
				284,634,267	284,634,267
				(5)	(5)
			(420,360,392)		85,102,941

	Rate Yr Plant	Rate Yr Acc Depreciation	Rate Yr Depreciation Expense
RWIP		(6,633,753)	
Reserve Adj		143,742	
CIS	1,240,160	2,390,372	1,819,606
302 Total	213,499	2,690	7,216
303 Total	28,673,625	21,768,850	1,171,064
304 Total	208,196	3,519	7,037
305 Total	1,446,351	3,013,096	48,887
307 Total	45,873	86,677	1,551
311 Total	1,057,412	142,117	35,741
320 Total	313,197	70,668	10,586
360 Total	249,472	13,351	8,432
361 Total	5,122,410	2,040,418	173,137
362 Total	5,486,864	5,347,486	185,456
363 Total	9,543,177	4,462,858	322,559
374 Total	768,799	12,993	25,985
375 Total	8,463,024	6,309,398	286,050
376 Total	352,081,073	101,006,359	11,901,925
377 Total	248,656	678,826	8,405
378 Total	14,063,183	1,777,381	475,336
379 Total	7,311,159	3,728,748	247,117
380 Total	206,086,825	135,941,898	6,965,735
381 Total	55,074,476	28,642,746	1,861,517
382 Total	49,794,015	14,346,000	1,683,038
383 Total	469,616	542,281	15,873
384 Total	614,691	454,005	20,777
385 Total	317,555	301,913	10,733
386 Total	381,896	340,071	12,908
387 Total	486,647	420,673	16,449
389 Total	285,357	(242,057)	9,645
390 Total	3,822,301	(261,348)	129,194
391 Total	8,729,632	6,297,885	295,062
392 Total	2,106,980	978,876	71,216
393 Total	56,255	44,748	1,901
394 Total	2,635,609	529,342	89,084
395 Total	338,874	192,087	11,454
396 Total	-	(3,938)	-
397 Total	2,883,149	2,644,779	97,450
398 Total	2,931,941	1,091,208	99,100
399 Total	-	-	-
Grand Total	773,551,949	338,626,962	28,127,225
Revenue Requirement Num	773,551,949	338,626,962	28,127,225
Variance	(0)	(0)	0
Source	Pg 58 of 65 Col c Line 1	Pg 58 of 65 Col c Line 3	Pg 1 of 64 Col e Line 9
PLUG	379	21	13

National Grid - Rhode Island

Attachment NGRID No 1-29
Summary Late Payment Chrg Allocation
12-31-11

	Customer Class	Amount	Percent
1	Res Non-Htg R 10 & 80	$0	0.00%
2	Res Non-Htg R 11	$0	0.00%
3	Residential Heat Rate 12	$0	0.00%
4	Residential Heat Rate 13	$0	0.00%
5	C&I Sales Small R 21	$34,755,466	31.10%
6	C&I Sales Medium Rate 22	$40,159,235	35.93%
7	C&I Trans Medium Rate 22 FT1	$2,344,432	2.10%
8	C&I Trans Medium Rate 22 FT2	$4,368,501	3.91%
9	C&I Sales Lrg LLF Rate 33	$8,406,578	7.52%
10	C&I Trans Lrg LLF Rate 33 FT1	$3,383,917	3.03%
11	C&I Trans Lrg LLF Rate 33 FT2	$2,557,143	2.29%
12	C&I Sales Lrg HLF Rate 23	$2,956,415	2.65%
13	C&I Trans Lrg HLF Rate 23 FT1	$1,138,684	1.02%
14	C&I Trans Lrg HLF Rate 23 FT2	$618,124	0.55%
15	C&I Sales XLrg LLF R 34	$492,569	0.44%
16	C&I Trans XLrg LLF R 34 FT1	$1,584,830	1.42%
17	C&I Trans XLrg LLF R 34 FT2	$122,427	0.11%
18	C&I Sales XLrg HLF R 24	$2,064,363	1.85%
19	C&I Trans XLrg HLF R 24 FT1	$6,546,204	5.86%
20	C&I Trans XLrg HLF R 24 FT2	$258,447	0.23%
21	Special Contract		
22	Non-Firm Transport		
23	Interruptible		
24	New Customer		
25	New Customer		
26	New Customer		
27	New Customer		
28	New Customer		
29	Total	$111,757,335	100.00%
30	Total Sales	$88,834,626	79.49%
31	Total Transportation	$22,922,709	20.51%

RI Cost of Service Requests
Received: 12/20/11
Due: 01/23/12

All data request items are for the 12 months ended 12/31/11

Information Request NGrid No. 1-28

Request:

The allocation of Customer Deposits at 12/31/11 to the customer classes in needed including the low income, transportation FT-1 and FT-2, special contracts and non-firm customers. Attached is the Customer Deposits PDF file used in the last study.

Response:

The table below contains the RI Gas deposit allocation from Dec 31, 2011.

DEPOSIT	RATE	DESCRIPTION	Allocation	
$100.00	1012	Residential Non-Heating	0.0022%	*Residential Non-Heating*
$10,585.00	1247	Residential Heating	0.2291%	*Residential Heating*
$2,336,284.64	2107	C&I Small	50.5694%	*Small Commercial General*
$214,388.33	2221	FT2 Medium	4.6405%	*Medium Commercial General*
$12,871.00	2231	TSS Medium	0.2786%	*Medium Commercial General*
$1,479,896.68	2237	C&I Medium	32.0327%	*Medium Commercial General*
$88,778.49	22EN	TB:Energy Charge	1.9216%	*Medium Commercial General*
$31,209.03	2321	FT2 Large High	0.6755%	*Large High Load Factor*
$12,650.00	2367	C&I High Load - Large	0.2738%	*Large High Load Factor*
$25,395.00	23EN	TB: Energy Charge	0.5497%	*Large High Load Factor*
$60,000.00	2496	C&I High Load - Extra Large	1.2987%	*Extra Large High Load Factor*
$550.00	24EN	TB:FT-1-Energy Charge	0.0119%	*Extra Large High Load Factor*
$35,500.00	3321	FT2 Large Low	0.7684%	*Large Low Load Factor*
$2,450.00	3331	TSS Large Low Load	0.0530%	*Large Low Load Factor*
$80,244.18	3367	C&I Low Load - Large	1.7369%	*Large Low Load Factor*
$157,613.00	33EN	TB:Energy Charge	3.4116%	*Large Low Load Factor*
$10,000.00	34EN	TB:FT-1-Energy Charge	0.2165%	*Large Low Load Factor*
$50,257.00	ASSO	Associated Service	1.0878%	*Commercial Other*
$634.00	RNLC	Rental Type L - Conversion Burner	0.0137%	*Residential Other*
$9,894.00	RNLW	Rental Type L - Water	0.2142%	*Residential Other*

$657.00	WORD	Heater Work Order	0.0142%	*Residential Other*
$4,619,957.35			**100.0000%**	
$4,620,875.91	***Total from Reg Bal Sheet 6860 (Jan 13 '12 ver)***			Add Var to 'Small Commercial General' if need to match balance sheet.
$918.56	***Var.***			*Small Commercial General*

	SUMMARY
$100	Residential Non-Heating
$10,585	Residential Heating
$11,185	Residential Other
$2,336,285	Small Commercial General
$1,795,935	Medium Commercial General
$285,807	Large Low Load Factor
$69,254	Large High Load Factor
$0	Extra Large Low Load Factor
$60,550	Extra Large High Load Factor
$50,257	Commercial Other
$4,619,957	Total

Prepared by or under the supervision of: Paul S. Leo

Services Investment Allocator Summary for ECOS Model

Rate No.	Rate Class	Replace Cost	No of Services	Cost/Service	Book Cost
10,11 and 80	Residential Non-Heating	$27,037,767	18,764	$1,441	$18,829,311
12 and 13	Residential Heating	$215,233,596	149,583	$1,439	$149,890,348
21 and 70	C&I Small	$23,257,595	15,981	$1,455	$16,196,769
22	C&I Medium	$6,537,107	4,293	$1,523	$4,552,492
33	C&I Large Low Load	$773,556	410	$1,888	$538,711
23	C&I Large High Load	$272,804	159	$1,718	$189,983
34	C&I Extra Large Large Low Load	$59,471	31	$1,918	$41,416
24	C&I Extra Large High Load	$122,779	64	$1,918	$85,505
TOTAL		$273,294,675	189,285	$1,444	$190,324,535

$190,324,535

			Average Customers	Services	Cost Per Service	Service Replacement Cost
400	1247	Res Heat	180,872	133,845	1,439	$192,604,911
401	1012	Res Non Heat	25,034	18,525	1,441	$26,693,702
402	1301	Res Low Inc Heat	21,268	15,738	1,438	$22,628,685
403	1101	Res Low Inc Non Heat	323	239	1,439	$344,065
404	2107	C&I Small	18,328	15,981	1,455	$23,257,595
405	2237	C&I Medium	2,832	2,832	1,518	$4,299,222
406	2221	C&I Medium FT2	1,030	1,030	1,535	$1,581,570
407	22EN	C&I Medium FT1	430	430	1,525	$656,315
409	3367	C&I Large Low Load	126	126	1,786	$225,228
410	3321	C&I Large Low Load FT2	134	134	1,711	$229,894
411	33EN	C&I Large Low Load FT1	149	149	2,134	$318,434
417	2367	C&I Large High Load	46	46	1,806	$82,768
418	2321	C&I Large High Load FT2	44	44	1,694	$74,520
419	23EN	C&I Large High Load FT1	69	69	1,674	$115,515
		C&I Extra Large Low Load	2	2	1,918	$3,837
		C&I Extra Large Low Load FT2	5	5	1,918	$9,592
415	34EN	C&I Extra Large Low Load FT1	24	24	1,918	$46,042
421	2496	C&I Extra Large High Load	6	6	1,918	$11,511
422	2421	C&I Extra Large High Load FT2	8	8	1,918	$15,347
423	24EN	C&I Extra Large High Load FT1	50	50	1,918	$95,921
		Total	250,781	189,285		$273,294,675
				4,956		
				184,328		
				75%		
				189,285		
		Services per DOT Report		188,405		
		Customers Test Year		249,232		
		Customers Rate Year		250,781		
		Percent Increase		0.62%		
		Estimated Increase No of Sevices		0.47%		
		Rate Year Number of Services		189,285		

Line No.	Rate Class	Meter Costs	ERT Costs	Total	Percentage	Meter Count	Average Cost	Rate Year Meters	Rate Year Costs	Percentage
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
1	Residential Non-Heating	$ 1,715,422	$ 1,247,278	$ 2,962,700	10.20%	31,938	$92.76	25,026	$2,321,514	8.00%
2	Residential Heating	10,650,900	7,427,837	18,078,738	62.25%	194,179	$93.10	205,347	$19,118,517	65.85%
3	Small C/I	2,650,278	740,611	3,390,889	11.68%	18,456	$183.73	18,709	$3,437,373	11.84%
4	Medium C/I	2,916,513	236,449	3,152,963	10.86%	4,439	$710.29	4,297	$3,052,102	10.51%
5	Large Low Load	705,385	7,509	712,894	2.45%	454	$1,570.25	411	$645,373	2.22%
6	Large High Load	205,979	3,755	209,733	0.72%	165	$1,271.11	160	$203,378	0.70%
7	ExLarge Low Load	110,243	171	110,414	0.38%	35	$3,154.68	31	$97,795	0.34%
8	ExLarge High Load	186,689	85	186,774	0.64%	75	$2,490.32	64	$159,380	0.55%
9	Non-Firm	235,382	0	235,382	0.81%	43				
10	NGV	1,816	0	1,816	0.01%	35				
11	Total	$ 19,378,606	$ 9,663,695	$ 29,042,302	100.00%	249,819	$116.25	254,045	$ 29,035,432	100.00%

Attachment Ngrid No 1-26

Account 903000 Composite Allocator

Line #	Function	Description	Total $	Allocation Basis	Residential Non-Heating	Residential Heating	Small Commercial General	Medium Commercial General	Large Low Load Factor	Large High Load Factor	Extra Large Low Load Factor	Extra Large High Load Factor
1	AG0990	Credit & Collections	**$ 2,541,180**	Gross Write-Off	$ 141,964	$ 2,175,484	$ 142,403	$ 40,194	$ 25,179	$ 5,157	$ 3,569	$ 7,231
2	AG1000	Customer Billing	**$ 821,708**	Number of Customers	$ 83,083	$ 662,330	$ 60,054	$ 14,066	$ 1,342	$ 520	$ 102	$ 210
3	AG1001	Mailing - Customer Service	**$ 2,474,081**	Number of Customers	$ 250,156	$ 1,994,211	$ 180,817	$ 42,351	$ 4,042	$ 1,567	$ 306	$ 631
4	AG1010	Respond to Customer Calls/Inqu	**$ 3,244,199**	Number of Customers	$ 328,023	$ 2,614,957	$ 237,101	$ 55,534	$ 5,300	$ 2,055	$ 401	$ 828
5		**Total**	**$ 9,081,168**		**$ 803,227**	**$ 7,446,981**	**$ 620,375**	**$ 152,145**	**$ 35,863**	**$ 9,299**	**$ 4,377**	**$ 8,900**
6		903000 Allocator	100.0%		8.84%	82.00%	6.83%	1.68%	0.39%	0.10%	0.05%	0.10%
7		No. of Customers	**250,781**		25,357	202,140	18,328	4,293	410	159	31	64
8		Percent	100.0%		10.11%	80.60%	7.31%	1.71%	0.16%	0.06%	0.01%	0.03%
9		Gross Write-Off	**$ 18,337,629**		$ 1,024,439	$ 15,698,693	$ 1,027,603	$ 290,047	$ 181,698	$ 37,215	$ 25,751	$ 52,183
10		Percent	100.0%		5.59%	85.61%	5.60%	1.58%	0.99%	0.20%	0.14%	0.28%

Account 908000 Composite Allocator

Line #	Function	Description	Total $	Allocation Basis	Residential Non-Heating	Residential Heating	Small Commercial General	Medium Commercial General	Large Low Load Factor	Large High Load Factor	Extra Large Low Load Factor	Extra Large High Load Factor
1	AG0010	Community Relations	**$ 64,909**	Number of Customers	$ 6,563	$ 52,320	$ 4,744	$ 1,111	$ 106	$ 41	$ 8	$ 17
2	AG0140	Comm & Ind Accnt Mngmnt	**$ 412,848**	No. of Non-Residential Customers	$ -	$ -	$ 324,970	$ 76,114	$ 7,264	$ 2,816	$ 550	$ 1,135
3	AG0849	IS Support DSM	**$ 90,133**	Number of Customers	$ 9,113	$ 72,651	$ 6,587	$ 1,543	$ 147	$ 57	$ 11	$ 23
4	AG1150	DSM GAS Residential A&G	**$ 77,620**	No. of Residential Customers	$ 8,652	$ 68,969	$ -	$ -	$ -	$ -	$ -	$ -
5	AG1155	DSM GAS Large C&I A&G	**$ 237,978**	No. of Large Non-Residential Customers	$ -	$ -	$ -	$ -	$ 146,935	$ 56,969	$ 11,119	$ 22,955
6	AG1160 AG1161	DSM Program Implementation & Administration	**$ 744,372**	Number of Customers	$ 75,264	$ 599,994	$ 54,402	$ 12,742	$ 1,216	$ 471	$ 92	$ 190
7	AG1162	DSM GAS Cust Incentives & Svcs	**$ 2,784,727**	Number of Customers	$ 281,566	$ 2,244,604	$ 203,521	$ 47,669	$ 4,549	$ 1,764	$ 344	$ 711
8	AG1166 AG1176 AG1195 AG1200	DSM Gas Mrkt Research, Studies, Evaluation & Planning	**$ 283,975**	Number of Customers	$ 28,713	$ 228,896	$ 20,754	$ 4,861	$ 464	$ 180	$ 35	$ 72
9	AG1175	DSM GAS Sales Tech Asst Train	**$ 339,926**	Number of Customers	$ 34,370	$ 273,994	$ 24,843	$ 5,819	$ 555	$ 215	$ 42	$ 87
10		**Total**	**$ 5,036,489**		**$ 444,241**	**$ 3,541,427**	**$ 639,822**	**$ 149,859**	**$ 161,236**	**$ 62,514**	**$ 12,201**	**$ 25,189**
11		908000 Allocator	100.0%		8.82%	70.32%	12.70%	2.98%	3.20%	1.24%	0.24%	0.50%
12		No. of Customers	**250,781**		25,357	202,140	18,328	4,293	410	159	31	64
13		Percent	100.0%		10.11%	80.60%	7.31%	1.71%	0.16%	0.06%	0.01%	0.03%
14		No. of Residential Customers	**227,497**		25,357	202,140	-	-	-	-	-	-
15		Percent	100.0%		11.15%	88.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16		No. of NON-Residential Customers	**23,285**		-	-	18,328	4,293	410	159	31	64
17		Percent	100.0%		0.00%	0.00%	78.71%	18.44%	1.76%	0.68%	0.13%	0.27%
18		No. of Large NON-Res Customers	**664**		-	-	-	-	410	159	31	64
19		Percent	100.0%		0.00%	0.00%	0.00%	0.00%	61.74%	23.94%	4.67%	9.65%

Attachment Ngrid No 1-17

Excluding Sales Tax Codes

UNCOLLECTIBLE ALLOCATION

	Gross W-Off		Uncoll Alloc
Residential Non-Heating	$1,024,439	5.59%	$599,668
Residential Heating	$15,698,693	85.61%	$9,189,426
Small Commercial General	$1,027,603	5.60%	$601,520
Medium Commercial General	$290,047	1.58%	$169,783
Large Low Load Factor	$181,698	0.99%	$106,359
Large High Load Factor	$37,215	0.20%	$21,784
Extra Large Low Load Factor	$25,751	0.14%	$15,074
Extra Large High Load Factor	$52,183	0.28%	$30,546
	$18,337,629	**100.00%**	**$ 10,734,160**

Workpapers of
Ann E. Leary

Index of Workpapers

Workpaper AEL–1 2011 Test Year Revenues

Workpaper AEL–2 2011 Normalized Test Year Revenues

Workpaper AEL–3 2013-14 Rate Year Revenues at Current Rates

WORKPAPER AEL-1

2011 Test Year Revenues

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

Rhode Island: - 12 months ending December 31, 2011
Revenues, Customers, Consumption

Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Total Jan 11-Dec 11
Residential non-heat	$595,651	$583,447	$555,628	$511,373	$436,888	$406,416	$382,894	$365,402	$376,137	$377,836	$442,810	$497,418	$5,531,900
Residential non-heat Low Income	$16,106	$16,645	$14,423	$12,856	$9,308	$6,803	$5,815	$5,391	$5,392	$5,462	$7,989	$9,464	$115,654
Residential heat	$12,240,746	$12,409,126	$11,056,643	$8,835,957	$5,427,435	$3,888,107	$3,439,966	$3,343,357	$3,394,826	$3,493,419	$5,440,097	$7,574,857	$80,544,536
Residential heat Low Income	$1,108,666	$1,139,768	$1,068,860	$975,223	$621,233	$469,010	$407,698	$377,519	$382,846	$387,515	$589,306	$730,732	$8,258,376
Small	$1,857,189	$1,885,034	$1,668,539	$1,308,634	$774,483	$525,023	$483,743	$463,479	$462,416	$470,334	$740,893	$1,081,095	$11,720,862
Medium	$1,298,100	$1,322,516	$1,199,649	$968,147	$721,406	$590,659	$586,883	$481,765	$546,855	$549,032	$729,160	$872,376	$9,866,548
Medium FT-1	$258,330	$254,752	$206,826	$184,684	$128,297	$127,404	$115,253	$120,597	$124,461	$146,410	$187,206	$189,580	$2,043,800
Medium FT-2	$462,068	$486,738	$477,375	$359,630	$280,216	$235,006	$218,745	$205,359	$217,571	$241,821	$290,012	$360,756	$3,835,297
LLF large	$259,908	$308,061	$263,679	$213,821	$105,706	$117,889	$87,820	$86,389	$68,371	$83,295	$144,644	$179,762	$1,919,345
LLF large FT-1	$430,012	$418,069	$341,487	$273,536	$164,961	$132,316	$127,119	$133,722	$143,522	$169,656	$289,688	$315,320	$2,939,408
LLF large FT-2	$301,407	$314,093	$283,972	$221,724	$171,595	$100,441	$105,359	$99,269	$105,229	$116,136	$178,516	$236,700	$2,234,441
LLF XL	$4,781	$5,166	$4,390	$4,309	$4,146	$3,802	$4,805	$6,480	$6,804	$9,170	$10,492	$11,124	$75,469
LLF XL FT-1	$125,738	$126,253	$98,725	$133,838	$92,516	$81,052	$81,011	$83,548	$86,235	$94,513	$118,083	$121,367	$1,242,879
LLF XL FT-2	$11,581	$12,980	$11,774	$10,699	$9,069	$8,430	$8,450	$7,628	$5,392	$939	$5,146	$5,843	$97,931
HLF large	$57,813	$47,884	$59,909	$46,235	$40,342	$36,249	$38,066	$38,810	$39,689	$38,032	$43,458	$43,249	$529,736
HLF large FT-1	$98,262	$98,438	$90,013	$83,519	$75,768	$71,422	$66,409	$70,954	$69,110	$69,425	$74,961	$74,288	$942,569
HLF large FT-2	$51,833	$50,743	$50,997	$48,520	$41,239	$39,296	$40,300	$37,218	$36,743	$37,011	$39,335	$43,715	$516,950
HLF XL	$39,052	$19,068	$20,470	$18,623	$17,860	$17,417	$17,290	$17,073	$18,509	$16,017	$18,816	$16,287	$236,482
HLF XL FT-1	$430,769	$429,306	$422,972	$411,041	$395,437	$411,472	$396,037	$407,171	$398,091	$394,000	$409,973	$440,258	$4,946,527
HLF XL FT-2	$20,105	$20,592	$19,831	$19,013	$16,662	$16,382	$15,841	$15,630	$14,213	$13,828	$15,408	$14,796	$202,301
Total	$19,668,117	$19,948,679	$17,916,162	$14,641,382	$9,534,567	$7,284,596	$6,629,504	$6,366,761	$6,502,412	$6,713,851	$9,775,993	$12,818,987	$137,801,011

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
49	**Customers**														
50		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
51															
52	Residential non-heat	27,216	26,967	26,804	26,630	26,481	26,363	26,285	26,261	26,269	26,182	26,190	26,205	26,488	
53															
54	Residential non-heat Low Income	307	325	338	359	386	375	362	359	342	338	340	271	342	
55															
56	Residential heat	182,445	182,570	180,645	178,115	176,005	175,069	175,128	175,181	175,521	176,523	177,992	181,650	178,070	
57															
58	Residential heat Low Income	18,260	18,500	20,325	22,258	22,859	22,597	22,016	21,586	21,319	21,033	21,484	18,896	20,928	
59															
60	Small	18,810	18,805	18,742	18,543	18,338	18,166	18,070	17,971	17,946	18,061	18,342	18,565	18,363	
61															
62	Medium	2,959	2,957	2,941	2,916	2,899	2,884	2,876	2,890	2,896	2,928	2,939	2,958	2,920	
63															
64	Medium FT-1	429	430	430	430	429	432	432	432	441	433	432	430	432	
65															
66	Medium FT-2	943	959	966	979	981	989	992	1,004	1,008	1,014	1,032	1,051	993	
67															
68	LLF large	133	132	132	129	129	126	124	120	120	123	124	131	127	
69															
70	LLF large FT-1	159	162	162	162	161	161	161	162	160	166	168	165	162	
71															
72	LLF large FT-2	132	133	135	137	137	136	136	141	146	147	147	150	140	
73															
74	LLF XL	2	3	2	2	3	3	3	4	5	5	5	5	4	
75															
76	LLF XL FT-1	22	22	25	25	25	25	25	26	27	27	27	27	25	
77															
78	LLF XL FT-2	5	5	5	5	5	5	5	3	3	3	3	3	4	
79															
80	HLF large	49	48	45	46	49	47	47	42	43	45	43	46	46	
81															
82	HLF large FT-1	69	69	69	69	69	69	69	69	65	65	63	63	67	
83															
84	HLF large FT-2	44	44	45	42	41	44	44	41	41	40	40	41	42	
85															
86	HLF XL	7	7	7	7	7	7	7	8	7	7	6	6	7	
87															
88	HLF XL FT-1	64	64	64	65	66	66	66	66	64	64	65	65	65	
89															
90	HLF XL FT-2	8	8	8	7	7	7	7	6	6	6	6	6	7	
91															
92															
93	Total	252,063	252,210	251,890	250,926	249,077	247,571	246,855	246,372	246,429	247,210	249,448	250,734	249,232	
94															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
95															
96	**Customer Charge ($)**														
97	Base rates effective 09/01/08														
98		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
99															
100	Residential non-heat	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00		
101															
102	Residential non-heat Low Income	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00		
103															
104	Residential heat	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
105															
106	Residential heat Low Income	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80		
107															
108	Small	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60		
109															
110	Medium	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00		
111															
112	Medium FT-1	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00		
113															
114	Medium FT-2	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00		
115															
116	LLF large	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
117															
118	LLF large FT-1	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
119															
120	LLF large FT-2	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
121															
122	LLF XL	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
123															
124	LLF XL FT-1	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
125															
126	LLF XL FT-2	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
127															
128	HLF large	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
129															
130	HLF large FT-1	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
131															
132	HLF large FT-2	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
133															
134	HLF XL	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
135															
136	HLF XL FT-1	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
137															
138	HLF XL FT-2	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
139															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
140	Default														
141															
142	**Customer Charge Revenue**														
143		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
144															
145	Residential non-heat	$272,160	$269,670	$268,040	$266,300	$264,810	$263,630	$262,850	$262,610	$262,690	$261,820	$261,900	$262,050	$3,178,530	
146															
147	Residential non-heat Low Income	$2,763	$2,925	$3,042	$3,231	$3,474	$3,375	$3,258	$3,231	$3,078	$3,042	$3,060	$2,439	$36,918	
148															
149	Residential heat	$2,189,340	$2,190,840	$2,167,740	$2,137,380	$2,112,060	$2,100,828	$2,101,536	$2,102,172	$2,106,252	$2,118,276	$2,135,904	$2,179,800	$25,642,128	
150															
151	Residential heat Low Income	$197,208	$199,800	$219,510	$240,386	$246,877	$244,048	$237,773	$233,129	$230,245	$227,156	$232,027	$204,077	$2,712,236	
152															
153	Small	$349,866	$349,773	$348,601	$344,900	$341,087	$337,888	$336,102	$334,261	$333,796	$335,935	$341,161	$345,309	$4,098,679	
154															
155	Medium	$177,540	$177,420	$176,460	$174,960	$173,940	$173,040	$172,560	$173,400	$173,760	$175,680	$176,340	$177,480	$2,102,580	
156															
157	Medium FT-1	$25,740	$25,800	$25,800	$25,800	$25,740	$25,920	$25,920	$25,920	$26,460	$25,980	$25,920	$25,800	$310,800	
158															
159	Medium FT-2	$56,580	$57,540	$57,960	$58,740	$58,860	$59,340	$59,520	$60,240	$60,480	$60,840	$61,920	$63,060	$715,080	
160															
161	LLF large	$15,960	$15,840	$15,840	$15,480	$15,480	$15,120	$14,880	$14,400	$14,400	$14,760	$14,880	$15,720	$182,760	
162															
163	LLF large FT-1	$19,080	$19,440	$19,440	$19,440	$19,320	$19,320	$19,320	$19,440	$19,200	$19,920	$20,160	$19,800	$233,880	
164															
165	LLF large FT-2	$15,840	$15,960	$16,200	$16,440	$16,440	$16,320	$16,320	$16,920	$17,520	$17,640	$17,640	$18,000	$201,240	
166															
167	LLF XL	$600	$900	$600	$600	$900	$900	$900	$1,200	$1,500	$1,500	$1,500	$1,500	$12,600	
168															
169	LLF XL FT-1	$6,600	$6,600	$7,500	$7,500	$7,500	$7,500	$7,500	$7,800	$8,100	$8,100	$8,100	$8,100	$90,900	
170															
171	LLF XL FT-2	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$900	$900	$900	$900	$900	$15,000	
172															
173	HLF large	$5,880	$5,760	$5,400	$5,520	$5,880	$5,640	$5,640	$5,040	$5,160	$5,400	$5,160	$5,520	$66,000	
174															
175	HLF large FT-1	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$7,800	$7,800	$7,560	$7,560	$96,960	
176															
177	HLF large FT-2	$5,280	$5,280	$5,400	$5,040	$4,920	$5,280	$5,280	$4,920	$4,920	$4,800	$4,800	$4,920	$60,840	
178															
179	HLF XL	$2,100	$2,100	$2,100	$2,100	$2,100	$2,100	$2,100	$2,400	$2,100	$2,100	$1,800	$1,800	$24,900	
180															
181	HLF XL FT-1	$19,200	$19,200	$19,200	$19,500	$19,800	$19,800	$19,800	$19,800	$19,200	$19,200	$19,500	$19,500	$233,700	
182															
183	HLF XL FT-2	$2,400	$2,400	$2,400	$2,100	$2,100	$2,100	$2,100	$1,800	$1,800	$1,800	$1,800	$1,800	$24,600	
184															
185															
186															
187	**Total**	$3,373,917	$3,377,028	$3,371,013	$3,355,197	$3,331,068	$3,311,929	$3,303,139	$3,297,863	$3,299,361	$3,312,649	$3,342,032	$3,365,135	$40,040,331	
188															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
189			165.2274												
190	**Actual Volumes (dth's)**														
191		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
192															
193	Residential non-heat	80,291	77,880	71,380	60,827	42,710	35,440	29,795	25,513	28,158	28,795	44,902	58,419	584,108	
194															
195	Residential non-heat Low Income	3,680	3,784	3,139	2,654	1,609	945	705	596	638	667	1,359	1,937	21,714	
196															
197	Residential heat	2,959,905	3,016,557	2,557,241	1,843,901	913,059	514,509	367,950	338,829	351,381	377,486	960,000	1,459,048	15,659,867	
198															
199	Residential heat Low Income	294,768	304,459	263,112	220,131	115,189	71,759	51,639	42,811	45,777	48,508	114,787	155,722	1,728,660	
200															
201	Small	487,812	495,049	407,231	275,546	123,393	68,788	54,697	46,827	46,018	47,648	122,071	197,162	2,372,242	
202															
203	Medium	555,026	570,584	494,524	353,832	201,217	120,094	121,735	55,774	94,533	97,793	199,745	283,378	3,148,236	
204															
205	Medium FT-1	116,328	113,624	86,157	68,251	34,922	34,237	26,402	30,027	32,048	43,552	70,505	71,907	727,957	
206															
207	Medium FT-2	201,798	215,608	205,876	132,781	82,783	54,623	41,849	35,737	39,442	55,125	84,497	124,415	1,274,533	
208															
209	LLF large	116,985	149,243	116,982	90,764	30,687	26,599	10,961	11,414	5,509	11,797	42,532	64,633	678,106	
210															
211	LLF large FT-1	200,308	193,300	145,457	103,539	38,937	17,336	15,214	18,741	24,007	38,099	112,279	126,331	1,033,548	
212															
213	LLF large FT-2	137,880	145,179	126,621	88,452	55,989	14,153	15,487	12,410	15,061	19,760	55,136	88,932	775,059	
214															
215	LLF XL	5,445	5,689	4,322	4,090	2,759	1,770	881	1,063	701	4,792	5,735	7,085	44,332	
216															
217	LLF XL FT-1	156,725	156,250	123,506	104,731	45,827	12,885	12,768	15,780	19,228	37,595	112,161	108,994	906,451	
218															
219	LLF XL FT-2	11,060	15,081	11,614	8,526	3,841	2,005	2,063	1,424	1,288	4,316	3,048	4,804	69,071	
220															
221	HLF large	35,858	22,148	38,724	25,991	18,567	17,110	15,952	16,614	15,490	14,239	21,420	21,219	263,332	
222															
223	HLF large FT-1	61,042	61,697	52,273	45,009	35,881	31,477	25,870	30,954	30,335	32,424	38,799	39,984	485,744	
224															
225	HLF large FT-2	30,595	29,778	29,366	24,528	18,634	15,697	15,021	13,286	14,111	13,712	19,363	23,314	247,405	
226															
227	HLF XL	35,072	18,843	24,074	17,184	14,335	12,683	12,210	10,280	12,906	11,450	14,479	15,102	198,618	
228															
229	HLF XL FT-1	489,654	484,193	460,559	414,922	355,564	367,239	333,727	375,274	347,418	351,172	408,857	423,230	4,811,808	
230															
231	HLF XL FT-2	20,902	22,720	19,881	17,947	13,729	12,681	10,663	10,998	11,069	9,634	12,705	12,707	175,636	
232															
233															
234															
235	Total	6,001,130	6,101,665	5,242,037	3,903,607	2,149,631	1,432,031	1,165,590	1,094,353	1,135,116	1,248,564	2,444,380	3,288,323	35,206,428	
236															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
237															
238	**Allocation to Head Block**														
239	Based on Actual Bill Frequencies														
240		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
241															
242	Residential non-heat	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
243															
244	Residential non-heat Low Income	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
245															
246	Residential heat	64.87%	64.26%	70.67%	82.03%	81.90%	70.51%	82.37%	84.23%	84.52%	82.76%	68.20%	86.72%		
247															
248	Residential heat Low Income	67.75%	67.36%	78.69%	87.54%	80.44%	71.20%	83.72%	90.33%	87.18%	84.94%	69.39%	91.07%		
249															
250	Small	38.31%	38.71%	43.63%	52.64%	53.16%	25.32%	24.58%	26.70%	27.94%	28.85%	44.80%	60.87%		
251															
252	Medium	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
253															
254	Medium FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
255															
256	Medium FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
257															
258	LLF large	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
259															
260	LLF large FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
261															
262	LLF large FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
263															
264	LLF XL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
265															
266	LLF XL FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
267															
268	LLF XL FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
269															
270	HLF large	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
271															
272	HLF large FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
273															
274	HLF large FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
275															
276	HLF XL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
277															
278	HLF XL FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
279															
280	HLF XL FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
281															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
282															
283	**Variable Base Rates ($ per dth)**														
284	Base Rates effective 12/01/08														
285															
286															
287		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
288															
289	Residential non-heat	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290		
290		$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290		
291	Residential non-heat Low Income	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260		
292		$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260		
293	Residential heat	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810		
294		$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000		
295	Residential heat Low Income	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930		
296		$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500		
297	Small	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450		
298		$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000		
299	Medium	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030		
300															
301	Medium FT-1	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030		
302															
303	Medium FT-2	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030		
304															
305	LLF large	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380		
306															
307	LLF large FT-1	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380		
308															
309	LLF large FT-2	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380		
310															
311	LLF XL	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480		
312															
313	LLF XL FT-1	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480		
314															
315	LLF XL FT-2	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480		
316															
317	HLF large	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940		
318															
319	HLF large FT-1	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940		
320															
321	HLF large FT-2	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940		
322															
323	HLF XL	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680		
324															
325	HLF XL FT-1	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680		
326															
327	HLF XL FT-2	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680		
328															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
329															
330	**Variable Base Revenue**														
331		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
332															
333	Residential non-heat	$323,491	$313,777	$287,588	$245,073	$172,078	$142,786	$120,044	$102,792	$113,447	$116,016	$180,910	$235,368	$2,353,370	
334															
335	Residential non-heat Low Income	$13,343	$13,720	$11,381	$9,625	$5,834	$3,428	$2,557	$2,160	$2,314	$2,420	$4,929	$7,025	$78,736	
336															
337	Residential heat	$10,051,406	$10,218,286	$8,888,903	$6,698,577	$3,315,375	$1,787,279	$1,338,430	$1,241,185	$1,288,574	$1,375,143	$3,304,193	$5,395,057	$54,902,408	
338															
339	Residential heat Low Income	$911,458	$939,968	$849,350	$734,837	$374,356	$224,962	$169,925	$144,390	$152,601	$160,359	$357,279	$526,655	$5,546,140	
340															
341	Small	$1,507,323	$1,535,261	$1,319,938	$963,734	$433,396	$187,135	$147,641	$129,218	$128,620	$134,399	$399,732	$735,786	$7,622,183	
342															
343	Medium	$889,707	$914,646	$792,722	$567,193	$322,550	$192,510	$195,142	$89,405	$151,537	$156,762	$320,191	$454,255	$5,046,620	
344															
345	Medium FT-1	$186,473	$182,139	$138,109	$109,406	$55,980	$54,881	$42,322	$48,133	$51,372	$69,813	$113,020	$115,266	$1,166,914	
346															
347	Medium FT-2	$323,481	$345,620	$330,019	$212,848	$132,701	$87,561	$67,083	$57,287	$63,225	$88,365	$135,448	$199,437	$2,043,075	
348															
349	LLF large	$191,622	$244,460	$191,617	$148,671	$50,265	$43,569	$17,954	$18,697	$9,024	$19,324	$69,667	$105,868	$1,110,738	
350															
351	LLF large FT-1	$328,104	$316,626	$238,258	$169,597	$63,779	$28,396	$24,921	$30,698	$39,324	$62,406	$183,914	$206,931	$1,692,954	
352															
353	LLF large FT-2	$225,847	$237,803	$207,406	$144,884	$91,709	$23,182	$25,368	$20,328	$24,670	$32,367	$90,312	$145,670	$1,269,546	
354															
355	LLF XL	$1,895	$1,980	$1,504	$1,423	$960	$616	$307	$370	$244	$1,668	$1,996	$2,466	$15,429	
356															
357	LLF XL FT-1	$54,540	$54,375	$42,980	$36,446	$15,948	$4,484	$4,443	$5,492	$6,691	$13,083	$39,032	$37,930	$315,444	
358															
359	LLF XL FT-2	$3,849	$5,248	$4,042	$2,967	$1,337	$698	$718	$496	$448	$1,502	$1,061	$1,672	$24,038	
360															
361	HLF large	$32,057	$19,800	$34,619	$23,236	$16,599	$15,296	$14,261	$14,853	$13,848	$12,730	$19,149	$18,970	$235,418	
362															
363	HLF large FT-1	$54,571	$55,157	$46,732	$40,238	$32,077	$28,141	$23,128	$27,673	$27,119	$28,987	$34,686	$35,746	$434,255	
364															
365	HLF large FT-2	$27,352	$26,621	$26,253	$21,928	$16,658	$14,033	$13,429	$11,877	$12,615	$12,259	$17,311	$20,843	$221,179	
366															
367	HLF XL	$9,399	$5,050	$6,452	$4,605	$3,842	$3,399	$3,272	$2,755	$3,459	$3,069	$3,880	$4,047	$53,229	
368															
369	HLF XL FT-1	$131,227	$129,764	$123,430	$111,199	$95,291	$98,420	$89,439	$100,573	$93,108	$94,114	$109,574	$113,426	$1,289,565	
370															
371	HLF XL FT-2	$5,602	$6,089	$5,328	$4,810	$3,679	$3,399	$2,858	$2,947	$2,967	$2,582	$3,405	$3,406	$47,072	
372															
373	**Total**	$15,272,747	$15,566,390	$13,546,631	$10,251,297	$5,204,414	$2,944,175	$2,303,242	$2,051,329	$2,185,207	$2,387,368	$5,389,689	$8,365,824	$85,468,313	
374															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
375	**Demand Volumes**														
376															
377		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
378															
379	Medium	19,238	19,204	19,206	18,833	18,743	18,759	18,265	18,247	18,463	18,049	19,386	20,053	226,446	
380															
381	Medium FT-1	3,843	3,901	3,576	4,123	3,881	3,884	3,918	3,879	3,886	4,218	4,022	4,043	47,174	
382															
383	Medium FT-2	6,834	6,965	7,450	7,337	7,388	7,342	7,678	7,319	7,822	7,718	7,720	8,188	89,762	
384															
385	LLF large	4,361	3,980	4,685	4,139	3,330	4,933	4,582	4,441	3,746	4,101	5,008	4,848	52,154	
386															
387	LLF large FT-1	6,902	6,834	6,982	7,042	6,822	7,050	6,907	6,965	7,083	7,277	7,135	7,382	84,381	
388															
389	LLF large FT-2	4,977	5,027	5,031	5,033	5,287	5,078	5,306	5,168	5,253	5,511	5,880	6,086	63,638	
390															
391	LLF XL	191	191	191	191	191	191	300	409	422	500	583	596	3,953	
392															
393	LLF XL FT-1	5,383	5,440	4,020	7,491	5,756	5,756	5,756	5,855	5,954	6,111	5,913	6,278	69,711	
394															
395	LLF XL FT-2	519	519	519	519	519	519	519	519	337	-122	265	273	4,908	
396															
397	HLF large	1,197	1,345	1,198	1,053	1,076	922	1,094	1,140	1,246	1,199	1,154	1,130	13,754	
398															
399	HLF large FT-1	2,133	2,109	2,109	2,109	2,133	2,109	2,109	2,109	2,060	1,966	1,971	1,866	24,780	
400															
401	HLF large FT-2	1,157	1,135	1,165	1,298	1,184	1,204	1,301	1,230	1,157	1,202	1,038	1,081	14,152	
402															
403	HLF XL	1,660	718	718	718	718	718	718	718	780	654	791	629	9,539	
404															
405	HLF XL FT-1	16,888	16,888	16,888	16,888	16,888	17,666	17,277	17,277	17,216	16,909	16,922	18,514	206,221	
406															
407	HLF XL FT-2	729	729	729	729	656	656	656	656	569	569	615	578	7,869	
408															
409	**Total**	76,012	74,984	74,467	77,503	74,573	76,786	76,385	75,931	75,993	75,862	78,402	81,546	918,443	
410															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
411															
412	**Demand Rates per dth**														
413	Based on rates effective 12/01/08														
414		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
415															
416	Medium	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
417															
418	Medium FT-1	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
419															
420	Medium FT-2	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
421															
422	LLF large	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
423															
424	LLF large FT-1	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
425															
426	LLF large FT-2	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
427															
428	LLF XL	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
429															
430	LLF XL FT-1	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
431															
432	LLF XL FT-2	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
433															
434	HLF large	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
435															
436	HLF large FT-1	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
437															
438	HLF large FT-2	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
439															
440	HLF XL	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
441															
442	HLF XL FT-1	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
443															
444	HLF XL FT-2	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
445															
446															
447															
448															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
449															
450	**Demand Revenues**														
451															
452		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
453															
454	Medium	$230,853	$230,450	$230,467	$225,994	$224,916	$225,109	$219,181	$218,960	$221,558	$216,590	$232,629	$240,641	$2,717,348	
455															
456	Medium FT-1	$46,117	$46,813	$42,917	$49,478	$46,577	$46,603	$47,011	$46,544	$46,629	$50,617	$48,266	$48,514	$566,086	
457															
458	Medium FT-2	$82,007	$83,578	$89,396	$88,042	$88,655	$88,105	$92,142	$87,832	$93,866	$92,616	$92,644	$98,259	$1,077,142	
459															
460	LLF large	$52,326	$47,761	$56,222	$49,670	$39,961	$59,200	$54,986	$53,292	$44,947	$49,211	$60,097	$58,174	$625,847	
461															
462	LLF large FT-1	$82,828	$82,003	$83,789	$84,499	$81,862	$84,600	$82,878	$83,584	$84,998	$87,330	$85,614	$88,589	$1,012,574	
463															
464	LLF large FT-2	$59,720	$60,330	$60,366	$60,400	$63,446	$60,939	$63,671	$62,021	$63,039	$66,129	$70,564	$73,030	$763,655	
465															
466	LLF XL	$2,286	$2,286	$2,286	$2,286	$2,286	$2,286	$3,598	$4,910	$5,060	$6,002	$6,996	$7,158	$47,440	
467															
468	LLF XL FT-1	$64,598	$65,278	$48,245	$89,892	$69,068	$69,068	$69,068	$70,256	$71,444	$73,330	$70,951	$75,337	$836,535	
469															
470	LLF XL FT-2	$6,232	$6,232	$6,232	$6,232	$6,232	$6,232	$6,232	$6,232	$4,044	-$1,463	$3,185	$3,271	$58,893	
471															
472	HLF large	$19,876	$22,324	$19,890	$17,479	$17,863	$15,313	$18,165	$18,917	$20,681	$19,902	$19,149	$18,759	$228,318	
473															
474	HLF large FT-1	$35,411	$35,001	$35,001	$35,001	$35,411	$35,001	$35,001	$35,001	$34,191	$32,638	$32,715	$30,982	$411,354	
475															
476	HLF large FT-2	$19,201	$18,842	$19,344	$21,552	$19,661	$19,983	$21,591	$20,421	$19,208	$19,952	$17,224	$17,952	$234,931	
477															
478	HLF XL	$27,553	$11,918	$11,918	$11,918	$11,918	$11,918	$11,918	$11,918	$12,950	$10,848	$13,136	$10,440	$158,353	
479															
480	HLF XL FT-1	$280,342	$280,342	$280,342	$280,342	$280,346	$293,252	$286,798	$286,798	$285,783	$280,686	$280,899	$307,332	$3,423,262	
481															
482	HLF XL FT-2	$12,103	$12,103	$12,103	$12,103	$10,883	$10,883	$10,883	$10,883	$9,446	$9,446	$10,203	$9,590	$130,629	
483															
484	**Total**	$1,021,453	$1,005,261	$998,518	$1,034,888	$999,085	$1,028,492	$1,023,123	$1,017,569	$1,017,844	$1,013,834	$1,044,272	$1,088,028	$12,292,367	

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Actual Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
650															
651	**SALES (dth)**	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
652	Residential Non-Heating	80,291	77,880	71,380	60,827	42,710	35,440	29,795	25,513	28,158	28,795	44,902	58,419	584,108	
653	Residential Non-heating -LI	3,680	3,784	3,139	2,654	1,609	945	705	596	638	667	1,359	1,937	21,714	
654	Residential Heating	2,959,905	3,016,557	2,557,241	1,843,901	913,059	514,509	367,950	338,829	351,381	377,486	960,000	1,459,048	15,659,867	
655	Residential Heating - LI	294,768	304,459	263,112	220,131	115,189	71,759	51,639	42,811	45,777	48,508	114,787	155,722	1,728,660	
656	Small C&I	487,812	495,049	407,231	275,546	123,393	68,788	54,697	46,827	46,018	47,648	122,071	197,162	2,372,242	
657	Medium C&I	555,026	570,584	494,524	353,832	201,217	120,094	121,735	55,774	94,533	97,793	199,745	283,378	3,148,236	
658	Large LLF	116,985	149,243	116,982	90,764	30,687	26,599	10,961	11,414	5,509	11,797	42,532	64,633	678,106	
659	Large HLF	35,858	22,148	38,724	25,991	18,567	17,110	15,952	16,614	15,490	14,239	21,420	21,219	263,332	
660	Extra Large LLF	5,445	5,689	4,322	4,090	2,759	1,770	881	1,063	701	4,792	5,735	7,085	44,332	
661	Extra Large HLF	35,072	18,843	24,074	17,184	14,335	12,683	12,210	10,280	12,906	11,450	14,479	15,102	198,618	
662	**Total Sales**	4,574,841	4,664,235	3,980,728	2,894,921	1,463,524	869,697	666,525	549,721	601,110	643,176	1,527,031	2,263,705	24,699,216	
663															
664	**FT-2 TRANSPORTATION**														
665	FT-2 Medium	201,798	215,608	205,876	132,781	82,783	54,623	41,849	35,737	39,442	55,125	84,497	124,415	1,274,533	
666	FT-2 Large LLF	137,880	145,179	126,621	88,452	55,989	14,153	15,487	12,410	15,061	19,760	55,136	88,932	775,059	
667	FT-2 Large HLF	30,595	29,778	29,366	24,528	18,634	15,697	15,021	13,286	14,111	13,712	19,363	23,314	247,405	
668	FT-2 Extra Large LLF	11,060	15,081	11,614	8,526	3,841	2,005	2,063	1,424	1,288	4,316	3,048	4,804	69,071	
669	FT-2 Extra Large HLF	20,902	22,720	19,881	17,947	13,729	12,681	10,663	10,998	11,069	9,634	12,705	12,707	175,636	
670	**Total Transportation**	402,234	428,366	393,358	272,234	174,976	99,159	85,083	73,855	80,970	102,547	174,749	254,172	2,541,703	
671															
672	**Sales & FT-2 THROUGHPUT**														
673	Residential Non-Heating	80,291	77,880	71,380	60,827	42,710	35,440	29,795	25,513	28,158	28,795	44,902	58,419	584,108	
674	Residential Non-Heating - LI	3,680	3,784	3,139	2,654	1,609	945	705	596	638	667	1,359	1,937	21,714	
675	Residential Heating	2,959,905	3,016,557	2,557,241	1,843,901	913,059	514,509	367,950	338,829	351,381	377,486	960,000	1,459,048	15,659,867	
676	Residential Heating - LI	294,768	304,459	263,112	220,131	115,189	71,759	51,639	42,811	45,777	48,508	114,787	155,722	1,728,660	
677	Small C&I	487,812	495,049	407,231	275,546	123,393	68,788	54,697	46,827	46,018	47,648	122,071	197,162	2,372,242	
678	Medium C&I	756,824	786,192	700,400	486,613	284,000	174,717	163,584	91,511	133,975	152,918	284,241	407,793	4,422,768	
679	Large LLF	254,865	294,422	243,604	179,216	86,676	40,752	26,448	23,825	20,570	31,557	97,668	153,565	1,453,165	
680	Large HLF	66,452	51,926	68,090	50,520	37,201	32,807	30,973	29,900	29,600	27,951	40,783	44,533	510,737	
681	Extra Large LLF	16,504	20,770	15,936	12,616	6,600	3,775	2,945	2,487	1,989	9,108	8,784	11,889	113,403	
682	Extra Large HLF	55,974	41,563	43,955	35,131	28,064	25,364	22,872	21,278	23,975	21,084	27,184	27,809	374,255	
683	**Total Throughput**	4,977,075	5,092,601	4,374,086	3,167,155	1,638,500	968,857	751,608	623,577	682,081	745,723	1,701,779	2,517,877	27,240,919	
684															
685	**FT-1 TRANSPORTATION**														
686	FT-1 Medium	116,328	113,624	86,157	68,251	34,922	34,237	26,402	30,027	32,048	43,552	70,505	71,907	727,957	
687	FT-1 Large LLF	200,308	193,300	145,457	103,539	38,937	17,336	15,214	18,741	24,007	38,099	112,279	126,331	1,033,548	
688	FT-1 Large HLF	61,042	61,697	52,273	45,009	35,881	31,477	25,870	30,954	30,335	32,424	38,799	39,984	485,744	
689	FT-1 Extra Large LLF	156,725	156,250	123,506	104,731	45,827	12,885	12,768	15,780	19,228	37,595	112,161	108,994	906,451	
690	FT-1 Extra Large HLF	489,654	484,193	460,559	414,922	355,564	367,239	333,727	375,274	347,418	351,172	408,857	423,230	4,811,808	
691	**Total Transportation**	1,024,056	1,009,064	867,951	736,452	511,131	463,174	413,982	470,777	453,035	502,841	742,601	770,446	7,965,509	
692															
693	**Total THROUGHPUT**														
694	Residential Non-Heating	80,291	77,880	71,380	60,827	42,710	35,440	29,795	25,513	28,158	28,795	44,902	58,419	584,108	
695	Residential Non-Heating - LI	3,680	3,784	3,139	2,654	1,609	945	705	596	638	667	1,359	1,937	21,714	
696	Residential Heating	2,959,905	3,016,557	2,557,241	1,843,901	913,059	514,509	367,950	338,829	351,381	377,486	960,000	1,459,048	15,659,867	
697	Residential Heating - LI	294,768	304,459	263,112	220,131	115,189	71,759	51,639	42,811	45,777	48,508	114,787	155,722	1,728,660	
698	Small C&I	487,812	495,049	407,231	275,546	123,393	68,788	54,697	46,827	46,018	47,648	122,071	197,162	2,372,242	
699	Medium C&I	873,151	899,816	786,557	554,864	318,922	208,954	189,986	121,538	166,023	196,469	354,746	479,700	5,150,726	
700	Large LLF	455,172	487,722	389,060	282,755	125,613	58,087	41,662	42,566	44,577	69,656	209,947	279,896	2,486,713	
701	Large HLF	127,494	113,623	120,363	95,529	73,082	64,285	56,843	60,854	59,935	60,375	79,582	84,517	996,481	
702	Extra Large LLF	173,230	177,020	139,442	117,347	52,426	16,660	15,713	18,268	21,217	46,703	120,944	120,883	1,019,854	
703	Extra Large HLF	545,628	525,756	504,514	450,054	383,628	392,603	356,600	396,552	371,393	372,256	436,041	451,039	5,186,063	
704	**Total Throughput**	6,001,130	6,101,665	5,242,037	3,903,607	2,149,631	1,432,031	1,165,590	1,094,353	1,135,116	1,248,564	2,444,380	3,288,323	35,206,428	
705															

WORKPAPER AEL-2

2011 Normalized Test Year Revenues

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

Rhode Island: - 12 months ending December 31, 2011
Revenues, Customers, Consumption

Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Total Jan 11-Dec 11
Residential non-heat	$595,651	$583,447	$555,628	$511,373	$436,888	$406,416	$382,894	$365,402	$376,137	$377,836	$442,810	$497,418	$5,531,900
Residential non-heat Low Income	$16,106	$16,645	$14,423	$12,856	$9,308	$6,803	$5,815	$5,391	$5,392	$5,462	$7,989	$9,464	$115,654
Residential heat	$12,176,736	$12,371,418	$11,047,236	$8,833,436	$5,438,912	$3,894,276	$3,447,403	$3,343,357	$3,396,155	$3,494,613	$5,467,416	$7,630,481	$80,541,439
Residential heat Low Income	$1,102,912	$1,136,334	$1,067,869	$976,151	$622,575	$469,717	$408,517	$377,519	$382,990	$387,642	$592,301	$736,034	$8,260,561
Small	$1,848,186	$1,880,482	$1,667,259	$1,309,634	$775,817	$525,654	$485,196	$463,479	$462,447	$470,347	$743,656	$1,087,299	$11,719,456
Medium	$1,291,366	$1,319,050	$1,198,666	$968,874	$722,570	$591,342	$590,339	$481,765	$547,965	$549,693	$732,419	$877,787	$9,871,836
Medium FT-1	$258,330	$254,752	$206,826	$184,684	$128,297	$127,404	$115,253	$120,597	$124,461	$146,410	$187,206	$189,580	$2,043,800
Medium FT-2	$459,661	$485,221	$476,965	$359,894	$280,686	$235,350	$219,339	$205,359	$217,700	$242,126	$291,113	$362,836	$3,836,250
LLF large	$258,235	$307,041	$263,399	$214,061	$105,989	$118,299	$88,585	$86,607	$68,371	$83,392	$145,491	$181,190	$1,920,660
LLF large FT-1	$375,983	$388,038	$335,141	$278,335	$169,671	$133,189	$127,119	$133,757	$146,966	$175,856	$332,686	$367,745	$2,964,486
LLF large FT-2	$299,510	$312,937	$283,682	$221,942	$172,071	$100,547	$106,000	$99,269	$105,302	$116,247	$179,496	$238,551	$2,235,554
LLF XL	$4,672	$5,098	$4,370	$4,324	$4,183	$3,859	$5,077	$6,587	$6,871	$9,204	$10,576	$11,211	$76,032
LLF XL FT-1	$122,896	$124,546	$98,362	$134,164	$93,303	$82,104	$81,011	$83,548	$88,226	$95,788	$120,541	$124,055	$1,248,544
LLF XL FT-2	$11,489	$12,929	$11,759	$10,713	$9,106	$8,482	$8,709	$7,724	$5,468	$982	$5,234	$5,956	$98,551
HLF large	$57,813	$47,884	$59,909	$46,235	$40,342	$36,249	$38,066	$38,810	$39,689	$38,032	$43,458	$43,249	$529,736
HLF large FT-1	$98,262	$98,438	$90,013	$83,519	$75,768	$71,422	$66,409	$70,954	$69,110	$69,425	$74,961	$74,288	$942,569
HLF large FT-2	$51,833	$50,743	$50,997	$48,520	$41,239	$39,296	$40,300	$37,218	$36,743	$37,011	$39,335	$43,715	$516,950
HLF XL	$39,052	$19,068	$20,470	$18,623	$17,860	$17,417	$17,290	$17,073	$18,509	$16,017	$18,816	$16,287	$236,482
HLF XL FT-1	$430,769	$429,306	$422,972	$411,041	$395,437	$411,472	$396,037	$407,171	$398,091	$394,000	$409,973	$440,258	$4,946,527
HLF XL FT-2	$20,105	$20,592	$19,831	$19,013	$16,662	$16,382	$15,841	$15,630	$14,213	$13,828	$15,408	$14,796	$202,301
Total	$19,519,567	$19,863,969	$17,895,777	$14,647,392	$9,556,684	$7,295,680	$6,645,200	$6,367,217	$6,510,806	$6,723,911	$9,860,885	$12,952,200	$137,839,288

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET)**													Total	
49	**Customers**														
50		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
51															
52	Residential non-heat	27,216	26,967	26,804	26,630	26,481	26,363	26,285	26,261	26,269	26,182	26,190	26,205	26,488	
53															
54	Residential non-heat Low Income	307	325	338	359	386	375	362	359	342	338	340	271	342	
55															
56	Residential heat	182,445	182,570	180,645	178,115	176,005	175,069	175,128	175,181	175,521	176,523	177,992	181,650	178,070	
57															
58	Residential heat Low Income	18,260	18,500	20,325	22,258	22,859	22,597	22,016	21,586	21,319	21,033	21,484	18,896	20,928	
59															
60	Small	18,810	18,805	18,742	18,543	18,338	18,166	18,070	17,971	17,946	18,061	18,342	18,565	18,363	
61															
62	Medium	2,959	2,957	2,941	2,916	2,899	2,884	2,876	2,890	2,896	2,928	2,939	2,958	2,920	
63															
64	Medium FT-1	429	430	430	430	429	432	432	432	441	433	432	430	432	
65															
66	Medium FT-2	943	959	966	979	981	989	992	1,004	1,008	1,014	1,032	1,051	993	
67															
68	LLF large	133	132	132	129	129	126	124	120	120	123	124	131	127	
69															
70	LLF large FT-1	159	162	162	162	161	161	161	162	160	166	168	165	162	
71															
72	LLF large FT-2	132	133	135	137	137	136	136	141	146	147	147	150	140	
73															
74	LLF XL	2	3	2	2	3	3	3	4	5	5	5	5	4	
75															
76	LLF XL FT-1	22	22	25	25	25	25	25	26	27	27	27	27	25	
77															
78	LLF XL FT-2	5	5	5	5	5	5	5	3	3	3	3	3	4	
79															
80	HLF large	49	48	45	46	49	47	47	42	43	45	43	46	46	
81															
82	HLF large FT-1	69	69	69	69	69	69	69	69	65	65	63	63	67	
83															
84	HLF large FT-2	44	44	45	42	41	44	44	41	41	40	40	41	42	
85															
86	HLF XL	7	7	7	7	7	7	7	8	7	7	6	6	7	
87															
88	HLF XL FT-1	64	64	64	65	66	66	66	66	64	64	65	65	65	
89															
90	HLF XL FT-2	8	8	8	7	7	7	7	6	6	6	6	6	7	
91															
92															
93	Total	252,063	252,210	251,890	250,926	249,077	247,571	246,855	246,372	246,429	247,210	249,448	250,734	249,232	
94															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
95															
96	**Customer Charge ($)**														
97	Base rates effective 09/01/08														
98		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
99															
100	Residential non-heat	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00		
101															
102	Residential non-heat Low Income	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00		
103															
104	Residential heat	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
105															
106	Residential heat Low Income	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80		
107															
108	Small	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60		
109															
110	Medium	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00		
111															
112	Medium FT-1	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00		
113															
114	Medium FT-2	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00		
115															
116	LLF large	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
117															
118	LLF large FT-1	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
119															
120	LLF large FT-2	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
121															
122	LLF XL	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
123															
124	LLF XL FT-1	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
125															
126	LLF XL FT-2	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
127															
128	HLF large	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
129															
130	HLF large FT-1	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
131															
132	HLF large FT-2	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00		
133															
134	HLF XL	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
135															
136	HLF XL FT-1	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
137															
138	HLF XL FT-2	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		
139															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
140	Default														
141															
142	**Customer Charge Revenue**														
143		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
144															
145	Residential non-heat	$272,160	$269,670	$268,040	$266,300	$264,810	$263,630	$262,850	$262,610	$262,690	$261,820	$261,900	$262,050	$3,178,530	
146															
147	Residential non-heat Low Income	$2,763	$2,925	$3,042	$3,231	$3,474	$3,375	$3,258	$3,231	$3,078	$3,042	$3,060	$2,439	$36,918	
148															
149	Residential heat	$2,189,340	$2,190,840	$2,167,740	$2,137,380	$2,112,060	$2,100,828	$2,101,536	$2,102,172	$2,106,252	$2,118,276	$2,135,904	$2,179,800	$25,642,128	
150															
151	Residential heat Low Income	$197,208	$199,800	$219,510	$240,386	$246,877	$244,048	$237,773	$233,129	$230,245	$227,156	$232,027	$204,077	$2,712,236	
152															
153	Small	$349,866	$349,773	$348,601	$344,900	$341,087	$337,888	$336,102	$334,261	$333,796	$335,935	$341,161	$345,309	$4,098,679	
154															
155	Medium	$177,540	$177,420	$176,460	$174,960	$173,940	$173,040	$172,560	$173,400	$173,760	$175,680	$176,340	$177,480	$2,102,580	
156															
157	Medium FT-1	$25,740	$25,800	$25,800	$25,800	$25,740	$25,920	$25,920	$25,920	$26,460	$25,980	$25,920	$25,800	$310,800	
158															
159	Medium FT-2	$56,580	$57,540	$57,960	$58,740	$58,860	$59,340	$59,520	$60,240	$60,480	$60,840	$61,920	$63,060	$715,080	
160															
161	LLF large	$15,960	$15,840	$15,840	$15,480	$15,480	$15,120	$14,880	$14,400	$14,400	$14,760	$14,880	$15,720	$182,760	
162															
163	LLF large FT-1	$19,080	$19,440	$19,440	$19,440	$19,320	$19,320	$19,320	$19,440	$19,200	$19,920	$20,160	$19,800	$233,880	
164															
165	LLF large FT-2	$15,840	$15,960	$16,200	$16,440	$16,440	$16,320	$16,320	$16,920	$17,520	$17,640	$17,640	$18,000	$201,240	
166															
167	LLF XL	$600	$900	$600	$600	$900	$900	$900	$1,200	$1,500	$1,500	$1,500	$1,500	$12,600	
168															
169	LLF XL FT-1	$6,600	$6,600	$7,500	$7,500	$7,500	$7,500	$7,500	$7,800	$8,100	$8,100	$8,100	$8,100	$90,900	
170															
171	LLF XL FT-2	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$900	$900	$900	$900	$900	$15,000	
172															
173	HLF large	$5,880	$5,760	$5,400	$5,520	$5,880	$5,640	$5,640	$5,040	$5,160	$5,400	$5,160	$5,520	$66,000	
174															
175	HLF large FT-1	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$7,800	$7,800	$7,560	$7,560	$96,960	
176															
177	HLF large FT-2	$5,280	$5,280	$5,400	$5,040	$4,920	$5,280	$5,280	$4,920	$4,920	$4,800	$4,800	$4,920	$60,840	
178															
179	HLF XL	$2,100	$2,100	$2,100	$2,100	$2,100	$2,100	$2,100	$2,400	$2,100	$2,100	$1,800	$1,800	$24,900	
180															
181	HLF XL FT-1	$19,200	$19,200	$19,200	$19,500	$19,800	$19,800	$19,800	$19,800	$19,200	$19,200	$19,500	$19,500	$233,700	
182															
183	HLF XL FT-2	$2,400	$2,400	$2,400	$2,100	$2,100	$2,100	$2,100	$1,800	$1,800	$1,800	$1,800	$1,800	$24,600	
184															
185															
186															
187	**Total**	$3,373,917	$3,377,028	$3,371,013	$3,355,197	$3,331,068	$3,311,929	$3,303,139	$3,297,863	$3,299,361	$3,312,649	$3,342,032	$3,365,135	$40,040,331	
188															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
189															
190	**Normal Volumes (dth's)**														
191		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
192															
193	Residential non-heat	80,291	77,880	71,380	60,827	42,710	35,440	29,795	25,513	28,158	28,795	44,902	58,419	584,108	
194															
195	Residential non-heat Low Income	3,680	3,784	3,139	2,654	1,609	945	705	596	638	667	1,359	1,937	21,714	
196															
197	Residential heat	2,936,579	3,002,716	2,553,935	1,846,415	916,609	516,544	370,171	338,829	351,772	377,847	968,798	1,475,571	15,655,786	
198															
199	Residential heat Low Income	292,433	303,056	262,740	220,446	115,650	72,022	51,918	42,811	45,824	48,550	115,849	157,441	1,728,739	
200															
201	Small	483,864	493,167	406,690	275,931	123,879	69,068	55,335	46,827	46,031	47,654	123,136	199,381	2,370,962	
202															
203	Medium	550,825	568,421	493,911	354,285	201,943	120,519	123,891	55,774	95,226	98,205	201,778	286,754	3,151,533	
204															
205	Medium FT-1	116,328	113,624	86,157	68,251	34,922	34,237	26,402	30,027	32,048	43,552	70,505	71,907	727,957	
206															
207	Medium FT-2	200,296	214,662	205,620	132,946	83,076	54,838	42,219	35,737	39,522	55,315	85,184	125,713	1,275,127	
208															
209	LLF large	115,964	148,620	116,811	90,910	30,860	26,849	11,428	11,547	5,509	11,857	43,049	65,504	678,908	
210															
211	LLF large FT-1	167,323	174,967	141,583	106,469	41,813	17,869	15,214	18,762	26,110	41,884	138,530	158,337	1,048,860	
212															
213	LLF large FT-2	136,722	144,473	126,445	88,585	56,279	14,218	15,879	12,410	15,106	19,828	55,734	90,061	775,739	
214															
215	LLF XL	5,132	5,494	4,265	4,131	2,865	1,934	1,664	1,369	895	4,891	5,977	7,337	45,955	
216															
217	LLF XL FT-1	148,556	151,346	122,463	105,666	48,088	15,908	12,768	15,780	24,948	41,259	119,225	116,720	922,729	
218															
219	LLF XL FT-2	10,795	14,933	11,572	8,565	3,949	2,156	2,808	1,700	1,506	4,439	3,301	5,131	70,855	
220															
221	HLF large	35,858	22,148	38,724	25,991	18,567	17,110	15,952	16,614	15,490	14,239	21,420	21,219	263,332	
222															
223	HLF large FT-1	61,042	61,697	52,273	45,009	35,881	31,477	25,870	30,954	30,335	32,424	38,799	39,984	485,744	
224															
225	HLF large FT-2	30,595	29,778	29,366	24,528	18,634	15,697	15,021	13,286	14,111	13,712	19,363	23,314	247,405	
226															
227	HLF XL	35,072	18,843	24,074	17,184	14,335	12,683	12,210	10,280	12,906	11,450	14,479	15,102	198,618	
228															
229	HLF XL FT-1	489,654	484,193	460,559	414,922	355,564	367,239	333,727	375,274	347,418	351,172	408,857	423,230	4,811,808	
230															
231	HLF XL FT-2	20,902	22,720	19,881	17,947	13,729	12,681	10,663	10,998	11,069	9,634	12,705	12,707	175,636	
232															
233															
234															
235	Total	5,921,909	6,056,522	5,231,586	3,911,664	2,160,960	1,439,434	1,173,641	1,095,090	1,144,621	1,257,375	2,492,948	3,355,767	35,241,518	
236															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
237															
238	**Allocation to Head Block**														
239	Based on Actual Bill Frequencies														
240		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
241															
242	Residential non-heat	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
243															
244	Residential non-heat Low Income	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
245															
246	Residential heat	65.24%	64.48%	70.73%	81.57%	81.79%	70.38%	82.24%	84.23%	84.49%	82.74%	67.98%	86.46%		
247															
248	Residential heat Low Income	68.15%	67.60%	78.75%	87.50%	80.34%	71.06%	83.57%	90.33%	87.15%	84.92%	69.18%	90.81%		
249															
250	Small	38.54%	38.80%	43.67%	52.59%	53.05%	25.26%	24.41%	26.70%	27.94%	28.84%	44.59%	60.51%		
251															
252	Medium	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
253															
254	Medium FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
255															
256	Medium FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
257															
258	LLF large	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
259															
260	LLF large FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
261															
262	LLF large FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
263															
264	LLF XL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
265															
266	LLF XL FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
267															
268	LLF XL FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
269															
270	HLF large	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
271															
272	HLF large FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
273															
274	HLF large FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
275															
276	HLF XL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
277															
278	HLF XL FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
279															
280	HLF XL FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
281															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
282															
283	**Variable Base Rates ($ per dth)**														
284	Base Rates effective 12/01/08														
285															
286															
287		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
288															
289	Residential non-heat	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290		
290		$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290		
291	Residential non-heat Low Income	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260		
292		$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260		
293	Residential heat	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810		
294		$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000		
295	Residential heat Low Income	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930		
296		$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500		
297	Small	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450		
298		$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000		
299	Medium	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030		
300															
301	Medium FT-1	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030		
302															
303	Medium FT-2	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030		
304															
305	LLF large	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380		
306															
307	LLF large FT-1	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380		
308															
309	LLF large FT-2	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380		
310															
311	LLF XL	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480		
312															
313	LLF XL FT-1	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480		
314															
315	LLF XL FT-2	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480		
316															
317	HLF large	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940		
318															
319	HLF large FT-1	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940		
320															
321	HLF large FT-2	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940		
322															
323	HLF XL	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680		
324															
325	HLF XL FT-1	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680		
326															
327	HLF XL FT-2	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680		
328															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
329															
330	**Variable Base Revenue**														
331		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
332															
333	Residential non-heat	$323,491	$313,777	$287,588	$245,073	$172,078	$142,786	$120,044	$102,792	$113,447	$116,016	$180,910	$235,368	$2,353,370	
334															
335	Residential non-heat Low Income	$13,343	$13,720	$11,381	$9,625	$5,834	$3,428	$2,557	$2,160	$2,314	$2,420	$4,929	$7,025	$78,736	
336															
337	Residential heat	$9,987,396	$10,180,578	$8,879,496	$6,696,056	$3,326,852	$1,793,448	$1,345,867	$1,241,185	$1,289,903	$1,376,337	$3,331,512	$5,450,681	$54,899,311	
338															
339	Residential heat Low Income	$905,704	$936,534	$848,359	$735,765	$375,698	$225,669	$170,744	$144,390	$152,745	$160,486	$360,274	$531,957	$5,548,325	
340															
341	Small	$1,498,320	$1,530,709	$1,318,658	$964,734	$434,730	$187,766	$149,094	$129,218	$128,651	$134,412	$402,495	$741,990	$7,620,777	
342															
343	Medium	$882,973	$911,180	$791,739	$567,920	$323,714	$193,193	$198,598	$89,405	$152,647	$157,423	$323,450	$459,666	$5,051,908	
344															
345	Medium FT-1	$186,473	$182,139	$138,109	$109,406	$55,980	$54,881	$42,322	$48,133	$51,372	$69,813	$113,020	$115,266	$1,166,914	
346															
347	Medium FT-2	$321,074	$344,103	$329,609	$213,112	$133,171	$87,905	$67,677	$57,287	$63,354	$88,670	$136,549	$201,517	$2,044,028	
348															
349	LLF large	$189,949	$243,440	$191,337	$148,911	$50,548	$43,979	$18,719	$18,915	$9,024	$19,421	$70,514	$107,296	$1,112,053	
350															
351	LLF large FT-1	$274,075	$286,595	$231,912	$174,396	$68,489	$29,269	$24,921	$30,733	$42,768	$68,606	$226,912	$259,356	$1,718,032	
352															
353	LLF large FT-2	$223,950	$236,647	$207,116	$145,102	$92,185	$23,288	$26,009	$20,328	$24,743	$32,478	$91,292	$147,521	$1,270,659	
354															
355	LLF XL	$1,786	$1,912	$1,484	$1,438	$997	$673	$579	$477	$311	$1,702	$2,080	$2,553	$15,992	
356															
357	LLF XL FT-1	$51,698	$52,668	$42,617	$36,772	$16,735	$5,536	$4,443	$5,492	$8,682	$14,358	$41,490	$40,618	$321,109	
358															
359	LLF XL FT-2	$3,757	$5,197	$4,027	$2,981	$1,374	$750	$977	$592	$524	$1,545	$1,149	$1,785	$24,658	
360															
361	HLF large	$32,057	$19,800	$34,619	$23,236	$16,599	$15,296	$14,261	$14,853	$13,848	$12,730	$19,149	$18,970	$235,418	
362															
363	HLF large FT-1	$54,571	$55,157	$46,732	$40,238	$32,077	$28,141	$23,128	$27,673	$27,119	$28,987	$34,686	$35,746	$434,255	
364															
365	HLF large FT-2	$27,352	$26,621	$26,253	$21,928	$16,658	$14,033	$13,429	$11,877	$12,615	$12,259	$17,311	$20,843	$221,179	
366															
367	HLF XL	$9,399	$5,050	$6,452	$4,605	$3,842	$3,399	$3,272	$2,755	$3,459	$3,069	$3,880	$4,047	$53,229	
368															
369	HLF XL FT-1	$131,227	$129,764	$123,430	$111,199	$95,291	$98,420	$89,439	$100,573	$93,108	$94,114	$109,574	$113,426	$1,289,565	
370															
371	HLF XL FT-2	$5,602	$6,089	$5,328	$4,810	$3,679	$3,399	$2,858	$2,947	$2,967	$2,582	$3,405	$3,406	$47,072	
372															
373	**Total**	$15,124,197	$15,481,680	$13,526,246	$10,257,307	$5,226,531	$2,955,259	$2,318,938	$2,051,785	$2,193,601	$2,397,428	$5,474,581	$8,499,037	$85,506,590	
374															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
375	**Demand Volumes**														
376															
377		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
378															
379	Medium	19,238	19,204	19,206	18,833	18,743	18,759	18,265	18,247	18,463	18,049	19,386	20,053	226,446	
380															
381	Medium FT-1	3,843	3,901	3,576	4,123	3,881	3,884	3,918	3,879	3,886	4,218	4,022	4,043	47,174	
382															
383	Medium FT-2	6,834	6,965	7,450	7,337	7,388	7,342	7,678	7,319	7,822	7,718	7,720	8,188	89,762	
384															
385	LLF large	4,361	3,980	4,685	4,139	3,330	4,933	4,582	4,441	3,746	4,101	5,008	4,848	52,154	
386															
387	LLF large FT-1	6,902	6,834	6,982	7,042	6,822	7,050	6,907	6,965	7,083	7,277	7,135	7,382	84,381	
388															
389	LLF large FT-2	4,977	5,027	5,031	5,033	5,287	5,078	5,306	5,168	5,253	5,511	5,880	6,086	63,638	
390															
391	LLF XL	191	191	191	191	191	191	300	409	422	500	583	596	3,953	
392															
393	LLF XL FT-1	5,383	5,440	4,020	7,491	5,756	5,756	5,756	5,855	5,954	6,111	5,913	6,278	69,711	
394															
395	LLF XL FT-2	519	519	519	519	519	519	519	519	337	-122	265	273	4,908	
396															
397	HLF large	1,197	1,345	1,198	1,053	1,076	922	1,094	1,140	1,246	1,199	1,154	1,130	13,754	
398															
399	HLF large FT-1	2,133	2,109	2,109	2,109	2,133	2,109	2,109	2,109	2,060	1,966	1,971	1,866	24,780	
400															
401	HLF large FT-2	1,157	1,135	1,165	1,298	1,184	1,204	1,301	1,230	1,157	1,202	1,038	1,081	14,152	
402															
403	HLF XL	1,660	718	718	718	718	718	718	718	780	654	791	629	9,539	
404															
405	HLF XL FT-1	16,888	16,888	16,888	16,888	16,888	17,666	17,277	17,277	17,216	16,909	16,922	18,514	206,221	
406															
407	HLF XL FT-2	729	729	729	729	656	656	656	656	569	569	615	578	7,869	
408															
409	**Total**	76,012	74,984	74,467	77,503	74,573	76,786	76,385	75,931	75,993	75,862	78,402	81,546	918,443	
410															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
411															
412	**Demand Rates per dth**														
413	Based on rates effective 12/01/08														
414		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11		
415															
416	Medium	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
417															
418	Medium FT-1	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
419															
420	Medium FT-2	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
421															
422	LLF large	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
423															
424	LLF large FT-1	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
425															
426	LLF large FT-2	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
427															
428	LLF XL	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
429															
430	LLF XL FT-1	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
431															
432	LLF XL FT-2	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		
433															
434	HLF large	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
435															
436	HLF large FT-1	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
437															
438	HLF large FT-2	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
439															
440	HLF XL	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
441															
442	HLF XL FT-1	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
443															
444	HLF XL FT-2	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60		
445															
446															
447															
448															

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
449															
450	**Demand Revenues**														
451															
452		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
453															
454	Medium	$230,853	$230,450	$230,467	$225,994	$224,916	$225,109	$219,181	$218,960	$221,558	$216,590	$232,629	$240,641	$2,717,348	
455															
456	Medium FT-1	$46,117	$46,813	$42,917	$49,478	$46,577	$46,603	$47,011	$46,544	$46,629	$50,617	$48,266	$48,514	$566,086	
457															
458	Medium FT-2	$82,007	$83,578	$89,396	$88,042	$88,655	$88,105	$92,142	$87,832	$93,866	$92,616	$92,644	$98,259	$1,077,142	
459															
460	LLF large	$52,326	$47,761	$56,222	$49,670	$39,961	$59,200	$54,986	$53,292	$44,947	$49,211	$60,097	$58,174	$625,847	
461															
462	LLF large FT-1	$82,828	$82,003	$83,789	$84,499	$81,862	$84,600	$82,878	$83,584	$84,998	$87,330	$85,614	$88,589	$1,012,574	
463															
464	LLF large FT-2	$59,720	$60,330	$60,366	$60,400	$63,446	$60,939	$63,671	$62,021	$63,039	$66,129	$70,564	$73,030	$763,655	
465															
466	LLF XL	$2,286	$2,286	$2,286	$2,286	$2,286	$2,286	$3,598	$4,910	$5,060	$6,002	$6,996	$7,158	$47,440	
467															
468	LLF XL FT-1	$64,598	$65,278	$48,245	$89,892	$69,068	$69,068	$69,068	$70,256	$71,444	$73,330	$70,951	$75,337	$836,535	
469															
470	LLF XL FT-2	$6,232	$6,232	$6,232	$6,232	$6,232	$6,232	$6,232	$6,232	$4,044	-$1,463	$3,185	$3,271	$58,893	
471															
472	HLF large	$19,876	$22,324	$19,890	$17,479	$17,863	$15,313	$18,165	$18,917	$20,681	$19,902	$19,149	$18,759	$228,318	
473															
474	HLF large FT-1	$35,411	$35,001	$35,001	$35,001	$35,411	$35,001	$35,001	$35,001	$34,191	$32,638	$32,715	$30,982	$411,354	
475															
476	HLF large FT-2	$19,201	$18,842	$19,344	$21,552	$19,661	$19,983	$21,591	$20,421	$19,208	$19,952	$17,224	$17,952	$234,931	
477															
478	HLF XL	$27,553	$11,918	$11,918	$11,918	$11,918	$11,918	$11,918	$11,918	$12,950	$10,848	$13,136	$10,440	$158,353	
479															
480	HLF XL FT-1	$280,342	$280,342	$280,342	$280,342	$280,346	$293,252	$286,798	$286,798	$285,783	$280,686	$280,899	$307,332	$3,423,262	
481															
482	HLF XL FT-2	$12,103	$12,103	$12,103	$12,103	$10,883	$10,883	$10,883	$10,883	$9,446	$9,446	$10,203	$9,590	$130,629	
483															
484	**Total**	$1,021,453	$1,005,261	$998,518	$1,034,888	$999,085	$1,028,492	$1,023,123	$1,017,569	$1,017,844	$1,013,834	$1,044,272	$1,088,028	$12,292,367	

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Rhode Island: - 12 months ending December 31, 2011**														
2	**Revenues, Customers, Consumption**														
3															
4	**Total Base Revenue: Normal Volumes: Jan 11 - Dec 11 (Net of GET**													Total	
650															
651	**SALES (dth)**	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan 11-Dec 11	
652	Residential Non-Heating	80,291	77,880	71,380	60,827	42,710	35,440	29,795	25,513	28,158	28,795	44,902	58,419	584,108	
653	Residential Non-heating -LI	3,680	3,784	3,139	2,654	1,609	945	705	596	638	667	1,359	1,937	21,714	
654	Residential Heating	2,936,579	3,002,716	2,553,935	1,846,415	916,609	516,544	370,171	338,829	351,772	377,847	968,798	1,475,571	15,655,786	
655	Residential Heating - LI	292,433	303,056	262,740	220,446	115,650	72,022	51,918	42,811	45,824	48,550	115,849	157,441	1,728,739	
656	Small C&I	483,864	493,167	406,690	275,931	123,879	69,068	55,335	46,827	46,031	47,654	123,136	199,381	2,370,962	
657	Medium C&I	550,825	568,421	493,911	354,285	201,943	120,519	123,891	55,774	95,226	98,205	201,778	286,754	3,151,533	
658	Large LLF	115,964	148,620	116,811	90,910	30,860	26,849	11,428	11,547	5,509	11,857	43,049	65,504	678,908	
659	Large HLF	35,858	22,148	38,724	25,991	18,567	17,110	15,952	16,614	15,490	14,239	21,420	21,219	263,332	
660	Extra Large LLF	5,132	5,494	4,265	4,131	2,865	1,934	1,664	1,369	895	4,891	5,977	7,337	45,955	
661	Extra Large HLF	35,072	18,843	24,074	17,184	14,335	12,683	12,210	10,280	12,906	11,450	14,479	15,102	198,618	
662	**Total Sales**	4,539,698	4,644,129	3,975,670	2,898,776	1,469,026	873,114	673,070	550,160	602,448	644,156	1,540,746	2,288,664	24,699,657	
663															
664	**FT-2 TRANSPORTATION**														
665	FT-2 Medium	200,296	214,662	205,620	132,946	83,076	54,838	42,219	35,737	39,522	55,315	85,184	125,713	1,275,127	
666	FT-2 Large LLF	136,722	144,473	126,445	88,585	56,279	14,218	15,879	12,410	15,106	19,828	55,734	90,061	775,739	
667	FT-2 Large HLF	30,595	29,778	29,366	24,528	18,634	15,697	15,021	13,286	14,111	13,712	19,363	23,314	247,405	
668	FT-2 Extra Large LLF	10,795	14,933	11,572	8,565	3,949	2,156	2,808	1,700	1,506	4,439	3,301	5,131	70,855	
669	FT-2 Extra Large HLF	20,902	22,720	19,881	17,947	13,729	12,681	10,663	10,998	11,069	9,634	12,705	12,707	175,636	
670	**Total Transportation**	399,310	426,566	392,883	272,571	175,667	99,590	86,590	74,131	81,314	102,928	176,286	256,926	2,544,762	
671															
672	**Sales & FT-2 THROUGHPUT**														
673	Residential Non-Heating	80,291	77,880	71,380	60,827	42,710	35,440	29,795	25,513	28,158	28,795	44,902	58,419	584,108	
674	Residential Non-Heating - LI	3,680	3,784	3,139	2,654	1,609	945	705	596	638	667	1,359	1,937	21,714	
675	Residential Heating	2,936,579	3,002,716	2,553,935	1,846,415	916,609	516,544	370,171	338,829	351,772	377,847	968,798	1,475,571	15,655,786	
676	Residential Heating - LI	292,433	303,056	262,740	220,446	115,650	72,022	51,918	42,811	45,824	48,550	115,849	157,441	1,728,739	
677	Small C&I	483,864	493,167	406,690	275,931	123,879	69,068	55,335	46,827	46,031	47,654	123,136	199,381	2,370,962	
678	Medium C&I	751,121	783,084	699,531	487,231	285,019	175,357	166,110	91,511	134,748	153,520	286,961	412,466	4,426,660	
679	Large LLF	252,686	293,094	243,256	179,495	87,139	41,067	27,306	23,958	20,615	31,685	98,783	155,566	1,454,648	
680	Large HLF	66,452	51,926	68,090	50,520	37,201	32,807	30,973	29,900	29,600	27,951	40,783	44,533	510,737	
681	Extra Large LLF	15,927	20,427	15,837	12,697	6,813	4,090	4,472	3,069	2,401	9,330	9,278	12,468	116,810	
682	Extra Large HLF	55,974	41,563	43,955	35,131	28,064	25,364	22,872	21,278	23,975	21,084	27,184	27,809	374,255	
683	**Total Throughput**	4,939,007	5,070,695	4,368,553	3,171,347	1,644,692	972,704	759,659	624,292	683,763	747,084	1,717,033	2,545,590	27,244,420	
684															
685	**FT-1 TRANSPORTATION**														
686	FT-1 Medium	116,328	113,624	86,157	68,251	34,922	34,237	26,402	30,027	32,048	43,552	70,505	71,907	727,957	
687	FT-1 Large LLF	167,323	174,967	141,583	106,469	41,813	17,869	15,214	18,762	26,110	41,884	138,530	158,337	1,048,860	
688	FT-1 Large HLF	61,042	61,697	52,273	45,009	35,881	31,477	25,870	30,954	30,335	32,424	38,799	39,984	485,744	
689	FT-1 Extra Large LLF	148,556	151,346	122,463	105,666	48,088	15,908	12,768	15,780	24,948	41,259	119,225	116,720	922,729	
690	FT-1 Extra Large HLF	489,654	484,193	460,559	414,922	355,564	367,239	333,727	375,274	347,418	351,172	408,857	423,230	4,811,808	
691	**Total Transportation**	982,902	985,827	863,033	740,317	516,268	466,730	413,982	470,798	460,858	510,291	775,916	810,177	7,997,098	
692															
693	**Total THROUGHPUT**														
694	Residential Non-Heating	80,291	77,880	71,380	60,827	42,710	35,440	29,795	25,513	28,158	28,795	44,902	58,419	584,108	
695	Residential Non-Heating - LI	3,680	3,784	3,139	2,654	1,609	945	705	596	638	667	1,359	1,937	21,714	
696	Residential Heating	2,936,579	3,002,716	2,553,935	1,846,415	916,609	516,544	370,171	338,829	351,772	377,847	968,798	1,475,571	15,655,786	
697	Residential Heating - LI	292,433	303,056	262,740	220,446	115,650	72,022	51,918	42,811	45,824	48,550	115,849	157,441	1,728,739	
698	Small C&I	483,864	493,167	406,690	275,931	123,879	69,068	55,335	46,827	46,031	47,654	123,136	199,381	2,370,962	
699	Medium C&I	867,449	896,707	785,688	555,482	319,941	209,594	192,512	121,538	166,796	197,072	357,466	484,373	5,154,618	
700	Large LLF	420,008	468,060	384,839	285,964	128,951	58,936	42,521	42,720	46,724	73,569	237,313	313,903	2,503,507	
701	Large HLF	127,494	113,623	120,363	95,529	73,082	64,285	56,843	60,854	59,935	60,375	79,582	84,517	996,481	
702	Extra Large LLF	164,483	171,773	138,299	118,363	54,901	19,998	17,241	18,850	27,349	50,589	128,503	129,188	1,039,539	
703	Extra Large HLF	545,628	525,756	504,514	450,054	383,628	392,603	356,600	396,552	371,393	372,256	436,041	451,039	5,186,063	
704	**Total Throughput**	5,921,909	6,056,522	5,231,586	3,911,664	2,160,960	1,439,434	1,173,641	1,095,090	1,144,621	1,257,375	2,492,948	3,355,767	35,241,518	
705															

WORKPAPER AEL-3

2013-14 Rate Year Revenues at Current Rates

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
4	**Rate Year Revenues (Net of GET)**													
5		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb 13-Jan14
6														
7	Residential non-heat	$536,996	$522,856	$474,726	$408,825	$373,221	$355,736	$339,154	$345,709	$359,316	$398,806	$469,233	$531,693	$5,116,271
8														
9	Residential non-heat Low Income	$12,958	$12,957	$10,422	$8,272	$5,609	$5,179	$4,729	$4,847	$5,186	$7,026	$10,088	$11,242	$98,515
10														
11	Residential heat	$11,806,065	$10,925,273	$8,436,138	$5,509,548	$3,939,588	$3,510,153	$3,329,330	$3,379,033	$3,670,715	$5,425,373	$8,774,301	$11,351,959	$80,057,476
12														
13	Residential heat Low Income	$1,187,245	$1,173,858	$943,455	$628,014	$470,075	$412,703	$377,147	$384,530	$411,262	$592,859	$941,666	$1,117,926	$8,640,740
14														
15	Small	$1,680,513	$1,730,440	$1,283,289	$811,373	$531,330	$499,580	$462,954	$460,944	$506,917	$763,234	$1,297,295	$1,952,617	$11,980,486
16														
17	Medium	$1,250,158	$1,210,463	$936,474	$728,933	$603,321	$552,767	$499,250	$527,324	$557,835	$741,771	$901,271	$1,238,175	$9,747,742
18														
19	Medium FT-1	$253,485	$206,987	$183,669	$148,787	$136,953	$114,164	$115,878	$128,862	$157,753	$192,644	$232,464	$254,156	$2,125,802
20														
21	Medium FT-2	$471,717	$475,208	$374,915	$297,154	$254,954	$213,616	$210,726	$219,265	$248,657	$299,744	$413,355	$462,156	$3,941,467
22														
23	LLF large	$266,815	$288,550	$250,198	$101,498	$108,679	$87,741	$80,543	$81,630	$94,325	$148,944	$199,980	$281,458	$1,990,361
24														
25	LLF large FT-1	$374,241	$311,802	$224,005	$164,579	$122,698	$118,458	$121,027	$131,083	$172,038	$249,649	$342,612	$374,078	$2,706,270
26														
27	LLF large FT-2	$338,302	$337,250	$263,134	$170,169	$121,202	$115,058	$92,700	$99,419	$124,825	$184,816	$277,777	$297,579	$2,422,231
28														
29	LLF XL	$3,894	$5,101	$4,346	$3,201	$3,032	$3,428	$3,217	$2,797	$4,046	$4,491	$4,774	$4,675	$47,002
30														
31	LLF XL FT-1	$118,350	$83,846	$114,797	$86,984	$78,655	$77,304	$76,419	$76,322	$84,037	$98,308	$117,672	$110,368	$1,123,062
32														
33	LLF XL FT-2	$14,004	$13,242	$12,128	$10,354	$8,711	$8,681	$12,490	$9,116	$1,024	$9,051	$12,283	$12,061	$123,145
34														
35	HLF large	$57,617	$57,826	$47,686	$41,929	$33,396	$35,275	$37,037	$41,474	$39,413	$45,166	$45,891	$57,941	$540,651
36														
37	HLF large FT-1	$107,227	$103,239	$92,543	$90,619	$84,564	$75,291	$78,201	$84,450	$84,262	$90,238	$98,763	$109,197	$1,098,594
38														
39	HLF large FT-2	$53,120	$55,779	$54,558	$46,820	$43,299	$48,346	$42,763	$42,241	$44,845	$46,622	$54,482	$54,323	$587,198
40														
41	HLF XL	$17,323	$16,820	$16,034	$14,873	$15,741	$15,686	$13,831	$15,995	$13,619	$18,186	$17,694	$32,873	$208,675
42														
43	HLF XL FT-1	$338,697	$331,718	$319,259	$302,440	$322,445	$308,268	$314,138	$318,016	$314,719	$319,494	$351,516	$349,267	$3,889,977
44														
45	HLF XL FT-2	$20,424	$19,772	$21,342	$19,877	$19,563	$18,603	$21,020	$19,141	$18,956	$20,472	$21,376	$20,034	$240,580
46														
47	Total	$18,909,151	$17,882,987	$14,063,118	$9,594,249	$7,277,036	$6,576,037	$6,232,554	$6,372,198	$6,913,750	$9,656,894	$14,584,493	$18,623,778	$136,686,245
48														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
49	**Customers**													
50		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Average
51														
52	Residential non-heat	25,545	25,424	25,252	25,096	24,999	24,923	24,921	24,916	24,906	24,880	24,831	24,707	25,034
53														
54	Residential non-heat Low Income	330	328	326	324	323	322	322	322	322	321	321	319	323
55														
56	Residential heat	182,298	182,415	181,579	180,528	179,377	178,750	178,347	178,635	179,934	181,777	183,085	183,742	180,872
57														
58	Residential heat Low Income	21,435	21,449	21,351	21,227	21,092	21,018	20,971	21,004	21,157	21,374	21,528	21,605	21,268
59														
60	Small	18,731	18,585	18,454	18,264	18,077	17,952	17,884	17,992	18,205	18,450	18,636	18,709	18,328
61														
62	Medium	2,835	2,834	2,833	2,832	2,832	2,831	2,831	2,832	2,832	2,833	2,832	2,832	2,832
63														
64	Medium FT-1	430	430	430	430	430	430	430	430	431	431	431	431	430
65														
66	Medium FT-2	1,027	1,027	1,028	1,029	1,029	1,030	1,030	1,030	1,032	1,032	1,033	1,034	1,030
67														
68	LLF large	126	126	126	126	126	126	126	126	126	126	127	126	126
69														
70	LLF large FT-1	149	149	149	149	149	149	149	149	149	150	150	150	149
71														
72	LLF large FT-2	134	134	134	134	134	134	134	134	135	135	135	135	134
73														
74	LLF XL	2	2	2	2	2	2	2	2	2	2	2	2	2
75														
76	LLF XL FT-1	24	24	24	24	24	24	24	24	24	24	24	24	24
77														
78	LLF XL FT-2	5	5	5	5	5	5	5	5	5	5	5	5	5
79														
80	HLF large	46	46	46	45	45	45	45	45	46	47	47	47	46
81														
82	HLF large FT-1	69	69	69	69	69	69	69	69	69	69	69	69	69
83														
84	HLF large FT-2	44	44	44	44	44	44	44	44	44	44	44	44	44
85														
86	HLF XL	6	6	6	6	6	6	6	6	6	6	6	6	6
87														
88	HLF XL FT-1	50	50	50	50	50	50	50	50	50	50	50	50	50
89														
90	HLF XL FT-2	8	8	8	8	8	8	8	8	8	8	8	8	8
91														
92														
93	Total	253,294	253,155	251,916	250,392	248,821	247,918	247,398	247,823	249,483	251,764	253,364	254,045	250,781
94														
95														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
96	**Customer Charge ($)**													
97	Base rates effective 09/01/08													
98		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	
99														
100	Residential non-heat	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	$10.00	
101														
102	Residential non-heat Low Income	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	
103														
104	Residential heat	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
105														
106	Residential heat Low Income	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	$10.80	
107														
108	Small	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	$18.60	
109														
110	Medium	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	
111														
112	Medium FT-1	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	
113														
114	Medium FT-2	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	
115														
116	LLF large	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	
117														
118	LLF large FT-1	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	
119														
120	LLF large FT-2	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	
121														
122	LLF XL	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	
123														
124	LLF XL FT-1	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	
125														
126	LLF XL FT-2	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	
127														
128	HLF large	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	
129														
130	HLF large FT-1	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	
131														
132	HLF large FT-2	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	$120.00	
133														
134	HLF XL	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	
135														
136	HLF XL FT-1	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	
137														
138	HLF XL FT-2	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	
139														
140	Default													
141														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
142	**Customer Charge Revenue**													
143		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb 13-Jan 14
144														
145	Residential non-heat	$255,452	$254,238	$252,520	$250,960	$249,993	$249,233	$249,213	$249,164	$249,065	$248,798	$248,315	$247,071	$3,004,022
146														
147	Residential non-heat Low Income	$2,968	$2,954	$2,934	$2,916	$2,904	$2,896	$2,895	$2,895	$2,894	$2,890	$2,885	$2,870	$34,901
148														
149	Residential heat	$2,187,574	$2,188,980	$2,178,951	$2,166,335	$2,152,527	$2,145,000	$2,140,168	$2,143,614	$2,159,205	$2,181,324	$2,197,023	$2,204,904	$26,045,605
150														
151	Residential heat Low Income	$231,500	$231,649	$230,588	$229,253	$227,791	$226,995	$226,483	$226,848	$228,498	$230,839	$232,500	$233,334	$2,756,278
152														
153	Small	$348,397	$345,681	$343,244	$339,710	$336,232	$333,907	$332,642	$334,651	$338,613	$343,170	$346,630	$347,987	$4,090,864
154														
155	Medium	$170,100	$170,040	$169,980	$169,920	$169,920	$169,860	$169,860	$169,920	$169,920	$169,980	$169,920	$169,920	$2,039,340
156														
157	Medium FT-1	$25,800	$25,800	$25,800	$25,800	$25,800	$25,800	$25,800	$25,800	$25,860	$25,860	$25,860	$25,860	$309,840
158														
159	Medium FT-2	$61,620	$61,620	$61,680	$61,740	$61,740	$61,800	$61,800	$61,800	$61,920	$61,920	$61,980	$62,040	$741,660
160														
161	LLF large	$15,120	$15,120	$15,120	$15,120	$15,120	$15,120	$15,120	$15,120	$15,120	$15,120	$15,240	$15,120	$181,560
162														
163	LLF large FT-1	$17,880	$17,880	$17,880	$17,880	$17,880	$17,880	$17,880	$17,880	$17,880	$18,000	$18,000	$18,000	$214,920
164														
165	LLF large FT-2	$16,080	$16,080	$16,080	$16,080	$16,080	$16,080	$16,080	$16,080	$16,200	$16,200	$16,200	$16,200	$193,440
166														
167	LLF XL	$600	$600	$600	$600	$600	$600	$600	$600	$600	$600	$600	$600	$7,200
168														
169	LLF XL FT-1	$7,200	$7,200	$7,200	$7,200	$7,200	$7,200	$7,200	$7,200	$7,200	$7,200	$7,200	$7,200	$86,400
170														
171	LLF XL FT-2	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$18,000
172														
173	HLF large	$5,520	$5,520	$5,520	$5,400	$5,400	$5,400	$5,400	$5,400	$5,520	$5,640	$5,640	$5,640	$66,000
174														
175	HLF large FT-1	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$8,280	$99,360
176														
177	HLF large FT-2	$5,280	$5,280	$5,280	$5,280	$5,280	$5,280	$5,280	$5,280	$5,280	$5,280	$5,280	$5,280	$63,360
178														
179	HLF XL	$1,800	$1,800	$1,800	$1,800	$1,800	$1,800	$1,800	$1,800	$1,800	$1,800	$1,800	$1,800	$21,600
180														
181	HLF XL FT-1	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$180,000
182														
183	HLF XL FT-2	$2,400	$2,400	$2,400	$2,400	$2,400	$2,400	$2,400	$2,400	$2,400	$2,400	$2,400	$2,400	$28,800
184														
185														
186														
187	**Total**	$3,380,071	$3,377,622	$3,362,357	$3,343,174	$3,323,447	$3,312,031	$3,305,401	$3,311,232	$3,332,755	$3,361,801	$3,382,253	$3,391,006	$40,183,150
188														
189														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
190	**Normal Volumes (dth's)**													
191		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb 13-Jan14
192														
193	Residential non-heat	69,879	66,671	55,152	39,182	30,585	26,434	22,323	23,963	27,364	37,232	54,832	70,643	524,261
194														
195	Residential non-heat Low Income	2,755	2,759	2,065	1,477	746	630	506	538	632	1,141	1,986	2,309	17,544
196														
197	Residential heat	2,799,325	2,498,479	1,701,931	918,811	512,659	375,274	323,302	335,402	418,272	938,570	1,818,364	2,630,889	15,271,279
198														
199	Residential heat Low Income	299,558	295,089	213,869	126,523	79,317	57,522	44,993	47,544	56,234	117,905	213,757	272,911	1,825,220
200														
201	Small	408,008	436,180	266,910	137,636	72,392	62,755	47,342	44,993	62,267	129,748	277,618	531,848	2,477,696
202														
203	Medium	535,943	510,506	341,194	211,663	132,471	104,277	71,678	87,799	111,308	216,813	312,514	528,578	3,164,742
204														
205	Medium FT-1	112,833	86,257	67,618	47,599	40,403	25,933	27,292	35,930	50,848	74,005	98,551	113,515	780,785
206														
207	Medium FT-2	199,995	198,719	137,733	88,847	63,347	35,025	36,693	38,397	57,690	90,568	158,951	193,509	1,299,475
208														
209	LLF large	125,827	134,166	113,897	28,905	20,976	10,225	5,779	11,792	17,579	44,419	78,353	132,336	724,254
210														
211	LLF large FT-1	171,513	132,391	78,392	43,308	16,193	14,577	16,038	20,786	46,259	94,754	149,009	169,682	952,904
212														
213	LLF large FT-2	159,609	159,494	114,760	56,185	27,521	22,126	10,793	15,557	29,239	63,378	119,566	134,494	912,723
214														
215	LLF XL	5,088	6,364	4,197	3,096	2,609	1,232	464	497	3,003	3,141	3,767	5,142	38,599
216														
217	LLF XL FT-1	114,763	87,159	61,209	38,731	14,797	10,913	12,550	16,137	33,493	80,575	125,019	93,958	689,302
218														
219	LLF XL FT-2	18,022	15,833	12,631	7,533	2,813	2,727	1,734	2,516	5,637	6,446	15,322	12,439	103,651
220														
221	HLF large	34,343	35,765	27,614	22,511	14,916	13,963	12,716	16,142	15,155	20,801	23,584	37,177	274,687
222														
223	HLF large FT-1	71,528	67,068	55,103	52,493	46,178	35,806	39,060	44,603	46,237	51,597	63,255	73,273	646,199
224														
225	HLF large FT-2	32,436	35,330	29,865	22,864	20,174	24,021	17,414	18,286	19,706	25,051	33,486	33,380	312,015
226														
227	HLF XL	19,805	17,929	14,995	10,663	13,904	13,698	11,541	11,550	9,403	12,128	20,349	27,821	183,786
228														
229	HLF XL FT-1	390,592	364,552	330,639	280,065	318,225	283,570	305,474	297,567	300,123	329,918	373,529	430,032	4,004,285
230														
231	HLF XL FT-2	22,094	19,662	19,067	18,803	17,630	14,050	15,332	15,475	14,783	16,673	23,099	20,637	217,304
232														
233														
234														
235	Total	5,593,917	5,170,371	3,648,839	2,156,894	1,447,856	1,134,757	1,023,025	1,085,473	1,325,232	2,354,863	3,964,911	5,514,571	34,420,710
236														
237														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
238	**Allocation to Head Block**													
239	Based on Actual Bill Frequencies													
240		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	
241														
242	Residential non-heat	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
243														
244	Residential non-heat Low Income	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
245														
246	Residential heat	67.78%	72.17%	85.19%	82.45%	71.39%	82.39%	85.31%	85.69%	80.64%	69.25%	80.89%	70.73%	
247														
248	Residential heat Low Income	75.66%	75.86%	87.14%	72.54%	64.73%	78.72%	88.39%	85.81%	80.45%	66.00%	85.89%	79.75%	
249														
250	Small	44.46%	41.29%	53.50%	50.15%	24.43%	22.50%	26.45%	28.36%	24.71%	43.50%	50.07%	35.75%	
251														
252	Medium	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
253														
254	Medium FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
255														
256	Medium FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
257														
258	LLF large	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
259														
260	LLF large FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
261														
262	LLF large FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
263														
264	LLF XL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
265														
266	LLF XL FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
267														
268	LLF XL FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
269														
270	HLF large	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
271														
272	HLF large FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
273														
274	HLF large FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
275														
276	HLF XL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
277														
278	HLF XL FT-1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
279														
280	HLF XL FT-2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
281														
282														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
283	**Variable Base Rates ($ per dth)**													
284	Base Rates effective 12/01/08													
285														
286														
287		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	
288														
289	Residential non-heat	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	
290		$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	$4.0290	
291	Residential non-heat Low Income	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	
292		$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	$3.6260	
293	Residential heat	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	$3.8810	
294		$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	$2.5000	
295	Residential heat Low Income	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	$3.4930	
296		$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	$2.2500	
297	Small	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	$4.8450	
298		$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	$2.0000	
299	Medium	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	
300														
301	Medium FT-1	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	
302														
303	Medium FT-2	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	$1.6030	
304														
305	LLF large	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	
306														
307	LLF large FT-1	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	
308														
309	LLF large FT-2	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	$1.6380	
310														
311	LLF XL	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	
312														
313	LLF XL FT-1	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	
314														
315	LLF XL FT-2	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	$0.3480	
316														
317	HLF large	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	
318														
319	HLF large FT-1	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	
320														
321	HLF large FT-2	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	$0.8940	
322														
323	HLF XL	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	
324														
325	HLF XL FT-1	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	
326														
327	HLF XL FT-2	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	$0.2680	
328														
329														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
330	**Variable Base Revenue**													
331		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb 13-Jan14
332														
333	Residential non-heat	$281,544	$268,618	$222,206	$157,865	$123,228	$106,503	$89,941	$96,545	$110,251	$150,008	$220,918	$284,622	$2,112,249
334														
335	Residential non-heat Low Income	$9,990	$10,003	$7,488	$5,356	$2,705	$2,283	$1,834	$1,952	$2,292	$4,136	$7,203	$8,372	$63,614
336														
337	Residential heat	$9,618,491	$8,736,293	$6,257,187	$3,343,213	$1,787,061	$1,365,153	$1,189,162	$1,235,419	$1,511,510	$3,244,049	$6,577,278	$9,147,055	$54,011,871
338														
339	Residential heat Low Income	$955,745	$942,209	$712,867	$398,761	$242,284	$185,708	$150,664	$157,682	$182,764	$362,020	$709,166	$884,592	$5,884,462
340														
341	Small	$1,332,116	$1,384,759	$940,045	$471,663	$195,098	$165,673	$130,312	$126,293	$168,304	$420,064	$950,665	$1,604,630	$7,889,622
342														
343	Medium	$859,116	$818,341	$546,933	$339,295	$212,351	$167,156	$114,900	$140,742	$178,426	$347,552	$500,960	$847,310	$5,073,082
344														
345	Medium FT-1	$180,872	$138,270	$108,391	$76,302	$64,766	$41,570	$43,749	$57,596	$81,510	$118,630	$157,978	$181,964	$1,251,598
346														
347	Medium FT-2	$320,593	$318,547	$220,786	$142,421	$101,545	$56,145	$58,819	$61,550	$92,477	$145,180	$254,799	$310,195	$2,083,057
348														
349	LLF large	$206,105	$219,764	$186,563	$47,346	$34,359	$16,748	$9,467	$19,315	$28,794	$72,758	$128,342	$216,766	$1,186,327
350														
351	LLF large FT-1	$280,938	$216,857	$128,407	$70,939	$26,524	$23,877	$26,271	$34,048	$75,771	$155,208	$244,077	$277,939	$1,560,856
352														
353	LLF large FT-2	$261,439	$261,251	$187,977	$92,032	$45,079	$36,243	$17,678	$25,482	$47,894	$103,813	$195,850	$220,301	$1,495,039
354														
355	LLF XL	$1,770	$2,215	$1,460	$1,077	$908	$429	$162	$173	$1,045	$1,093	$1,311	$1,789	$13,432
356														
357	LLF XL FT-1	$39,938	$30,331	$21,301	$13,478	$5,149	$3,798	$4,367	$5,616	$11,655	$28,040	$43,506	$32,697	$239,876
358														
359	LLF XL FT-2	$6,272	$5,510	$4,396	$2,622	$979	$949	$603	$875	$1,962	$2,243	$5,332	$4,329	$36,072
360														
361	HLF large	$30,703	$31,974	$24,687	$20,125	$13,335	$12,483	$11,368	$14,431	$13,549	$18,596	$21,084	$33,236	$245,571
362														
363	HLF large FT-1	$63,946	$59,958	$49,262	$46,928	$41,283	$32,010	$34,920	$39,875	$41,336	$46,127	$56,550	$65,506	$577,701
364														
365	HLF large FT-2	$28,998	$31,585	$26,699	$20,440	$18,036	$21,475	$15,568	$16,348	$17,617	$22,396	$29,937	$29,842	$278,941
366														
367	HLF XL	$5,308	$4,805	$4,019	$2,858	$3,726	$3,671	$3,093	$3,095	$2,520	$3,250	$5,454	$7,456	$49,255
368														
369	HLF XL FT-1	$104,679	$97,700	$88,611	$75,057	$85,284	$75,997	$81,867	$79,748	$80,433	$88,418	$100,106	$115,249	$1,073,149
370														
371	HLF XL FT-2	$5,921	$5,269	$5,110	$5,039	$4,725	$3,765	$4,109	$4,147	$3,962	$4,468	$6,190	$5,531	$58,236
372														
373	**Total**	$14,594,484	$13,584,259	$9,744,395	$5,332,817	$3,008,425	$2,321,636	$1,988,854	$2,120,932	$2,654,072	$5,338,049	$10,216,706	$14,279,381	$85,184,010
374														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
375	**Demand Volumes**													
376														
377		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb 13-Jan14
378														
379	Medium	18,412	18,507	18,297	18,310	18,421	17,979	17,874	18,055	17,457	18,687	19,199	18,412	219,610
380														
381	Medium FT-1	3,901	3,576	4,123	3,890	3,866	3,899	3,861	3,789	4,199	4,013	4,052	3,861	47,030
382														
383	Medium FT-2	7,459	7,920	7,704	7,749	7,639	7,973	7,509	7,993	7,855	7,720	8,048	7,493	93,063
384														
385	LLF large	3,799	4,472	4,043	3,253	4,933	4,656	4,663	3,933	4,201	5,089	4,700	4,131	51,873
386														
387	LLF large FT-1	6,285	6,422	6,477	6,313	6,525	6,392	6,406	6,596	6,532	6,370	6,711	6,512	77,541
388														
389	LLF large FT-2	5,065	4,993	4,923	5,171	5,004	5,228	4,912	4,821	5,061	5,400	5,477	5,090	61,146
390														
391	LLF XL	127	191	191	127	127	200	205	169	200	233	239	191	2,198
392														
393	LLF XL FT-1	5,934	3,860	7,191	5,525	5,525	5,525	5,404	5,292	5,432	5,256	5,581	5,873	66,399
394														
395	LLF XL FT-2	519	519	519	519	519	519	866	562	-203	442	454	519	5,756
396														
397	HLF large	1,289	1,225	1,053	988	883	1,048	1,221	1,304	1,226	1,261	1,155	1,148	13,800
398														
399	HLF large FT-1	2,109	2,109	2,109	2,133	2,109	2,109	2,109	2,186	2,087	2,158	2,044	2,133	25,394
400														
401	HLF large FT-2	1,135	1,139	1,360	1,271	1,204	1,301	1,320	1,242	1,322	1,141	1,161	1,157	14,753
402														
403	HLF XL	615	615	615	615	615	615	538	669	560	791	629	1,423	8,303
404														
405	HLF XL FT-1	13,194	13,194	12,991	12,794	13,383	13,089	13,089	13,450	13,210	13,017	14,242	13,194	158,845
406														
407	HLF XL FT-2	729	729	833	749	749	749	874	759	759	820	770	729	9,250
408														
409	**Total**	70,573	69,471	72,429	69,410	71,502	71,282	70,850	70,819	69,897	72,398	74,461	71,865	854,959
410														
411														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
412	**Demand Rates per dth**													
413	Based on rates effective 12/01/08													
414		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	
415														
416	Medium	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
417														
418	Medium FT-1	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
419														
420	Medium FT-2	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
421														
422	LLF large	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
423														
424	LLF large FT-1	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
425														
426	LLF large FT-2	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
427														
428	LLF XL	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
429														
430	LLF XL FT-1	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
431														
432	LLF XL FT-2	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
433														
434	HLF large	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	
435														
436	HLF large FT-1	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	
437														
438	HLF large FT-2	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	
439														
440	HLF XL	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	
441														
442	HLF XL FT-1	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	
443														
444	HLF XL FT-2	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	$16.60	
445														
446														
447														
448														
449														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
450	**Demand Revenues**													
451														
452		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb 13-Jan14
453														
454	Medium	$220,942	$222,082	$219,561	$219,718	$221,050	$215,751	$214,490	$216,662	$209,489	$224,239	$230,391	$220,945	$2,635,320
455														
456	Medium FT-1	$46,813	$42,917	$49,478	$46,685	$46,387	$46,794	$46,329	$45,466	$50,383	$48,154	$48,626	$46,332	$564,364
457														
458	Medium FT-2	$89,504	$95,041	$92,449	$92,993	$91,669	$95,671	$90,107	$95,915	$94,260	$92,644	$96,576	$89,921	$1,116,750
459														
460	LLF large	$45,590	$53,666	$48,515	$39,032	$59,200	$55,873	$55,956	$47,195	$50,411	$61,066	$56,398	$49,572	$622,474
461														
462	LLF large FT-1	$75,423	$77,065	$77,718	$75,760	$78,294	$76,701	$76,876	$79,155	$78,387	$76,441	$80,535	$78,139	$930,494
463														
464	LLF large FT-2	$60,783	$59,919	$59,077	$62,057	$60,043	$62,735	$58,942	$57,857	$60,731	$64,803	$65,727	$61,078	$733,752
465														
466	LLF XL	$1,524	$2,286	$2,286	$1,524	$1,524	$2,399	$2,455	$2,024	$2,401	$2,798	$2,863	$2,286	$26,370
467														
468	LLF XL FT-1	$71,212	$46,315	$86,296	$66,306	$66,306	$66,306	$64,852	$63,506	$65,182	$63,068	$66,966	$70,471	$796,786
469														
470	LLF XL FT-2	$6,232	$6,232	$6,232	$6,232	$6,232	$6,232	$10,387	$6,741	-$2,438	$5,308	$5,451	$6,232	$69,073
471														
472	HLF large	$21,394	$20,332	$17,479	$16,404	$14,661	$17,392	$20,269	$21,643	$20,344	$20,930	$19,167	$19,065	$229,080
473														
474	HLF large FT-1	$35,001	$35,001	$35,001	$35,411	$35,001	$35,001	$35,001	$36,295	$34,646	$35,831	$33,933	$35,411	$421,533
475														
476	HLF large FT-2	$18,842	$18,914	$22,579	$21,100	$19,983	$21,591	$21,915	$20,613	$21,948	$18,946	$19,265	$19,201	$244,897
477														
478	HLF XL	$10,215	$10,215	$10,215	$10,215	$10,215	$10,215	$8,938	$11,100	$9,299	$13,136	$10,440	$23,617	$137,820
479														
480	HLF XL FT-1	$219,018	$219,018	$215,648	$212,383	$222,161	$217,271	$217,271	$223,268	$219,286	$216,076	$236,410	$219,018	$2,636,828
481														
482	HLF XL FT-2	$12,103	$12,103	$13,832	$12,438	$12,438	$12,438	$14,511	$12,594	$12,594	$13,604	$12,786	$12,103	$153,544
483														
484	**Total**	$934,596	$921,106	$956,366	$918,258	$945,164	$942,370	$938,299	$940,034	$926,923	$957,044	$985,534	$953,391	$11,319,085
485														
649														
650														

Narragansett Gas
Test Year Base Revenues - Net of GET
(Customer Charge, Variable Distribution, and Demand)

	B	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	**Rhode Island:**													
2	**Revenues, Customers, Consumption**													
3														
651	**SALES (dth)**	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb 13-Jan14
652	Residential Non-Heating	69,879	66,671	55,152	39,182	30,585	26,434	22,323	23,963	27,364	37,232	54,832	70,643	524,261
653	Residential Non-heating -LI	2,755	2,759	2,065	1,477	746	630	506	538	632	1,141	1,986	2,309	17,544
654	Residential Heating	2,799,325	2,498,479	1,701,931	918,811	512,659	375,274	323,302	335,402	418,272	938,570	1,818,364	2,630,889	15,271,279
655	Residential Heating - LI	299,558	295,089	213,869	126,523	79,317	57,522	44,993	47,544	56,234	117,905	213,757	272,911	1,825,220
656	Small C&I	408,008	436,180	266,910	137,636	72,392	62,755	47,342	44,993	62,267	129,748	277,618	531,848	2,477,696
657	Medium C&I	535,943	510,506	341,194	211,663	132,471	104,277	71,678	87,799	111,308	216,813	312,514	528,578	3,164,742
658	Large LLF	125,827	134,166	113,897	28,905	20,976	10,225	5,779	11,792	17,579	44,419	78,353	132,336	724,254
659	Large HLF	34,343	35,765	27,614	22,511	14,916	13,963	12,716	16,142	15,155	20,801	23,584	37,177	274,687
660	Extra Large LLF	5,088	6,364	4,197	3,096	2,609	1,232	464	497	3,003	3,141	3,767	5,142	38,599
661	Extra Large HLF	19,805	17,929	14,995	10,663	13,904	13,698	11,541	11,550	9,403	12,128	20,349	27,821	183,786
662	**Total Sales**	4,300,532	4,003,907	2,741,822	1,500,466	880,576	666,009	540,644	580,220	721,218	1,521,898	2,805,123	4,239,653	24,502,068
663														
664	**FT-2 TRANSPORTATION**													
665	FT-2 Medium	199,995	198,719	137,733	88,847	63,347	35,025	36,693	38,397	57,690	90,568	158,951	193,509	1,299,475
666	FT-2 Large LLF	159,609	159,494	114,760	56,185	27,521	22,126	10,793	15,557	29,239	63,378	119,566	134,494	912,723
667	FT-2 Large HLF	32,436	35,330	29,865	22,864	20,174	24,021	17,414	18,286	19,706	25,051	33,486	33,380	312,015
668	FT-2 Extra Large LLF	18,022	15,833	12,631	7,533	2,813	2,727	1,734	2,516	5,637	6,446	15,322	12,439	103,651
669	FT-2 Extra Large HLF	22,094	19,662	19,067	18,803	17,630	14,050	15,332	15,475	14,783	16,673	23,099	20,637	217,304
670	**Total Transportation**	432,156	429,038	314,056	194,232	131,485	97,949	81,966	90,230	127,056	202,116	350,425	394,459	27,569,622
671														
672	**Sales & FT-2 THROUGHPUT**													
673	Residential Non-Heating	69,879	66,671	55,152	39,182	30,585	26,434	22,323	23,963	27,364	37,232	54,832	70,643	524,261
674	Residential Non-Heating - LI	2,755	2,759	2,065	1,477	746	630	506	538	632	1,141	1,986	2,309	17,544
675	Residential Heating	2,799,325	2,498,479	1,701,931	918,811	512,659	375,274	323,302	335,402	418,272	938,570	1,818,364	2,630,889	15,271,279
676	Residential Heating - LI	299,558	295,089	213,869	126,523	79,317	57,522	44,993	47,544	56,234	117,905	213,757	272,911	1,825,220
677	Small C&I	408,008	436,180	266,910	137,636	72,392	62,755	47,342	44,993	62,267	129,748	277,618	531,848	2,477,696
678	Medium C&I	735,938	709,225	478,927	300,509	195,818	139,302	108,371	126,195	168,998	307,381	471,465	722,087	4,464,217
679	Large LLF	285,436	293,660	228,657	85,090	48,497	32,351	16,572	27,349	46,818	107,797	197,919	266,830	1,636,977
680	Large HLF	66,779	71,095	57,479	45,375	35,090	37,985	30,130	34,428	34,861	45,852	57,070	70,557	586,701
681	Extra Large LLF	23,109	22,197	16,828	10,629	5,422	3,959	2,198	3,013	8,640	9,587	19,089	17,580	142,251
682	Extra Large HLF	41,899	37,590	34,061	29,466	31,535	27,748	26,873	27,025	24,186	28,801	43,448	48,458	401,091
683	**Total Throughput**	4,732,688	4,432,945	3,055,878	1,694,699	1,012,061	763,958	622,611	670,450	848,274	1,724,014	3,155,548	4,634,112	27,347,237
684														
685	**FT-1 TRANSPORTATION**													
686	FT-1 Medium	112,833	86,257	67,618	47,599	40,403	25,933	27,292	35,930	50,848	74,005	98,551	113,515	780,785
687	FT-1 Large LLF	171,513	132,391	78,392	43,308	16,193	14,577	16,038	20,786	46,259	94,754	149,009	169,682	952,904
688	FT-1 Large HLF	71,528	67,068	55,103	52,493	46,178	35,806	39,060	44,603	46,237	51,597	63,255	73,273	646,199
689	FT-1 Extra Large LLF	114,763	87,159	61,209	38,731	14,797	10,913	12,550	16,137	33,493	80,575	125,019	93,958	689,302
690	FT-1 Extra Large HLF	390,592	364,552	330,639	280,065	318,225	283,570	305,474	297,567	300,123	329,918	373,529	430,032	4,004,285
691	**Total Transportation**	861,229	737,426	592,961	462,196	435,795	370,799	400,415	415,023	476,959	630,849	809,363	880,460	34,964,051
692														
693	**Total THROUGHPUT**													
694	Residential Non-Heating	69,879	66,671	55,152	39,182	30,585	26,434	22,323	23,963	27,364	37,232	54,832	70,643	524,261
695	Residential Non-Heating - LI	2,755	2,759	2,065	1,477	746	630	506	538	632	1,141	1,986	2,309	17,544
696	Residential Heating	2,799,325	2,498,479	1,701,931	918,811	512,659	375,274	323,302	335,402	418,272	938,570	1,818,364	2,630,889	15,271,279
697	Residential Heating - LI	299,558	295,089	213,869	126,523	79,317	57,522	44,993	47,544	56,234	117,905	213,757	272,911	1,825,220
698	Small C&I	408,008	436,180	266,910	137,636	72,392	62,755	47,342	44,993	62,267	129,748	277,618	531,848	2,477,696
699	Medium C&I	848,771	795,482	546,545	348,109	236,221	165,235	135,663	162,126	219,846	381,386	570,017	835,601	5,245,002
700	Large LLF	456,949	426,051	307,049	128,399	64,690	46,928	32,610	48,135	93,077	202,551	346,928	436,512	2,589,881
701	Large HLF	138,307	138,162	112,582	97,868	81,268	73,790	69,191	79,031	81,098	97,448	120,325	143,831	1,232,900
702	Extra Large LLF	137,873	109,356	78,036	49,360	20,219	14,872	14,748	19,150	42,133	90,162	144,107	111,538	831,553
703	Extra Large HLF	432,491	402,142	364,701	309,531	349,759	311,318	332,347	324,592	324,309	358,719	416,977	478,490	4,405,375
704	**Total Throughput**	5,593,917	5,170,371	3,648,839	2,156,894	1,447,856	1,134,757	1,023,025	1,085,473	1,325,232	2,354,863	3,964,911	5,514,571	34,420,710