

May 1, 2013

**VIA HAND DELIVERY & ELECTRONIC MAIL**

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

**RE: Docket No. 4393**  
**2014 Standard Offer Service Procurement Plan and**  
**2014 Renewable Energy Standards Procurement Plan**  
**Responses to Division Data Requests – Set 1**

Dear Ms. Massaro:

Enclosed are the responses of National Grid<sup>1</sup> to the Division's First set of Data Requests in the above referenced docket. This filing is also accompanied by a Motion for Protective Treatment in accordance with Rule 1.2(g) of the Commission's Rules of Practice and Procedure and R.I.G.L. §38-2-2(4)(i)(B). Consequently and pursuant to Commission rules, the Company has provided the Commission with one (1) copy of the confidential materials for its review and has otherwise included redacted copies of those materials.

Thank you for your attention to this transmittal. If you have any questions, please feel free to contact me at (401) 784-7667.

Very truly yours,



Thomas R. Teehan

Enclosure

cc: Docket 4393 Service List  
Leo Wold, Esq.  
Steve Scialabba, Division

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<sup>1</sup> The Narragansett Electric Company d/b/a National Grid.

# Certificate of Service

I hereby certify that a copy of the cover letter and/or any materials accompanying this certificate were electronically transmitted to the individuals listed below. The bound versions of this filing were hand delivered to the Rhode Island Public Utilities Commission.



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Joanne M. Scanlon  
National Grid

May 1, 2013  
Date

## **Docket No. 4393 - National Grid – 2014 SOS and RES Procurement Plans Service List updated 3/1/13**

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<b>File an original &amp; 10 copies w/:</b> Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	<a href="mailto:Lmassaro@puc.state.ri.us">Lmassaro@puc.state.ri.us</a>	401-780-2017
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**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS**

**RHODE ISLAND PUBLIC UTILITIES COMMISSION**

National Grid

2014 Standard Offer Service Procurement Plan

Docket No. 4393

2014 Renewable Energy Standards Procurement Plan

**MOTION OF THE NARRAGANSETT ELECTRIC COMPANY,  
D/B/A NATIONAL GRID  
FOR PROTECTIVE TREATMENT OF CONFIDENTIAL INFORMATION**

Now comes The Narragansett Electric Company, d/b/a National Grid (“Company”) and hereby requests that the Rhode Island Public Utilities Commission (“Commission”) grant protection from public disclosure of certain confidential, competitively sensitive, and proprietary information submitted in this proceeding, as permitted by Commission Rule 1.2(g) and R.I.G.L. § 38-2-2(4)(i)(B).

**I. BACKGROUND**

On May 1, 2013, the Company filed with the Commission its responses to Division Data Requests Set 1. The Company’s responses contain confidential information regarding pricing (DIV 1-3), and number of bidders (DIV 1-6) relative to Standard Offer procurement RFPs. This information is competitively sensitive, proprietary information that the Company wishes to keep confidential. For the reasons stated below, the Company requests that this information be protected from public disclosure. The Company has also filed redacted copies of its filing deleting the competitively sensitive information in question.

## II. LEGAL STANDARD

Rule 1.2(g) of the Commission's Rules of Practice and Procedure provides that access to public records shall be granted in accordance with the Access to Public Records Act ("APRA"), R.I.G.L. §38-2-1, *et seq.* Under APRA, all documents and materials submitted in connection with the transaction of official business by an agency is deemed to be a "public record," unless the information contained in such documents and materials falls within one of the exceptions specifically identified in R.I.G.L. §38-2-2(4). Therefore, to the extent that information provided to the Commission falls within one of the designated exceptions to the public records law, the Commission has the authority under the terms of APRA to deem such information to be confidential and to protect that information from public disclosure.

In that regard, R.I.G.L. §38-2-2(4)(i)(B) provides that the following records shall not be deemed public:

Trade secrets and commercial or financial information obtained from a person, firm, or corporation which is of a privileged or confidential nature.

The Rhode Island Supreme Court has held that the determination as to whether this exemption applies requires the application of a two-pronged test set forth in Providence Journal Company v. Convention Center Authority, 774 A.2d 40 (R.I.2001). The first prong of the test assesses whether the information was provided voluntarily to the governmental agency. Providence Journal, 774 A.2d at 47. If the answer to the first question is affirmative, then the question becomes whether the information is "of a kind that would customarily not be released to the public by the person from whom it was obtained." Id.

In addition, the Court has held that the agencies making determinations as to the disclosure of information under APRA may apply the balancing test established by the Court in Providence Journal v. Kane, 577 A.2d 661 (R.I.1990). Under this balancing test, the Commission may protect information from public disclosure if the benefit of such protection outweighs the public interest inherent in disclosure of information pending before regulatory agencies.

### **III. BASIS FOR CONFIDENTIALITY**

The Company seeks confidential treatment on winning bid prices, block sizes and number of bidders involved in Standard Offer procurement RFPs. Release of this type of information would be commercially harmful to the Company and to its customers since potential bidders could use this information in such a way that would impede the Company's ability to obtain the best possible bid for its customers.

### **V. CONCLUSION**

In light of the foregoing, the Company respectfully requests that the Commission grant its Motion for Protective Treatment as stated herein.

Respectfully submitted,

**THE NARRAGANSETT ELECTRIC  
COMPANY**

By its attorney,



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Thomas R. Teehan (RI #4698)  
280 Melrose Street  
Providence, RI 02907  
(401) 784-7667

Dated: May 1, 2013

Division 1-1

Request:

Please update the data provided in response to Division 1-1 in Docket No. 4315 comparing monthly customer migration (to competitive supply) data and rates in RI to those of Massachusetts Electric in MA. Please provide the data in Attachment 1 to the above-referenced data response in electronic spreadsheet format updated with the most recent data available.

Response:

Please see DIV 1-1, Att-1 for a comparison of monthly customer migration (to competitive supply) data and rates for Narragansett Electric Company customers to those of Massachusetts Electric Company ("Mass Electric")<sup>1</sup> for the years 2009 through 2012.

For Narragansett Electric Company, the Residential group consists of rate class A-16 (Basic Residential) and A-60 (Residential Low Income); the Commercial group consists of rate class C-06 (Small C&I), S-10 (Private Lighting), S-14 (General Street and Area Lighting) and G-02 (General C&I) ; and the Industrial group consists rate classes B-32 (Large Demand Back-up Service), G-32 (Large Demand), B-62 (Optional Large Demand Back-up Service), G-62 (Optional Large Demand) and X-01 (Electric Propulsion).

For Mass Electric, the Residential group consists of rate class R-1 (Regular Residential), R-2 (Residential Low Income) and R-4 (Optional Time-of-Use); the Commercial group consists of rate class G-1 (General Service – Small C&I) and Streetlights; and the Industrial Group consists of rate class G-2 (General Service - Demand ) and G-3 (Time-of-Use).

Mass Electric offers both a fixed price and a variable price option for all Basic Service classes. In addition, rates for Industrial customers differ by ISO-NE reliability zone. For the Residential and Commercial classes, the fixed price option is the "default" option, and for Industrial customers, the variable price option is the "default" option. For the Mass Electric Residential and Commercial Basic Service rates shown on pages 1 and 2 of the attachment, the rates represent the fixed price rates. The Mass Electric Industrial Basic Service rates, as shown on page 4 of the attachment, are the variable rates by ISO-NE reliability load zone. The rates shown on page 3 represent a weighted average of the three zonal prices for the Mass Electric Industrial group.

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<sup>1</sup> Includes Nantucket Electric Company data.

The Narragansett Electric Company  
d/b/a National Grid  
Docket No. 4393  
2014 Standard Offer Service Procurement Plan  
2014 Renewable Energy Standard Procurement Plan  
Responses to Division's First Set of Data Request  
Issued April 10, 2013

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Division 1-1, page 2

For Narragansett Electric, the Commercial class rates reflect both the Small Customer and the Large Customer rates for the period January 2010 through March 2011. Rate G-02 is now part of the Commercial class, but prior to April 2011, Rate G-02 was part of the Large Customer class.

Prepared by or under the supervision of: Jeanne A. Lloyd



Massachusetts Electric Company  
Residential

The Narragansett Electric Company  
Residential

	Competitive Supply Customers	Total Customers	% of Total	Competitive Supply kWh	Total kWh	% of Total	Basic Service Rate - Fixed Rate	Competitive Supply Customers	Total Customers	% of Total	Competitive Supply kWh	Total kWh	% of Total	SO Service Rate
Jan	54,876	1,106,126	5.0%	53,707,147	907,034,192	5.9%	\$0.12660	272	428,862	0.1%	680,108	315,103,359	0.2%	\$0.09293
Feb	63,671	1,126,995	5.6%	55,991,678	816,972,016	6.9%	\$0.12660	283	429,636	0.1%	728,689	254,899,942	0.3%	\$0.09293
Mar	64,848	1,121,708	5.8%	51,473,382	709,243,461	7.3%	\$0.12660	287	430,306	0.1%	688,802	243,988,164	0.3%	\$0.09293
Apr	73,242	1,127,466	6.5%	54,185,054	690,827,572	7.8%	\$0.12660	297	429,777	0.1%	821,326	229,158,071	0.4%	\$0.09293
May	75,023	1,112,398	6.7%	45,693,926	564,578,553	8.1%	\$0.09714	320	430,760	0.1%	686,624	197,629,459	0.3%	\$0.09293
Jun	75,088	1,113,181	6.7%	47,979,532	581,864,038	8.2%	\$0.09714	560	422,293	0.1%	785,766	201,735,968	0.4%	\$0.09293
Jul	77,249	1,122,113	6.9%	55,899,898	675,576,570	8.3%	\$0.09714	583	429,849	0.1%	811,063	240,802,494	0.3%	\$0.09293
Aug	79,985	1,119,504	7.1%	66,200,200	772,071,700	8.6%	\$0.09714	589	417,035	0.1%	844,644	289,370,680	0.3%	\$0.09293
Sep	82,461	1,120,076	7.4%	68,636,041	800,415,669	8.6%	\$0.09714	706	429,765	0.2%	1,115,760	301,367,244	0.4%	\$0.09293
Oct	83,014	1,130,348	7.3%	53,970,828	608,473,055	8.9%	\$0.09714	709	424,626	0.2%	949,124	210,804,475	0.5%	\$0.09293
Nov	81,366	1,112,105	7.3%	53,578,057	599,152,409	8.9%	\$0.08639	780	429,481	0.2%	1,028,385	210,658,865	0.5%	\$0.09293
Dec	82,108	1,129,297	7.3%	66,912,163	734,867,834	9.1%	\$0.08639	811	424,481	0.2%	1,198,617	244,114,073	0.5%	\$0.09293
2009	892,931	13,441,317	6.6%	674,227,906	8,461,077,069	8.0%		6,197	5,126,871	0.1%	10,338,908	2,939,632,794	0.4%	
Jan	81,225	1,121,889	7.2%	81,884,212	909,949,447	9.0%	\$0.08828	841	429,745	0.2%	1,634,989	306,500,115	0.5%	\$0.09293
Feb	81,030	1,125,174	7.2%	71,333,491	801,497,788	8.9%	\$0.08828	706	430,093	0.2%	1,020,666	261,394,869	0.4%	\$0.09293
Mar	81,024	1,129,485	7.2%	64,902,884	735,623,431	8.8%	\$0.08828	758	431,047	0.2%	1,130,209	244,864,987	0.5%	\$0.09655
Apr	79,956	1,126,937	7.1%	56,685,869	657,812,707	8.6%	\$0.08828	798	418,879	0.2%	994,961	219,491,797	0.5%	\$0.09655
May	78,413	1,116,681	7.0%	48,196,716	565,512,427	8.5%	\$0.08110	861	430,875	0.2%	884,988	204,322,772	0.4%	\$0.09655
Jun	79,321	1,138,542	7.0%	57,062,117	666,295,197	8.6%	\$0.08110	900	419,336	0.2%	1,032,530	222,274,830	0.5%	\$0.09655
Jul	78,632	1,160,301	6.8%	78,165,392	937,578,462	8.3%	\$0.08110	929	429,707	0.2%	1,413,243	352,748,399	0.4%	\$0.09655
Aug	77,460	1,117,659	6.9%	73,540,947	921,001,553	8.0%	\$0.08110	1,042	417,944	0.2%	1,555,092	337,614,092	0.5%	\$0.09655
Sep	77,893	1,133,766	6.9%	64,623,153	800,198,874	8.1%	\$0.08110	1,059	424,844	0.2%	1,297,442	291,160,247	0.4%	\$0.09655
Oct	76,213	1,117,149	6.8%	48,638,001	604,145,902	8.1%	\$0.08110	1,167	429,803	0.3%	1,124,706	221,761,588	0.5%	\$0.09489
Nov	76,918	1,130,446	6.8%	50,893,669	613,401,164	8.3%	\$0.08083	1,586	429,794	0.4%	1,407,356	214,825,924	0.7%	\$0.09489
Dec	75,824	1,119,035	6.8%	63,995,588	768,900,803	8.3%	\$0.08083	2,009	411,175	0.5%	2,079,256	248,680,711	0.8%	\$0.09489
2010	943,909	13,537,064	7.0%	759,922,039	8,981,417,755	8.5%		12,656	5,103,242	0.2%	15,565,438	3,125,640,331	0.5%	
Jan	75,919	1,128,563	6.7%	73,853,708	888,843,401	8.3%	\$0.08083	2,362	430,774	0.5%	2,877,830	300,816,490	1.0%	\$0.09489
Feb	75,567	1,135,046	6.7%	68,063,641	838,197,842	8.1%	\$0.08083	2,515	431,032	0.6%	2,558,384	270,708,288	0.9%	\$0.09489
Mar	75,241	1,137,770	6.6%	62,124,905	769,373,643	8.1%	\$0.08083	2,626	413,407	0.6%	2,527,905	244,377,656	1.0%	\$0.09489
Apr	74,843	1,138,224	6.6%	55,930,843	707,544,715	7.9%	\$0.08083	2,983	430,863	0.7%	2,259,389	231,248,656	1.0%	\$0.06902
May	73,260	1,115,883	6.6%	46,355,105	587,804,272	7.9%	\$0.07282	3,134	430,973	0.7%	2,241,734	203,607,359	1.1%	\$0.06902
Jun	73,948	1,132,798	6.5%	52,879,964	655,831,541	8.1%	\$0.07282	3,207	431,476	0.7%	2,508,039	227,044,026	1.1%	\$0.06902
Jul	74,042	1,136,338	6.5%	62,735,071	810,170,790	7.7%	\$0.07282	3,191	430,509	0.7%	3,310,984	313,118,284	1.1%	\$0.06902
Aug	74,351	1,132,544	6.6%	71,371,593	930,423,592	7.7%	\$0.07282	3,098	418,265	0.7%	3,472,314	342,832,395	1.0%	\$0.06902
Sep	75,422	1,130,808	6.7%	60,002,673	779,498,938	7.7%	\$0.07282	3,179	430,453	0.7%	2,964,256	289,507,477	1.0%	\$0.06902
Oct	77,096	1,140,301	6.8%	50,105,030	632,224,998	7.9%	\$0.07282	3,196	431,319	0.7%	2,416,757	229,571,144	1.1%	\$0.06902
Nov	78,229	1,139,337	6.9%	53,263,987	641,995,951	8.3%	\$0.08265	3,263	430,152	0.8%	2,455,772	224,732,857	1.1%	\$0.06902
Dec	78,436	1,120,569	7.0%	59,327,231	708,052,438	8.4%	\$0.08265	3,292	418,593	0.8%	2,639,389	236,749,225	1.1%	\$0.06902
2011	906,354	13,588,181	6.7%	716,013,751	8,949,962,121	8.0%		36,046	5,127,816	0.7%	32,232,753	3,114,313,857	1.0%	
Jan	81,716	1,129,258	7.2%	72,405,522	830,591,311	8.7%	\$0.08265	3,412	424,858	0.8%	3,134,739	272,261,117	1.2%	\$0.07558
Feb	85,784	1,140,119	7.5%	68,176,773	761,076,004	9.0%	\$0.08265	3,636	431,415	0.8%	3,059,882	254,496,676	1.2%	\$0.07558
Mar	89,877	1,143,151	7.9%	70,815,427	748,581,646	9.5%	\$0.08265	3,908	431,873	0.9%	3,263,066	246,524,669	1.3%	\$0.07558
Apr	94,548	1,116,468	8.5%	62,581,956	623,852,402	10.0%	\$0.08265	4,076	432,570	0.9%	3,044,566	225,906,748	1.3%	\$0.07882
May	105,966	1,133,026	9.4%	63,925,366	591,590,079	10.8%	\$0.06718	4,158	420,337	1.0%	2,844,758	197,416,436	1.4%	\$0.07882
Jun	111,702	1,145,167	9.8%	74,711,359	670,661,793	11.1%	\$0.06718	4,837	432,619	1.1%	3,504,187	229,230,055	1.5%	\$0.07882
Jul	116,842	1,139,508	10.3%	98,307,481	843,208,243	11.7%	\$0.06718	5,078	431,786	1.2%	4,995,948	315,231,674	1.6%	\$0.06927
Aug	122,948	1,133,564	10.8%	114,637,732	962,907,714	11.9%	\$0.06718	5,217	431,110	1.2%	5,768,000	366,618,906	1.6%	\$0.06927
Sep	129,029	1,135,717	11.4%	102,737,555	838,999,103	12.2%	\$0.06718	5,340	431,714	1.2%	5,048,098	313,155,455	1.6%	\$0.06927
Oct	135,941	1,143,188	11.9%	78,772,260	599,391,683	13.1%	\$0.06718	5,714	430,962	1.3%	3,824,827	217,005,570	1.8%	\$0.06927
Nov	139,122	1,134,341	12.3%	83,894,204	611,611,130	13.7%	\$0.07314	6,131	431,283	1.4%	4,035,282	212,271,510	1.9%	\$0.06927
Dec	134,556	1,138,937	11.8%	102,125,250	763,792,722	13.4%	\$0.07314	6,609	431,728	1.5%	5,208,611	262,382,240	2.0%	\$0.06927
2012	1,348,031	13,632,444	9.9%	993,090,885	8,846,263,830	11.2%		58,116	5,162,255	1.1%	47,731,964	3,112,501,056	1.5%	

Massachusetts Electric Company  
Commercial

The Narragansett Electric Company  
Commercial

	Competitive Supply Customers	Total Customers	% of Total	Competitive Supply kWh	Total kWh	% of Total	Basic Service Rate - Fixed Rate	Competitive Supply Customers	Total Customers	% of Total	Competitive Supply kWh	Total kWh	% of Total	SO Service Rate	Small Customer Group Rate	Large Customer Group Rate
Jan	25,085	150,987	16.6%	60,774,802	219,110,051	27.7%	\$0.12431	3,251	58,233	5.6%	29,073,611	184,919,231	15.7%	\$0.09293		
Feb	25,862	153,536	16.8%	58,764,957	219,509,253	26.8%	\$0.12431	3,490	58,884	5.9%	30,247,076	165,971,208	18.2%	\$0.09293		
Mar	26,128	154,449	16.9%	55,719,856	183,591,673	30.3%	\$0.12431	3,611	58,885	6.1%	29,770,505	201,321,655	14.8%	\$0.09293		
Apr	26,951	152,863	17.6%	53,900,783	185,386,580	29.1%	\$0.12431	3,976	58,689	6.8%	32,124,547	153,956,431	20.9%	\$0.09293		
May	26,966	152,252	17.7%	50,735,123	164,322,530	30.9%	\$0.09734	4,117	58,699	7.0%	31,059,456	144,070,430	21.6%	\$0.09293		
Jun	26,634	151,157	17.6%	52,027,361	170,191,993	30.6%	\$0.09734	5,671	58,161	9.8%	33,932,026	147,739,306	23.0%	\$0.09293		
Jul	27,553	152,470	18.1%	56,912,505	186,454,616	30.5%	\$0.09734	5,673	58,863	9.6%	40,338,135	188,091,752	21.4%	\$0.09293		
Aug	27,946	152,701	18.3%	60,661,231	197,110,386	30.8%	\$0.09734	6,275	57,756	10.9%	39,868,408	171,589,487	23.2%	\$0.09293		
Sep	28,067	152,098	18.5%	63,546,145	202,820,759	31.3%	\$0.09734	6,617	58,695	11.3%	49,397,571	183,879,067	26.9%	\$0.09293		
Oct	28,537	153,293	18.6%	57,003,257	195,705,012	29.1%	\$0.09734	6,667	58,411	11.4%	43,565,249	157,337,829	27.7%	\$0.09293		
Nov	28,511	151,649	18.8%	55,325,754	149,938,560	36.9%	\$0.08757	6,853	58,786	11.7%	41,165,244	142,801,764	28.8%	\$0.09293		
Dec	28,875	153,537	18.8%	63,215,828	186,958,041	33.8%	\$0.08757	6,932	58,205	11.9%	45,631,050	156,449,668	29.2%	\$0.09293		
2009	327,115	1,830,992	17.9%	688,587,602	2,261,099,454	30.5%		63,133	702,267	9.0%	446,172,878	1,998,127,828	22.3%			
Jan	28,898	153,023	18.9%	70,719,020	218,549,599	32.4%	\$0.08720	7,128	58,927	12.1%	50,275,293	166,252,614	30.2%		\$0.09293	\$0.07984
Feb	28,806	153,275	18.8%	63,538,254	200,736,676	31.7%	\$0.08720	7,223	58,626	12.3%	46,445,205	160,069,567	29.0%		\$0.09293	\$0.08231
Mar	28,905	153,665	18.8%	61,749,851	193,890,329	31.8%	\$0.08720	7,337	59,005	12.4%	47,239,305	160,478,455	29.4%		\$0.09655	\$0.08467
Apr	28,820	153,325	18.8%	58,635,002	180,193,754	32.5%	\$0.08720	7,239	58,267	12.4%	46,082,238	152,098,800	30.3%		\$0.09655	\$0.08062
May	28,679	152,756	18.8%	52,248,429	162,271,476	32.2%	\$0.08102	7,496	58,938	12.7%	43,382,398	139,843,643	31.0%		\$0.09655	\$0.07919
Jun	29,038	154,816	18.8%	59,534,170	181,999,115	32.7%	\$0.08102	7,632	58,308	13.1%	50,238,072	155,286,264	32.4%		\$0.09655	\$0.07873
Jul	28,800	154,820	18.6%	68,098,794	217,359,867	31.3%	\$0.08102	7,849	59,043	13.3%	61,568,596	194,455,694	31.7%		\$0.09655	\$0.07142
Aug	28,511	152,789	18.7%	68,794,345	222,214,325	31.0%	\$0.08102	7,927	58,499	13.6%	61,985,279	193,092,525	32.1%		\$0.09655	\$0.07495
Sep	28,814	154,241	18.7%	63,322,584	204,129,768	31.0%	\$0.08102	7,997	59,101	13.5%	59,315,251	183,484,953	32.3%		\$0.09655	\$0.06953
Oct	28,577	153,292	18.6%	59,035,507	177,812,429	33.2%	\$0.08102	8,043	59,566	13.5%	51,869,387	154,834,911	33.5%		\$0.09489	\$0.07024
Nov	28,538	153,950	18.5%	54,784,704	172,101,617	31.8%	\$0.08020	8,179	59,389	13.8%	50,839,640	145,313,804	35.0%		\$0.09489	\$0.07271
Dec	28,473	153,218	18.6%	62,464,513	194,067,831	32.2%	\$0.08020	8,016	57,572	13.9%	52,527,482	153,415,708	34.2%		\$0.09489	\$0.07694
2010	344,859	1,843,270	18.7%	742,925,173	2,325,326,786	31.9%		92,066	705,241	13.1%	621,768,146	1,958,626,938	31.7%			
Jan	29,190	155,465	18.8%	66,572,455	208,150,492	32.0%	\$0.08020	8,470	59,974	14.1%	58,212,353	172,756,731	33.7%		\$0.09489	\$0.07347
Feb	29,443	156,136	18.9%	65,041,857	203,177,073	32.0%	\$0.08020	8,417	59,734	14.1%	53,086,081	161,763,509	32.8%		\$0.09489	\$0.07212
Mar	29,615	156,585	18.9%	70,089,028	200,981,242	34.9%	\$0.08020	8,324	58,815	14.2%	53,273,387	158,495,503	33.6%		\$0.09489	\$0.06370
Apr	29,579	156,438	18.9%	61,668,451	190,171,804	32.4%	\$0.08020	8,408	59,751	14.1%	50,913,273	152,858,751	33.3%	\$0.06999		
May	29,330	153,910	19.1%	55,214,937	163,620,936	33.7%	\$0.07247	8,589	59,898	14.3%	49,076,173	144,493,995	34.0%		\$0.06999	
Jun	29,606	155,247	19.1%	59,685,192	187,048,966	31.9%	\$0.07247	8,579	59,885	14.3%	52,715,394	156,498,276	33.7%		\$0.06999	
Jul	29,600	156,053	19.0%	66,365,423	196,436,891	33.8%	\$0.07247	8,561	60,094	14.2%	60,168,639	183,938,832	32.7%		\$0.06999	
Aug	29,458	155,707	18.9%	69,900,266	219,147,704	31.9%	\$0.07247	8,230	59,048	13.9%	61,384,779	193,267,121	31.8%		\$0.06999	
Sep	29,481	155,858	18.9%	65,917,690	203,283,141	32.4%	\$0.07247	8,322	59,910	13.9%	56,649,848	177,531,261	31.9%		\$0.06999	
Oct	29,746	156,917	19.0%	59,687,431	178,619,533	33.4%	\$0.07247	8,363	60,188	13.9%	53,059,651	159,624,715	33.2%		\$0.06999	
Nov	29,552	155,982	18.9%	60,315,321	177,575,038	34.0%	\$0.08045	8,474	59,788	14.2%	52,186,143	151,680,552	34.4%		\$0.06999	
Dec	29,539	154,850	19.1%	61,928,451	183,993,084	33.7%	\$0.08045	8,571	59,233	14.5%	51,618,295	149,796,309	34.5%		\$0.06999	
2011	354,139	1,869,148	18.9%	762,386,502	2,312,205,904	33.0%		101,308	716,318	14.1%	652,344,016	1,962,705,555	33.2%			
Jan	29,935	155,574	19.2%	67,161,234	198,274,366	33.9%	\$0.08045	9,174	59,580	15.4%	54,392,809	157,420,122	34.6%	\$0.07381		
Feb	30,753	156,786	19.6%	64,933,383	192,445,528	33.7%	\$0.08045	9,478	60,277	15.7%	54,351,548	156,321,165	34.8%	\$0.07381		
Mar	31,301	157,080	19.9%	66,239,758	192,971,558	34.3%	\$0.08045	9,503	59,954	15.9%	53,430,445	153,555,970	34.8%	\$0.07381		
Apr	31,725	154,448	20.5%	62,878,406	186,134,034	33.8%	\$0.08045	9,637	60,066	16.0%	55,124,966	154,066,013	35.8%	\$0.07809		
May	33,331	156,456	21.3%	62,936,402	172,132,019	36.6%	\$6.39100	9,688	59,245	16.4%	54,385,963	139,077,641	39.1%	\$0.07809		
Jun	34,336	157,259	21.8%	68,032,470	181,833,802	37.4%	\$6.39100	10,251	60,205	17.0%	63,483,503	160,491,137	39.6%	\$0.07809		
Jul	34,021	157,254	21.6%	75,587,551	204,087,797	37.0%	\$6.39100	10,510	60,153	17.5%	70,235,798	178,761,021	39.3%	\$0.06222		
Aug	35,246	156,432	22.5%	83,578,165	225,596,764	37.0%	\$6.39100	10,535	59,953	17.6%	76,472,124	194,718,787	39.3%	\$0.06222		
Sep	35,604	156,983	22.7%	80,325,209	214,620,810	37.4%	\$6.39100	10,661	60,072	17.7%	75,917,268	186,677,398	40.7%	\$0.06222		
Oct	35,933	157,525	22.8%	67,339,556	172,304,816	39.1%	\$6.39100	10,625	59,624	17.8%	62,263,907	148,411,405	42.0%	\$0.06222		
Nov	35,900	156,242	23.0%	65,538,945	167,231,219	39.2%	\$7.00000	10,797	60,196	17.9%	61,354,384	145,597,271	42.1%	\$0.06222		
Dec	34,816	157,330	22.1%	87,080,470	189,190,717	46.0%	\$7.00000	10,632	59,658	17.8%	63,153,561	153,133,139	41.2%	\$0.06222		
2012	402,901	1,879,369	21.4%	851,631,549	2,296,823,430	37.1%		121,491	718,983	16.9%	744,566,276	1,928,231,069	38.6%			

Massachusetts Electric Company  
Industrial - All Zones

The Narragansett Electric Company  
Industrial

	Competitive Supply Customers	Total Customers	% of Total	Competitive Supply kWh	Total kWh	% of Total	Weighted Average Basic Service Rate - Variable Rate	Competitive Supply Customers	Total Customers	% of Total	Competitive Supply kWh	Total kWh	% of Total	SO Service Rate
Jan	8,360	14,572	57.4%	765,387,216	963,828,890	79.4%	\$0.12428	365	1,076	33.9%	106,396,003	256,735,320	41.4%	\$0.09293
Feb	8,429	14,530	58.0%	713,815,167	889,947,289	80.2%	\$0.09960	382	1,095	34.9%	99,696,654	218,204,936	45.7%	\$0.09293
Mar	8,512	14,731	57.8%	656,717,934	816,292,353	80.5%	\$0.08928	394	1,061	37.1%	97,187,725	204,012,688	47.6%	\$0.09293
Apr	8,606	14,702	58.5%	830,037,198	887,737,611	93.5%	\$0.08801	438	1,078	40.6%	76,678,188	165,414,994	46.4%	\$0.09293
May	8,701	14,740	59.0%	678,100,314	818,181,619	82.9%	\$0.07135	456	1,083	42.1%	149,947,572	249,039,804	60.2%	\$0.09293
Jun	8,714	14,657	59.5%	687,273,525	795,432,075	86.4%	\$0.07415	443	1,040	42.6%	115,146,901	210,549,857	54.7%	\$0.09293
Jul	8,797	14,757	59.6%	714,310,453	904,234,105	79.0%	\$0.07895	938	1,074	87.3%	123,946,166	214,890,674	57.7%	\$0.09293
Aug	8,853	14,797	59.8%	722,160,732	876,829,068	82.4%	\$0.25908	483	1,040	46.4%	131,151,214	222,441,538	59.0%	\$0.09293
Sep	8,813	14,695	60.0%	780,857,164	935,458,449	83.5%	\$0.06912	488	1,030	47.4%	141,500,432	235,960,621	60.0%	\$0.09293
Oct	8,933	14,876	60.0%	704,295,720	844,099,543	83.4%	\$0.07413	512	1,050	48.8%	143,150,375	221,680,308	64.6%	\$0.09293
Nov	8,861	14,729	60.2%	686,307,869	817,422,224	84.0%	\$0.06588	482	1,034	46.6%	126,569,381	205,114,133	61.7%	\$0.09293
Dec	8,969	14,886	60.3%	713,120,021	857,863,007	83.1%	\$0.07587	480	1,033	46.5%	133,217,259	219,642,567	60.7%	\$0.09293
2009	104,548	176,672	59.2%	8,652,383,313	10,407,326,233	83.1%		5,861	12,694	46.2%	1,444,587,870	2,623,687,440	55.1%	
Jan	8,884	14,905	59.6%	728,074,147	888,966,063	81.9%	\$0.08815	508	1,076	47.2%	146,532,077	231,072,855	63.4%	\$0.07984
Feb	8,856	14,908	59.4%	695,018,085	852,982,036	81.5%	\$0.09004	537	1,072	50.1%	138,551,126	212,658,689	65.2%	\$0.08231
Mar	8,824	14,938	59.1%	695,876,946	846,390,134	82.2%	\$0.08693	539	1,082	49.8%	134,094,176	211,231,184	63.5%	\$0.08467
Apr	8,856	15,034	58.9%	647,965,826	786,903,107	82.3%	\$0.08749	528	1,074	49.2%	138,261,296	212,373,493	65.1%	\$0.08062
May	8,898	15,155	58.7%	703,628,652	851,200,091	82.7%	\$0.07366	561	1,082	51.8%	137,112,602	203,871,405	67.3%	\$0.07919
Jun	8,848	14,934	59.2%	734,412,025	884,886,666	83.0%	\$0.07358	563	1,077	52.3%	145,812,080	218,001,148	66.9%	\$0.07873
Jul	8,857	14,902	59.4%	797,417,924	968,953,948	82.3%	\$0.07706	559	1,066	52.4%	163,264,562	248,076,502	65.8%	\$0.07142
Aug	8,861	14,756	60.1%	801,098,368	971,140,239	82.5%	\$0.07865	587	1,076	54.6%	168,465,054	248,310,601	67.8%	\$0.07495
Sep	8,961	14,869	60.3%	761,235,854	920,408,994	82.7%	\$0.07282	588	1,083	54.3%	168,501,698	245,580,933	68.6%	\$0.06953
Oct	8,907	14,773	60.3%	692,224,130	831,282,503	83.3%	\$0.07452	581	1,078	53.9%	146,900,179	218,032,854	67.4%	\$0.07024
Nov	8,852	14,655	60.4%	668,867,844	797,104,310	83.9%	\$0.06834	574	1,076	53.3%	141,373,119	206,156,364	68.6%	\$0.07271
Dec	8,686	14,382	60.4%	692,081,042	835,485,695	82.8%	\$0.07366	550	1,033	53.2%	142,657,505	210,213,117	67.9%	\$0.07694
2010	106,290	178,211	59.6%	8,617,900,843	10,435,703,786	82.6%		6,675	12,875	51.8%	1,771,525,474	2,665,579,145	66.5%	
Jan	8,850	14,805	59.8%	697,852,058	850,831,328	82.0%	\$0.07921	566	1,053	53.8%	146,646,230	210,078,578	69.8%	\$0.07347
Feb	8,916	14,793	60.3%	716,025,206	864,248,851	82.8%	\$0.07574	584	1,070	54.6%	148,627,001	219,763,201	67.6%	\$0.07212
Mar	9,036	14,878	60.7%	704,881,955	856,719,013	82.3%	\$0.07465	593	1,085	54.7%	152,323,613	216,662,364	70.3%	\$0.06370
Apr	9,048	14,879	60.8%	659,968,441	799,927,606	82.5%	\$0.07576	570	1,062	53.7%	140,272,299	196,402,664	71.4%	\$0.06370
May	8,927	14,664	60.9%	699,496,325	831,342,032	84.1%	\$0.06942	582	1,070	54.4%	151,234,088	216,480,908	69.9%	\$0.06377
Jun	8,965	14,752	60.8%	705,450,623	851,050,413	82.9%	\$0.06708	585	1,080	54.2%	153,996,230	221,307,408	69.6%	\$0.06250
Jul	8,933	14,697	60.8%	737,801,826	898,072,043	82.2%	\$0.06986	564	1,066	52.9%	158,918,902	228,207,946	69.6%	\$0.06495
Aug	8,779	14,487	60.6%	800,403,922	967,727,034	82.7%	\$0.07253	576	1,068	53.9%	160,876,935	253,265,718	63.5%	\$0.06663
Sep	8,862	14,710	60.2%	769,898,960	934,830,855	82.4%	\$0.07167	577	1,065	54.2%	148,937,527	229,040,452	65.0%	\$0.06718
Oct	8,907	14,859	59.9%	701,536,353	851,411,458	82.4%	\$0.07202	584	1,085	53.8%	141,915,604	219,877,935	64.5%	\$0.06088
Nov	8,718	14,640	59.5%	664,528,203	810,437,527	82.0%	\$0.07014	560	1,044	53.6%	133,411,982	209,519,127	63.7%	\$0.06373
Dec	8,598	14,287	60.2%	673,566,236	816,203,618	82.5%	\$0.08341	568	1,051	54.0%	137,558,712	208,767,339	65.9%	\$0.07603
2011	106,539	176,451	60.4%	8,531,410,108	10,332,801,778	82.6%		6,909	12,799	54.0%	1,774,719,123	2,629,373,640	67.5%	
Jan	8,818	14,695	60.0%	688,502,093	859,577,005	80.1%	\$0.09270	594	1,068	55.6%	150,486,051	218,987,765	68.7%	\$0.08573
Feb	8,993	14,732	61.0%	672,546,456	812,116,719	82.8%	\$0.07119	597	1,062	56.2%	133,486,245	203,661,059	65.5%	\$0.07959
Mar	9,081	14,766	61.5%	697,491,206	836,879,657	83.3%	\$0.06762	611	1,062	57.5%	148,986,274	217,389,344	68.5%	\$0.06309
Apr	9,045	14,599	62.0%	696,980,218	825,033,565	84.5%	\$0.06794	623	1,073	58.1%	144,338,319	209,145,914	69.0%	\$0.04788
May	9,211	14,762	62.4%	682,099,630	807,983,293	84.4%	\$0.05544	630	1,070	58.9%	143,290,033	206,082,074	69.5%	\$0.04730
Jun	9,273	14,706	63.1%	721,247,934	857,077,696	84.2%	\$0.05208	642	1,080	59.4%	151,261,863	219,232,474	69.0%	\$0.04341
Jul	9,395	14,801	63.5%	752,658,859	894,806,963	84.1%	\$0.05166	642	1,079	59.5%	163,252,940	225,735,305	72.3%	\$0.04699
Aug	9,324	14,706	63.4%	815,337,640	975,655,222	83.6%	\$0.05393	643	1,059	60.7%	182,800,813	249,850,243	73.2%	\$0.04700
Sep	9,382	14,799	63.4%	777,381,108	927,635,634	83.8%	\$0.05022	649	1,070	60.7%	178,897,766	243,905,281	73.3%	\$0.04760
Oct	9,343	14,751	63.3%	671,066,357	803,695,608	83.5%	\$0.05178	623	1,033	60.3%	152,502,389	205,960,111	74.0%	\$0.04851
Nov	9,317	14,732	63.2%	637,336,743	762,742,043	83.6%	\$0.06193	644	1,073	60.1%	151,226,974	204,048,014	74.1%	\$0.05001
Dec	9,109	14,546	62.6%	683,288,401	815,363,142	83.8%	\$0.07390	591	976	60.6%	149,791,503	204,165,805	73.4%	\$0.06052
2012	110,291	176,595	62.5%	8,495,936,645	10,178,566,547	83.5%		7,489	12,705	58.9%	1,850,321,170	2,608,163,389	70.9%	

Massachusetts Electric Company  
Industrial SEMA Zone

	Comp Supp Customers	Total Customers	% of Total	Comp Supp kWh	Total kWh	% of Total	Basic Service Rate - Variable		Comp Supp Customers	Total Customers	% of Total	Comp Supp kWh	Total kWh	% of Total	Basic Service Rate - Variable								
Jan	2,636	4,894	53.9%	198,175,904	273,292,469	72.5%	\$0.13688	Jan	3,929	6,459	60.8%	401,791,820	480,062,186	83.7%	\$0.11715	Jan	1,795	3,219	55.8%	165,419,492	210,474,235	78.6%	\$0.12417
Feb	2,655	4,886	54.3%	189,679,140	248,658,379	76.3%	\$0.10741	Feb	3,985	6,467	61.6%	386,237,596	461,999,446	83.6%	\$0.09611	Feb	1,789	3,177	56.3%	137,898,431	179,289,464	76.9%	\$0.09775
Mar	2,693	4,986	54.0%	169,901,248	221,655,613	76.7%	\$0.09721	Mar	4,009	6,508	61.6%	352,541,422	420,881,506	83.8%	\$0.08657	Mar	1,810	3,237	55.9%	134,275,264	173,755,234	77.3%	\$0.08575
Apr	2,685	4,916	54.6%	275,103,503	226,665,187	121.4%	\$0.09574	Apr	4,074	6,525	62.4%	398,608,127	465,184,870	85.7%	\$0.08516	Apr	1,847	3,261	56.6%	156,325,568	195,887,554	79.8%	\$0.08582
May	2,731	4,940	55.3%	176,650,304	224,221,848	78.8%	\$0.07803	May	4,125	6,569	62.8%	362,225,277	417,904,172	86.7%	\$0.06834	May	1,845	3,231	57.1%	139,224,733	176,055,599	79.1%	\$0.07000
Jun	2,760	4,938	55.9%	180,443,753	228,041,744	79.1%	\$0.07937	Jun	4,125	6,521	63.3%	365,480,040	430,789,144	84.8%	\$0.07160	Jun	1,829	3,198	57.2%	141,349,732	136,601,187	103.5%	\$0.07348
Jul	2,773	4,938	56.2%	176,986,764	225,563,170	78.5%	\$0.08401	Jul	4,130	6,538	63.2%	394,277,821	458,265,753	86.0%	\$0.07714	Jul	1,894	3,281	57.7%	143,045,868	220,405,182	64.9%	\$0.07753
Aug	2,812	5,001	56.2%	195,609,906	249,063,966	78.5%	\$0.73340	Aug	4,159	6,556	63.4%	381,751,499	444,905,796	85.8%	\$0.07082	Aug	1,882	3,240	58.1%	144,799,327	182,859,306	79.2%	\$0.07107
Sep	2,822	4,985	56.6%	194,804,493	245,856,149	79.2%	\$0.07083	Sep	4,104	6,474	63.4%	420,194,586	483,961,097	86.8%	\$0.06829	Sep	1,887	3,236	58.3%	165,858,085	205,641,203	80.7%	\$0.06904
Oct	2,825	4,993	56.6%	186,513,458	231,399,578	80.6%	\$0.07599	Oct	4,182	6,595	63.4%	370,723,641	430,423,707	86.1%	\$0.07316	Oct	1,926	3,288	58.6%	147,058,621	182,276,258	80.7%	\$0.07044
Nov	2,811	4,949	56.8%	174,669,454	218,792,924	79.8%	\$0.06543	Nov	4,149	6,548	63.4%	361,386,987	416,353,086	86.8%	\$0.06630	Nov	1,901	3,232	58.8%	150,251,428	182,276,214	82.4%	\$0.06547
Dec	2,847	5,012	56.8%	186,696,798	235,387,264	79.3%	\$0.07507	Dec	4,200	6,607	63.6%	384,303,304	448,907,021	85.6%	\$0.07634	Dec	1,922	3,267	58.8%	142,119,919	173,568,722	81.9%	\$0.07576
2009	33,050	59,438	55.6%	2,305,234,725	2,828,598,291	81.5%	\$0.08731	2009	49,171	78,367	62.7%	4,579,522,120	5,359,637,784	85.4%	\$0.08872	2009	22,327	38,867	57.4%	1,767,626,468	2,219,090,158	79.7%	\$0.08784
Jan	2,800	4,998	56.0%	185,643,701	240,376,876	77.2%	\$0.08731	Jan	4,132	6,588	62.7%	384,445,943	453,714,892	84.7%	\$0.08872	Jan	1,952	3,319	58.8%	157,984,503	194,874,295	81.1%	\$0.08784
Feb	2,820	5,025	56.1%	177,758,285	230,844,372	77.0%	\$0.09684	Feb	4,101	6,597	62.2%	368,724,467	440,545,265	83.7%	\$0.08805	Feb	1,935	3,286	58.9%	148,533,333	181,592,399	81.8%	\$0.08622
Mar	2,809	5,003	56.1%	176,804,959	223,681,699	79.0%	\$0.08618	Mar	4,082	6,615	61.7%	369,607,274	440,558,857	83.9%	\$0.08775	Mar	1,933	3,320	58.2%	149,464,713	182,149,578	82.1%	\$0.08588
Apr	2,840	5,079	55.9%	174,227,627	217,486,898	80.1%	\$0.08466	Apr	4,084	6,609	61.8%	331,931,785	392,123,421	84.6%	\$0.08911	Apr	1,932	3,346	57.7%	141,806,414	177,292,788	80.0%	\$0.08738
May	2,845	5,096	55.8%	175,842,251	220,928,801	79.6%	\$0.07343	May	4,130	6,694	61.7%	387,691,907	454,105,265	85.4%	\$0.07369	May	1,923	3,365	57.1%	140,094,494	176,166,025	79.5%	\$0.07387
Jun	2,827	5,005	56.5%	191,224,390	237,645,714	80.5%	\$0.07352	Jun	4,133	6,643	62.2%	390,493,031	459,742,695	84.9%	\$0.07363	Jun	1,888	3,286	57.5%	152,694,040	187,498,257	81.4%	\$0.07351
Jul	2,834	5,024	56.4%	217,143,113	271,745,297	79.9%	\$0.07742	Jul	4,118	6,603	62.4%	421,930,801	501,265,910	84.2%	\$0.07906	Jul	1,905	3,275	58.2%	158,344,010	195,942,741	80.8%	\$0.07146
Aug	2,832	4,969	57.0%	208,280,844	259,527,619	80.3%	\$0.07929	Aug	4,137	6,543	63.2%	423,807,464	502,324,065	84.4%	\$0.07886	Aug	1,892	3,244	58.3%	169,010,060	209,288,555	80.8%	\$0.07736
Sep	2,885	5,025	57.4%	203,901,036	253,122,985	80.6%	\$0.07359	Sep	4,144	6,543	63.3%	393,052,575	465,296,062	84.5%	\$0.07329	Sep	1,932	3,300	58.5%	164,282,243	201,989,947	81.3%	\$0.07076
Oct	2,883	5,014	57.5%	183,784,483	225,578,401	81.5%	\$0.07468	Oct	4,122	6,520	63.2%	360,201,704	426,466,559	84.5%	\$0.07401	Oct	1,902	3,229	58.7%	148,237,943	179,237,543	82.7%	\$0.07553
Nov	2,847	4,941	57.6%	172,523,255	211,482,045	81.6%	\$0.06936	Nov	4,099	6,491	63.1%	348,601,529	408,412,891	85.4%	\$0.06771	Nov	1,906	3,233	59.1%	147,743,060	177,209,574	83.4%	\$0.06857
Dec	2,773	4,802	57.7%	187,348,995	232,002,812	80.8%	\$0.07444	Dec	3,979	6,334	62.8%	358,731,278	425,772,741	84.3%	\$0.07356	Dec	1,934	3,246	59.6%	146,000,769	177,710,142	82.2%	\$0.07289
2010	33,995	59,981	56.7%	2,254,482,939	2,824,423,519	79.8%	\$0.07942	2010	49,261	78,781	62.5%	4,539,219,758	5,370,328,623	84.5%	\$0.07939	2010	23,034	39,449	58.4%	1,824,198,146	2,240,951,644	81.4%	\$0.07849
Jan	2,849	4,982	57.2%	184,757,331	229,326,676	80.6%	\$0.07942	Jan	4,068	6,524	62.4%	367,100,614	440,307,077	83.4%	\$0.07939	Jan	1,933	3,299	58.6%	145,994,113	181,197,575	80.6%	\$0.07849
Feb	2,901	5,007	57.9%	191,103,479	239,992,120	79.6%	\$0.07623	Feb	4,058	6,472	62.7%	369,522,992	436,587,045	84.6%	\$0.07539	Feb	1,957	3,314	59.1%	155,398,735	187,669,686	82.8%	\$0.07592
Mar	2,926	4,982	58.7%	180,321,464	226,721,860	79.5%	\$0.07493	Mar	4,132	6,565	62.9%	375,209,236	446,589,115	84.0%	\$0.07449	Mar	1,978	3,331	59.4%	149,421,255	183,408,038	81.5%	\$0.07468
Apr	2,949	4,994	59.1%	173,401,151	217,009,797	79.9%	\$0.07613	Apr	4,130	6,563	62.9%	345,475,507	409,924,687	84.3%	\$0.07537	Apr	1,969	3,322	59.3%	141,091,783	172,993,122	81.6%	\$0.07624
May	2,874	4,862	59.1%	179,797,361	220,085,790	81.7%	\$0.07069	May	4,131	6,536	63.2%	370,853,704	430,658,380	86.1%	\$0.06872	May	1,922	3,266	58.8%	148,845,260	180,597,862	82.4%	\$0.06953
Jun	2,924	4,952	59.0%	188,775,893	234,127,849	80.6%	\$0.06804	Jun	4,111	6,538	62.9%	371,614,295	438,170,020	84.8%	\$0.06662	Jun	1,930	3,262	59.2%	150,060,435	178,752,544	81.2%	\$0.06695
Jul	2,900	4,941	58.7%	195,427,220	246,019,908	79.4%	\$0.06798	Jul	4,100	6,497	63.1%	393,420,534	464,778,120	84.6%	\$0.07220	Jul	1,933	3,259	59.3%	148,954,072	187,274,015	79.5%	\$0.06651
Aug	2,834	4,852	58.4%	213,357,115	266,525,252	80.1%	\$0.07642	Aug	4,019	6,395	62.8%	412,960,544	487,067,974	84.8%	\$0.07122	Aug	1,926	3,240	59.4%	174,086,263	214,133,808	81.3%	\$0.07066
Sep	2,851	4,927	57.9%	195,219,056	246,755,064	79.1%	\$0.07058	Sep	4,089	6,530	62.6%	402,168,636	476,037,291	84.5%	\$0.07205	Sep	1,922	3,253	59.1%	172,511,268	212,038,500	81.4%	\$0.07029
Oct	2,880	4,991	57.7%	190,081,074	240,049,470	79.2%	\$0.07116	Oct	4,100	6,563	62.5%	364,256,580	428,528,562	85.0%	\$0.07240	Oct	1,927	3,305	58.3%	147,198,699	182,833,426	80.5%	\$0.07228
Nov	2,864	4,978	57.5%	183,298,104	230,314,681	79.6%	\$0.07060	Nov	3,978	6,416	62.0%	344,465,420	407,967,729	84.4%	\$0.07016	Nov	1,876	3,246	57.8%	136,764,679	172,155,117	79.4%	\$0.06947
Dec	2,866	4,936	58.1%	177,082,412	224,272,347	79.0%	\$0.08175	Dec	3,886	6,217	62.5%	353,310,943	417,004,853	84.7%	\$0.08450	Dec	1,846	3,134	58.9%	143,172,881	174,926,418	81.8%	\$0.08292
2011	34,618	59,404	58.3%	2,252,551,660	2,821,200,814	79.8%	\$0.08939	2011	48,802	77,816	62.7%	4,470,359,005	5,283,620,853	84.6%	\$0.09394	2011	23,119	39,231	58.9%	1,808,499,443	2,227,980,111	81.2%	\$0.09401
Jan	2,838	4,929	57.6%	176,951,516	237,009,813	74.7%	\$0.08939	Jan	4,029	6,487	62.1%	358,519,371	435,067,492	82.4%	\$0.09394	Jan	1,951	3,279	59.5%	153,031,206	187,499,700	81.6%	\$0.09401
Feb	2,912	4,939	59.0%	174,716,270	218,584,619	79.9%	\$0.07665	Feb	4,092	6,513	62.8%	353,977,807	419,386,486	84.4%	\$0.06913	Feb	1,989	3,280	60.6%	143,852,379	174,145,614	82.6%	\$0.06929
Mar	2,913	4,917	59.2%	181,825,149	226,221,374	80.4%	\$0.06542	Mar	4,137	6,548	63.2%	368,139,097	434,018,842	84.8%	\$0.06844	Mar	2,031	3,301	61.5%	147,526,960	176,639,441	83.5%	\$0.06843
Apr	2,900	4,846	59.8%	183,467,448	224,366,996	81.8%	\$0.06359	Apr	4,149	6,498	63.9%	364,178,011	424,204,513	85.8%	\$0.06944	Apr	1,996	3,255	61.3%	149,334,759	176,462,056	84.6%	\$0.06987
May	3,002	4,981	60.3%	179,047,549	218,875,189	81.8%	\$0.05510	May	4,175	6,491	64.3%	359,270,764	418,172,620	85.9%	\$0.05520	May	2,034	3,290	61.8%	143,781,317	170,935,484	84.1%	\$0.05648
Jun	3,033	4,961	61.1%	194,300,577	237,892,393	81.7%	\$0.05226	Jun	4,223	6,513	64.8%	373,001,204	436,696,511	85.4%	\$0.0521								

Division 1-2

Request:

Please refer to page 7 of the Direct Testimony of Margaret M. Janzen at lines 10-13:

- a. What were the block sizes used for each of the commercial and residential group procurements conducted in Q2 2012 through Q1 2013?
- b. Please explain any anticipated differences from the block sizes used in past procurements for the procurements in 2014.

Response:

- a. Each customer group is constructed as a load asset with the ISO-NE. The owner of a load asset is responsible for all ISO settlement charges related to providing customers Standard Offer Service. The Company's transaction quantities are structured as a percentage share of a load asset, also known as a "block". The actual quantities of these blocks will not be known until after a month has ended. For the second quarter of 2012 through the first quarter of 2013, each Commercial Group transaction quantity was 30% of the Commercial Group's load asset. Each Residential Group transaction quantity was either 15% or 20% of the Residential Group's load asset for the same period.

Transaction terms are either for the period January through June or for the period July through December. Procurements conducted in Q2 2012 through Q1 2013 for the Residential Group were for the period January 1, 2013 through December 31, 2014. Procurements conducted in Q2 2012 through Q1 2013 for the Commercial Group were for the period July 1, 2012 to December 31, 2013.

Below are the Forecasted Wholesale Loads which were included in the response to Division Data Request 1-2 in Docket No. 4315. The Forecasted Wholesale Loads were included in the Direct Testimony of Margaret M. Janzen as Schedule 3B, adjusted by the transaction percentage share of each customer group.

Division 1-2, page 2

**Forecasted Wholesale Loads (MWhs)**

	<b>Commercial</b>		<b>Residential</b>		
	<b>100%</b>	<b>30%</b>	<b>100%</b>	<b>15%</b>	<b>20%</b>
Jan	123,637	37,091	319,677	47,952	63,935
Feb	110,652	33,196	267,167	40,075	53,433
Mar	114,143	34,243	260,308	39,046	52,062
Apr	104,245	31,273	231,966	34,795	46,393
May	107,906	32,372	225,827	33,874	45,165
Jun	121,778	36,534	275,456	41,318	55,091
Total	682,363	204,709	1,580,402	237,060	316,080

	<b>Commercial</b>		<b>Residential</b>		
	<b>100%</b>	<b>30%</b>	<b>100%</b>	<b>15%</b>	<b>20%</b>
Jul	143,553	43,066	400,667	60,100	80,133
Aug	135,272	40,582	336,030	50,404	67,206
Sep	120,046	36,014	267,400	40,110	53,480
Oct	107,984	32,395	242,831	36,425	48,566
Nov	103,548	31,064	245,660	36,849	49,132
Dec	117,966	35,390	324,028	48,604	64,806
Total	728,370	218,511	1,816,619	272,493	363,324

The Total row in each table shows each customer group's estimated MWhs for 100% and for the different transaction percentages by time period.

- b. The 2014 Standard Offer Service Procurement Plan includes procurements conducted in Q1 2014 through Q4 2014. Identical to the Q2 2012 through Q1 2013 period, the transaction quantity for the Commercial Group will be 30% of the Commercial Group's load asset. The transaction quantity for the Residential Group will be either 15% or 20% of the Residential Group's load asset. The actual quantities of these blocks will not be known until after a month has ended.

Transaction terms are either for the period January through June or for the period July through December. Below are the Forecasted Wholesale Loads, which were included in the Direct Testimony of Margaret M. Janzen as Schedule 3B, adjusted by the transaction percentage share of each customer group.

The Narragansett Electric Company  
d/b/a National Grid  
Docket No. 4393  
2014 Standard Offer Service Procurement Plan  
2014 Renewable Energy Standard Procurement Plan  
Responses to Division's First Set of Data Request  
Issued April 10, 2013

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Division 1-2, page 3

**Forecasted Wholesale Loads (MWhs)**

	Commercial		Residential		
	100%	30%	100%	15%	20%
Jan	111,731	33,519	291,663	43,749	58,333
Feb	99,654	29,896	248,048	37,207	49,610
Mar	104,224	31,267	249,246	37,387	49,849
Apr	91,391	27,417	214,535	32,180	42,907
May	95,665	28,699	226,305	33,946	45,261
Jun	102,356	30,707	269,437	40,415	53,887
Total	605,020	181,506	1,499,236	224,885	299,847

	Commercial		Residential		
	100%	30%	100%	15%	20%
Jul	121,948	36,584	386,317	57,948	77,263
Aug	117,737	35,321	363,573	54,536	72,715
Sep	96,150	28,845	257,345	38,602	51,469
Oct	96,173	28,852	245,349	36,802	49,070
Nov	90,430	27,129	257,842	38,676	51,568
Dec	102,059	30,618	298,491	44,774	59,698
Total	624,497	187,349	1,808,917	271,338	361,783

The Total row in each table shows each customer group's estimated MWhs for 100% and for the different transaction percentages by time period.

Prepared by or under the supervision of: Margaret Janzen

The Narragansett Electric Company  
d/b/a National Grid  
Docket No. 4393  
2014 Standard Offer Service Procurement Plan  
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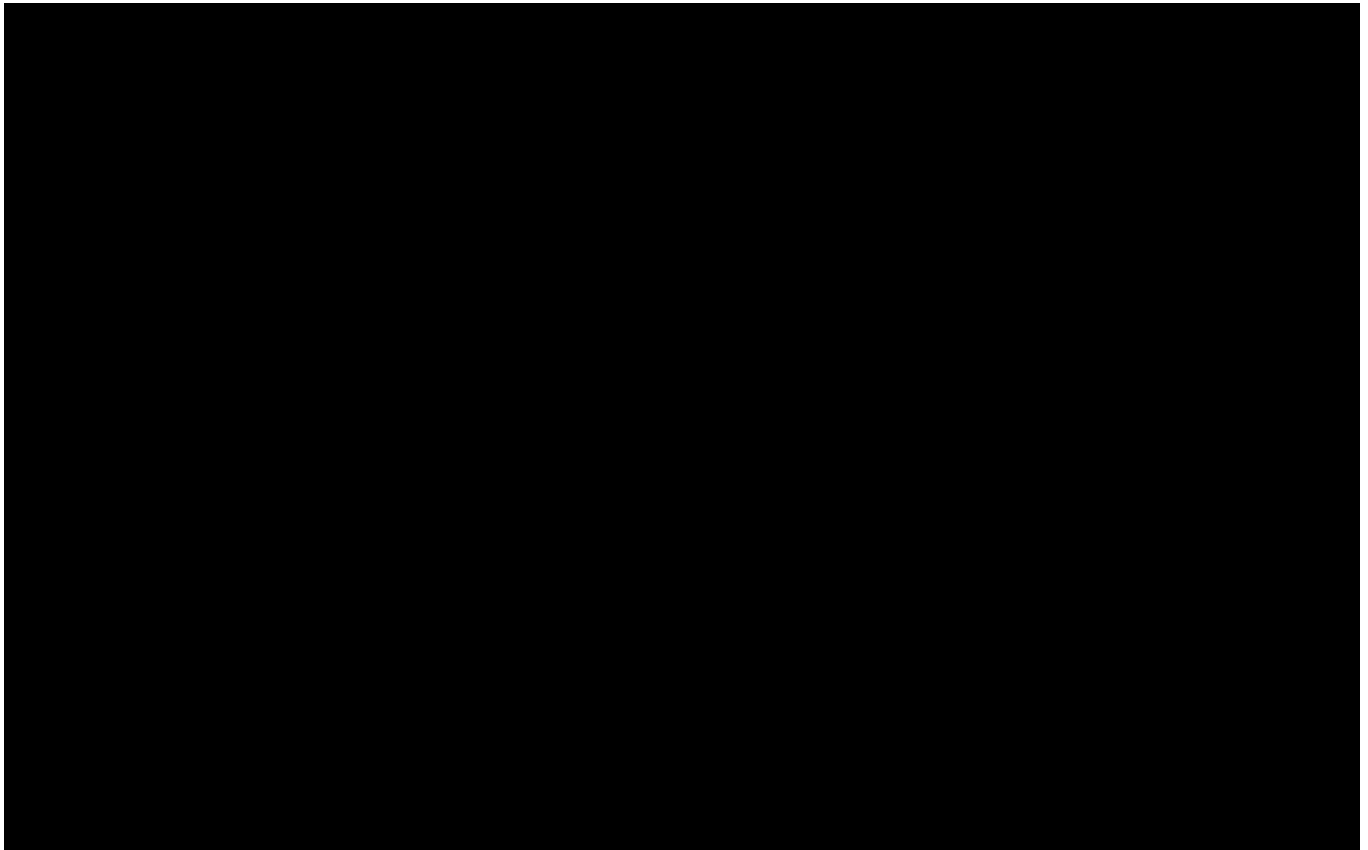
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Division 1-3

Request:

Please provide the prices obtained in each of the industrial, residential, and commercial procurements conducted during 2011 and 2012.

Response:

Winning bid prices for each transaction executed in 2011 and 2012 are listed below. This information is also filed with the Commission every RFP as a "Summary of Bids" within 24 hours of receiving indicative and final bids. This was most recently filed on February 12, 2013 and was titled "Re: Docket 4315: Standard Offer Service Plan Summary of Bids And Request for Confidential Treatment." Also, each RFP Summary included in the proposed Standard Offer Service Rates quarterly filing contains the winning bid prices and all submitted bids.





The Narragansett Electric Company

d/b/a National Grid

Docket No. 4393

2014 Standard Offer Service Procurement Plan

2014 Renewable Energy Standard Procurement Plan

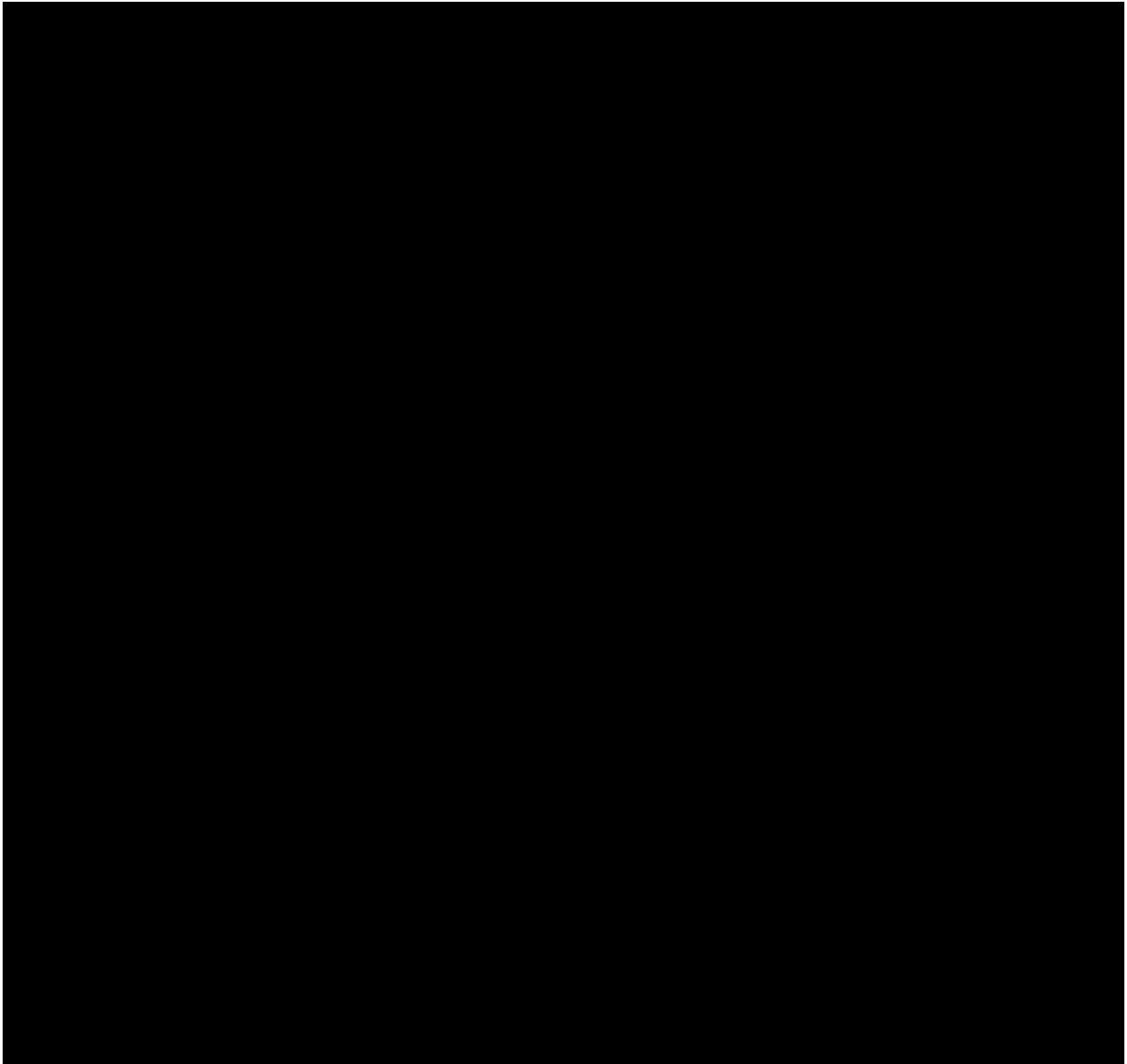
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The Narragansett Electric Company

d/b/a National Grid

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2014 Standard Offer Service Procurement Plan

2014 Renewable Energy Standard Procurement Plan

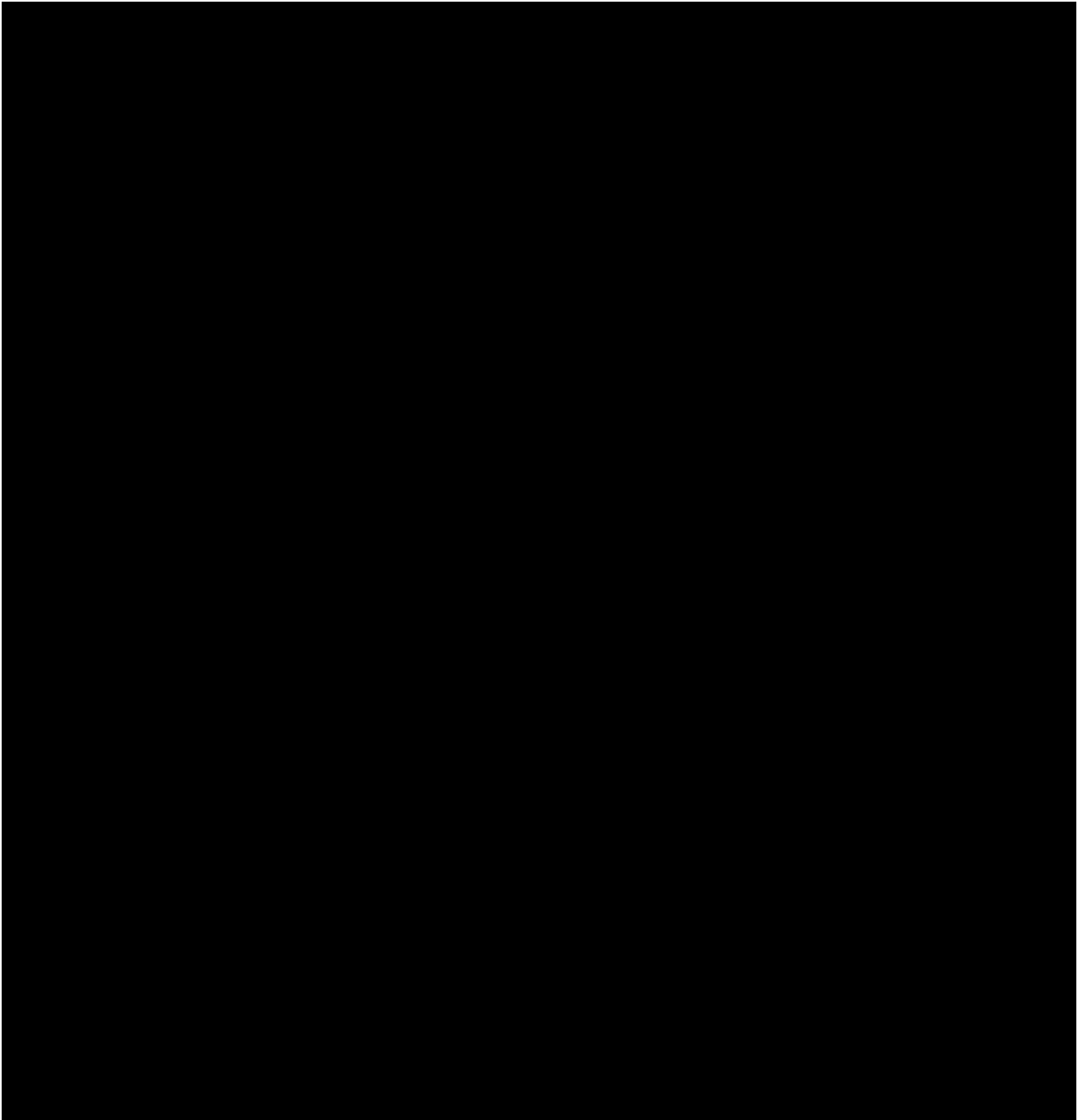
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Division 1-3, page 3



Prepared by or under the supervision of: Margaret Janzen

Division 1-4

Request:

For spot market purchases for SOS for commercial and residential customers:

- a. How are the daily loads estimated prior to bidding each day?
- b. How much of the load does the Company bid into the Day Ahead market compared to the Real Time market?
- c. Please describe all strategies the Company uses to limit its exposure to ISO-NE NCPC charges for this load.

Response:

- a. The Company uses a combination of weather data and recent historical load data to estimate the hourly loads that are submitted to the ISO-NE Day Ahead market. The Wholesale Electric Supply department receives Initial Meter Data which is submitted to the ISO-NE 37 business hours after an operating day. The data is generated by the Company's Meter Data Services department and it is provided for both the Residential and Customer Groups. The Company selects a historical day with similar weather characteristics to a forecast day and uses that day's hourly volume to construct the forecasted bid.
- b. The Company's Day Ahead load bidding strategy is to minimize exposure to the Real Time market by bidding 100% of the forecasted load requirements into the Day Ahead market and to allow the Real Time market to be strictly the balancing market for actual load conditions.
- c. There are Day Ahead NCPC charges and Real Time NCPC charges on the ISO-NE settlement report. The Day Ahead NCPC charge is based on the Company's Day Ahead Load Obligation, which is the quantity bid into the Day Ahead market. The Real Time NCPC charge is based on both the Real Time Deviation and the Real Time Load Obligation. The Real Time Deviation is the absolute value of the reconciled load minus the Day-Ahead Load Obligation. The Real Time Load Obligation is the reconciled load.

Division 1-4, page 2

NCPC charges based on the Real Time Load Obligation are unavoidable; all load volume will pay these charges. The accuracy of the Company's daily Day Ahead bids determines the Company's exposure to the Real Time NCPC charges that are dependent on the Real Time Deviation. Because the Company attempts to bid 100% of the forecasted load requirements into the Day Ahead market, it limits its exposure to the Real Time NCPC charges that are based on Real Time Deviations.

Prepared by or under the supervision of: Margaret Janzen

The Narragansett Electric Company  
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Docket No. 4393  
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Responses to Division's First Set of Data Request  
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Division 1-5

Request:

Please provide the annual amounts of energy and capacity that is expected to be purchased through December 2015 from each of the following three sources:

- a. Long-term Renewable Contracts
- b. Net metered facilities
- c. Renewable Qualifying Facilities

Response:

Please see the table below for the amounts of renewable energy and capacity that are expected to be purchased through December 2015 from RI Long Term Contracts, Net Metered Facilities and Qualifying Facilities (QFs).

Renewable Generation Type	2013		2014		2015	
	Energy (MWh)	Capacity (MW)	Energy (MWh)	Capacity (MW)	Energy (MWh)	Capacity (MW)
Long Term Contracts (1)	212,315	29.4	334,986	47.6	448,434	51.8
Net Metered Facilities (2)	3,144	-	3,616	-	4,158	-
Qualifying Facilities (3)	9,745	0.6	9,745	0.7	9,745	1.4
TOTAL	225,205	30.0	348,347	48.3	462,337	53.2

Notes:

- (1) For the assumptions related to the Long Term Contracts, please see the response to Division Data Request 1-10.
- (2) The actual 2011 Net Metered excess generation output of 2,734 MWh with an estimated annual growth rate of 15% was used to estimate the energy purchases for 2013-2015. Actuals from 2012 were not used because a large project was offline for a substantial part of the year. Net Metered Facilities are not qualified as capacity resources.
- (3) The actual 2012 renewable Qualifying Facility generation was used to estimate 2013-2015 QF energy purchases. The Company has not seen in the last several months any increase in the number of Rhode Island QFs seeking to sell energy to the Company. Actual qualified capacity values in the ISO-NE Forward Capacity Market for 2013-15 were used for capacity purchases.

Prepared by or under the supervision of: Margaret Janzen

**Redacted**  
Division 1-6

Request:

Please identify if and when a different FRS bidder would have won the SOS competitive solicitations if the Company had awarded the FRS transaction based on total (SOS and RES) pricing.

Response:

Each RFP Summary filed with the proposed Standard Offer Service Rates includes all submitted SOS bids, all submitted RES pricing bids, and an analysis of bidders' combined SOS and RES pricing. A review of past bidder submission shows that in multiple cases, based on submitted bids, a different bidder would have won the FRS solicitation if the contract were awarded based on combined SOS and RES pricing. In many cases the submitted RES prices were higher than the Company's market estimate of RECs. The Company cautions that this analysis does not take into account that RES pricing was not required to be submitted by bidders, and thus the pricing and participation levels would have both been different from the results shown here.

In response to Division Data Request 1-5 in Docket No. 4315, the Company provided a summary for all competitive solicitations for 2010 through Q1 2012. Below is a summary of each competitive solicitation beginning Q2 2012 and the impact to awards and number of bidders if RES pricing was required. If an FRS bidder did not submit RES pricing, or if it submitted RES pricing equal to or greater than the ACP, it was removed from the analysis.

For the May 9, 2012 solicitation, [REDACTED] did not submit RES pricing. Removing [REDACTED] from the analysis would have resulted in different winners for Blocks A and D. The number of qualified bidders participating in the solicitation would have decreased.

Block	# of Bidders	Revised # of Bidders
A	[REDACTED]	
D	[REDACTED]	

The Company did not request RES pricing for Blocks B, C and E in this solicitation. Submitted RES pricing from these new winning bidders were above the Company's RES market estimate.

**Redacted**  
Division 1-6, page 2

For the August 8, 2012 solicitation, the Company requested RES pricing only for Block A. The Company did not request RES pricing for Blocks B, C and D. [REDACTED] for Block A did not submit RES pricing and removing [REDACTED] from the analysis would not have impacted bid awards. Submitted RES pricing from the bidders were above the Company's RES market estimate. The number of qualified bidders participating in the solicitation would have decreased.

Block	# of Bidders	Revised # of Bidders
A	[REDACTED]	[REDACTED]

For the November 14, 2012 solicitation, [REDACTED] did not submit RES pricing. Removing [REDACTED] from the analysis would not have impacted bid awards. The number of qualified bidders participating in the solicitation would have decreased.

Block	# of Bidders	Revised # of Bidders
A	[REDACTED]	[REDACTED]
B		
C		
F		
G		

The Company did not request RES pricing for Blocks D and E in this solicitation. The Company did award RES pricing to one winning bidder because the submitted RES price was below the Company's RES market estimate.

For the February 13, 2013 solicitation, [REDACTED] did not submit RES pricing. [REDACTED] submitted RES pricing that was greater than the ACP rates. Removing [REDACTED] from the analysis would have resulted in different winners for all Blocks. The number of qualified bidders participating in the solicitation would have decreased.

Block	# of Bidders	Revised # of Bidders
A	[REDACTED]	[REDACTED]
B		
E		

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**Redacted**  
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The Company did not request RES pricing for Blocks C and D in this solicitation. Submitted RES pricing from these new winning bidders were above the Company's RES market estimate.

Prepared by or under the supervision of: Margaret Janzen



Division 1-7

Request:

Please explain the benefits/costs of the Company only evaluating bidders' RES pricing for the first year when evaluating multiple-year FRS bids.

Response:

In Order 20431 the Commission approved the Company's 2012 Renewable Energy Standard Procurement Plan, which was filed in Docket No. 4227. The Company had proposed to evaluate RES pricing for the first year of an FRS transaction that spanned multiple years. The Company provided two reasons for this proposal. First, there were fewer price sources available for RI New REC vintages beyond the first year. Second, REC market prices had been historically higher in the years following the first year. In subsequent data requests the Company provided the underlying information to support these statements.

Since the 2012 Renewable Energy Standard Procurement Plan, RI New RECs have priced close to the Alternative Compliance Payment rate, thus making the second reason less relevant. However, there continues to be a lack of price sources for New REC vintages beyond the first year. As stated in the Direct Testimony of Margaret M. Janzen, the Company compares RES pricing submitted by FRS bidders to the most recent market prices. If the Company has not recently held a standalone solicitation for RECs, it will obtain REC market prices from the most recent broker sheets. If market prices are not available, or if there are too few sources, the Company will not be able to evaluate the submitted RES pricing.

In addition, the Commission approved the Company's 2013 Renewable Energy Standard Procurement Plan, which was filed in Docket No. 4315. This plan included the proposal to utilize RECs from Long Term Renewable Contracts to satisfy the Company's RES obligations. To avoid the possibility of an oversupply of RECs in its portfolio, the Company believes it prudent to not procure RECs for future years.

Prepared by or under the supervision of: Margaret Janzen

Division 1-8

Request:

Over what period(s) is the “actual SOS load requirement” (discussed on p. 21 of Janzen testimony) calculated and does it differ by customer group? Does the “linking” of the purchase of remaining RES obligation with actual SOS load requirements imply that the Company would not purchase RECs to satisfy obligations beyond this period(s)?

Response:

The transaction period for the Industrial Group is different from that for the Residential and Commercial Groups. Each transaction for the Industrial Group is for a three-month period while each transaction for the Residential and Commercial Groups is for a six-month period, but may be contracted for up to 24 months at a time through contiguous period contracting of these transactions.

As detailed in Schedule 2 of the Direct Testimony of Margaret M. Janzen, the Company will procure SOS for the periods:

- April 2014 through March 2015 for the Industrial Group;
- July 2014 through December 2015 for the Commercial Group;
- July 2014 through December 2016 for the Residential Group.

Other than RECs acquired from Long Term Renewable Contracts, the Company does not propose to contract for RECs to comply with RES beyond the period and load requirement that has been contracted for through the SOS solicitations, which can be up to two years. As shown in the 2014 RES Plan, RECs obtained via the Long Term Renewable Contracts are projected to soon exceed SOS customers' RES obligations. In that case, New RECs purchases from other methods will no longer be required.

Prepared by or under the supervision of: Margaret Janzen

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Division 1-9

Request:

Has the Company investigated the possibility of selling the New RECs from the Long Term Renewable contracts in other states' markets if market conditions are advantageous (i.e., can more than cover the transaction costs involved)?

Response:

At the Company's request, the counterparty of a Long Term Renewable contract is required to seek qualification under the renewable portfolio standard or similar law of one or more New England states (in addition to Rhode Island) and/or any federal renewable energy standard. Once the RECs are qualified, the Company may sell the New RECs to comply with other states' renewable portfolio standards.

As approved in the 2013 Renewable Energy Standard Procurement Plan, the Company will utilize the New RECs from the Long Term Renewable contracts to satisfy the RES obligations of the SOS customers. Eventually RECs generated by Long Term Renewable contracts should exceed the New RES obligations for SOS customers. When this occurs, the Company would sell excess RECs in whichever market provided the best price.

Prepared by or under the supervision of: Margaret Janzen

Division 1-10

Request:

Please provide the assumptions regarding the Company's Long-Term Renewable contracts discussion on p.22 of the Janzen testimony that are used to determine the quantity of RECS supplied shown in Schedule 7. Provide the assumptions the New REC requirement data shown in Schedule 7.

Response:

As described on p. 22 of the testimony, the Company made various assumptions regarding its Long-Term Renewable Contracts ("LTCs") including commercial operation dates, project size, output, and contract capacity. The Company used reasonable estimates for the commercial operation dates of the executed LTCs (including the Distributed Generation "DG" Standard Contracts) and for future LTC obligations to estimate the quantity of RECs supplied. For the future LTC obligations, the Company divided the remaining LTC obligations into two equal solicitations that would require projects to become commercially operable and to produce RECs in 2016 and 2018 respectively. The remaining DG Standard Contracts to be executed were forecasted from the current DG contract enrollment schedule and construction timelines detailed in the rules for the DG enrollments.

Please see the table below for the assumptions regarding the quantity of RECs supplied from the Long-Term Renewable Contracts.

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RI LTC REC Forecast											
	Forecasted RI LTC RECs (Under Contract)						Forecasted RI LTC RECs (not yet contracted)				Total
	Deepwater Wind	RI Landfill Gas	Orbit HSAD Biogas	Black Bear Hydro	RI DG	Sum	Half of remaining LTC	Half of remaining LTC	RI DG Future	Sum	
Estimated COD	Oct-2014	Mar-2013	Jan-2014	Jan-2014	2013		Jan-2016	Jan-2018			
Annual Output (Calendar Year)	2011	0	0	0	0	0				0	0
	2012	0	0	0	0	0				0	0
	2013	0	199,168	0	0	13,147				0	212,315
	2014	26,260	239,002	17,370	31,268	21,066				0	334,986
	2015	105,120	239,002	23,160	31,268	20,976			28,908	28,908	448,434
	2016	105,120	239,002	23,160	31,268	20,887	155,505		57,700	213,205	632,643
	2017	105,120	239,002	23,160	31,268	20,799	155,505		57,470	212,975	632,323
	2018	105,120	239,002	23,160	31,268	20,710	155,505	155,505	57,240	368,250	787,510
	2019	105,120	239,002	23,160	31,268	20,623	155,505	155,505	57,011	368,021	787,193
	2020	105,120	239,002	23,160	31,268	20,535	155,505	155,505	56,783	367,793	786,878
	2021	105,120	239,002	23,160	31,268	20,448	155,505	155,505	56,556	367,566	786,564
	2022	105,120	239,002	23,160	31,268	20,362	155,505	155,505	56,329	367,339	786,251
	2023	105,120	239,002	23,160	31,268	20,276	155,505	155,505	56,104	367,114	785,940
	2024	105,120	239,002	23,160	31,268	20,190	155,505	155,505	55,880	366,890	785,630
	2025	105,120	239,002	23,160	31,268	20,105	155,505	155,505	55,656	366,666	785,321
	2026	105,120	239,002	23,160	31,268	20,020	155,505	155,505	55,433	366,443	785,014
	2027	105,120	239,002	23,160	31,268	19,936	155,505	155,505	55,212	366,222	784,708
	2028	105,120	39,834	23,160	31,268	10,582	209,964	155,505	54,991	366,001	575,965
	2029	105,120	0	5,790	0	0	110,910	155,505	54,771	365,781	476,691
	2030	105,120	0	0	0	0	105,120	155,505	28,908	339,918	445,038
	2031	105,120	0	0	0	0	105,120	155,505	0	155,505	260,625
	2032	105,120	0	0	0	0	105,120	155,505	0	155,505	260,625
	2033	105,120	0	0	0	0	105,120		0	0	105,120
	2034	78,840	0	0	0	0	78,840		0	0	78,840
	2035	0	0	0	0	0	0		0	0	0

The Company used a forecast of the Standard Offer load to calculate the New REC requirement. The forecasted annual Standard Offer loads were then multiplied by the RI RES New Renewable Resource Requirement (Section 4.2 of the Rules and Regulations Governing The Implementation of A Renewable Energy Standard promulgated pursuant to the Renewable Energy Standard Law Section 39-26-1 et seq. of the General Laws of Rhode Island that implement a Renewable Energy Standard to facilitate the development of renewable energy resources for the benefit of customers in Rhode Island.) to determine the New REC requirement. Please see the table below for a detailed calculation of the Company's New REC requirement.

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<b>Year</b>	<b>Std Offer Load Forecast</b>	<b>RES New % Obligation</b>	<b>RES New REC Requirement</b>
2012	5,267,081	4.50%	237,019
2013	5,179,060	5.50%	284,849
2014	5,141,486	6.50%	334,197
2015	5,156,969	8.00%	412,558
2016	5,160,374	9.50%	490,236
2017	5,059,911	11.00%	556,591
2018	4,941,722	12.50%	617,716
2019	4,893,293	14.00%	685,062
2020	4,845,339	14.00%	678,348
2021	4,797,855	14.00%	671,700
2022	4,750,836	14.00%	665,117
2023	4,704,277	14.00%	658,599
2024	4,658,175	14.00%	652,145
2025	4,612,525	14.00%	645,754
2026	4,567,323	14.00%	639,426
2027	4,522,563	14.00%	633,159
2028	4,478,242	14.00%	626,954
2029	4,434,355	14.00%	620,810
2030	4,390,898	14.00%	614,726
2031	4,347,867	14.00%	608,702
2032	4,305,258	14.00%	602,737
2033	4,263,067	14.00%	596,830
2034	4,221,289	14.00%	590,981
2035	4,179,920	14.00%	585,189

Prepared by or under the supervision of: Margaret Janzen