

May 10, 2018

BY HAND DELIVERY AND ELECTRONIC MAIL

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

**RE: Docket 4809 - 2019 Standard Offer Service Procurement Plan
2019 Renewable Energy Standard Procurement Plan
Responses to Division Data Requests – Set 1**

Dear Ms. Massaro:

On behalf of National Grid,¹ I have enclosed the Company's responses to the Rhode Island Division of Public Utilities and Carriers' first set of data requests in the above-referenced docket.

Please note that the Company's responses to Data Requests Nos. 1-2 and 1-3 are pending.

Thank you for your attention to this transmittal. If you have any questions, please call me at 781-907-2121.

Very truly yours,



Raquel J. Webster

Enclosure

cc: Docket 4809 Service List
Leo Wold, Esq.
John Bell, Division

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

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-1

Request:

Please provide copies to all responses to data requests submitted by all parties in this docket. This includes public and confidential data responses. Please provide the responses at, or shortly after when the responses are delivered to the other parties. This is an ongoing request.

Response:

As of the date of this response, the Company has not received any other data requests in this docket. The Company will supply data responses to the service list and, therefore, all parties will receive copies of the responses.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-4

Request:

Please provide all Schedules to the testimony of Witness Stephen A. McCauley in native format and, as applicable, in Excel format with formulae intact.

Response:

Please see Attachments DIV 1-4-1 through DIV 1-4-10 on USB Flash Drive, which are the Schedules of the Direct Testimony of Stephen A. McCauley in native format. Attachments DIV1-4-1, DIV 1-4-2, DIV 1-4-3, and DIV 1-4-7 includes working Excel versions of Schedules 1, 2, 3, and 7, and Attachments DIV 1-4-4, DIV 1-4-5, DIV 1-4-6, and DIV 1-4-8 through DIV 1-4-10 contain the Word versions of Schedules 4, 5, 6, and 8 through 10.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-5

Request:

Please provide any additional workpapers and other documents that support the testimony of Witness Stephen A. McCauley and, where applicable, provide such workpapers and other documents electronically in Excel format with formulae intact.

Response:

The Company does not have any additional workpapers or other documents supporting the Direct Testimony of Stephen A. McCauley.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-6

Request:

What is the historical SOS tariff policy in Rhode Island?

Response:

Please see Attachment DIV 1-6 for all Standard Offer Service Tariffs from January 1, 2010 to the present.

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

AVAILABILITY

Standard Offer Service shall be available to all Customers (including new Customers) who have not elected to take their electric supply from a non-regulated power producer or any Customer who, for any reason, has stopped receiving Generation Service from a non-regulated power producer.

MONTHLY CHARGE

The Charge for Standard Offer Service will be the sum of the applicable Standard Offer Service charges in addition to all appropriate Retail Delivery charges as stated in the applicable tariff. The monthly charge for Standard Offer Service shall also include the costs incurred by the Company to comply with the Renewable Energy Standard, established in R.I.G.L. Section 39-26-1 and the costs to comply with the Commission's Rules Governing Energy Source Disclosure. The charge for Standard Offer Service will include the administrative costs associated with the procurement of Standard Offer Service, including an adjustment for uncollectible accounts as approved by the Commission.

RATE FOR ALL CLASSES

The Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096 to this tariff sets forth the rates for each rate class for the specified period. These rates are subject to change at the end of the period specified in the Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096. The Company will file a new Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096 for the next pricing period prior to the expiration of the current period.

The rates for each rate class shall be as follows:

Residential Group (Rates A-16, A-60). The rate applicable to this class shall be a fixed price that represents a weighted average of the actual monthly contract prices over the period specified in the Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096, plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

Commercial Group (Rates C-06, G-02, S-06, S-10, S-14). There are two rate options available to customers in the Commercial Group. The Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096 to this tariff sets forth the rate options for each rate class for the specified six month period. One option is referred to as the "Fixed Price Option". The second option is referred to as the "Variable Price Option". The rates for each option are subject to change at the end of the six month period specified in the

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096.

Fixed Price Option: represents a weighted average of the applicable winning bid over six months plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England. Customers receiving retail delivery service on Rate C-06 will be placed on the Fixed Price Option when initially requesting Standard Offer Service from the Company.

Variable Price Option: represents the actual monthly price from the applicable winning bid for each month of the same six month period plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England. Customers receiving retail delivery service on Rates G-02, S-06, S-10 and S-14 will be placed on the Variable Price Option when initially requesting Standard Offer Service from the Company.

All customers in the Commercial Group will have the option to switch to a different pricing option once during a twelve month period. After the initial assignment to a pricing option, each customer may choose a different pricing option, however, once the election has been made, the customer must remain on the chosen pricing option for a period of at least twelve (12) months.

Customers may notify the Company at any time to elect a different pricing option, provided that such notification is received at least two business days prior to the Customer's scheduled meter read date that occurs prior to either a January 1 or July 1 Standard Offer rate change. After receiving the notice, the switch will be made by the Company on the scheduled meter read date immediately preceding the next scheduled Standard Offer Service rate change (either January 1 or July 1).

Industrial Group (Rates B-32, G-32, B-62, G-62 and X-01). The rates applicable to this class shall be fixed monthly prices, representing the actual monthly contract prices for each month of the period specified in the Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096, or may be based upon estimates of the cost of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

TERMINATION OF STANDARD OFFER SERVICE

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received in accordance with the

R.I.P.U.C. No. 2155
Sheet 3
Canceling R.I.P.U.C. No. 2148

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

Company's Terms and Conditions for Non-regulated Power Producers.

There shall be no fee for terminating Standard Offer Service.

RATE CHANGES

The rates set forth in this tariff are effective for usage on and after the Effective Date. Any changes will be filed with the Commission and are subject to Commission review and approval.

Effective Date: July 1, 2015

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

AVAILABILITY

Standard Offer Service shall be available to all Customers (including new Customers) who have not elected to take their electric supply from a non-regulated power producer or any Customer who, for any reason, has stopped receiving Generation Service from a non-regulated power producer.

MONTHLY CHARGE

The Charge for Standard Offer Service will be the sum of the applicable Standard Offer Service charges in addition to all appropriate Retail Delivery charges as stated in the applicable tariff. The monthly charge for Standard Offer Service shall also include the costs incurred by the Company to comply with the Renewable Energy Standard, established in R.I.G.L. Section 39-26-1 and the costs to comply with the Commission's Rules Governing Energy Source Disclosure. The charge for Standard Offer Service will include the administrative costs associated with the procurement of Standard Offer Service, including an adjustment for uncollectible accounts as approved by the Commission.

RATE FOR ALL CLASSES

The Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096 to this tariff sets forth the rates for each rate class for the specified period. These rates are subject to change at the end of the period specified in the Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096. The Company will file a new Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096 for the next pricing period prior to the expiration of the current period.

The rates for each rate class shall be as follows:

Residential Group (Rates A-16, A-60). The rate applicable to this class shall be a fixed price that represents a weighted average of the actual monthly contract prices over the period specified in the Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096, plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

Commercial Group (Rates C-06, G-02, S-06, S-10, S-14). There are two rate options available to customers in the Commercial Group. The Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096 to this tariff sets forth the rate options for each rate class for the specified six month period. One option is referred to as the "Fixed Price Option". The second option is referred to as the "Variable Price Option". The rates for each option are subject to change at the end of the six month period specified in the

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096.

Fixed Price Option: represents a weighted average of the applicable winning bid over six months plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England. Customers receiving retail delivery service on Rate C-06 will be placed on the Fixed Price Option when initially requesting Standard Offer Service from the Company.

Variable Price Option: represents the actual monthly price from the applicable winning bid for each month of the same six month period plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England. Customers receiving retail delivery service on Rates G-02, S-06, S-10 and S-14 will be placed on the Variable Price Option when initially requesting Standard Offer Service from the Company.

All customers in the Commercial Group will have the option to switch to a different pricing option once during a twelve month period. After the initial assignment to a pricing option, each customer may choose a different pricing option, however, once the election has been made, the customer must remain on the chosen pricing option for a period of at least twelve (12) months.

Customers may notify the Company at any time to elect a different pricing option, provided that such notification is received at least two business days prior to the Customer's scheduled meter read date that occurs prior to either a January 1 or July 1 Standard Offer rate change. After receiving the notice, the switch will be made by the Company on the scheduled meter read date immediately preceding the next scheduled Standard Offer Service rate change (either January 1 or July 1).

Industrial Group (Rates B-32, G-32, B-62, G-62 and X-01). The rates applicable to this class shall be fixed monthly prices, representing the actual monthly contract prices for each month of the period specified in the Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096, or may be based upon estimates of the cost of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

TERMINATION OF STANDARD OFFER SERVICE

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received in accordance with the

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

Company's Terms and Conditions for Non-regulated Power Producers.

There shall be no fee for terminating Standard Offer Service.

BILLING ADJUSTMENT WHEN LEAVING STANDARD OFFER SERVICE

Customers in the Residential Group and customers in the Commercial Group billed under the Fixed Price Option who leave Standard Offer Service to receive Generation Service from a Nonregulated power producer shall be subject to a billing adjustment for the time they were billed under the Standard Offer Service rate during the current pricing period. Specifically, the billing adjustment shall be based on the difference between the Standard Offer Service rate in effect for the current pricing period and the actual monthly contract rates for the same period, multiplied by the Customer's kilowatt-hour usage during the same period. The billing adjustment can be either a charge or a credit.

RATE CHANGES

The rates set forth in this tariff are effective for usage on and after the Effective Date. Any changes will be filed with the Commission and are subject to Commission review and approval.

Effective Date: July 1, 2014

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

AVAILABILITY

Standard Offer Service shall be available to all Customers (including new Customers) who have not elected to take their electric supply from a non-regulated power producer or any Customer who, for any reason, has stopped receiving Generation Service from a non-regulated power producer.

MONTHLY CHARGE

The Charge for Standard Offer Service will be the sum of the applicable Standard Offer Service charges in addition to all appropriate Retail Delivery charges as stated in the applicable tariff. The monthly charge for Standard Offer Service shall also include the costs incurred by the Company to comply with the Renewable Energy Standard, established in R.I.G.L. Section 39-26-1 and the costs to comply with the Commission's Rules Governing Energy Source Disclosure. The charge for Standard Offer Service will include the administrative costs associated with the procurement of Standard Offer Service, including an adjustment for uncollectible accounts as approved by the Commission.

RATE FOR ALL CLASSES

The Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096 to this tariff sets forth the rates for each rate class for the specified period. These rates are subject to change at the end of the period specified in the Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096. The Company will file a new Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096 for the next pricing period prior to the expiration of the current period.

The rates for each rate class shall be as follows:

Residential Group (Rates A-16, A-60). The rate applicable to this class shall be a fixed price that represents a weighted average of the actual monthly contract prices over the period specified in the Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096, plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

Commercial Group (Rates C-06, G-02, S-06, S-10, S-14). There are two rate options available to customers in the Commercial Group. The Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096 to this tariff sets forth the rate options for each rate class for the specified six month period. One option is referred to as the "Fixed Price Option". The second option is referred to as the "Variable Price Option". The rates for each option are subject to change at the end of the six month period specified in the

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096.

Fixed Price Option: represents a weighted average of the applicable winning bid over six months plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

Variable Price Option: represents the actual monthly price from the applicable winning bid for each month of the same six month period plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

All customers in the Commercial will have the option to switch to a different pricing option once during a twelve month period. After the initial assignment to a pricing option, each customer may choose a different pricing option, however, once the election has been made, the customer must remain on the chosen pricing option for a period of at least twelve (12) months.

Customers may notify the Company at any time to elect a different pricing option, provided that such notification is received at least two business days prior to the Customer's scheduled meter read date that occurs prior to either a January 1 or July 1 Standard Offer rate change. After receiving the notice, the switch will be made by the Company on the scheduled meter read date immediately preceding the next scheduled Standard Offer Service rate change (either January 1 or July 1).

Industrial Group (Rates B-32, G-32, B-62, G-62 and X-01). The rates applicable to this class shall be fixed monthly prices and represent the actual monthly contract prices for each month of the period specified in the Summary of Standard Offer Service Charges, R.I.P.U.C. Tariff No. 2096.

TERMINATION OF STANDARD OFFER SERVICE

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received in accordance with the Company's Terms and Conditions for Non-regulated Power Producers.

There shall be no fee for terminating Standard Offer Service.

BILLING ADJUSTMENT WHEN LEAVING STANDARD OFFER SERVICE

R.I.P.U.C. No. 2145
Sheet 3
Canceling R.I.P.U.C. No. 2043

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

Customers in the Residential Group and customers in the Commercial Group billed under the Fixed Price Option who leave Standard Offer Service to receive Generation Service from a Nonregulated power producer shall be subject to a billing adjustment for the time they were billed under the Standard Offer Service rate during the current pricing period. Specifically, the billing adjustment shall be based on the difference between the Standard Offer Service rate in effect for the current pricing period and the actual monthly contract rates for the same period, multiplied by the Customer's kilowatt-hour usage during the same period. The billing adjustment can be either a charge or a credit.

RATE CHANGES

The rates set forth in this tariff are effective for usage on and after the Effective Date. Any changes will be filed with the Commission and are subject to Commission review and approval.

Effective Date: April 1, 2014

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

AVAILABILITY

Standard Offer Service shall be available to all Customers (including new Customers) who have not elected to take their electric supply from a non-regulated power producer or any Customer who, for any reason, has stopped receiving Generation Service from a non-regulated power producer.

MONTHLY CHARGE

The Charge for Standard Offer Service will be the sum of the applicable Standard Offer Service charges in addition to all appropriate Retail Delivery charges as stated in the applicable tariff. The monthly charge for Standard Offer Service shall also include the costs incurred by the Company to comply with the Renewable Energy Standard, established in R.I.G.L. Section 39-26-1 and the costs to comply with the Commission's Rules Governing Energy Source Disclosure. The charge for Standard Offer Service will include the administrative costs associated with the procurement of Standard Offer Service, including an adjustment for uncollectible accounts as approved by the Commission.

RATE FOR ALL CLASSES

The Supplemental Schedule to this tariff sets forth the rates for each rate class for the specified period. These rates are subject to change at the end of the period specified in the Supplemental Schedule. The Company will file a new Supplemental Schedule for the next pricing period prior to the expiration of the current period.

The rates for each rate class shall be as follows:

Residential Group (Rates A-16, A-60). The rate applicable to this class shall be a fixed price that represents a weighted average of the actual monthly contract prices over the period specified in the Supplemental Schedule, plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

Commercial Group (Rates C-06, G-02, S-06, S-10, S-14). There are two rate options available to customers in the Commercial Group. The Supplemental Schedule to this tariff sets forth the rate options for each rate class for the specified six month period. One option is referred to as the "Fixed Price Option". The second option is referred to as the "Variable Price Option". The rates for each option are subject to change at the end of the six month period specified in the Supplemental Schedule.

Fixed Price Option: represents a weighted average of the applicable winning bid over six months plus an estimate of the costs of any supply not procured through

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

Variable Price Option: represents the actual monthly price from the applicable winning bid for each month of the same six month period plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

All customers in the Commercial will have the option to switch to a different pricing option once during a twelve month period. After the initial assignment to a pricing option, each customer may choose a different pricing option, however, once the election has been made, the customer must remain on the chosen pricing option for a period of at least twelve (12) months.

Customers may notify the Company at any time to elect a different pricing option, provided that such notification is received at least two business days prior to the Customer's scheduled meter read date that occurs prior to either a January 1 or July 1 Standard Offer rate change. After receiving the notice, the switch will be made by the Company on the scheduled meter read date immediately preceding the next scheduled Standard Offer Service rate change (either January 1 or July 1).

Industrial Group (Rates B-32, G-32, B-62, G-62 and X-01). The rates applicable to this class shall be fixed monthly prices and represent the actual monthly contract prices for each month of the period specified in the Supplemental Schedule.

TERMINATION OF STANDARD OFFER SERVICE

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received in accordance with the Company's Terms and Conditions for Non-regulated Power Producers.

There shall be no fee for terminating Standard Offer Service.

BILLING ADJUSTMENT WHEN LEAVING STANDARD OFFER SERVICE

Customers in the Residential Group and customers in the Commercial Group billed under the Fixed Price Option who leave Standard Offer Service to receive Generation Service from a Nonregulated power producer shall be subject to a billing adjustment for the time they were billed under the Standard Offer Service rate during the current pricing period. Specifically, the billing adjustment shall be based on the difference between the Standard Offer Service rate in

R.I.P.U.C. No. 2043
Sheet 3
Canceling R.I.P.U.C. No. 2039

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

effect for the current pricing period and the actual monthly contract rates for the same period, multiplied by the Customer's kilowatt-hour usage during the same period. The billing adjustment can be either a charge or a credit.

RATE CHANGES

The rates set forth in this tariff are effective for usage on and after the Effective Date. Any changes will be filed with the Commission and are subject to Commission review and approval.

Effective Date: April 1, 2011

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

AVAILABILITY

Standard Offer Service shall be available to all Customers (including new Customers) who have not elected to take their electric supply from a non-regulated power producer or any Customer who, for any reason, has stopped receiving Generation Service from a non-regulated power producer.

MONTHLY CHARGE

The Charge for Standard Offer Service will be the sum of the applicable Standard Offer Service charges in addition to all appropriate Retail Delivery charges as stated in the applicable tariff. The monthly charge for Standard Offer Service shall also include the costs incurred by the Company to comply with the Renewable Energy Standard, established in R.I.G.L. Section 39-26-1 and the costs to comply with the Commission's Rules Governing Energy Source Disclosure. The charge for Standard Offer Service will include the administrative costs associated with the procurement of Standard Offer Service, including an adjustment for uncollectible accounts as approved by the Commission.

RATE FOR ALL CLASSES

The Supplemental Schedule to this tariff sets forth the rates for each rate class for the specified period. These rates are subject to change at the end of the period specified in the Supplemental Schedule. The Company will file a new Supplemental Schedule for the next pricing period prior to the expiration of the current period.

The rates for each rate class shall be as follows:

Small Customer (Rates A-16, A-60, C-06, S-10 and S-14). The rate applicable to this class shall be a fixed price that represents a weighted average of the actual monthly contract prices over the period specified in the Supplemental Schedule, plus an estimate of the costs of any supply not procured through full requirements services contracts including, but not limited to, spot market purchases from the Independent System Operator – New England.

Large Commercial & Industrial (Rates G-02, B-32, G-32, B-62, G-62 and X-01). The rates applicable to this class shall be fixed monthly prices and represent the actual monthly contract prices for each month of the period specified in the Supplemental Schedule.

TERMINATION OF STANDARD OFFER SERVICE

Standard Offer Service may be terminated by a Customer upon the next scheduled meter

**NARRAGANSETT ELECTRIC COMPANY
TARIFF FOR STANDARD OFFER SERVICE**

read provided that notice of the change of supplier was received in accordance with the Company's Terms and Conditions for Nonregulated Power Producers.

There shall be no fee for terminating Standard Offer Service.

BILLING ADJUSTMENT WHEN LEAVING STANDARD OFFER SERVICE

Small Customers who leave Standard Offer Service to receive Generation Service from a non-regulated power producer shall be subject to a billing adjustment for the time they were billed under the Standard Offer Service rate during the current pricing period. Specifically, the billing adjustment shall be based on the difference between the Standard Offer Service rate in effect for the current pricing period and the actual monthly contract rates for the same period, multiplied by the Customer's kilowatt-hour usage during the same period. The billing adjustment can be either a charge or a credit.

RATE CHANGES

The rates set forth in this tariff are effective for usage on and after the Effective Date. Any changes will be filed with the Commission and are subject to Commission review and approval.

Effective Date: March 1, 2010

NARRAGANSETT ELECTRIC COMPANY

TARIFF FOR STANDARD OFFER SERVICE

AVAILABILITY

Standard Offer Service shall be available to all Customers (including new Customers) who have not elected to take their electric supply from a non-regulated power producer or any Customer who, for any reason, has stopped receiving Generation Service from a non-regulated power producer.

MONTHLY CHARGE

The Charge for Standard Offer Service will be the sum of the applicable Standard Offer Service charges in addition to all appropriate Retail Delivery charges as stated in the applicable tariff. The monthly charge for Standard Offer Service shall also include the costs incurred by the Company to comply with the Renewable Energy Standard, established in R.I.G.L. Section 39-26-1 and the costs to comply with the Commission's Rules Governing Energy Source Disclosure.

RATE FOR ALL CLASSES

The Supplemental Schedule to this tariff sets forth the rates for each rate class for the specified period. These rates are subject to change at the end of the period specified in the Supplemental Schedule. The Company will file a new Supplemental Schedule for the next pricing period prior to the expiration of the current period.

The rates for each rate class shall be as follows:

Small Customer (Rates A-16, A-60, C-06, S-10 and S-14). The rates applicable to this class shall be a fixed price that represents a weighted average of the actual monthly contract prices over the period specified in the Supplemental Schedule.

Large Commercial & Industrial (Rates G-02, B-32, G-32, B-62, G-62 and X-01). The rates applicable to this class shall be a fixed monthly price that changes each month and represents the actual monthly contract prices for each month of the period specified in the Supplemental Schedule.

TERMINATION OF STANDARD OFFER SERVICE

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received in accordance with the Company's Terms and Conditions for Nonregulated Power Producers.

There shall be no fee for terminating Standard Offer Service.

BILLING ADJUSTMENT WHEN LEAVING STANDARD OFFER SERVICE

Small Customers who leave Standard Offer Service to receive Generation Service from a non-regulated power producer shall be subject to a billing adjustment for the time they were billed under the Standard Offer Service rate during the current pricing period. Specifically, the billing adjustment shall be based on the difference between the Standard Offer Service rate in effect for the current pricing period and the actual monthly contract rates for the same period, multiplied by the Customer's kilowatt-hour usage during the same period. The billing adjustment can be either a charge or a credit.

RATE CHANGES

The rates set forth in this tariff are effective for usage on and after the Effective Date. Any changes will be filed with the Commission and are subject to Commission review and approval.

Effective Date: January 1, 2010

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-7

Request:

By rate class and by month for the past five years, please provide the total number of customers switched to competitive supply, number of customers returned to standard offer from competitive supply and amount billed units and dollars under standard offer billing adjustment. Include totals where appropriate.

Response:

Please see Attachment DIV 1-7 for the requested information. Please also note that the amounts in Column (f), Charge/Credit Amount, after July 1, 2015, have not been billed directly to customers. As per Order No. 22444 in RIPUC Docket No. 4556, the Company no longer bills the Standard Offer Billing Adjustment to individual customers directly. Instead, the net charges or credits per rate group (Residential or Commercial) are applied as a Revenue Adjustment to each calendar year's Standard Offer Base Reconciliation, and are then credited or charged to all customers, historically via an adjustment to the Company's annual Revenue Decoupling Mechanism Reconciliation (RDM).

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
Mar-2018	A16	2,861	1,595	1,603,265	\$25,580.45
Mar-2018	A60	464	337	237,069	\$2,858.04
Mar-2018	C06	85	94	80,957	\$1,194.94
Mar-2018	G02	23	32	-	\$0.00
Mar-2018	G32	4	7	-	\$0.00
Mar-2018	S10	2	1	-	\$0.00
Feb-2018	A16	2,242	1,351	1,265,485	\$29,841.63
Feb-2018	A60	300	325	142,611	\$2,215.48
Feb-2018	C06	115	84	109,325	\$2,107.25
Feb-2018	G02	32	9	13,635	(\$128.43)
Feb-2018	G32	7	3	-	\$0.00
Feb-2018	S10	5	4	-	\$0.00
Jan-2018	A16	908	1,518	607,592	(\$10,136.39)
Jan-2018	A60	178	265	112,967	(\$1,898.15)
Jan-2018	C06	113	97	178,122	(\$2,327.13)
Jan-2018	G02	29	44	53,071	(\$1,063.94)
Jan-2018	G32	7	10	-	\$0.00
Jan-2018	G62	1	-	-	\$0.00
Jan-2018	S10	2	3	-	\$0.00
Dec-2017	A16	1,356	3,694	673,330	(\$21,432.96)
Dec-2017	A60	222	555	115,449	(\$3,610.57)
Dec-2017	C06	135	189	182,722	(\$6,336.32)
Dec-2017	G02	47	59	-	\$0.00
Dec-2017	G32	3	12	-	\$0.00
Dec-2017	S10	8	5	-	\$0.00
Dec-2017	S14	-	2	-	\$0.00
Dec-2017	S5	1	1	-	\$0.00
Nov-2017	A16	1,907	1,713	850,336	(\$24,083.28)
Nov-2017	A60	317	368	138,599	(\$3,684.16)
Nov-2017	C06	113	157	164,678	(\$4,796.91)
Nov-2017	C08	8	-	1,600	(\$60.88)
Nov-2017	G02	42	68	124,647	(\$3,653.87)
Nov-2017	G32	3	9	-	\$0.00
Nov-2017	S10	7	8	-	\$0.00
Nov-2017	S14	-	1	-	\$0.00
Nov-2017	S5	-	1	-	\$0.00
Oct-2017	A16	2,000	1,552	1,064,661	(\$11,384.24)
Oct-2017	A60	315	395	153,390	(\$1,395.48)
Oct-2017	C06	141	381	237,506	(\$2,921.08)
Oct-2017	C08	-	1	-	\$0.00
Oct-2017	G02	40	37	28,000	(\$413.34)
Oct-2017	G32	2	6	-	\$0.00
Oct-2017	S10	8	1	-	\$0.00
Oct-2017	S14	-	3	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
Sep-2017	A16	1,670	2,092	997,045	(\$201.75)
Sep-2017	A60	235	574	122,424	(\$98.70)
Sep-2017	C06	168	94	208,745	\$1,333.22
Sep-2017	G02	43	28	36,640	(\$67.75)
Sep-2017	G32	9	5	-	\$0.00
Sep-2017	S10	12	3	-	\$0.00
Aug-2017	A16	1,216	2,199	780,876	(\$3,040.77)
Aug-2017	A60	278	593	157,861	(\$768.93)
Aug-2017	C06	65	108	100,783	(\$326.34)
Aug-2017	G02	22	24	18,160	(\$113.30)
Aug-2017	G32	6	3	-	\$0.00
Aug-2017	S10	2	4	-	\$0.00
Aug-2017	S5	-	5	-	\$0.00
Jul-2017	A16	1,146	2,310	736,648	(\$5,890.14)
Jul-2017	A60	315	690	197,586	(\$1,317.28)
Jul-2017	C06	24	155	30,555	(\$325.21)
Jul-2017	G02	8	28	18,120	(\$260.83)
Jul-2017	G32	-	4	-	\$0.00
Jul-2017	S10	1	25	-	\$0.00
Jul-2017	S14	-	5	-	\$0.00
Jul-2017	S5	15	1	-	\$0.00
Jun-2017	A16	1,605	1,975	685,470	(\$11,931.63)
Jun-2017	A60	348	562	156,288	(\$2,736.36)
Jun-2017	C06	73	168	81,235	(\$2,016.56)
Jun-2017	G02	23	40	-	\$0.00
Jun-2017	G32	3	2	-	\$0.00
Jun-2017	M1A	1	1	-	\$0.00
Jun-2017	S10	-	5	-	\$0.00
Jun-2017	S14	-	1	-	\$0.00
May-2017	A16	1,486	1,771	623,696	(\$9,620.01)
May-2017	A60	427	630	166,160	(\$2,499.15)
May-2017	C06	225	140	92,477	(\$1,649.90)
May-2017	G02	17	41	50,765	(\$1,132.27)
May-2017	G32	1	5	-	\$0.00
May-2017	S10	3	2	-	\$0.00
May-2017	S14	-	4	-	\$0.00
May-2017	S5	8	2	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
Apr-2017	A16	2,418	1,634	1,147,588	(\$4,534.06)
Apr-2017	A60	532	515	274,674	(\$998.73)
Apr-2017	C06	75	125	87,028	(\$434.27)
Apr-2017	G02	30	23	-	\$0.00
Apr-2017	G32	1	3	-	\$0.00
Apr-2017	S10	3	8	-	\$0.00
Apr-2017	S14	-	2	-	\$0.00
Apr-2017	S5	21	-	-	\$0.00
Mar-2017	A16	2,621	1,633	1,251,806	\$5,407.11
Mar-2017	A60	665	523	368,274	\$2,331.25
Mar-2017	C06	90	90	119,066	\$806.58
Mar-2017	G02	45	30	41,560	\$648.25
Mar-2017	G32	2	2	-	\$0.00
Mar-2017	S10	5	3	-	\$0.00
Mar-2017	S14	-	1	-	\$0.00
Mar-2017	S5	-	1	-	\$0.00
Feb-2017	A16	1,640	1,611	850,413	\$1,329.11
Feb-2017	A60	393	565	210,101	\$600.36
Feb-2017	C06	56	109	73,078	\$706.03
Feb-2017	G02	32	44	143,200	\$2,465.10
Feb-2017	G32	3	5	-	\$0.00
Feb-2017	S10	1	4	-	\$0.00
Jan-2017	A16	1,716	1,307	930,785	(\$12,890.61)
Jan-2017	A60	436	405	251,580	(\$3,634.07)
Jan-2017	C06	208	97	249,105	(\$4,027.04)
Jan-2017	G02	38	43	-	\$0.00
Jan-2017	G32	-	4	-	\$0.00
Jan-2017	S10	10	5	-	\$0.00
Dec-2016	A16	2,334	1,592	1,195,686	(\$32,965.33)
Dec-2016	A60	597	416	336,223	(\$9,184.56)
Dec-2016	B32	-	1	-	\$0.00
Dec-2016	C06	168	176	191,659	(\$7,054.57)
Dec-2016	C08	3	-	59	(\$2.52)
Dec-2016	G02	45	67	900	(\$186.15)
Dec-2016	G32	7	9	-	\$0.00
Dec-2016	S10	3	23	-	\$0.00
Dec-2016	S14	4	3	-	\$0.00
Nov-2016	A16	2,491	1,853	1,129,493	(\$32,776.65)
Nov-2016	A60	552	525	235,200	(\$6,635.74)
Nov-2016	C06	134	88	134,700	(\$4,591.49)
Nov-2016	G02	30	29	50,208	(\$1,636.26)
Nov-2016	G32	3	2	-	\$0.00
Nov-2016	S10	5	8	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
Oct-2016	A16	2,322	1,620	1,103,057	(\$12,293.79)
Oct-2016	A60	530	548	250,021	(\$2,640.06)
Oct-2016	C06	161	79	211,756	(\$2,682.74)
Oct-2016	G02	30	24	-	\$0.00
Oct-2016	G32	2	3	-	\$0.00
Oct-2016	S10	5	3	-	\$0.00
Oct-2016	S14	-	8	-	\$0.00
Oct-2016	S5	12	-	-	\$0.00
Sep-2016	A16	1,847	1,459	1,222,930	(\$26,844.97)
Sep-2016	A60	411	495	248,104	(\$2,444.05)
Sep-2016	C06	173	101	226,028	(\$9,125.23)
Sep-2016	C08	-	3	-	\$0.00
Sep-2016	G02	26	30	10,012	(\$580.48)
Sep-2016	G32	8	5	-	\$0.00
Sep-2016	S10	3	2	-	\$0.00
Sep-2016	S14	1	6	-	\$0.00
Sep-2016	S5	3	-	-	\$0.00
Aug-2016	A16	2,806	1,235	2,211,206	\$11,352.58
Aug-2016	A60	647	370	462,420	\$5,016.78
Aug-2016	C06	251	49	365,519	(\$9,581.94)
Aug-2016	G02	33	17	15,231	(\$275.09)
Aug-2016	G32	4	4	-	\$0.00
Aug-2016	S10	5	4	-	\$0.00
Aug-2016	S14	-	4	-	\$0.00
Aug-2016	S5	28	-	-	\$0.00
Jul-2016	A16	2,424	1,009	1,507,608	\$55,239.17
Jul-2016	A60	598	244	351,035	\$14,391.05
Jul-2016	C06	209	58	309,096	(\$3,420.94)
Jul-2016	G02	24	19	78,153	(\$1,014.06)
Jul-2016	G32	4	1	-	\$0.00
Jul-2016	S10	5	-	-	\$0.00
Jun-2016	A16	3,403	1,100	1,563,626	\$121,142.81
Jun-2016	A60	1,061	266	454,914	\$37,576.77
Jun-2016	C06	122	67	105,085	\$8,551.86
Jun-2016	C08	-	1	-	\$0.00
Jun-2016	G02	36	17	-	\$0.00
Jun-2016	G32	4	3	-	\$0.00
Jun-2016	S10	10	3	-	\$0.00
Jun-2016	S14	-	1	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
May-2016	A16	2,751	1,033	1,085,735	\$133,560.24
May-2016	A60	763	234	324,066	\$39,798.18
May-2016	C06	146	34	220,405	\$23,461.97
May-2016	G02	110	13	34,594	\$4,312.23
May-2016	G32	3	3	-	\$0.00
May-2016	G62	1	-	-	\$0.00
May-2016	S10	5	10	-	\$0.00
May-2016	S14	-	5	-	\$0.00
May-2016	S5	53	-	-	\$0.00
Apr-2016	A16	2,068	985	1,230,219	\$150,924.90
Apr-2016	A60	441	271	215,532	\$27,733.16
Apr-2016	C06	308	64	296,436	\$35,640.08
Apr-2016	G02	70	11	38,189	\$3,817.24
Apr-2016	G32	9	3	-	\$0.00
Apr-2016	S10	5	2	-	\$0.00
Apr-2016	S14	1	-	-	\$0.00
Mar-2016	A16	1,756	1,012	997,183	\$125,646.88
Mar-2016	A60	323	316	167,006	\$19,890.88
Mar-2016	C06	296	90	205,085	\$23,139.64
Mar-2016	C08	1	-	172	\$20.47
Mar-2016	G02	58	46	148,048	\$11,837.44
Mar-2016	G32	2	12	-	\$0.00
Mar-2016	S10	19	-	-	\$0.00
Mar-2016	S14	-	1	-	\$0.00
Feb-2016	A16	1,693	1,014	962,204	\$85,605.53
Feb-2016	A60	399	300	202,601	\$17,002.29
Feb-2016	C06	65	98	81,570	\$6,838.27
Feb-2016	G02	32	34	71,947	\$6,376.36
Feb-2016	G32	1	1	-	\$0.00
Feb-2016	S10	4	1	-	\$0.00
Jan-2016	A16	1,169	992	715,793	\$19,442.38
Jan-2016	A60	312	290	184,709	\$4,292.08
Jan-2016	C06	134	82	207,263	\$5,892.09
Jan-2016	G02	72	37	41,482	\$426.40
Jan-2016	G32	5	4	-	\$0.00
Jan-2016	S10	7	4	-	\$0.00
Jan-2016	S14	-	2	-	\$0.00
Dec-2015	A16	1,548	1,085	933,223	(\$40,991.61)
Dec-2015	A60	423	375	236,854	(\$12,484.83)
Dec-2015	C06	217	163	462,302	(\$8,662.45)
Dec-2015	G02	198	31	61,048	(\$633.46)
Dec-2015	G32	37	2	-	\$0.00
Dec-2015	S10	14	2	137	\$0.28
Dec-2015	S14	13	-	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
Nov-2015	A16	1,435	1,185	667,128	(\$52,417.97)
Nov-2015	A60	344	511	160,060	(\$5,849.31)
Nov-2015	C06	198	115	364,768	(\$20,922.72)
Nov-2015	C08	1	-	4,702	(\$226.11)
Nov-2015	G02	83	30	86,911	(\$6,241.37)
Nov-2015	G32	6	2	-	\$0.00
Nov-2015	S10	11	3	-	\$0.00
Oct-2015	A16	2,705	1,010	1,340,164	(\$61,114.39)
Oct-2015	A60	589	415	261,488	(\$9,452.20)
Oct-2015	C06	146	70	108,699	(\$5,914.59)
Oct-2015	C08	3	-	630	(\$10.11)
Oct-2015	G02	44	30	32,962	(\$1,882.79)
Oct-2015	G32	14	1	-	\$0.00
Oct-2015	S10	2	3	-	\$0.00
Sep-2015	A16	2,465	877	1,734,435	(\$11,944.39)
Sep-2015	A60	618	298	420,312	\$3,079.39
Sep-2015	C06	99	51	187,771	(\$4,615.22)
Sep-2015	G02	44	25	73,565	(\$1,612.15)
Sep-2015	G32	7	1	-	\$0.00
Sep-2015	S10	6	3	-	\$0.00
Aug-2015	A16	2,951	747	2,208,728	\$66,743.66
Aug-2015	A60	761	275	546,330	\$21,309.97
Aug-2015	C06	119	70	264,517	(\$3,237.38)
Aug-2015	G02	34	36	-	\$0.00
Aug-2015	G32	7	1	-	\$0.00
Aug-2015	S10	5	2	-	\$0.00
Jul-2015	A16	1,766	1,011	1,045,703	\$63,021.07
Jul-2015	A60	591	535	362,515	\$28,594.87
Jul-2015	C06	122	102	198,406	(\$741.07)
Jul-2015	C08	-	1	-	\$0.00
Jul-2015	G02	47	21	94,716	(\$306.56)
Jul-2015	G32	11	2	-	\$0.00
Jul-2015	S10	7	4	-	\$0.00
Jul-2015	S14	1	1	-	\$0.00
Jun-2015	A16	849	770	421,850	\$53,007.39
Jun-2015	A60	236	380	110,546	\$15,415.03
Jun-2015	C06	126	58	229,961	\$4,040.10
Jun-2015	G02	65	17	31,123	\$315.53
Jun-2015	G32	16	-	-	\$0.00
Jun-2015	S10	12	4	116	\$6.05
Jun-2015	S14	-	2	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
May-2015	A16	1,455	512	741,650	\$141,289.65
May-2015	A60	339	213	167,529	\$32,021.17
May-2015	C06	272	31	330,278	\$22,265.48
May-2015	G02	84	7	75,426	\$1,711.73
May-2015	G32	8	3	-	\$0.00
May-2015	S10	4	3	-	\$0.00
Apr-2015	A16	2,796	592	1,844,648	\$330,003.75
Apr-2015	A60	717	169	446,398	\$77,375.87
Apr-2015	C06	354	75	396,065	\$42,605.21
Apr-2015	C08	77	-	37,080	\$3,115.84
Apr-2015	G02	156	26	67,478	\$2,456.26
Apr-2015	G32	39	2	-	\$0.00
Apr-2015	S10	15	2	-	\$0.00
Apr-2015	S14	12	-	-	\$0.00
Mar-2015	A16	3,728	459	2,961,273	\$502,353.67
Mar-2015	A60	729	125	493,186	\$83,803.10
Mar-2015	C06	316	64	507,686	\$64,619.94
Mar-2015	C08	2	-	75	\$4.36
Mar-2015	G02	110	24	12,560	\$1,473.01
Mar-2015	G32	24	23	-	\$0.00
Mar-2015	S10	9	1	-	\$0.00
Feb-2015	A16	1,137	383	906,010	\$118,032.75
Feb-2015	A60	162	90	135,176	\$18,333.57
Feb-2015	C06	232	50	347,943	\$31,572.60
Feb-2015	G02	93	11	74,095	\$6,341.14
Feb-2015	G32	22	1	-	\$0.00
Feb-2015	S10	5	-	-	\$0.00
Feb-2015	S14	1	1	-	\$0.00
Jan-2015	A16	880	478	777,310	\$35,472.34
Jan-2015	A60	104	120	78,869	\$3,665.29
Jan-2015	C06	818	57	1,343,589	\$38,928.33
Jan-2015	G02	220	22	121,657	\$3,852.88
Jan-2015	G32	65	1	-	\$0.00
Jan-2015	G62	1	-	-	\$0.00
Jan-2015	S10	16	3	-	\$0.00
Jan-2015	S14	5	-	-	\$0.00
Dec-2014	A16	626	695	424,980	(\$2,063.04)
Dec-2014	A60	117	218	70,815	(\$468.25)
Dec-2014	C06	633	678	693,230	(\$2,191.57)
Dec-2014	C08	10	-	7,353	\$30.88
Dec-2014	G02	239	61	175,155	(\$1,363.53)
Dec-2014	G32	42	13	-	\$0.00
Dec-2014	S10	18	6	-	\$0.00
Dec-2014	S14	4	-	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
Nov-2014	A16	259	548	143,715	(\$4,498.96)
Nov-2014	A60	100	140	48,853	(\$1,372.75)
Nov-2014	C06	67	100	98,732	(\$4,851.16)
Nov-2014	C08	1	-	-	\$0.00
Nov-2014	G02	51	74	98,223	(\$4,360.11)
Nov-2014	G32	14	7	-	\$0.00
Nov-2014	S10	13	2	-	\$0.00
Nov-2014	S14	-	1	-	\$0.00
Oct-2014	A16	276	752	142,089	(\$4,201.76)
Oct-2014	A60	98	190	43,372	(\$1,318.77)
Oct-2014	C06	55	80	130,087	(\$5,225.71)
Oct-2014	G02	51	43	17,374	(\$731.61)
Oct-2014	G32	8	19	-	\$0.00
Oct-2014	S10	4	3	-	\$0.00
Sep-2014	A16	239	1,088	134,276	(\$2,031.95)
Sep-2014	A60	74	184	40,191	(\$590.93)
Sep-2014	B32	1	-	-	\$0.00
Sep-2014	C06	53	68	107,929	(\$2,021.66)
Sep-2014	G02	28	25	-	\$0.00
Sep-2014	G32	5	1	-	\$0.00
Sep-2014	S10	5	1	-	\$0.00
Aug-2014	A16	350	726	238,919	(\$1,471.79)
Aug-2014	A60	135	162	77,268	(\$447.12)
Aug-2014	B62	-	1	-	\$0.00
Aug-2014	C06	1,946	50	1,009,625	(\$5,909.89)
Aug-2014	C08	59	-	28,112	(\$265.26)
Aug-2014	G02	32	23	11,764	(\$44.31)
Aug-2014	G32	6	2	-	\$0.00
Aug-2014	S10	3	6	-	\$0.00
Jul-2014	A16	392	480	279,617	(\$507.04)
Jul-2014	A60	137	119	83,182	(\$129.86)
Jul-2014	C06	418	36	264,049	(\$462.76)
Jul-2014	G02	56	16	101,040	(\$142.45)
Jul-2014	G32	9	5	-	\$0.00
Jul-2014	S10	2	1	-	\$0.00
Jun-2014	A16	644	819	320,115	\$3,574.85
Jun-2014	A60	161	143	60,232	\$545.39
Jun-2014	C06	174	80	209,842	\$910.38
Jun-2014	G02	37	26	463	(\$5.87)
Jun-2014	G32	15	4	-	\$0.00
Jun-2014	S10	2	1	-	\$0.00
Jun-2014	S14	1	3	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
May-2014	A16	1,269	380	701,408	\$17,932.39
May-2014	A60	305	113	160,649	\$4,546.82
May-2014	C06	124	36	195,614	\$5,348.01
May-2014	G02	37	22	1,195	\$40.71
May-2014	G32	12	1	-	\$0.00
May-2014	S10	2	1	-	\$0.00
Apr-2014	A16	2,461	428	1,669,591	\$67,834.41
Apr-2014	A60	404	87	242,871	\$9,941.18
Apr-2014	C06	259	57	418,515	\$21,554.09
Apr-2014	G02	92	25	6,103	\$152.43
Apr-2014	G32	10	2	-	\$0.00
Apr-2014	S10	11	3	-	\$0.00
Apr-2014	S14	4	-	-	\$0.00
Mar-2014	A16	6,247	371	4,652,070	\$202,998.23
Mar-2014	A60	914	76	627,739	\$27,121.16
Mar-2014	C06	299	54	442,994	\$27,928.84
Mar-2014	G02	73	25	13,539	\$852.57
Mar-2014	G32	12	3	-	\$0.00
Mar-2014	S10	14	2	-	\$0.00
Mar-2014	S14	1	-	-	\$0.00
Feb-2014	A16	4,590	256	3,673,092	\$139,518.14
Feb-2014	A60	596	51	403,875	\$15,286.30
Feb-2014	C06	168	34	359,683	\$17,995.71
Feb-2014	G02	80	22	607	\$45.47
Feb-2014	G32	6	-	-	\$0.00
Feb-2014	S10	8	10	-	\$0.00
Feb-2014	S14	4	-	-	\$0.00
Jan-2014	A16	1,637	131	1,492,630	\$24,743.90
Jan-2014	A60	189	22	191,139	\$2,862.71
Jan-2014	C06	191	23	249,254	\$4,591.22
Jan-2014	G02	36	19	13,360	\$408.15
Jan-2014	G32	4	3	-	\$0.00
Jan-2014	M1A	1	-	-	\$0.00
Jan-2014	S10	9	1	-	\$0.00
Dec-2013	A16	1,029	97	756,539	(\$2,719.24)
Dec-2013	A60	217	18	151,247	(\$442.22)
Dec-2013	B62	1	-	-	\$0.00
Dec-2013	C06	223	18	326,757	(\$2,171.99)
Dec-2013	G02	55	6	-	\$0.00
Dec-2013	G32	5	6	-	\$0.00
Dec-2013	S10	17	-	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
Nov-2013	A16	480	165	281,832	(\$2,651.52)
Nov-2013	A60	114	75	60,951	(\$559.73)
Nov-2013	C06	118	93	109,185	(\$1,990.03)
Nov-2013	C08	-	1	-	\$0.00
Nov-2013	G02	29	39	9,799	(\$179.45)
Nov-2013	G32	7	6	-	\$0.00
Nov-2013	S10	3	3	-	\$0.00
Nov-2013	S14	-	7	-	\$0.00
Oct-2013	A16	270	102	161,016	(\$1,343.13)
Oct-2013	A60	61	32	24,355	(\$201.99)
Oct-2013	C06	89	22	134,861	(\$1,973.32)
Oct-2013	G02	27	19	41,040	(\$535.04)
Oct-2013	G32	3	7	-	\$0.00
Oct-2013	S10	1	1	277	\$0.00
Sep-2013	A16	298	154	266,617	(\$929.33)
Sep-2013	A60	43	47	30,827	(\$121.49)
Sep-2013	C06	150	19	155,229	(\$882.93)
Sep-2013	G02	27	3	-	\$0.00
Sep-2013	G32	2	-	-	\$0.00
Sep-2013	S10	2	-	-	\$0.00
Aug-2013	A16	295	164	277,982	(\$339.80)
Aug-2013	A60	42	51	34,415	(\$37.13)
Aug-2013	C06	76	11	155,579	(\$93.62)
Aug-2013	G02	29	1	-	\$0.00
Aug-2013	G32	13	-	-	\$0.00
Aug-2013	S10	6	-	-	\$0.00
Jul-2013	A16	79	68	104,289	(\$30.11)
Jul-2013	A60	13	21	11,929	(\$3.19)
Jul-2013	C06	17	11	21,441	\$4.27
Jul-2013	G02	12	8	-	\$0.00
Jul-2013	G32	1	-	-	\$0.00
Jul-2013	S10	-	1	-	\$0.00
Jun-2013	A16	12	106	8,097	\$143.77
Jun-2013	A60	1	25	-	\$0.00
Jun-2013	C06	26	22	37,267	\$221.82
Jun-2013	G02	6	4	16,272	(\$482.27)
Jun-2013	G32	6	1	-	\$0.00
Jun-2013	S10	5	1	-	\$0.00
Jun-2013	S14	2	-	-	\$0.00
May-2013	A16	148	141	91,628	\$1,654.35
May-2013	A60	2	29	862	\$13.90
May-2013	C06	67	7	57,434	\$1,454.29
May-2013	G02	17	2	-	\$0.00
May-2013	G32	1	2	-	\$0.00
May-2013	S10	3	-	-	\$0.00

Period (a)	Rate Class (b)	Enroll Count (c)	Return to Service (d)	Consumption when Billing Adj. Charge Assessed (e)	Charge/Credit Amount (f)
Apr-2013	A16	397	24	34,103	\$4,949.38
Apr-2013	A60	36	9	2,979	\$593.96
Apr-2013	C06	101	2	7,673	\$2,418.25
Apr-2013	G02	58	-	-	\$166.29
Apr-2013	G32	9	2	-	\$0.00
Apr-2013	S10	14	-	-	\$0.00
Mar-2013	A16	64	-	-	\$1,172.36
Mar-2013	A60	10	-	-	\$147.70
Mar-2013	C06	19	-	-	\$1,652.02
Mar-2013	G02	6	-	-	\$1,508.87
Mar-2013	G32	5	-	-	\$0.00
Mar-2013	S10	2	-	-	\$0.00
Totals					\$2,858,645.25

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-8

Request:

Referring to page 43, lines 1-6 of Witness Stephen A. McCauley, what is the minimum sales and transaction volume to establish a fair price of RECs sales in a single quarter before resorting to the procedure established in Docket No. 4338?

Response:

At this time, the Company does not have a required minimum REC transactions volume in a single quarter to establish a transfer price. The Company has not sold significant quantities in prior years and expects to sell excess RECs from the Long-Term Renewable Contracts and the RE Growth Program in 2019.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-9

Request:

Please provide a description of the bid window, the means of delivery by suppliers of bid prices, and other particulars of the bid day event the Company administers. What is the Company's typical turnaround time once bids are received before it makes its award decision?

Response:

Section 3.2 of Schedule 5, SOS RFP Notice (Template), describes the proposal process and submission dates.

Bid prices are due by 10:00 a.m. on a bid day. Bid prices most often are provided by email but suppliers do have the option to submit by fax or mail. Winning bid prices are the lowest for a particular bid block. The Company notifies winning suppliers by 1:00 p.m. of the same day.

Division 1-10

Request:

Has the Company studied whether a reverse auction procurement method could be applied and secure lower overall prices for the various tranches of SOS service?

- a. If so, please provide documentation of what has been considered and the reasons for or against utilization of such a tool.
- b. If not, please explain why not.

Response:

The Company has considered, and continues to consider, the use of reverse auction procurement methods. Please see Attachment DIV-1-10, which is Massachusetts Electric Company and Nantucket Electric Company d/b/a National Grid (National Grid) reply comments in response to the Massachusetts Department of Public Utilities' (the Department) Request for Reply Comments in the Investigation by the Department on its own Motion into the Provision of Basic Service, D.P.U. 15-40.

In 2018, the Company has twice attended presentations from a vendor that provides a platform that implements reverse auctions. In 2016 and 2017 the National Grid department that provides Electric Supply Service to upstate New York, which is equivalent to Standard Offer Service, also attended presentations from two vendors that provide reverse auction platforms. To date, while the presentations claim to result in lower costs, they did not provide any proof or evidence. If their claims are inaccurate, it is our Rhode Island customers that will bear the cost.

The Company will continue to consider and review reverse auctions. The Company's concerns are detailed in Attachment DIV-1-10. Specifically, the Company believes that a reverse auction may identify the lowest cost supplier, but it may not provide the lowest cost option compared to a Request for Proposal.



Camal O. Robinson
Counsel

September 11, 2015

VIA HAND DELIVERY AND ELECTRONIC MAIL

Mark D. Marini, Secretary
Department of Public Utilities
One South Station, 5th Floor
Boston, MA 02110

Re: Massachusetts Electric Company and Nantucket Electric Company d/b/a National Grid; D.P.U. 15-40

Dear Secretary Marini:

On behalf of Massachusetts Electric Company and Nantucket Electric Company d/b/a National Grid (the "Company"), I am enclosing the Company's Reply Comments in the above-captioned docket.

Thank you very much for your time and attention to this filing.

Very truly yours,

A handwritten signature in black ink, appearing to read "Camal O. Robinson".

Camal O. Robinson

Enclosures

cc: Elizabeth Lydon, Department of Public Utilities
D.P.U. 15-40 Service List

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC UTILITIES

**Investigation by the Department of Public
Utilities On its own Motion into the
Provision of Basic Service**)
)
) **D.P.U. 15-40**
)
)

REPLY COMMENTS OF NATIONAL GRID

I. Introduction

Massachusetts Electric Company and Nantucket Electric Company, each d/b/a National Grid (collectively, “National Grid” or the “Company”) respectfully submit these reply comments in response to the Department of Public Utilities’ (the “Department”) August 25, 2015 Request for Reply Comments pertaining to the specific proposals raised in the comments and responses from interested stakeholders as part of the Department’s investigation into the provision of Basic Service. Investigation by the Department on its own Motion into the Provision of Basic Service, D.P.U. 15-40 (2015) (“D.P.U. 15-40”).

National Grid appreciates the opportunity to provide these reply comments in this proceeding as follows:

II. Proposals Raised by Stakeholders

A. Auctions

The Department seeks comment on Charles River Associates (“CRA”) suggestion that the Department consider adopting an auction to solicit Basic Service supply, rather than the current model based on responses to Requests for Proposals (“RFP”). Specifically, the Department seeks input on the ability of an auction to reduce Basic Service prices compared with procurement through RFPs.

National Grid respectfully disagrees with CRA that the adoption of an auction would result in reduced Basic Service prices when compared with RFPs. In its initial comments, CRA describes the auction process it conducts on behalf of its clients in other states and asserts that auctions are better than RFPs. CRA states that RFPs involve a high degree of guesswork for suppliers that may produce suboptimal results, resulting in lower participation over the long-term: “[g]uessing – either guessing which products are going to be most attractive or guessing the prices others might submit - may lead to sub-optimal results.” According to CRA, a formal auction would minimize the guesswork and provide a better framework than RFPs to identify the lowest cost suppliers.

Although a formal auction may identify the lowest cost supplier, an auction may not necessarily produce the lowest cost option compared to the RFP method as CRA contends. National Grid acknowledges that suppliers in an RFP must engage in guesswork in developing their bids because they do not know the identity, the number, or the strength of their competitors. It is precisely because suppliers lack detailed information about their competition and are required to base their bids on guesswork which should result in lower prices. The combination of lack of information regarding their competition and the opportunity to only bid once ensures that suppliers in an RFP will provide their best (lowest) bids. On the other hand, in an auction involving a limited number of bidders, a supplier may win a bid block without submitting its most competitive price. For example, in an RFP, a supplier must submit its best price once (e.g., \$50 per megawatt-hour) to win a bid block. In contrast, in an auction, this particular bid block may not have attracted many bidders, and the supplier may win at \$52 per megawatt-hour, simply because other bidders decided to no longer participate after several rounds have occurred.

CRA presented no evidence in support of its position that the RFP process results in lower participation over time. To the contrary, National Grid's most recent RFP demonstrates that RFP participation remains relatively robust for the residential and small C&I customers and preliminary indications are that bidder participation may be improving for medium and large C&I customers. Additionally, an auction process is likely to increase the costs to administer Basic Service. The company conducting the auction requires a fee while the electric distribution companies will incur the same costs to provide Basic Service once the auction process is complete.

In summary, the Company does not believe that any potential benefits of adopting an auction model is justified by the associated costs and potential consequences. For these reasons, the Company recommends that the Department maintain the current RFP model.

B. Changing National Grid's Pricing Term

The Department seeks comment on the Office of the Attorney General's ("AGO") proposal to modify National Grid's pricing term and procurement schedule to match Eversource Energy's ("Eversource") term and schedule. Specifically, the Department seeks input on the impact of this proposal on: (1) price volatility for National Grid's Basic Service customers; and (2) potential bidder responses to National Grid and Eversource's Basic Service RFPs.

National Grid does not object to the AGO's proposed pricing term and procurement schedule and thinks it is feasible to implement this new schedule after a reasonable transition period. The Company's current Basic Service pricing term (beginning in November) typically results in higher winter rates than Eversource's because National Grid's winter rate includes the three highest-priced months: December, January, and February. In addition, because the highest-priced months are concentrated in winter rates, the Company's summer rates are typically lower

than Eversource's summer rates, which include December. Therefore, National Grid's customers tend to experience more rate volatility than Eversource's customers as they shift from relatively higher winter rates to lower summer rates.

Under the AGO's proposed pricing terms, National Grid's winter Basic Service rates will typically be lower than its current winter rates because they will include only two of the high-priced months, January and February. As a result of the new pricing term, however, the Company's new summer rates will be higher than its current summer rates since the high-priced month of December will shift to the summer rate period. The anticipated result of the pricing term change would be that the winter rates are lower and the summer rates are higher, thus decreasing the difference between National Grid's seasonal Basic Service rates. Consequently, the volatility in rates between seasons would be reduced.

The Company expects little to no change in bidder responses to National Grid and Eversource's Basic Service RFPs, provided that there is sufficient time between these RFPs. As stated in its initial comments, the Company recommends utility coordination in the timing of supply procurements, but it does not recommend joint solicitations as this may lead to higher prices.

To facilitate the transition to the proposed pricing term while allowing for sufficient coordination and staggered bidding, the Company proposes to award final bids for the residential and small C&I customer groups in the latter halves of October and April. This will provide sufficient time between National Grid and Eversource's RFPs, which typically occur in early November and May. While unlikely, the Company notes that it is possible that bidder participation for Eversource's RFP may decrease under this proposal if a supplier wins a large portion of the National Grid RFP. This is because a supplier may decide it has sufficient

exposure to the New England electric market and may not wish to win additional bid blocks for the identical delivery period.

III. Conclusion

For the reasons stated herein, the Company does not recommend the implementation of an auction to procure Basic Service at this time. Additionally, the Company does not object to the AGO's proposal for new pricing terms for National Grid since it is likely to result in the benefit of decreased rate volatility for National Grid's Basic Service customers. National Grid appreciates the opportunity to provide comments in this proceeding and looks forward to continuing the dialogue and working with the Department and other interested stakeholders throughout this proceeding.

Respectfully submitted,

**MASSACHUSETTS ELECTRIC COMPANY and
NANTUCKET ELECTRIC COMPANY each d/b/a
NATIONAL GRID**

By their Attorney,



Camal O. Robinson, Esq.
National Grid USA Service Company Inc.
40 Sylvan Road
Waltham, MA 02451
Phone: (781) 907-3336
Email: camal.robinson@nationalgrid.com

Dated: September 11, 2015

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-11

Request:

On page 6, lines 2-4, the quarterly solicitations were defined as being three-month intervals of January through March, April through June, July through September and October through December. Has the Company considered different quarterly periods that coincide more with the seasons? Is there a reason for the use of standard calendar quarter supply periods?

Response:

For the Industrial Group, the Company solicits Full Requirements Service contracts for three months in duration: January through March, April through June, July through September, and October through December. The Company utilizes these three-month intervals because the intervals align with the Company's quarterly solicitations for the Residential and Commercial Groups and allows the Company to solicit contracts for the Industrial Group as part of the Residential and Commercial Groups' solicitations. The Residential and Commercial Groups' bid blocks are for the October through March and April through September periods. The current winter and summer rate periods of October through March and April through September were created in the 2016 Standard Offer Service Procurement Plan in Order No. 22444.

The Company does not propose altering the three-month intervals for the Industrial Group unless the Residential and Commercial Groups' six-month intervals are changed. However, the Company does have experience soliciting other three-month intervals. The Massachusetts Electric Company and Nantucket Electric Company procure Basic Service for February through April, May through July, August through October, and November through January for the Industrial Customer Groups. Massachusetts Electric Company and Nantucket Electric Company utilize these three-month intervals because the intervals align with the their solicitations for the Residential and Commercial Customer Groups' bid blocks.

Division 1-12

Request:

On page 7, lines 1-2, it was stated that if a single supplier has the lowest overall cost for each bid block, it will win all four bid blocks.

- a. Do financial assurance provisions affect this decision to rely on one or more suppliers?
- b. Are financial assurance provisions standardized (i.e. common among suppliers) so that only prices bid matter in the award decision?
- c. Or does the Company consider other factors in an award decision? If so, please provide a list of those factors.

Response:

- a. The financial assurance provisions do not impact bid awards.
- b. All suppliers must have an updated executed Master Power Agreement prior to the indicative bid date. The Master Power Agreement (Schedule 4) includes the Credit Support Annex (Appendix D). Essentially, financial assurance provisions are standardized across all suppliers.
- c. The Company selects the winning suppliers based on a least cost approach; i.e., bids that would result in the lowest overall cost.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-13

Request:

Has the Company done any analysis of whether fixed interval quarterly solicitations (i.e. dollar cost averaging) results in higher or lower prices than a more quantitatively-driven hedging strategy that regularly compares forward prices for specific contract months to historical distributions of prices for those same months leading to accelerated procurement in lower-price periods? If so, please provide that analysis, and if not please explain why.

Response:

The Company has not performed an analysis to compare the forward prices to historical price distributions. The goal of the hedging strategy, which incorporates quarterly solicitations, is to build a portfolio of prices over time to mitigate the price volatility. The hedging strategy avoids relying upon a single purchase for its portfolio and also avoids buying all electric supplies in the spot market. History is not necessarily the best predictor of future prices, especially in the current environment of changing supply resources and demand. Similar to how the natural gas market prices fundamentally changed with the introduction of northeast shale supplies, the electric market could see similar continuously lower prices due to renewable energy or incremental pipeline capacity into the region. The lower quintile of prices today may be the higher quintile of prices in the future and, therefore, a strategy based on less relevant historical prices may result in higher prices.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-14

Request:

Since load is an uncertainty, including shopping/attrition risk, do the full requirements contracts ever result in the Company being over- or under-hedged relative to this 90% target discussed on page 8, line 8? If so, how does the Company address that?

Response:

Under a Full Requirements Service contract, the supplier becomes responsible for the energy, capacity, ancillary services, and miscellaneous Independent System Operator-New England charges of the particular SOS customer group for a fixed dollar per megawatt-hour price. The structure of the Full Requirements Service contract requires a winning supplier to provide electric supply to a specific percentage of the standard offer service (SOS) customer group's load. For example, a supplier that wins 20% of the Residential Group from October 2018 through March 2019 must provide supply for 20% of the Residential Group's load regardless of load fluctuations due to migration or weather.

As detailed in the Direct Testimony of Stephen A. McCauley, the Company issues Requests for Proposals (RFP) soliciting transactions for specific load percentage requirements and time periods. Due to the Full Requirements Service contract and the specific percentages solicited in the RFP, the Company will always meet the 90% target for the Residential and Commercial Group.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-15

Request:

Referencing page 8, lines 18-19 "Because it is effective in mitigating price volatility in all market environments..." How is "effectiveness" being measured by the Company?

Response:

The Company does not have a specific measure of effectiveness. By executing its ladder and layered strategy for its Full Requirements Service contracts, the Company creates a portfolio of prices, which locks up a portion of each month's price over time in all pricing environments. This creates a smoothing of rate changes between rate periods due to fluctuating electric prices.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-16

Request:

Please provide the most recent copy of the Open Access Customer Data Report originally filed in Docket 2515 referenced on page 9, line 8.

Response:

For the most recent copy of the Open Access Customer Data Report, please see Attachment DIV 1-16.



Robert J. Humm
Senior Counsel

April 9, 2018

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 2515 – Open Access Customer Data Report
Fourth Quarter 2017**

Dear Ms. Massaro:

In compliance with Report and Order No. 15382 and Notice of Errata Order No. 15399 in the above-referenced docket, enclosed please find four copies of National Grid's¹ quarterly Open Access Customer Data Report for the fourth quarter of 2017.

National Grid respectfully requests confidential treatment of the supplier names and pricing information contained in the attached report. This information is commercially sensitive and proprietary, and the disclosure of this information could negatively affect the balance of the wholesale markets as well as National Grid's ability to negotiate competitive terms with its wholesale electricity suppliers. Therefore, National Grid requests that this letter serve as the Company's request for confidential treatment pursuant to Rule 1.2(g) of the Public Utilities Commission's (PUC) Rules of Practice and Procedure, and that the PUC afford confidential treatment to the enclosed report. National Grid respectfully requests that, pending entry of that finding, the PUC preliminarily grant the Company's request for confidential treatment pursuant to Rule 1.2(g)(2).

In compliance with Rule 1.2(g)(3), and per the PUC's request, I have enclosed three unredacted copies of the confidential document in a sealed envelope marked, "**Contains Confidential and Privileged Materials - Do Not Release.**" I have also enclosed a PDF file of the non-confidential data for the electronic filing to facilitate posting of the data on the PUC's website.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-784-7415.

Very truly yours,

A handwritten signature in blue ink, appearing to read "R. Humm", written over a light blue horizontal line.

Robert J. Humm

Enclosures

cc: Leo Wold, Esq. (w/confidential enclosure)
John Bell (w/confidential enclosure)

¹ The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data

October through December 2017

CONFIDENTIAL Customer Data By Supplier

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data
Quarterly Totals

Total Open Access Customers by Billing Month

October-17

<u>Rate Class</u>	<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>
A-16	44,185	22,853,826	0.0
A-60	5,652	2,363,192	0.0
C-06/C-08	10,273	12,501,092	0.0
E-30	0	0	0.0
E-40	0	0	0.0
G-02	3,685	63,370,822	216,310.2
G-32/B-32	795	147,237,547	415,622.3
G-62/B-62	10	35,775,061	78,888.8
R-02	0	0	0.0
T-06/T-08	0	0	0.0
X-01	1	1,899,682	15,712.0
M-1	0	0	0.0
S-10	0	152,407	0.0
S-5T	83	471,586	0.0
S-14	142	1,597,151	0.0
Total Open Access	64,826	288,222,366	726,533.3

* As of 2010 Q4, data pertaining to self-generating suppliers and rate class M-1 (Station Power Delivery and Reliability Service Rate) are excluded from the report.

November-17

<u>Rate Class</u>	<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>
A-16	47,977	24,315,044	0.0
A-60	5,207	2,209,992	0.0
C-06/C-08	10,808	12,687,886	0.0
E-30	0	0	0.0
E-40	0	0	0.0
G-02	3,772	60,478,971	209,180.4
G-32/B-32	784	135,856,819	386,016.2
G-62/B-62	10	35,966,228	69,735.8
R-02	0	0	0.0
T-06/T-08	0	0	0.0
X-01	1	2,080,524	14,160.0
M-1	0	0	0.0
S-5T	79	2,123,264	0
S-10	0	178,711	0.0
S-14	134	1,256,580	0.0
Total Open Access	68,772	277,154,019	679,092.4

* As of 2010 Q4, data pertaining to self-generating suppliers and rate class M-1 (Station Power Delivery and Reliability Service Rate) are excluded from the report.

December-17

<u>Rate Class</u>	<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>
A-16	45,626	25,812,512	0.0
A-60	4,600	2,160,730	0.0
C-06/C-08	10,187	12,822,918	0.0
E-30	0	0	0.0
E-40	0	0	0.0
G-02	3,577	57,076,037	187,938.0
G-32/B-32	765	136,866,020	377,660.6
G-62/B-62	9	29,543,663	58,340.8
R-02	0	0	0.0
T-06/T-08	0	0	0.0
X-01	1	2,049,985	14,104.0
M-1	0	0	0.0
S-5T	89	1,890,848	0.0
S-10	0	187,915	0.0
S-14	134	1,825,606	0.0
Total Open Access	64,988	270,236,234	638,043.4

* As of 2010 Q4, data pertaining to self-generating suppliers and rate class M-1 (Station Power Delivery and Reliability Service Rate) are excluded from the report.

National Grid
State of Rhode Island Quarterly Report
Monthly Historical Data by Type of Generation Service

	Competitive Supply(1)		Last Resort Service		Standard Offer		Total	
	Number of Customers	kWhs	Number of Customers (2)	kWhs	Number of Customers	kWhs	Number of Customers	kWhs
1998								
January	3	2,087,159	-	-	328,183	457,823,555	328,186	459,910,714
February	-	-	-	-	334,630	421,530,271	334,630	421,530,271
March	-	-	-	-	334,674	394,236,554	334,674	394,236,554
April	-	-	-	-	334,803	373,875,558	334,803	373,875,558
May	97	165,494	-	-	332,815	367,581,424	332,912	367,746,918
June	9	471,857	-	-	334,639	392,776,837	334,648	393,248,694
July	11	315,834	-	-	332,850	420,732,326	332,861	421,048,160
August	28	379,606	-	-	333,026	470,954,510	333,054	471,334,116
September	41	497,083	-	-	333,473	449,030,687	333,514	449,527,770
October	253	555,272	-	-	333,892	409,835,159	334,145	410,390,431
November	361	673,116	-	-	334,274	389,098,437	334,635	389,771,553
December	504	739,069	-	-	334,692	431,365,421	335,196	432,104,490
Annual Total		5,884,490		-		4,978,840,739		4,984,725,229
1999								
January	1,230	8,312,007	6	-	334,301	473,199,436	335,537	481,511,443
February	1,661	35,393,925	15	143	334,153	376,763,002	335,829	412,157,070
March	1,666	36,458,605	40	8,620	334,323	378,776,165	336,029	415,243,390
April	1,621	39,140,223	72	18,919	334,375	340,948,488	336,068	380,107,630
May	1,634	38,283,260	112	33,558	334,417	328,148,241	336,163	366,465,059
June	1,600	41,768,923	155	53,068	334,220	362,463,305	335,975	404,285,296
July	1,558	40,674,806	182	198,537	334,300	442,363,458	336,040	483,236,801
August	1,540	42,259,672	203	253,887	334,511	457,044,820	336,254	499,558,379
September	1,569	50,356,985	225	289,736	334,988	417,540,495	336,782	468,187,216
October	1,542	42,639,377	238	265,776	335,593	368,768,692	337,373	411,673,845
November	1,415	46,976,932	349	241,032	336,190	345,284,869	337,954	392,502,833
December	1,028	47,581,922	727	370,364	336,736	409,266,612	338,491	457,218,898
Annual Total		469,846,637		1,733,640		4,700,567,583		5,172,147,860
Cumulative Total		475,731,127		1,733,640		9,679,408,322		10,156,873,089
2000								
January	998	30,236,044	752	2,822,979	337,120	400,745,146	338,870	433,804,169
February	632	29,517,224	1,112	32,620,925	337,404	419,877,249	339,148	482,015,398
March	192	12,555,486	1,560	27,154,126	337,521	380,612,179	339,273	420,321,791
April	143	3,602,928	1,586	39,090,524	337,580	350,948,764	339,309	393,642,216
May(3)	165	5,385,977	1,916	43,772,351	460,314	467,320,521	462,395	516,478,849
June	161	9,225,985	1,908	52,415,458	460,030	523,584,661	462,099	585,226,104
July	161	7,313,399	1,897	47,678,237	460,225	587,445,791	462,283	642,437,427
August	161	7,380,100	1,891	47,613,352	460,528	567,229,640	462,580	622,223,092
September	160	8,172,015	1,880	54,874,732	460,674	587,453,420	462,714	650,500,167
October	157	8,180,047	1,879	50,824,229	461,211	531,473,452	463,247	590,477,728
November	157	7,796,079	1,867	49,320,391	461,883	504,918,313	463,907	562,034,783
December	157	8,377,456	1,860	48,246,714	462,496	570,757,414	464,513	627,381,584
Annual Total		137,742,740		496,434,018		5,892,366,550		6,526,543,308
Cumulative Total		613,473,867		498,167,658		15,571,774,872		16,683,416,397

(1) Note: includes data pertaining to self-generating suppliers and rate class M-1 (Station Power Delivery and Reliability Service Rate).
(2) Customer count reflects number of individual billing accounts. A customer may have more than one billing account.
(3) Beginning in May 2000, amounts reflect Blackstone Valley Electric Company and Newport Electric Corporation resulting from the merger of both companies into Narragansett Electric Company.

National Grid
State of Rhode Island Quarterly Report
Monthly Historical Data by Type of Generation Service

	<u>Competitive Supply(1)</u>		<u>Last Resort Service</u>		<u>Standard Offer</u>		<u>Total</u>	
	<u>Number of Customers</u>	<u>kWhs</u>	<u>Number of Customers (2)</u>	<u>kWhs</u>	<u>Number of Customers</u>	<u>kWhs</u>	<u>Number of Customers</u>	<u>kWhs</u>
2001								
January	157	7,714,377	1,858	54,550,924	462,948	638,061,153	464,963	700,326,454
February	157	9,183,839	1,786	38,788,838	461,397	542,297,794	463,340	590,270,471
March	161	25,895,000	1,777	32,636,431	461,487	535,210,784	463,425	593,742,215
April	162	25,778,067	1,767	16,815,448	461,471	511,725,055	463,400	554,318,570
May	163	26,594,951	1,758	31,725,263	461,327	486,649,581	463,248	544,969,795
June	163	27,007,928	1,754	31,815,172	461,454	521,562,705	463,371	580,385,805
July	517	29,424,608	1,392	26,078,520	461,452	612,780,688	463,361	668,283,816
August	1,137	41,872,889	814	12,952,714	461,394	601,251,077	463,345	656,076,680
September	2,282	51,218,926	750	4,814,323	460,427	625,379,444	463,459	681,412,693
October	2,614	58,017,710	729	3,650,134	460,526	537,481,963	463,869	599,149,807
November	2,666	77,719,067	714	5,118,749	461,096	494,884,558	464,476	577,722,374
December	2,705	76,233,932	713	3,563,500	461,861	514,641,231	465,279	594,438,663
Annual Total		456,661,294		262,510,016		6,621,926,033		7,341,097,343
Cumulative Total		1,070,135,161		760,677,674		22,193,700,905		24,024,513,740
2002								
January	2,727	67,307,128	709	3,685,749	462,022	587,384,691	465,458	658,377,568
February	2,737	95,638,137	703	(1,722,361)	462,326	534,241,614	465,766	628,157,390
March	2,743	65,892,626	702	2,337,165	462,702	499,965,217	466,147	568,195,008
April	2,740	76,568,291	696	2,175,258	463,009	488,880,000	466,445	567,623,549
May	2,734	74,295,679	696	1,995,888	463,673	465,488,789	467,103	541,780,356
June	2,700	73,040,902	685	1,490,240	462,269	490,840,915	465,654	565,372,057
July	2,739	64,066,370	681	2,873,242	463,169	593,533,628	466,589	660,473,240
August	2,751	93,735,903	670	1,746,529	463,338	626,460,420	466,759	721,942,852
September	2,755	78,505,326	649	1,355,281	463,297	597,790,094	466,701	677,650,701
October	2,747	82,499,928	648	1,325,624	463,534	541,505,038	466,929	625,330,590
November	2,741	85,803,391	650	4,213,951	464,190	528,306,272	467,581	618,323,614
December	2,132	82,161,123	1,257	4,537,244	464,626	595,688,698	468,015	682,387,065
Annual Total		939,514,804		26,013,810		6,550,085,376		7,515,613,990
Cumulative Total		2,009,649,965		786,691,484		28,743,786,281		31,540,127,730
2003								
January	1,985	62,368,061	1,408	19,572,407	465,147	612,526,727	468,540	694,467,195
February	2,000	46,931,010	1,389	20,781,267	466,140	573,405,929	469,529	641,118,206
March	1,970	66,770,592	1,418	20,729,272	466,433	552,286,014	469,821	639,785,878
April	1,963	44,413,222	1,419	27,527,952	466,436	501,542,688	469,818	573,483,862
May	1,957	46,216,482	1,420	34,073,116	466,519	482,992,185	469,896	563,281,783
June	2,065	48,001,135	1,315	33,858,523	466,110	490,926,565	469,490	572,786,223
July	2,083	48,554,843	1,293	30,735,106	466,407	607,540,196	469,783	686,830,145
August	2,116	54,875,855	1,260	32,401,343	466,575	660,102,236	469,951	747,379,434
September	2,145	44,741,622	1,236	19,977,578	466,795	633,003,428	470,176	697,722,628
October	2,288	72,703,628	1,139	13,539,820	466,964	523,233,581	470,391	609,477,029
November	2,312	75,582,865	1,113	11,884,656	467,487	511,246,998	470,912	598,714,519
December	2,235	76,349,747	1,188	11,943,960	468,361	580,751,039	471,784	669,044,746
Annual Total		687,509,062		277,025,000		6,729,557,586		7,694,091,648
Cumulative Total		2,697,159,027		1,063,716,484		35,473,343,867		39,234,219,378

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National Grid
State of Rhode Island Quarterly Report
Monthly Historical Data by Type of Generation Service

	Competitive Supply(1)		Last Resort Service		Standard Offer		Total	
	Number of Customers	kWhs	Number of Customers (2)	kWhs	Number of Customers	kWhs	Number of Customers	kWhs
2004								
January	2,234	75,370,719	1,198	16,515,917	468,782	617,638,437	472,214	709,525,073
February	2,253	68,181,992	1,184	15,704,065	469,240	576,720,905	472,677	660,606,962
March	2,267	67,668,979	1,176	18,048,829	469,196	548,542,881	472,639	634,260,689
April	2,268	66,064,562	1,166	13,523,228	469,254	516,025,134	472,688	595,612,924
May	1,348	66,003,180	2,086	12,753,849	469,069	487,351,484	472,503	566,108,513
June	1,643	65,068,901	1,878	23,879,239	468,548	535,854,816	472,069	624,802,956
July	2,135	60,693,032	1,465	24,914,503	468,108	593,955,479	471,708	679,563,014
August	2,397	64,836,819	1,255	20,329,055	468,205	622,178,035	471,857	707,343,909
September	2,875	75,114,881	857	17,043,730	468,585	640,177,127	472,317	732,335,738
October	2,949	77,471,277	793	11,815,010	469,189	545,445,628	472,931	634,731,915
November	2,952	74,184,687	774	15,430,585	469,789	512,452,523	473,515	602,067,795
December	2,804	78,540,017	913	12,296,038	470,577	584,484,383	474,294	675,320,438
Annual Total		839,199,046		202,254,048		6,780,826,832		7,822,279,926
Cumulative Total		3,536,358,073		1,265,970,532		42,254,170,699		47,056,499,304
2005								
January	2,809	67,223,969	945	17,428,917	471,581	589,044,964	475,335	673,697,850
February	2,838	69,295,034	933	16,483,915	472,317	560,253,357	476,088	646,032,306
March	2,826	79,324,287	932	12,791,354	472,619	567,098,041	476,377	659,213,682
April	2,876	77,541,293	899	9,827,653	472,550	512,423,662	476,325	599,792,608
May	2,839	74,192,269	930	9,908,437	472,439	477,083,497	476,208	561,184,203
June	2,865	76,041,724	909	12,072,216	472,470	525,213,042	476,244	613,326,982
July	2,882	77,004,733	894	14,313,023	472,553	629,492,615	476,329	720,810,371
August	2,898	80,636,902	899	13,985,829	473,547	689,545,140	477,344	784,167,871
September	2,910	82,855,196	891	14,563,311	472,811	677,739,427	476,612	775,157,934
October	2,868	78,123,329	930	13,920,763	473,057	558,533,611	476,855	650,577,703
November	2,799	67,274,966	994	17,146,353	473,295	513,004,576	477,088	597,425,895
December	2,793	61,906,908	998	39,968,587	474,191	602,072,305	477,982	703,947,800
Annual Total		891,420,610		192,410,358		6,901,504,237		7,985,335,205
Cumulative Total		4,427,778,683		1,458,380,890		49,155,674,936		55,041,834,509
2006								
January	2,849	45,336,021	964	41,988,660	474,857	599,805,461	478,670	687,130,142
February	2,904	43,280,460	923	38,983,999	475,207	517,601,487	479,034	599,865,946
March	2,948	66,544,706	875	29,776,175	475,542	574,027,353	479,365	670,348,234
April	3,065	73,777,336	824	15,797,686	475,389	494,092,624	479,278	583,667,646
May	3,249	75,786,163	811	12,185,406	474,998	458,149,747	479,058	546,121,316
June	3,335	95,709,690	788	12,065,833	474,260	501,159,091	478,383	608,934,614
July	3,370	93,656,141	786	12,866,806	473,941	614,930,939	478,097	721,453,886
August	3,371	104,855,263	784	14,238,415	473,809	675,728,561	477,964	794,822,239
September	3,350	98,580,859	775	12,803,541	468,255	575,594,441	472,380	686,978,841
October	3,374	100,512,312	775	11,840,472	474,636	484,046,114	478,785	596,398,898
November	3,385	91,401,700	762	12,089,817	475,270	471,299,560	479,417	574,791,077
December	3,396	102,237,167	775	13,179,330	475,980	546,399,668	480,151	661,816,165
Annual Total		991,677,818		227,816,140		6,512,835,046		7,732,329,004
Cumulative Total		5,419,456,501		1,686,197,030		55,668,509,982		62,774,163,513

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National Grid
State of Rhode Island Quarterly Report
Monthly Historical Data by Type of Generation Service

	Competitive Supply(1)		Last Resort Service		Standard Offer		Total	
	Number of Customers	kWhs	Number of Customers (2)	kWhs	Number of Customers	kWhs	Number of Customers	kWhs
2007								
January	3,381	100,320,608	785	14,316,695	476,532	584,220,746	480,698	698,858,049
February	3,352	93,505,465	780	13,842,944	476,884	528,332,828	481,016	635,681,237
March	3,394	95,146,878	769	13,118,250	478,043	542,612,660	482,206	650,877,788
April	3,407	93,392,750	769	12,691,055	478,132	485,100,740	482,308	591,184,545
May	3,394	92,489,444	767	11,941,866	477,799	470,689,877	481,960	575,121,187
June	3,390	96,658,477	764	13,818,744	477,181	517,823,660	481,335	628,300,881
July	3,347	90,905,766	800	15,751,253	476,562	573,566,967	480,709	680,223,986
August	3,317	97,342,301	821	16,784,287	476,246	646,041,995	480,384	760,168,583
September	3,262	99,920,162	869	23,474,030	475,953	601,335,853	480,084	724,730,045
October	3,227	89,392,691	902	25,292,980	475,521	527,217,522	479,650	641,903,193
November	3,233	93,368,817	885	18,396,466	475,758	496,768,042	479,876	608,533,325
December	3,206	99,151,139	905	15,873,971	476,828	569,047,235	480,939	684,072,345
Annual Total		1,141,594,498		195,302,541		6,542,758,125		7,879,655,164
Cumulative Total		6,561,050,999		1,881,499,571		62,211,268,107		70,653,818,677
2008								
January	3,344	108,141,204	878	14,785,735	464,171	583,797,693	468,393	706,724,632
February	3,126	83,211,462	1,002	12,485,838	481,438	551,015,683	485,566	646,712,983
March	3,124	85,854,831	1,114	14,261,688	480,990	493,807,205	485,228	593,923,724
April	3,050	98,390,514	1,094	13,447,489	467,089	537,942,272	471,233	649,780,275
May	3,146	85,020,323	1,117	13,254,552	481,255	438,045,311	485,518	536,320,186
June	2,993	92,668,526	1,246	13,674,446	482,919	497,867,816	487,158	604,210,788
July	2,900	82,700,911	1,317	23,776,004	481,892	602,969,314	486,109	709,446,229
August	2,904	88,545,478	1,360	25,535,044	480,751	675,999,001	485,015	790,079,523
September	2,832	80,093,164	1,390	45,715,424	480,609	620,757,392	484,831	746,565,980
October	2,929	78,703,398	1,375	34,015,253	479,937	542,891,558	484,241	655,610,209
November	3,158	97,597,862	1,297	17,151,781	482,276	370,332,375	486,731	485,082,018
December	3,320	102,717,045	1,225	14,524,719	466,540	491,884,691	471,085	609,126,455
Annual Total		1,083,644,718		242,627,973		6,407,310,311		7,733,583,002
Cumulative Total		7,644,695,717		2,124,127,544		68,618,578,418		78,387,401,679
2009								
January	3,892	136,296,995	1,308	18,668,830	480,143	601,929,535	485,343	756,895,360
February	4,158	130,970,759	1,365	15,766,471	481,270	492,637,196	486,793	639,374,426
March	4,296	127,647,032	1,328	14,983,324	481,813	506,692,151	487,437	649,322,507
April	4,715	110,002,581	1,136	11,347,988	480,883	427,557,447	486,734	548,908,016
May	4,896	181,693,652	1,122	10,211,001	481,717	398,835,040	487,735	590,739,693
June	6,677	149,917,663	1,147	12,751,649	470,872	397,408,789	478,696	560,078,101
July	7,197	165,163,524	1,150	12,206,418	478,642	466,483,138	486,989	643,853,080
August	7,350	171,970,596	1,119	11,596,095	464,574	499,941,344	473,043	683,508,035
September	7,814	192,013,763	1,127	13,332,173	477,768	515,860,996	486,709	721,206,932
October	7,892	188,918,581	1,110	12,628,030	472,307	388,276,001	481,309	589,822,612
November	8,120	169,300,085	1,180	15,606,567	477,232	373,668,110	486,532	558,574,762
December	8,227	180,551,718	1,210	19,687,045	471,515	419,967,545	480,952	620,206,308
Annual Total		1,904,446,949		168,785,591		5,489,257,292		7,562,489,832
Cumulative Total		9,549,142,666		2,292,913,135		74,107,835,710		85,949,891,511

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National Grid
State of Rhode Island Quarterly Report
Monthly Historical Data by Type of Generation Service

	Competitive Supply(1)		Last Resort Service		Standard Offer		Total	
	Number of Customers	kWhs	Number of Customers (2)	kWhs	Number of Customers	kWhs	Number of Customers	kWhs
2010								
January	8,480	198,442,359	1,293	17,394,008	477,210	487,989,217	486,983	703,825,584
February	8,469	186,168,735	-	-	478,567	448,106,128	487,036	634,274,863
March	8,637	182,485,680	-	-	479,746	434,120,936	488,383	616,606,616
April	8,568	185,620,128	-	-	466,899	398,625,595	475,467	584,245,723
May	8,921	181,641,905	-	-	479,233	366,657,832	488,154	548,299,737
June	9,098	197,248,748	-	-	466,876	398,479,560	475,974	595,728,308
July	9,340	226,291,831	-	-	477,739	569,034,194	487,079	795,326,025
August	9,559	232,063,525	-	-	465,228	547,011,793	474,787	779,075,318
September	9,647	229,129,561	-	-	472,653	491,111,742	482,300	720,241,303
October	9,803	201,835,705	-	-	477,917	393,074,189	487,720	594,909,894
November	10,347	195,176,518	-	-	477,190	371,198,240	487,537	566,374,758
December	10,585	199,539,572	-	-	456,476	413,439,719	467,061	612,979,291
Annual Total		2,415,644,267		17,394,008		5,318,849,145		7,751,887,420
Cumulative Total		11,964,786,933		2,310,307,143		79,426,684,855		93,701,778,931
2011								
January	11,411	209,498,691	-	-	477,672	474,549,962	489,083	684,048,653
February	11,530	205,743,158	-	-	477,598	446,655,742	489,128	652,398,900
March	11,555	209,613,436	-	-	459,054	410,024,333	470,609	619,637,769
April	11,973	194,916,005	-	-	477,013	385,766,051	488,986	580,682,056
May	12,321	205,045,302	-	-	476,935	359,541,000	489,256	564,586,302
June	12,386	212,278,055	-	-	477,369	392,571,655	489,755	604,849,710
July	12,332	225,761,849	-	-	476,659	499,558,993	488,991	725,320,842
August	11,919	229,213,299	-	-	463,787	560,151,935	475,706	789,365,234
September	12,093	211,764,929	-	-	476,660	484,410,229	488,753	696,175,158
October	12,159	200,350,781	-	-	477,760	408,735,333	489,919	609,086,114
November	12,312	190,923,444	-	-	476,005	395,092,822	488,317	586,016,266
December	12,447	194,531,608	-	-	463,762	400,834,425	476,209	595,366,033
Annual Total		2,489,640,557		-		5,217,892,480		7,707,533,037
Cumulative Total		14,454,427,490		2,310,307,143		84,644,577,335		101,409,311,968
2012								
January	13,196	210,462,477	-	-	469,640	438,224,877	482,836	648,687,354
February	13,726	192,248,651	-	-	476,365	422,414,348	490,091	614,662,999
March	14,032	208,119,333	-	-	476,200	409,350,650	490,232	617,469,983
April	14,348	204,601,260	-	-	476,705	384,517,415	491,053	589,118,675
May	14,491	204,335,459	-	-	463,515	338,423,872	478,006	542,759,331
June	15,745	221,583,516	-	-	475,521	387,492,022	491,266	609,075,538
July	16,246	241,849,578	-	-	474,139	478,013,973	490,385	719,863,551
August	16,411	268,464,277	-	-	473,084	542,723,659	489,495	811,187,936
September	16,665	262,937,856	-	-	473,569	480,800,278	490,234	743,738,134
October	16,979	221,629,218	-	-	472,020	350,040,786	488,999	571,670,004
November	17,588	219,283,215	-	-	472,348	342,884,563	489,936	562,167,778
December	17,849	220,726,140	-	-	471,896	399,053,454	489,745	619,779,594
Annual Total		2,676,240,980		-		4,973,939,897		7,650,180,877
Cumulative Total		17,130,668,470		2,310,307,143		89,618,517,232		109,059,492,845

(1) Note: includes data pertaining to self-generating suppliers and rate class M-1 (Station Power Delivery and Reliability Service Rate).
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National Grid
State of Rhode Island Quarterly Report
Monthly Historical Data by Type of Generation Service

	Competitive Supply(1)		Last Resort Service		Standard Offer		Total	
	Number of Customers	kWhs	Number of Customers (2)	kWhs	Number of Customers	kWhs	Number of Customers	kWhs
2013								
January	17,122	226,046,347	-	-	473,273	438,177,751	490,395	664,224,098
February	18,329	235,322,689	-	-	472,980	439,296,297	491,309	674,618,986
March	20,716	214,220,485	-	-	471,485	395,239,561	492,201	609,460,046
April	20,650	214,233,076	-	-	471,825	385,510,295	492,475	599,743,371
May	20,727	216,687,455	-	-	472,161	357,405,758	492,888	574,093,213
June	20,313	219,423,931	-	-	472,896	382,023,923	493,209	601,447,854
July	19,961	242,251,346	-	-	472,437	526,335,787	492,398	768,587,133
August	19,744	252,054,812	-	-	471,818	554,814,957	491,562	806,869,769
September	19,829	230,937,824	-	-	473,215	452,640,581	493,044	683,578,405
October	19,940	203,473,145	-	-	471,646	366,582,492	491,586	570,055,637
November	18,553	196,943,744	-	-	473,657	362,688,326	492,210	559,632,070
December	18,070	207,139,031	-	-	473,109	432,520,327	491,179	639,659,358
Annual Total		2,658,733,885		-		5,093,236,055		7,751,969,940
Cumulative Total		19,789,402,355		2,310,307,143		94,711,753,287		116,811,462,785
2014								
January	19,415	209,090,310	-	-	471,930	503,791,459	491,345	712,881,769
February	20,547	206,824,643	-	-	470,579	460,523,721	491,126	667,348,364
March	25,074	201,734,821	-	-	468,465	436,489,186	493,539	638,224,007
April	31,881	202,042,392	-	-	460,895	392,662,181	492,776	594,704,573
May	34,798	215,302,016	-	-	458,890	371,895,707	493,688	587,197,723
June	35,946	206,257,886	-	-	457,462	357,083,210	493,408	563,341,096
July	35,872	228,142,511	-	-	457,173	444,844,136	493,045	672,986,647
August	35,818	165,388,248	-	-	455,782	487,618,199	491,600	653,006,447
September	37,543	246,112,782	-	-	455,778	446,066,710	493,321	692,179,492
October	36,692	262,247,336	-	-	456,524	368,246,325	493,216	630,493,661
November	35,857	208,327,985	-	-	455,648	366,102,433	491,505	574,430,418
December	35,407	207,451,106	-	-	456,933	419,640,132	492,340	627,091,238
Annual Total		2,558,922,036		-		5,054,963,399		7,613,885,435
Cumulative Total		22,348,324,391		2,310,307,143		99,766,716,686		124,425,348,220
2015								
January	34,814	212,536,951	-	-	457,257	442,969,964	492,071	655,506,915
February	36,534	234,828,872	-	-	457,546	444,146,015	494,080	678,974,887
March	37,410	237,248,974	-	-	456,863	400,285,031	494,273	637,534,005
April	41,483	239,013,065	-	-	453,489	354,933,622	494,972	593,946,687
May	44,752	231,509,521	-	-	451,011	302,584,321	495,763	534,093,842
June	46,557	256,098,228	-	-	448,858	333,113,561	495,415	589,211,789
July	46,607	267,596,105	-	-	446,314	390,729,473	492,921	658,325,578
August	46,950	301,546,738	-	-	446,004	453,023,704	492,954	754,570,442
September	49,646	305,263,631	-	-	444,764	452,765,153	494,410	758,028,784
October	50,043	265,720,360	-	-	425,976	331,871,388	476,019	597,591,748
November	53,982	246,209,001	-	-	442,735	283,870,575	496,717	530,079,576
December	54,437	277,293,132	-	-	441,041	347,036,426	495,478	624,329,558
Annual Total		3,074,864,578		-		4,537,329,233		7,612,193,811
Cumulative Total		25,423,188,969		2,310,307,143		104,304,045,919		132,037,542,031

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National Grid
State of Rhode Island Quarterly Report
Monthly Historical Data by Type of Generation Service

	Competitive Supply(1)		Last Resort Service		Standard Offer		Total	
	Number of Customers	kWhs	Number of Customers (2)	kWhs	Number of Customers	kWhs	Number of Customers	kWhs
2016								
January	54,832	277,939,298	-	-	439,360	349,969,616	494,192	627,908,914
February	55,139	278,277,331	-	-	439,882	332,343,084	495,021	610,620,415
March	56,021	278,282,204	-	-	441,355	329,618,333	497,376	607,900,537
April	56,565	268,478,930	-	-	438,547	302,767,402	495,112	571,246,332
May	57,146	246,208,828	-	-	428,956	260,700,876	486,102	506,909,704
June	60,682	296,513,986	-	-	434,241	314,897,499	494,923	611,411,485
July	63,582	315,292,472	-	-	429,295	376,534,933	492,877	691,827,405
August	65,731	342,250,656	-	-	428,747	444,089,629	494,478	786,340,285
September	67,578	341,604,733	-	-	426,060	401,332,611	493,638	742,937,344
October	68,212	288,008,704	-	-	427,173	296,233,162	495,385	584,241,866
November	69,299	270,875,421	-	-	428,299	268,280,758	497,598	539,156,179
December	66,573	284,427,205	-	-	408,619	298,895,271	475,192	583,322,476
Annual Total		3,488,159,768		-		3,975,663,174		7,463,822,942
Cumulative Total		28,911,348,737		2,310,307,143		108,279,709,093		139,501,364,973
2017								
January	70,298	300,263,332	-	-	423,252	339,129,068	493,550	639,392,400
February	70,790	282,774,029	-	-	426,794	316,717,782	497,584	599,491,811
March	67,883	284,822,698	-	-	409,429	300,248,317	477,312	585,071,015
April	70,526	283,450,829	-	-	416,203	296,888,626	486,729	580,339,455
May	72,486	257,062,715	-	-	423,025	262,064,187	495,511	519,126,902
June	72,840	289,200,418	-	-	428,119	297,204,228	500,959	586,404,646
July	72,143	319,875,253	-	-	427,969	384,163,936	500,112	704,039,189
August	70,382	319,605,838	-	-	429,607	391,394,073	499,989	710,999,911
September	68,278	299,881,920	-	-	427,587	344,597,675	495,865	644,479,595
October	64,751	288,708,021	-	-	411,412	294,985,235	476,163	583,693,256
November	68,701	275,904,338	-	-	432,368	289,876,854	501,069	565,781,192
December	64,907	269,328,442	-	-	410,204	299,990,755	475,111	569,319,197
Annual Total		3,470,877,833		-		3,817,260,736		7,288,138,569
Cumulative Total		32,382,226,570		2,310,307,143		112,096,969,829		146,789,503,542
2018								
January			-	-			-	-
February			-	-			-	-
March			-	-			-	-
April			-	-			-	-
May			-	-			-	-
June			-	-			-	-
July			-	-			-	-
August			-	-			-	-
September			-	-			-	-
October			-	-			-	-
November			-	-			-	-
December			-	-			-	-
Annual Total		-		-		-		-
Cumulative Total		32,382,226,570		2,310,307,143		112,096,969,829		146,789,503,542

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Oct-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing			
	# of Customers	kWh	Demand			# of Customers	kWh	Demand	
Supplier: ██████████									
A-16	70	36,733	0.0			A-16	6	3,390	0.0
A-60	9	2,531	0.0			A-60			
B-32						B-32			
B-62						B-62			
C-06/C-08	38	129,300	0.0			C-06/C-08	54	61,046	0.0
G-02	15	207,357	623.5			G-02	84	2,650,804	7,365.6
E-40						E-40			
G-32	7	934,840	3,405.8			G-32	35	8,761,316	22,466.8
G-62	1	2,467,491	5,243.8			G-62	2	12,496,280	27,152.8
S-10	0	173	0.0			S-10	0	5,049	0.0
S-5T						S-5T			
S-14	1	521	0.0			S-14	6	10,374	0.0
Supplier Subtotal	141	3,778,946	9,273.1			Supplier Subtotal	187	23,988,259	56,985.2
Supplier: ██████████						Supplier: ██████████			
A-16	353	178,124	0.0			A-16			
A-60	11	5,731	0.0			A-60			
C-06/C-08	59	65,650	0.0			C-06/C-08	143	310,899	0.0
G02	28	413,514	1,933.9			G02	73	1,254,567	3,337.5
G-32	5	506,500	1,812.7			G-32	1	104,000	277.2
G-62						G-62			
S10						S10	0	360	0.0
S14						S14			
Supplier Subtotal	456	1,169,519	3,746.6			Supplier Subtotal	217	1,669,826	3,614.7
Supplier: ██████████						Supplier: ██████████			
A-16	1,585	874,236	0.0			A-16	6	8,505	0.0
A60	165	85,487	0.0			A60			
B-32						B-32			
B-62						B-62			
C-06/C-08	439	745,791	0.0			C-06/C-08	2,431	1,216,985	0.0
G-02	235	4,062,558	14,447.6			G-02	286	6,441,805	18,319.7
G-32	43	7,322,579	22,050.0			G-32	95	26,653,251	66,865.8
E-40						E-40			
G-62						G-62	4	7,607,906	17,227.2
R-02						R-02			
T-06/T-08						T-06/T-08			
S-10	0	6,467	0.0			S-10	0	12,944	0.0
S-5T	2	897	0.0			S-5T			
S-14						S-14	5	6,933	0.0
X-01						X-01			
Supplier Subtotal	2,489	13,098,015	36,497.6			Supplier Subtotal	2,827	41,948,329	102,412.7
Supplier: ██████████						Supplier: ██████████			
A-16	35	10,684	0.0			A-16			
A-60	2	976	0.0			A-60			
B-62						B-62			
C-06/C-08	14	43,790	0.0			C-06/C-08	5	8,703	0.0
G-02	7	106,536	384.1			G-02	2	40,851	115.1
E-40						E-40			
G-32	2	119,760	556.0			G-32	1	28,400	140.3
T-06/T-08						T-06/T-08			
X-01						X-01			
S-10						S-10			
S-14						S-14			
Supplier Subtotal	60	281,746	940.1			Supplier Subtotal	8	77,954	255.4

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Oct-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: ██████████								
A-16								
A-60								
C-06/C-08								
E-40								
G-02								
G-32								
G62								
T-06/T-08								
S-10								
S-14								
Supplier Subtotal	0	0	0.0			0	0	0.0
Supplier: ██████████								
A-16	6,275	2,961,016	0.0					
A-60	1,085	446,547	0.0					
C-06/C-08	628	753,256	0.0					
E-30								
G-02	165	2,527,856	8,361.2					
G-32	32	3,982,725	12,841.2					
G62								
T-06/T-08								
S-10	0	806	0.0					
S-ST	1	20,596	0.0					
S-14	2	1,117	0.0					
Supplier Subtotal	8,188	10,693,919	21,202.4					
Supplier: ██████████								
C-06/C-08								
E-40								
G-02								
G-32								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A16	6	4,410	0.0					
A60								
C06/C08	2	1,777	0.0					
G02	2	15,762	76.0					
G32								
S10								
S14								
Supplier Subtotal	10	21,949	76.0					
Supplier: ██████████								
A-16								
A60								
B-32								
C-06/C-08								
E-30								
G-02								
G-32								
G-62								
R-02								
T-06/T-08								
E-40								
S-10								
S-14								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A-16								
A60								
B-32								
C-06/C-08								
E-30								
G-02								
G-32								
G-62								
R-02								
T-06/T-08								
E-40								
S-10								
S-14								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A-16								
A60								
C06	2	741	0.0					
G02	5	88,190	301.3					
G-32	3	426,960	956.4					
S10								
S14								
Supplier Subtotal	10	515,891	1,257.7					
Supplier: ██████████								
A-16								
A60								
B-32								
C-06/C-08								
E-30								
G-02								
G-32								
G-62								
R-02								
T-06/T-08								
E-40								
S-10								
S-14								
Supplier Subtotal	0	0	0.0					

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Oct-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: ██████████								
A-16	381	206,352	0.0					
A60	57	22,897	0.0					
C-06/C-08	157	383,794						
E-40								
G-02	76	1,076,543	4,414.5					
G32	12	1,005,063	3,407.9					
R02								
T-06/T-08								
S-10	0	6,296	0.0					
S-14	3	-16,689	0.0					
Supplier Subtotal	686	2,684,256	7,822.4					
Supplier: ██████████								
A16	164	161,824	0.0					
A60	22	9,514	0.0					
B-62								
C-06/C-08	59	60,309						
E40								
G02	34	742,790	2,570.8					
G-32	4	182,720	974.1					
G-62								
S10	0	1,267	0.0					
S14	1	115	0.0					
Supplier Subtotal	284	1,158,539	3,544.9					
Supplier: ██████████								
A-16	51	27,101	0.0					
B32								
A60	9	2,757	0.0					
C06	12	12,439	0.0					
G02	5	141,103	543.8					
G32	2	177,440	730.2					
G62								
S10	0	757	0.0					
S14								
Supplier Subtotal	79	361,597	1,274.0					
Supplier: ██████████								
A16								
A60								
C06/C08								
G02								
G32								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A16	2	1,951	0.0					
A60	1	156	0.0					
C06/C08	2	4,010	0.0					
G02	1	7,360	46.4					
G32/G3F	1	123,000	283.5					
Supplier Subtotal	7	136,477	329.9					
Supplier: ██████████								
A-16	1	658	0.0					
A60								
C-06/C-08	208	634,418	0.0					
E-40								
G-02	7	353,627	749.7					
G-32	1	210,000	340.0					
R-02								
T-06/T-08								
S-10	0	409	0.0					
S-14	2	1,258	0.0					
Supplier Subtotal	219	1,200,370	1,089.7					
Supplier: ██████████								
A16	11	31,659	0.0					
A60								
B-62								
C-06/C-08	132	319,351	0.0					
E-40								
G02	185	3,039,618	7,260.1					
G-32	39	14,776,369	34,014.8					
G-62	1	1,679,399	5,220.0					
S10	0	4,878	0.0					
S14								
Supplier Subtotal	368	19,851,274	46,494.9					
Supplier: ██████████								
A-16	13	7,527	0.0					
B32								
A60								
C06	57	81,745	0.0					
G02	11	138,588	435.1					
G32	6	910,740	2,902.3					
G62								
S10	0	275	0.0					
S14								
Supplier Subtotal	87	1,138,875	3,337.4					
Supplier: ██████████								
A16								
A60								
C06/C08								
G02								
G32								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A16								
A60								
C06/C08	5	3,074	0.0					
G02								
G32/G3F	4	1,340,153	4,215.3					
Supplier Subtotal	9	1,343,227	4,215.3					

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Oct-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: ██████████								
A16	2,026	1,080,478	0.0			7	6,783	0.0
A60	186	80,298	0.0					
B32								
C06/C08	420	611,852	0.0			1	3,519	0.0
G02	235	3,883,246	13,384.6					
G32	22	2,958,792	9,737.3					
G62								
S10	0	13,089	0.0					
S-5T								
S14	7	155,345	0.0					
Supplier Subtotal	2,896	8,783,100	23,121.9			8	10,302	0.0
Supplier: ██████████								
A16	1,547	920,226	0.0			49	42,523	0.0
A60	156	64,879	0.0					
B32						1	771,395	9,109.6
C06/C08	553	930,037	0.0			1,431	1,427,370	0.0
E30								
G02	303	4,831,530	17,596.0			703	10,904,197	43,021.7
G3F/G32	51	7,963,609	21,269.6			239	38,239,816	108,346.1
G62								
T06								
S5T	1	63,152	0.0			72	322,109	0.0
S10	0	23,685	0.0			0	31,305	0.0
S14	6	41,381	0.0			98	1,306,305	0.0
X01						1	1,899,682	15,712.0
Supplier Subtotal	2,617	14,838,499	38,865.6			2,594	54,944,702	176,189.4
Supplier: ██████████								
A-16	7,538	4,315,016	0.0			1	351	0.0
A-60	653	284,612	0.0			3	2,494	0.0
B32								
C-06/C-08	691	849,644	0.0					
E-30								
G-02	200	3,367,390	11,832.7					
G-32	34	5,420,365	15,662.0					
G6F								
T-06/T-08								
S-10	0	4,168	0.0					
S-5T	1	179	0.0					
S-14	3	211,899	0.0					
Supplier Subtotal	9,120	14,029,475	27,494.7			4	2,845	0.0
Supplier: ██████████								
A-16	1	546	0.0					
A-60								
C-06/C-08								
G-02								
G32								
S-10								
S14								
Supplier Subtotal	1	546	0.0			0	0	0.0
Supplier: ██████████								
A16	62	41,489	0.0					
A60	6	2,634	0.0					
C06/C08	44	59,436	0.0			30	57,758	0.0
G02	24	422,500	1,531.6			9	106,833	471.7
G32	1	283,000	840.0			2	174,800	977.4
G62								
S10	0	870	0.0			0	474	0.0
S14								
Supplier Subtotal	137	809,929	2,371.6			41	339,865	1,449.1

CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Oct-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: ██████████								
A-16	2,904	1,554,815	0.0					
A-60	361	151,427	0.0					
G02	131	2,018,496	7,277.7					
B32								
C-06	330	491,211	0.0					
G32	15	1,938,586	6,524.4					
G62	1	4,122,135	7,605.0					
S-10	0	2,410	0.0					
S14	1	3,558	0.0					
Supplier Subtotal	3,743	10,282,638	21,407.1					
Supplier: ██████████								
A16								
A60								
C06								
G02								
G32								
G62								
S10								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A-16								
A-60								
B32								
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-14								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A-16	7,461	3,573,914	0.0					
A-60	1,032	431,261	0.0					
B32								
C-06/C-08	610	786,993	0.0					
E-30								
G-02	152	2,751,628	9,374.5					
G-32	30	5,139,450	13,620.9					
G6F								
T-06/T-08								
S-10	0	2,594	0.0					
S-5T	2	352	0.0					
S-14	1	180	0.0					
Supplier Subtotal	9,288	12,686,372	22,995.4					
Supplier: ██████████								
A-16	1,453	819,439	0.0					
A-60	143	63,694	0.0					
B32								
C-06/C-08	181	238,297	0.0					
E-30								
G-02	63	1,087,486	3,657.1					
G-32	6	1,463,950	3,776.4					
G6F								
T-06/T-08								
S-10	0	1,959	0.0					
S-14	1	115	0.0					
Supplier Subtotal	1,847	3,674,940	7,433.5					
Supplier: ██████████								
A-16								
A-60								
B32								
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-14								
Supplier Subtotal	0	0	0.0					

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Oct-17

	Complete Billing				Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing				
	# of Customers	kWh	Demand				# of Customers	kWh	Demand		
Supplier: [REDACTED]											
A-16	1,174	602,797	0.0			A-16	23	27,370	0.0		
A-60	134	55,611	0.0			A-60					
B32						B32					
C-06/C-08	197	228,956	0.0			C-06/C-08	190	382,945	0.0		
E-30						E-30					
G-02	83	1,353,223	4,646.4			G-02	126	1,998,446	6,366.3		
G-32	9	918,010	3,219.7			G-32	10	2,409,600	7,436.7		
G6F						G6F	1	7,401,850	16,440.0		
T-06/T-08						T-06/T-08					
S-10	0	4,840	0.0			S-10	0	8,794	0.0		
S-14	2	2,126	0.0			S-14					
Supplier Subtotal	1,599	3,165,563	7,866.1			Supplier Subtotal	350	12,229,005	30,243.0		
Supplier: [REDACTED]						Supplier: [REDACTED]					
A-16	1,204	663,115	0.0			A-16					
A-60	170	71,304	0.0			A-60					
C-06/C-08	141	225,892	0.0			C-06/C-08					
E-30						E-30					
G-02	64	1,140,355	3,901.0			G-02					
G-32	9	1,128,986	4,345.3			G-32					
G6F						G6F					
T-06/T-08						T-06/T-08					
S-10	0	2,428	0.0			S-10					
S-5T	1	115	0.0			S-5T					
S-14						S-14					
Supplier Subtotal	1,589	3,232,195	8,246.3			Supplier Subtotal	0	0	0.0		
Supplier: [REDACTED]						Supplier: [REDACTED]					
A-16	303	132,319	0.0			A-16	1	0	0.0		
A-60	23	9,512	0.0			A-60					
C-06/C-08	103	133,790	0.0			C-06/C-08	16	35,749	0.0		
E-30						E-30					
G-02	34	494,211	1,655.9			G-02	34	873,976	2,919.2		
G-32	8	834,000	2,818.4			G-32	7	762,800	2,238.0		
G6F						G6F					
T-06/T-08						T-06/T-08					
S-10	0	5,693	0.0			S-10	0	1,399	0.0		
S-5T	1	179	0.0			S-5T					
S-14	1	115	0.0			S-14					
Supplier Subtotal	473	1,609,819	4,474.3			Supplier Subtotal	58	1,673,924	5,157.2		
Supplier: [REDACTED]						Supplier: [REDACTED]					
A-16	5,484	2,500,727	0.0			A-16	1	143	0.0		
A-60	859	351,311	0.0			A-60	1	2,862	0.0		
C-06/C-08	466	578,065	0.0			C-06/C-08					
E-30						E-30					
G-02	135	2,176,318	7,456.4			G-02					
G-32	22	3,977,150	11,825.2			G-32					
G6F						G6F					
T-06/T-08						T-06/T-08					
S-10	0	508	0.0			S-10					
S-5T	1	63,828	0.0			S-5T					
S-14						S-14					
Supplier Subtotal	6,967	9,647,907	19,281.6			Supplier Subtotal	2	3,005	0.0		
Supplier: [REDACTED]						Supplier: [REDACTED]					
A-16	2,420	1,361,482	0.0			A-16					
A-60	218	89,677	0.0			A-60	1	-247	0.0		
B32						B32					
C-06/C-08	203	294,872	0.0			C-06/C-08					
E-30						E-30					
G-02	53	811,321	3,044.8			G-02					
G-32	14	2,217,780	6,557.2			G-32					
G6F						G6F					
T-06/T-08						T-06/T-08					
S-10	0	1,750	0.0			S-10					
S-5T	1	179	0.0			S-5T					
S-14	1	288	0.0			S-14					
Supplier Subtotal	2,910	4,777,348	9,602.0			Supplier Subtotal	1	-247	0.0		

CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Oct-17

	Complete Billing				Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing				
	# of Customers	kWh	Demand				# of Customers	kWh	Demand		
Supplier: [REDACTED]											
A-16	89	45,380	0.0			A-16	2	1,157	0.0		
A-60	6	3,407	0.0			A-60					
C-06/C-08	43	60,603	0.0			C-06/C-08	25	122,764	0.0		
E-30						E-30					
G-02	23	345,153	1,239.8			G-02	23	508,746	2,378.9		
G-32	5	363,920	1,268.9			G-32	11	2,207,001	6,153.9		
G6F						G6F					
T-06/T-08						T-06/T-08					
S-10	0	1,975	0.0			S-10					
S-14						S-14					
Supplier Subtotal	166	820,438	2,508.7			Supplier Subtotal	61	2,839,668	8,532.8		
Supplier: [REDACTED]											
A-16	1,432	629,871	0.0			A-16					
A-60	315	119,215	0.0			A-60					
C-06/C-08	130	114,470	0.0			C-06/C-08					
E-30						E-30					
G-02	32	659,200	2,131.0			G-02					
G-32	3	237,940	812.8			G-32					
G6F						G6F					
T-06/T-08						T-06/T-08					
S-10	0	115	0.0			S-10					
S-14						S-14					
Supplier Subtotal	1,912	1,760,811	2,943.8			Supplier Subtotal	0	0	0.0		
Supplier: [REDACTED]											
A-16	23	12,168	0.0			A-16					
A-60	3	1,683	0.0			A-60					
C-06/C-08	6	7,517	0.0			C-06/C-08					
E-30						E-30					
G-02	7	63,846	263.7			G-02					
G-32	1	53,280	332.6			G-32					
G6F						G6F					
T-06/T-08						T-06/T-08					
S-10	0	173	0.0			S-10					
S-14	1	296,008	0.0			S-14					
Supplier Subtotal	41	434,675	596.3			Supplier Subtotal	0	0	0.0		
Supplier: [REDACTED]											
A-16	14	5,964	0.0			A-16					
A-60						A-60					
C-06/C-08	9	15,024	0.0			C-06/C-08	6	7,250	0.0		
E-30						E-30					
G-02	5	95,261	287.7			G-02	25	168,031	585.6		
G-32						G-32	2	207,501	509.6		
G6F						G6F					
T-06/T-08						T-06/T-08					
S-10	0	802	0.0			S-10	0	3,695	0.0		
S-14						S-14					
Supplier Subtotal	28	117,051	287.7			Supplier Subtotal	33	386,477	1,095.2		
Complete Billing Subtotal						Pass-Thru Billing Subtotal					
A-16	44,057	22,722,177	0.0	2,299,614.92	\$0.1012	A-16	128	131,649	0.0		
A-60	5,646	2,357,121	0.0	232,571.63	\$0.0987	A-60	6	6,071	0.0		
B-32	0	0	0.0	0.00	\$0.0000	B-32	1	771,395	9,109.6		
B-62	0	0	0.0	0.00	\$0.0000	B-62	0	0	0.0		
C-06/C-08	5,537	7,826,775	0.0	728,191.34	\$0.0930	C-06/C-08	4,736	4,674,317	0.0		
E-30	0	0	0.0	0.00	\$0.0000	E-30	0	0	0.0		
E-40	0	0	0.0	0.00	\$0.0000	E-40	0	0	0.0		
G-02	2,112	34,802,543	122,682.7	2,989,175.16	\$0.0859	G-02	1,573	28,568,279	93,627.5		
G-32	338	49,253,445	148,672.1	3,872,234.45	\$0.0796	G-32	456	97,212,707	257,840.6		
G-62	2	6,589,626	12,848.8			G-62	8	29,185,435	66,040.0		
R-02	0	0	0.0	0.00	\$0.0000	R-02	0	0	0.0		
T-06/T-08	0	0	0.0	0.00	\$0.0000	T-06/T-08	0	0	0.0		
X-01	0	0	0.0	0.00	\$0.0000	X-01	1	1,899,682	15,712.0		
M-1	0	0	0.0	0.00	\$0.0000	M-1	0	0	0.0		
S-10	0	82,825	0.0	7,737.86	\$0.0934	S-10	0	69,582	0.0		
S-5T	11	143,477	0.0	15,382.61	\$0.1029	S-5T	72	322,109	0.0		
S-14	31	272,281	0.0	32,389.70	\$0.1169	S-14	111	1,324,870	0.0		
Complete Billing Grand Total	57,734	124,056,270	284,203.6	\$10,645,121.27	\$0.0858	Pass-Thru Billing Grand Total	7,092	164,166,096	442,329.7		

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Nov-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing			
	# of Customers	kWh	Demand			# of Customers	kWh	Demand	
Supplier: [REDACTED]									
A-16	65	31,403	0.0			A-16	6	4,018	0.0
A-60	7	2,418	0.0			A-60			
B-32						B-32			
B62						B-62			
C-06/C-08	34	114,677	0.0			C-06/C-08	50	54,302	0.0
G-02	15	180,255	558.5			G-02	78	2,417,852	6,769.0
E-40						E-40			
G-32	5	725,650	2,535.5			G-32	31	4,661,150	13,545.5
G-62	1	2,417,354	3,968.2			G-62	2	12,626,473	22,660.8
S-10	0	185	0.0			S-10	0	5,402	0.0
S-14	1	557	0.0			S-14	6	11,099	0.0
Supplier Subtotal	128	3,472,499	7,062.2			Supplier Subtotal	173	19,780,296	42,975.3
Supplier: [REDACTED]						Supplier: [REDACTED]			
A-16	360	200,017	0.0			A-16			
A60	9	4,578	0.0			A60			
C-06/C-08	55	65,065	0.0			C-06/C-08	151	352,176	0.0
G02	29	378,280	1,814.4			G02	74	1,193,541	3,233.7
G3F/G32	7	665,840	2,263.2			G3F/G32	1	75,200	327.6
G-62						G-62			
S-10						S-10	0	384	0.0
S-14						S-14			
Supplier Subtotal	460	1,313,780	4,077.6			Supplier Subtotal	226	1,621,301	3,561.3
Supplier: [REDACTED]						Supplier: [REDACTED]			
A-16	1,735	934,725	0.0			A-16	6	11,164	0.0
A60	175	75,111	0.0			A60			
B-32	1	443,356	1,100.0			B-32			
B-62						B-62			
C-06/C-08	463	618,204	0.0			C-06/C-08	2544	1,300,442	0.0
G-02	239	3,698,353	13,574.3			G-02	287	6,163,212	16,958.6
G-32	41	6,131,233	19,076.5			G-32	95	23,983,145	61,259.2
E-40						E-40			
G-62						G-62	4	7,423,747	15,608.8
R-02						R-02			
T-06/T-08						T-06/T-08			
S-10	0	12,635	0.0			S-10	0	14,980	0.0
S-6T	3	493,946	0.0			S-6T			
S-14						S-14	5	7,416	0.0
X-01						X-01			
Supplier Subtotal	2,657	12,407,563	33,750.8			Supplier Subtotal	2,941	38,904,106	93,824.6
Supplier: [REDACTED]						Supplier: [REDACTED]			
A-16	347	147,109	0.0			A-16	1	0	0.0
A-60	26	11,203	0.0			A-60			
B-32						B-32			
B62						B-62			
C-06/C-08	108	134,149	0.0			C-06/C-08	25	44,155	0.0
G-02	39	451,988	1,589.3			G-02	45	1,158,998	3,669.0
E-40						E-40			
G-32	9	742,080	2,796.3			G-32	9	1,021,760	2,845.6
T-06/T-08						T-06/T-08			
S-10	0	6,090	0.0			S-10	0	2,065	0.0
S-5T	2	661	0.0			S-5T	1	192	0.0
S-14	1	123	0.0			S-14			
X01						X01			
Supplier Subtotal	532	1,493,403	4,385.6			Supplier Subtotal	81	2,227,170	6,514.6

CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Nov-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: [REDACTED]								
A-16								
A-60								
C-06/C-08								
E40								
G-02								
G-32								
G-62								
T-06/T-08								
S-10								
S-14								
Supplier Subtotal	0	0	0.0			0	0	0.0
Supplier: [REDACTED]								
A-16	6,824	3,221,653	0.0					
A-60	941	401,664	0.0					
B32								
C-06/C-08	664	711,699	0.0					
E-30								
G-02	154	2,211,950	8,070.8					
G-32	34	4,771,459	15,361.1					
G62								
T-06/T-08								
S-10	0	423	0.0					
S-5T	5	75,354	0.0					
S-14	2	1,195	0.0					
Supplier Subtotal	8,624	11,395,397	23,431.9			6	3,448	0.0
Supplier: [REDACTED]								
C-06/C-08								
E-40								
G-02								
G-32								
Supplier Subtotal	0	0	0.0			0	0	0.0
Supplier: [REDACTED]								
A16	6	3,855	0.0					
A-60								
C06	2	1,887	0.0					
G02	2	13,072	71.9					
G32								
S10								
S14								
Supplier Subtotal	10	18,814	71.9			10	476,285	1,167.3
Supplier: [REDACTED]								
A-16								
A60								
B32								
C-06/C-08								
E30								
G-02								
G-32								
G-62								
R-02								
T-06/T-08								
E40								
S-10								
S-14								
Supplier Subtotal	0	0	0.0			0	0	0.0
Supplier: [REDACTED]								
A-16								
A-60								
B32								
C-06/C-08								
E30								
G-02								
G-32								
G-62								
R-02								
T-06/T-08								
E40								
S-10								
S-14								
Supplier Subtotal	0	0	0.0			0	0	0.0

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Nov-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: ██████████								
A-16	410	218,956	0.0					
A-60	45	16,276	0.0					
C-06/C-08	167	405,111	0.0					
E-40								
G-02	74	962,154	3,880.2					
G-32	9	549,820	1,962.8					
R-02								
T06/T08								
S-10	0	6,541	0.0					
S-14	1	4,493	0.0					
Supplier Subtotal	706	2,163,351	5,843.0					
Supplier: ██████████								
E40								
A16	168	163,037	0.0					
A-60	15	6,237	0.0					
B-62								
C-06/C-08	66	55,543	0.0					
G-02	36	600,917	2,186.9					
G32	3	234,300	1,359.9					
G62								
S10	0	1,033	0.0					
S-5T	1	475	0.0					
S14	1	123	0.0					
Supplier Subtotal	290	1,061,665	3,546.8					
Supplier: ██████████								
A-16	59	32,787	0.0					
A60	7	2,446	0.0					
B32								
C06	13	10,096	0.0					
G02	5	127,284	486.0					
G32	1	30,720	127.2					
G62								
S-10	0	809	0.0					
S-14								
Supplier Subtotal	85	204,142	613.2					
Supplier: ██████████								
A-16								
A60								
C06								
G02								
G32								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A16	2	1,896	0.0					
A60	1	217	0.0					
C06	2	4,896	0.0					
G02	1	7,600	40.8					
G32	1	111,000	270.0					
Supplier Subtotal	7	125,609	310.8					
Supplier: ██████████								
A-16								
A60	1	567	0.0					
C-06/C-08	221	717,340	0.0					
E-40								
G-02	6	334,807	685.9					
G-32	2	410,774	1,245.8					
R02								
T06/T08								
S-10	0	437	0.0					
S-14	2	1,345	0.0					
Supplier Subtotal	232	1,465,270	1,931.7					
Supplier: ██████████								
E-40								
A16	14	35,109	0.0					
A-60								
B-62								
C-06/C-08	135	300,584	0.0					
G02	195	3,442,649	8,364.2					
G32	38	13,455,636	31,998.1					
G62	1	1,691,644	5,220.0					
S10	0	5,219	0.0					
S-5T								
S14								
Supplier Subtotal	383	16,930,841	45,582.3					
Supplier: ██████████								
A-16	12	8,457	0.0					
A-60								
B32								
C06	53	69,720	0.0					
G02	11	128,691	428.1					
G32	5	810,350	2,455.2					
G62								
S10	0	294	0.0					
S14								
Supplier Subtotal	81	1,017,512	2,883.3					
Supplier: ██████████								
A-16								
A60								
C06								
G02								
G32								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A16								
A60								
C06	5	4,173	0.0					
G02								
G32	4	1,402,207	4,011.3					
Supplier Subtotal	9	1,406,380	4,011.3					

CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Nov-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: [REDACTED]								
A16	2,088	1,099,854	0.0					
A-60	161	66,533	0.0					
B32								
C06/C08	417	597,288	0.0					
G02	230	3,501,744	12,596.1					
G-32/G-3F	19	2,348,357	7,578.9					
G62-G6F								
S10	0	18,763	0.0					
S-5T	2	857	0.0					
S14	6	162,021	0.0					
Supplier Subtotal	2,923	7,795,417	20,175.0					
Supplier: [REDACTED]								
A-16	1,639	916,656	0.0					
A-60	145	67,679	0.0					
B-32								
C-06/C-08	561	877,642	0.0					
E-30								
G-02	303	4,314,315	16,215.1					
G-32	51	7,151,795	19,832.3					
G62								
T-06/T-08								
S-5T	1	67,595	0.0					
S-10	0	27,946	0.0					
S-14	4	47,167	0.0					
X01								
Supplier Subtotal	2,704	13,470,795	36,047.4					
Supplier: [REDACTED]								
A16	8,161	4,493,930	0.0					
A-60	625	278,342	0.0					
B32								
C06/C08	751	984,249	0.0					
E30								
G02	211	3,229,001	11,936.5					
G-32/G-3F	30	4,125,701	11,884.4					
G62-G6F								
S10	0	4,334	0.0					
S-5T	6	8,160	0.0					
S14								
Supplier Subtotal	9,784	13,123,717	23,820.9					
Supplier: [REDACTED]								
A-16	1	437	0.0					
A-60								
C-06								
G-02								
G3F-G32								
S10								
Supplier Subtotal	1	437	0.0					
Supplier: [REDACTED]								
A16	71	51,909	0.0					
A-60	6	2,945	0.0					
C06/C08	39	53,774	0.0					
G02	24	352,229	1,314.8					
G-32/G-3F	2	224,200	1,045.2					
G62-G6F								
S10	0	930	0.0					
S14								
Supplier Subtotal	142	685,987	2,360.0					
Supplier: [REDACTED]								
A16								
A-60								
C06/C08	31	50,492	0.0					
G02	9	92,666	443.4					
G-32/G-3F	2	149,000	801.9					
G62-G6F								
S10	0	507	0.0					
S14								
Supplier Subtotal	42	292,665	1,245.3					

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Nov-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: [REDACTED]								
A-16	3,393	1,800,604	0.0					
A-60	382	155,621	0.0					
C-06	388	479,905	0.0					
G02	145	2,327,272	8,284.7					
G-32/G-3F	17	2,454,254	7,380.0					
G62-G6F	1	4,346,782	8,152.0					
S-10	0	3,008	0.0					
S-5T	2	8,912	0.0					
S14	1	3,808	0.0					
Supplier Subtotal	4,309	11,580,166	23,816.7					
Supplier: [REDACTED]								
A16	2	1,710	0.0					
A60								
C06	1	788	0.0					
G02								
G32								
G62								
S10								
Supplier Subtotal	3	2,478	0.0					
Supplier: [REDACTED]								
A-16								
A-60								
B32								
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-14								
Supplier Subtotal	0	0	0.0					
Supplier: [REDACTED]								
A-16	8,454	3,925,991	0.0					
A-60	1,053	435,000	0.0					
B32								
C-06/C-08	665	838,303	0.0					
E-30								
G-02	168	2,355,433	8,185.2					
G-32	31	5,597,929	14,413.1					
G6F								
T-06/T-08								
S-10	0	3,603	0.0					
S-5T	3	1,032	0.0					
S-14	1	192	0.0					
Supplier Subtotal	10,375	13,157,483	22,598.3					
Supplier: [REDACTED]								
A-16	1,668	881,434	0.0					
A-60	155	78,721	0.0					
B32								
C-06/C-08	218	233,011	0.0					
E-30								
G-02	66	1,001,866	3,486.6					
G-32	5	544,100	1,630.8					
G6F								
T-06/T-08								
S-10	0	1,954	0.0					
S-5T	1	4,561	0.0					
S-14	1	123	0.0					
Supplier Subtotal	2,114	2,745,770	5,117.4					
Supplier: [REDACTED]								
A-16								
A-60								
B32								
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-5T								
S-14								
Supplier Subtotal	0	0	0.0					

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Nov-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: [REDACTED]								
A-16	1,263	630,073	0.0					
A-60	120	57,584	0.0					
B32								
C-06/C-08	207	258,988	0.0					
E-30								
G-02	88	1,429,304	4,954.7					
G-32	9	1,269,950	5,028.1					
G6F								
T-06/T-08								
S-10	0	5,423	0.0					
S-5T	1	1,309	0.0					
S-14	2	2,274	0.0					
Supplier Subtotal	1,690	3,654,905	9,982.8					
Supplier: [REDACTED]								
A-16	1,342	734,190	0.0					
A-60	152	61,950	0.0					
C-06/C-08	155	183,635	0.0					
E-30								
G-02	66	984,150	3,437.9					
G-32	9	1,269,302	4,467.0					
G6F								
T-06/T-08								
S-10	0	2,595	0.0					
S-5T	1	123	0.0					
S-14								
Supplier Subtotal	1,725	3,235,945	7,904.9					
Supplier: [REDACTED]								
A-16	6	2,508	0.0					
A-60								
C-06/C-08	1	292	0.0					
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-5T								
S-14								
Supplier Subtotal	7	2,800	0.0					
Supplier: [REDACTED]								
A-16	5,698	2,617,893	0.0					
A-60	741	302,786	0.0					
C-06/C-08	468	557,771	0.0					
E-30								
G-02	135	1,954,767	6,995.6					
G-32	23	4,148,795	10,581.5					
G6F								
T-06/T-08								
S-10	0	543	0.0					
S-5T	2	69,628	0.0					
S-14								
Supplier Subtotal	7,067	9,652,183	17,578.1					
Supplier: [REDACTED]								
A-16	2,541	1,397,476	0.0					
A-60	196	82,963	0.0					
C-06/C-08	207	277,675	0.0					
E-30								
G-02	54	754,432	2,821.5					
G-32	15	1,884,960	6,102.4					
G6F								
T-06/T-08								
S-10	0	1,696	0.0					
S-5T	2	1,130	0.0					
S-14	1	308	0.0					
Supplier Subtotal	3,016	4,400,630	8,923.9					
Supplier: [REDACTED]								
A-16								
A-60								
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-5T								
S-14								
Supplier Subtotal	0	0	0.0					
Supplier: [REDACTED]								
A-16								
A-60								
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-5T								
S-14								
Supplier Subtotal	0	0	0.0					
Supplier: [REDACTED]								
A-16	5	1,362	0.0					
A-60								
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-5T								
S-14								
Supplier Subtotal	5	1,362	0.0					
Supplier: [REDACTED]								
A-16	1	265	0.0					
A-60	1	187	0.0					
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-5T								
S-14								
Supplier Subtotal	2	452	0.0					

CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Nov-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh
	# of Customers	kWh	Demand		
Supplier: [REDACTED]					
A-16	90	40,307	0.0		
A-60	7	3,029	0.0		
C-06/C-08	43	56,843	0.0		
E-30					
G-02	24	278,253	1,083.9		
G-32	5	354,080	1,411.8		
G6F					
T-06/T-08					
S-10	0	2,239	0.0		
S-14					
Supplier Subtotal	169	734,751	2,495.7		
Supplier: [REDACTED]					
A-16	1,393	601,171	0.0		
A-60	248	90,876	0.0		
C-06/C-08	128	103,107	0.0		
E-30					
G-02	35	654,603	2,289.8		
G-32	3	235,820	747.8		
G6F					
T-06/T-08					
S-10	0	123	0.0		
S-5T	1	3,041	0.0		
S-14					
Supplier Subtotal	1,808	1,688,741	3,037.6		
Supplier: [REDACTED]					
A-16	34	18,370	0.0		
A-60	3	1,533	0.0		
C-06/C-08	6	4,209	0.0		
E-30					
G-02	8	68,128	306.4		
G-32					
G6F					
T-06/T-08					
S-10	0	308	0.0		
S-14	1	316,772	0.0		
Supplier Subtotal	52	409,320	306.4		
Supplier: [REDACTED]					
A-16	15	6,036	0.0		
A-60					
C-06/C-08	9	13,721	0.0		
E-30					
G-02	5	84,725	252.2		
G-32					
G6F					
T-06/T-08					
S-10	0	858	0.0		
S-14					
Supplier Subtotal	29	105,340	252.2		
Complete Billing Subtotal					
A-16	47,835	24,175,987	0.0	\$2,496,234.65	\$0.1033
A-60	5,200	2,205,712	0.0	\$224,058.66	\$0.1016
B-32	1	443,356	1,100.0		
B-62	0	0	0.0	\$0.00	\$0.0000
C-06/C-08	5,838	7,642,508	0.0	\$729,814.34	\$0.0955
E-30	0	0	0.0	\$0.00	\$0.0000
E-40	0	0	0.0	\$0.00	\$0.0000
G-02	2,156	31,922,075	116,435.1	\$2,776,097.60	\$0.0870
G-32	329	45,571,345	137,855.8	3,569,844.68	\$0.0783
G-62	2	6,764,136	12,120.2		
R-02	0	0	0.0	\$0.00	\$0.0000
T-06/T-08	0	0	0.0	\$0.00	\$0.0000
X-01	0	0	0.0	\$0.00	\$0.0000
M-1	0	0	0.0	\$0.00	\$0.0000
S5T	33	736,784	0.0	59,926.85	\$0.0813
S-10	0	102,029	0.0	9,802.67	\$0.0961
S-14	23	539,156	0.0	\$52,538.87	\$0.0974
Complete Billing Grand Total	61,417	120,103,088	267,511.1	\$10,427,907.94	\$0.0868

	Pass-Thru Billing		
	# of Customers	kWh	Demand
Supplier: [REDACTED]			
A-16	1	602	0.0
A-60			
C-06/C-08	25	126,525	0.0
E-30			
G-02	23	476,304	2,826.2
G-32	12	2,185,142	5,709.2
G6F			
T-06/T-08			
S-10			
S-14			
Supplier Subtotal	61	2,788,573	8,535.4
Supplier: [REDACTED]			
A-16			
A-60			
C-06/C-08			
E-30			
G-02			
G-32			
G6F			
T-06/T-08			
S-10			
S-5T			
S-14			
Supplier Subtotal	0	0	0.0
Supplier: [REDACTED]			
A-16			
A-60			
C-06/C-08			
E-30			
G-02			
G-32			
G6F			
T-06/T-08			
S-10			
S-14			
Supplier Subtotal	0	0	0.0
Supplier: [REDACTED]			
A-16			
A-60			
C-06/C-08	6	5,968	0.0
E-30			
G-02	26	148,625	551.0
G-32	2	185,205	490.6
G6F			
T-06/T-08			
S-10	0	3,951	0.0
S-14			
Supplier Subtotal	34	343,749	1,041.6
Pass-Thru Billing Subtotal			
A-16	142	139,057	0.0
A-60	7	4,280	0.0
B-32	1	1,417,372	8,860.0
B-62	0	0	0.0
C-06/C-08	4,970	5,045,378	0.0
E-30	0	0	0.0
E-40	0	0	0.0
G-02	1,616	28,556,896	92,745.3
G-32	453	88,424,746	238,200.4
G-62	8	29,202,092	57,615.6
R-02	0	0	0.0
T-06/T-08	0	0	0.0
X-01	1	2,080,524	14,160.0
M-1	0	0	0.0
S5T	46	1,386,480	0.0
S-10	0	76,682	0.0
S-14	111	717,424	0.0
Pass-Thru Billing Grand Total	7,355	157,050,931	411,581.3

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Dec-17

	<u>Complete Billing</u>			Generation Revenue \$	Average Revenue \$/kWh	<u>Pass-Thru Billing</u>		
	<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>			<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>
Supplier: [REDACTED]								
A-16	42	25,166	0.0					
A-60	4	1,215	0.0					
B-32								
B62								
C-06/C-08	22	23,539	0.0					
G-02	7	81,089	241.6					
E-40								
G-32	5	667,900	2,467.0					
G-62								
S-10	0	195	0.0					
S-14	1	587	0.0					
Supplier Subtotal	81	799,691	2,708.6					
Supplier: [REDACTED]								
A16	349	234,480	0.0					
A60	9	5,298	0.0					
C06	49	69,870	0.0					
G02	25	279,835	1,082.8					
G3F/G32	7	557,140	2,250.1					
G6F								
S-5T								
S10								
S14								
Supplier Subtotal	439	1,146,623	3,332.9					
Supplier: [REDACTED]								
A-16	1,514	883,232	0.0					
A-60	139	61,007	0.0					
B-32	1	640,529	1,828.0					
B-62								
C-06/C-08	417	668,085	0.0					
G-02	225	4,003,572	12,858.1					
G-32	38	6,119,286	18,096.0					
E-40								
G-62								
R-02								
T-06/T-08								
S-5T	3	153,345	0.0					
S-10	0	10,906	0.0					
S-14								
X-01								
Supplier Subtotal	2,337	12,539,962	32,782.1					
Supplier: [REDACTED]								
A-16	262	106,473	0.0					
A-60	21	8,047	0.0					
B-32								
B62								
C-06/C-08	78	97,222	0.0					
G-02	32	423,592	1,424.2					
E-40								
G-32	3	245,600	750.8					
T-06/T-08								
S-5T								
S-10	0	3,844	0.0					
S-14								
X01								
Supplier Subtotal	396	884,778	2,175.0					
Supplier: [REDACTED]								
A-16								
A-60								
B-32								
B-62								
C-06/C-08	23	27,478	0.0					
G-02	47	1,272,841	3,660.0					
E-40								
G-32	6	572,200	1,513.9					
T-06/T-08								
S-5T	1	201	0.0					
S-10	0	1,388	0.0					
S-14								
X01								
Supplier Subtotal	78	1,874,108	5,173.9					

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Dec-17

	<u>Complete Billing</u>			Generation Revenue \$	Average Revenue \$/kWh	<u>Pass-Thru Billing</u>			
	<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>			<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>	
Supplier: [REDACTED]									
A-16						A-16			
A-60						A-60			
C-06/C-08						C-06/C-08			
E-40						E-40			
G-02						G-02			
G-32/G3F						G-32			
G62						G-62			
T-06/T-08						T-06/T-08			
S-10						S-10			
S-14						S14			
Supplier Subtotal	0	0	0.0			Supplier Subtotal	0	0	0.0
Supplier: [REDACTED]						Supplier: [REDACTED]			
A-16	6,081	3,143,358	0.0			A-16			
A-60	767	363,352	0.0			A-60			
C-06/C-08	587	588,625	0.0			C-06/C-08	1	203	0.0
E-30						E-30			
G-02	142	1,916,525	6,428.5			G-02			
G-32	33	5,304,719	14,811.0			G-32			
G-62						G62			
T-06/T-08						T-06/T-08			
S-5T	5	39,926	0.0			S-5T			
S-10	0	835	0.0			S-10			
S-14	1	1,055	0.0			S-14			
Supplier Subtotal	7,616	11,358,395	21,239.5			Supplier Subtotal	1	203	0.0
Supplier: [REDACTED]						Supplier: [REDACTED]			
C-06/C-08						C-06/C-08			
E-40						E-40			
G-02						G-02			
G-32						G-32			
Supplier Subtotal	0	0	0.0			Supplier Subtotal	0	0	0.0
Supplier: [REDACTED]						Supplier: [REDACTED]			
A16	4	2,976	0.0			A16			
A-60						A-60			
C06	2	1,759	0.0			C06	2	1,512	0.0
G02	2	12,896	67.1			G02	3	56,270	238.4
G-32						G-32	3	379,040	796.0
S10						S10			
S14						S14			
Supplier Subtotal	8	17,631	67.1			Supplier Subtotal	8	436,822	1,034.4
Supplier: [REDACTED]						Supplier: [REDACTED]			
A-16						A-16			
A60						A60			
B-32						B-32			
C-06/C-08						C-06/C-08			
E-40						E-40			
G-02						G-02			
G-32						G-32			
G-62						G-62			
R-02						R-02			
T-06/T-08						T-06/T-08			
E-40						E-40			
S-10						S-10			
S-14						S-14			
Supplier Subtotal	0	0	0.0			Supplier Subtotal	0	0	0.0

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Dec-17

	<u>Complete Billing</u>			Generation Revenue \$	Average Revenue \$/kWh	<u>Pass-Thru Billing</u>			
	<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>			<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>	
Supplier: ██████████									
A-16	636	305,291	0.0			A-16	1	322	0.0
A-60	39	15,232	0.0			A-60			
C-06/C-08	181	490,353	0.0			C-06/C-08	208	643,006	0.0
E-40						E-40			
G-02	74	1,023,190	3,558.3			G-02	5	385,373	659.4
G-32	8	590,600	1,759.3			G-32	3	4,276,122	8,699.9
G-62	1	2,057,540	3,932.9			G-62			
R02						R02			
T06/T08						T06/T08			
S-10	0	7,432	0.0			S-10	0	460	0.0
S-14						S-14	2	1,415	0.0
Supplier Subtotal	939	4,489,638	9,250.5			Supplier Subtotal	219	5,306,698	9,359.3
Supplier: ██████████						Supplier: ██████████			
A-16	165	169,468	0.0			A-16	11	29,646	0.0
A-60	12	5,466	0.0			A-60			
B-62						B-62			
C-06/C-08	69	73,190	0.0			C-06/C-08	133	320,542	0.0
E40						E40			
G-02	33	544,051	1,889.4			G-02	189	2,895,654	6,965.0
G-32	3	196,350	1,272.3			G-32	40	13,265,458	29,926.0
G62						G62	1	1,954,393	5,220.0
S-5T	1	4,929	0.0			S-5T			
S-10	0	1,087	0.0			S-10	0	5,487	0.0
S-14	1	129	0.0			S-14			
Supplier Subtotal	284	994,670	3,161.7			Supplier Subtotal	374	18,471,180	42,111.0
Supplier: ██████████						Supplier: ██████████			
A-16	157	81,880	0.0			A-16	11	8,975	0.0
A-60	22	11,590	0.0			A-60			
B-32						B-32			
C-06/C-08	24	15,520	0.0			C-06/C-08	44	62,910	0.0
G-02	4	162,410	462.9			G-02	10	130,905	385.5
G-32	1	34,880	127.2			G-32	2	256,500	1,097.1
G-62						G-62			
S-10	0	850	0.0			S-10	0	179	0.0
S-14						S-14			
Supplier Subtotal	208	307,130	590.1			Supplier Subtotal	67	459,469	1,482.6
Supplier: ██████████						Supplier: ██████████			
A16						A16			
A60						A60			
C06/C08						C06/C08			
G02						G02			
G32						G32			
Supplier Subtotal	0	0	0.0			Supplier Subtotal	0	0	0.0
Supplier: ██████████						Supplier: ██████████			
A16	2	1,369	0.0			A16			
A60	1	277	0.0			A60			
C06/C08	2	3,112	0.0			C06/C08	5	4,961	0.0
G02	1	7,440	41.6			G02			
G-32/G-3F	1	156,000	270.0			G-32/G-3F	4	1,404,975	4,032.3
Supplier Subtotal	7	168,198	311.6			Supplier Subtotal	9	1,409,936	4,032.3

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Dec-17

	<u>Complete Billing</u>			Generation Revenue \$	Average Revenue \$/kWh	<u>Pass-Thru Billing</u>			
	<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>			<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>	
Supplier: ██████████									
A16	1,755	1,074,441	0.0			A16	7	5,751	0.0
A-60	142	65,599	0.0			A-60			
B32						B32			
C06/C08	337	499,806	0.0			C06/C08	1	8,288	0.0
G02	186	2,866,414	9,967.7			G02			
G-32/G-3F	23	3,032,478	9,473.2			G-32/G-3F			
G6F						G6F			
S-5T	2	608	0.0			S5T			
S-10	0	23,008	0.0			S-10			
S-14	6	173,539	0.0			S-14			
Supplier Subtotal	2,451	7,735,893	19,440.9			Supplier Subtotal	8	14,039	0.0
Supplier: ██████████						Supplier: ██████████			
A-16	1,605	1,015,765	0.0			A-16	48	48,394	0.0
A-60	128	66,398	0.0			A-60			
B32						B32	1	379,145	8,572.0
C-06/C-08	545	872,114	0.0			C-06/C-08	1,468	1,918,725	0.0
E-30						E-30			
G-02	323	4,789,915	16,990.0			G-02	702	10,775,892	38,594.0
G-32	55	8,141,637	22,063.1			G-32	242	38,241,389	105,055.7
G6F						G6F			
T-06/T-08						T-06/T-08			
S-5T	1	71,096	0.0			S-5T	54	1,533,296	0.0
S-10	0	28,714	0.0			S-10	0	33,478	0.0
S-14	7	59,648	0.0			S-14	99	1,234,174	0.0
X01						X01	1	2,049,985	14,104.0
Supplier Subtotal	2,664	15,045,287	39,053.1			Supplier Subtotal	2,615	56,214,478	166,325.7
Supplier: ██████████						Supplier: ██████████			
A-16	7,764	4,854,102	0.0			A-16			
A-60	564	292,875	0.0			A-60			
B32						B32			
C-06/C-08	682	975,347	0.0			C-06/C-08			
E-30						E-30			
G-02	197	2,918,982	10,128.4			G-02			
G-32	28	3,663,794	10,020.5			G-32			
G6F						G6F			
T-06/T-08						T-06/T-08			
S5T	7	5,750	0.0			S5T			
S-10	0	4,606	0.0			S-10			
S-14						S-14			
Supplier Subtotal	9,242	12,715,456	20,148.9			Supplier Subtotal	0	0	0.0
Supplier: ██████████						Supplier: ██████████			
A-16	1	413	0.0			A-16			
A-60						A-60			
C-06						C-06			
G02						G02			
G32/G3F						G32/G3F			
S-10						S-10			
Supplier Subtotal	1	413	0.0			Supplier Subtotal	0	0	0.0
Supplier: ██████████						Supplier: ██████████			
A16	71	58,999	0.0			A16			
A-60	3	1,144	0.0			A-60			
C06/C08	42	57,457	0.0			C06/C08	30	48,571	0.0
G02	21	316,029	1,166.3			G02	9	117,959	439.8
G-32/G-3F	2	197,200	954.0			G-32/G-3F	2	146,200	792.5
G6F						G6F			
S-10	0	3,403	0.0			S-10	0	533	0.0
S-14						S-14			
Supplier Subtotal	139	634,232	2,120.3			Supplier Subtotal	41	313,263	1,232.3

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Dec-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing		
	# of Customers	kWh	Demand			# of Customers	kWh	Demand
Supplier: ██████████								
A-16	3,403	2,044,713	0.0					
A-60	316	144,645	0.0					
C-06	361	603,248	0.0					
G02	133	1,788,451	6,328.3					
G32/G3F	14	1,171,196	4,142.7					
G-62								
S-10	0	3,617	0.0					
S-5T	2	2,750	0.0					
S14	1	4,004	0.0					
Supplier Subtotal	4,230	5,762,624	10,471.0					
Supplier: ██████████								
A16	1	760	0.0					
A60								
C06	1	1,079	0.0					
G02								
G32/G3F								
G62								
S10								
Supplier Subtotal	2	1,839	0.0					
Supplier: ██████████								
A-16								
A-60								
B32								
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-14								
Supplier Subtotal	0	0	0.0					
Supplier: ██████████								
A-16	8,878	4,556,973	0.0					
A-60	1,050	480,468	0.0					
B32								
C-06/C-08	671	864,076	0.0					
E-30								
G-02	159	2,096,930	7,496.2					
G-32	31	4,892,421	13,447.0					
G6F								
T-06/T-08								
S-10	0	2,727	0.0					
S-5T	4	801	0.0					
S-14								
Supplier Subtotal	10,793	12,894,396	20,943.2					
Supplier: ██████████								
A-16	1,572	957,944	0.0					
A-60	140	73,753	0.0					
B32								
C-06/C-08	192	233,029	0.0					
E-30								
G-02	60	1,007,241	3,241.6					
G-32	5	482,900	1,565.1					
G6F								
T-06/T-08								
S-10	0	2,251	0.0					
S-5T	1	1,407	0.0					
S-14	1	129	0.0					
Supplier Subtotal	1,971	2,758,654	4,806.7					
Supplier: ██████████								
A-16								
A-60								
B32								
C-06/C-08								
E-30								
G-02								
G-32								
G6F								
T-06/T-08								
S-10								
S-5T								
S-14								
Supplier Subtotal	0	0	0.0					

CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Dec-17

	<u>Complete Billing</u>			Generation Revenue \$	Average Revenue \$/kWh
	<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>		
Supplier: [REDACTED]					
A-16	1,233	703,386	0.0		
A-60	115	55,477	0.0		
B32					
C-06/C-08	227	284,636	0.0		
E-30					
G-02	98	1,817,127	5,663.5		
G-32	10	1,592,750	5,288.5		
G6F					
T-06/T-08					
S-10	0	7,339	0.0		
S-5T	1	404	0.0		
S-14	2	2,391	0.0		
Supplier Subtotal	1,686	4,463,510	10,952.0		
Supplier: [REDACTED]					
A-16	1,305	754,513	0.0		
A-60	143	69,607	0.0		
C-06/C-08	148	191,755	0.0		
E-30					
G-02	62	950,724	3,077.5		
G-32	9	1,236,484	4,181.3		
G6F					
T-06/T-08					
S-10	0	2,470	0.0		
S-5T	1	129	0.0		
S-14					
Supplier Subtotal	1,668	3,205,682	7,259.8		
Supplier: [REDACTED]					
A-16	1	600	0.0		
A-60	1	1,083	0.0		
C-06/C-08					
E-30					
G-02					
G-32					
G6F					
T-06/T-08					
S-5T					
S-10					
S-14					
Supplier Subtotal	2	1,683	0.0		
Supplier: [REDACTED]					
A-16	4,856	2,496,560	0.0		
A-60	618	274,183	0.0		
B32					
C-06/C-08	423	591,949	0.0		
E-30					
G-02	116	1,826,097	6,055.4		
G-32	18	4,130,676	9,041.2		
G6F					
T-06/T-08					
S-10	0	572	0.0		
S-5T	2	72,242	0.0		
S-14					
Supplier Subtotal	6,033	9,392,279	15,096.6		
Supplier: [REDACTED]					
A-16	2,348	1,437,363	0.0		
A-60	170	82,286	0.0		
C-06/C-08	186	249,511	0.0		
E-30					
G-02	51	797,039	2,844.7		
G-32	14	2,157,920	5,808.4		
G6F					
T-06/T-08					
S-10	0	1,853	0.0		
S-5T	1	1,883	0.0		
S-14	1	324	0.0		
Supplier Subtotal	2,771	4,728,179	8,653.1		

	<u>Pass-Thru Billing</u>		
	<u># of Customers</u>	<u>kWh</u>	<u>Demand</u>
Supplier: [REDACTED]			
A-16	23	28,539	0.0
A-60			
B32			
C-06/C-08	175	337,243	0.0
E-30			
G-02	124	1,810,458	5,707.0
G-32	11	2,341,943	7,235.8
G6F	1	7,288,275	13,332.0
T-06/T-08			
S-10	0	9,892	0.0
S-5T			
S-14			
Supplier Subtotal	334	11,816,350	26,274.8
Supplier: [REDACTED]			
A-16			
A-60			
C-06/C-08			
E-30			
G-02			
G-32			
G6F			
T-06/T-08			
S-10			
S-5T			
S-14			
Supplier Subtotal	0	0	0.0
Supplier: [REDACTED]			
A-16			
A-60			
C-06/C-08	3	5,292	0.0
E-30			
G-02			
G-32			
G6F			
T-06/T-08			
S-5T			
S-10			
S-14			
Supplier Subtotal	3	5,292	0.0
Supplier: [REDACTED]			
A-16			
A-60			
B32			
C-06/C-08			
E-30			
G-02			
G-32			
G6F			
T-06/T-08			
S-10			
S-5T			
S-14			
Supplier Subtotal	0	0	0.0
Supplier: [REDACTED]			
A-16			
A-60			
C-06/C-08			
E-30			
G-02			
G-32			
G6F			
T-06/T-08			
S-10			
S-5T			
S-14			
Supplier Subtotal	0	0	0.0

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CONFIDENTIAL INFORMATION

National Grid
State of Rhode Island Quarterly Report
Open Access Customer Data by Supplier

Dec-17

	Complete Billing			Generation Revenue \$	Average Revenue \$/kWh	Pass-Thru Billing			
	# of Customers	kWh	Demand			# of Customers	kWh	Demand	
Supplier: [REDACTED]									
A-16	164	83,821	0.0			A-16	112	73,428	0.0
A-60	13	6,571	0.0			A-60			
C-06/C-08	66	78,573	0.0			C-06/C-08	57	215,868	0.0
E-30						E-30			
G-02	33	510,951	1,656.8			G-02	52	1,100,231	4,396.4
G-32	4	333,600	1,075.8			G-32	22	4,073,437	16,340.8
G6F						G6F			
T-06/T-08						T-06/T-08			
S-10	0	2,354	0.0			S-10	0	1,069	0.0
S-5T	2	1,143	0.0			S-5T			
S-14	1	21	0.0			S-14			
Supplier Subtotal	283	1,016,834	2,732.6			Supplier Subtotal	243	5,464,033	20,737.2
Supplier: [REDACTED]						Supplier: [REDACTED]			
A-16	1,184	571,166	0.0			A-16			
A-60	180	73,517	0.0			A-60			
C-06/C-08	115	101,744	0.0			C-06/C-08			
E-30						E-30			
G-02	29	525,831	2,360.1			G-02			
G-32	1	115,600	249.8			G-32			
G6F						G6F			
T-06/T-08						T-06/T-08			
S-10						S-10			
S-5T	1	938	0.0			S-5T			
S-14						S-14			
Supplier Subtotal	1,510	1,388,796	2,609.9			Supplier Subtotal	0	0	0.0
Supplier: [REDACTED]						Supplier: [REDACTED]			
A-16	33	19,498	0.0			A-16			
A-60	2	1,437	0.0			A-60			
C-06/C-08	8	9,543	0.0			C-06/C-08			
E-30						E-30			
G-02	9	92,442	340.6			G-02			
G-32						G-32			
G6F						G6F			
T-06/T-08						T-06/T-08			
S-10	0	324	0.0			S-10			
S-14	1	333,086	0.0			S-14			
Supplier Subtotal	53	456,330	340.6			Supplier Subtotal	0	0	0.0
Supplier: [REDACTED]						Supplier: [REDACTED]			
A-16	14	5,231	0.0			A-16			
A-60						A-60			
C-06/C-08	8	13,803	0.0			C-06/C-08	6	4,915	0.0
E-30						E-30			
G-02	4	86,481	238.6			G-02	23	126,606	477.0
G-32						G-32	2	175,529	490.6
G6F						G6F			
T-06/T-08						T-06/T-08			
S-10	0	1,050	0.0			S-10	0	4,155	0.0
S-14						S-14			
Supplier Subtotal	26	106,565	238.6			Supplier Subtotal	31	311,205	967.6
Complete Billing Subtotal						Pass-Thru Billing Subtotal			
A-16	45,400	25,589,741	0.0	\$2,782,306.14	\$0.1087	A-16	226	222,771	0.0
A-60	4,599	2,160,527	0.0	\$233,210.01	\$0.1079	A-60	1	203	0.0
B-32	1	640,528	1,828.0	[REDACTED]	[REDACTED]	B-32	1	379,145	8,572.0
B-62	0	0	0.0	\$0.00	\$0.0000	B-62	0	0	0.0
C-06/C-08	5,443	7,658,945	0.0	\$744,336.95	\$0.0972	C-06/C-08	4,744	5,163,973	0.0
E-30	0	0	0.0	\$0.00	\$0.0000	E-30	0	0	0.0
E-40	0	0	0.0	\$0.00	\$0.0000	E-40	0	0	0.0
G-02	2,026	30,845,254	105,610.2	\$2,771,533.81	\$0.0899	G-02	1,551	26,230,783	82,327.8
G-32	313	45,021,131	129,114.3	\$3,568,487.64	\$0.0793	G-32	450	90,825,215	238,146.3
G-62	1	2,057,540	3,932.9	[REDACTED]	[REDACTED]	G-62	8	27,486,123	54,407.9
R-02	0	0	0.0	\$0.00	\$0.0000	R-02	0	0	0.0
T-06/T-08	0	0	0.0	\$0.00	\$0.0000	T-06/T-08	0	0	0.0
X-01	0	0	0.0	\$0.00	\$0.0000	X-01	1	2,049,985	14,104.0
M-1	0	0	0.0	\$0.00	\$0.0000	M-1	0	0	0.0
S-5T	34	357,351	0.0	\$33,254.00	\$0.0931	S-5T	55	1,533,497	0.0
S-10	0	109,437	0.0	\$11,057.72	\$0.1010	S-10	0	78,478	0.0
S-14	23	574,913	0.0	\$55,950.99	\$0.9973	S-14	111	1,250,693	0.0
Complete Billing Grand Total	57,840	115,015,368	240,485.4	\$10,399,404.16	\$0.0904	Pass-Thru Billing Grand Total	7,148	155,220,866	397,558.0

Division 1-17

Request:

Has the Company considered and studied whether procurement of the baseload (24x7 unvarying) piece of each customer group's load, separate from the above-baseload variable load following piece, could produce lower overall prices? If so, please provide such analysis, and if not, explain why it procures only common load-following tranches of supply.

Response:

The Company has not considered a baseload 24x7 block complemented by Full Requirements Service contracts for all load above that block because the Full Requirements Service contracts are not compatible with 24x7 baseload blocks.

As described in the Company's response to Division 1-14, the structure of the Full Requirements Service contract requires a winning supplier to provide electric supply to a specific percentage of the SOS customer group's load. A supplier that provides 20% of the Residential Group's July load will supply 20% of each hour regardless of the load quantity. The supplier is responsible for the maximum hour, for example 750 MW, and the minimum hour, for example 185 MW.

With a 24x7 baseload block as part of the portfolio, the load percentage above that block will fluctuate hourly because the 24x7 baseload block's percentage of the hour will fluctuate. If the Company had executed a 50 MW 24x7 baseload block in July, that block would be approximately 27% of the minimum hour and approximately 7% of the maximum hour. The supplier in the above example would not be able to provide 20% of the Residential Group's load. In the minimum hour, the supplier would have to provide 14.6% of the Residential Group load $((100\% - 27\%) \times 20\%)$. For the maximum hour, the supplier would have to provide 18.6% of the Residential Group load. These percentages would vary every hour of the six months in the transaction. Because the Full Requirements Service contract is for a specific percentage of the SOS customer group's load, it cannot be used in conjunction with a baseload 24x7 block.

A baseload 24x7 block complemented by Full Requirements Service contracts for all load above that block is also not possible because of the ISO-NE framework for settlement. Each customer group (Residential, Commercial, and Industrial) has its own load asset with the ISO-NE. A load asset represents the loads obligations of load serving entities in the ISO-NE settlement system. Suppliers win percentages of the Company's load obligations and the Company transfers those customers' load obligations to suppliers through load asset ownership shares. In the example above, the Company will transfer 20% of the load asset ownership shares for the Residential Group to the supplier. The ISO-NE will then charge that supplier for 20% of all costs associated

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-17, page 2

with serving load to that load asset. The ISO-NE framework does not allow the load asset ownership shares to change by hour. Also, with a baseload 24x7 block complemented by Full Requirements Service contracts portfolio, no parties will know the specific percentage for a supplier until after the hour had occurred.

Division 1-18

Request:

On page 35, lines 13-14: “A period of ten business days before the opening of the NEPOOL GIS trading period and ten business days after.” Has the Company analyzed whether this 20-day window for measurement of REC market prices is a reliable indicator of REC price averages over the respective quarters? If so, please provide the analysis, and if not, please explain why it believes it is reliable.

Response:

The Company manages two renewable energy certificate (REC) portfolios. One is a supply portfolio that is comprised of RECs from Long-Term Renewable Contracts and the Renewable Energy (RE) Growth Program. The Company manages this portfolio on behalf of all distribution customers. The second is a demand portfolio that the Company manages to satisfy the RE Standard obligations of its Standard Offer Service customers. A fair and transparent transfer price process is required to charge SOS customers for RECs purchased from distribution customers. If possible, the transfer price process should attempt to replicate the prices as if the supply portfolio sold its RECs directly to the market or as if the demand portfolio purchased its RECs directly to the market.

Prior to this response, the Company had not compared the transfer price utilizing 20 day average prices to an entire quarter. Quarter may refer to the quarter of the generation. Quarter may also refer to when the 1st quarter of 2018 RECs would be created in NEPOOL GIS and available for the trading period, which is open from July 15, 2018 through September 15, 2018. The RECs will be delivered on July 15, 2018 when the trading period opens. As approved in Docket No. 4338, the Company utilizes market prices from 10 days before and after the transfer date to establish the transfer price.

Quarter (3-month Generation Period)	GIS Quarterly Trading Period	Transfer Date (when available in GIS)	Time period for gathering price data (approx. 10 days before and after Transfer Date)
1Q18 (Jan – Mar 2018)	July 15 – September 15, 2018	July 15, 2018	July 1-30, 2018

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-18, page 2

Utilizing historical REC pricing from SNL (S&P Global Market Intelligence), the Company compares the 2015, 2016, and 2017 vintage REC prices below.

	Generation Quarter	GIS Trading Period*	20 day Average
2015 Q1	51.06	48.75	48.65
2015 Q2	49.29	48.80	48.73
2015 Q3	48.76		47.11
2015 Q4	48.55		28.41
2016 Q1	44.80	35.62	36.78
2016 Q2	37.50	22.66	26.29
2016 Q3	35.61	18.14	17.50
2016 Q4	23.58	15.10	16.80
2017 Q1	25.81	19.16	24.63
2017 Q2	21.58	11.90	13.62
2017 Q3	19.60	8.77	13.25
2017 Q4	12.19	4.46	5.11

2017 Q4 GIS Trading Period is still open.
2015 Q3 and Q4 prices were not available.

The Company does not believe that the average prices for a generation quarter would be suitable as a transfer price because it does not replicate how the Company would sell the RECs if it did not use them for its SOS customers. The Company would not sell the RECs until after a generation quarter had ended because it would not know the final quantity of RECs available. The Company would likely sell the RECs closer to the opening of the GIS trading period. When the GIS trading period opens, the RECs are created and can be immediately transferred to the counterparty which would result in REC revenue.

Similarly, the Company does not believe that the average prices for a NEPOOL GIS trading period would be suitable as a transfer price because it does not reflect how the Company would sell the RECs if it did not use them for its SOS customers. The Company would not wait until the end of a NEPOOL GIS trading period because that would delay the transfer of RECs, and therefore, the REC revenue. Additionally, waiting until the end of the 4th quarter NEPOOL GIS trading period may result in sales at great discounts if REC supply exceeds the demand. If the RECs are not sold, they would expire worthless at the end of the quarter.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-18, page 3

Prior to the REC supply provided by the Long-Term Renewable Contracts and the RE Growth Program, the Company would issue standalone REC RFPs two or more times per year to meet its RES obligations. The timing of the REC transactions in these RFPs does not align with any of the three averages. The resulting contracts for RECs from these RFPs may have been executed in the year prior to the generation year, in the vintage year itself, or in the subsequent year. For example, the Company may have executed transactions for RECs to satisfy its 2018 RES obligation at any point in 2017, 2018, up to June 15, 2019.

Of all three options, the Company believes the transfer price process established in Docket No. 4338 is the best because it is fair to distribution and SOS customers, is transparent, and results in transfer prices that most resemble the prices as if the supply portfolio sold its RECs directly to the market.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-19

Request:

Please provide the excel files with the formulae and links intact for the following Tables:

- a. Schedule 3A Historical Wholesale Loads
- b. Schedule 3B Forecasted Wholesale Loads

Response:

Please see the Company's response to Division 1-4.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4809
In Re: 2019 Standard Offer Supply Procurement Plan and
2019 Renewable Energy Standard Procurement Plan
Responses to Division's First Set of Data Requests
Issued April 19, 2018

Division 1-20

Request:

Please provide historical 8760 hourly interval data for the most recent year for each customer class or, if unavailable because of a lack of interval metering (e.g. for residential and small commercial customers), the source of and load profiles provided to suppliers for their pricing analysis.

Response:

Please see Attachments DIV 1-20-1 through DIV 1-20-13. National Grid's Meter Data Service department creates these hourly loads and load profiles. These are provided to suppliers on the Company's RFP website: <https://www9.nationalgridus.com/energysupply/data.asp>.

Hourly load data is provided by customer group (Residential, Commercial, and Industrial), supply type (Standard Offer Service and Competitive Supply), initial and reconciled meter reads, and load including and excluding distribution and transmission losses.

The Company was not certain if this request was for the last 8760 or the last calendar year. Therefore, the data provided is from January 2017 through the last month.