SCHEDULE JDW – 1

Default Service RFP

February 1, 2014 through April 30, 2014

Granite State Electric Company d/b/a Liberty Utilities

Request for Power Supply Proposals to Provide Default Service

For the Period:

February 1, 2014 to April 30, 2014

November 8, 2013



REQUEST FOR POWER SUPPLY PROPOSALS

1. Overview

1.1 Background

Legislation and restructuring settlement agreements in New Hampshire¹ provide for competition in the electric utility industry by extending competition in the wholesale power supply markets to retail customers through the provision of retail access to all customers.

In New Hampshire, the Restructuring Settlement provides access to the competitive retail electricity market for all retail electric customers of Granite State Electric Company ("Granite State") as of July 1, 1998 pursuant to the provisions of the New Hampshire Act. The Restructuring Settlement and the New Hampshire Act require Granite State to provide default service ("Default Service") to those customers that are not receiving generation service from a competitive supplier².

1.2 Default Service

The Default Service Settlement Agreement in New Hampshire and the New Hampshire Act require Granite State to provide Default Service to those customers that are not receiving generation service from a competitive energy supplier. In compliance with the Default Service Settlement Agreement, Granite State will procure Default Service by customer group (small customer group and large customer group). For the large customer group, Granite State will procure 100% of their Default Service supply for a three-month period.

Granite State is hereby seeking proposals from qualified power suppliers to supply firm, load-following power to meet its Default Service requirements.

On July 3, 2012, the ownership of Granite State changed from National Grid USA to Liberty Energy Utilities (New Hampshire) Corp. ("Liberty Utilities"). Granite State remains a distinct legal entity, has the same tax identification number and continues to operate its regulated electric utility business in the State of New Hampshire. National Grid USA, pursuant to the terms of a transition service agreement, will provide services

¹ Granite State Electric Company's Second Amended Restructuring Settlement Agreement ("Restructuring Settlement") and RSA 374-F ("New Hampshire Act").

² The New Hampshire Act specifies that Transition Service ends at midnight on April 30, 2006. All Transition Service customers who did not choose a competitive supplier by April 30, 2006 began receiving Default Service on May 1, 2006. A settlement agreement approved by the New Hampshire Public Utilities Commission on January 13, 2006 in Order No. 24,577 provides for the procurement of Default Service commencing May 1, 2006 ("Default Service Settlement Agreement").

to Granite State during this RFP process, including matters covered by the Master Power Agreement.

Granite State intends to use existing Master Power Agreements (and any Amendments) that are currently in place with suppliers.

Granite State, at its sole discretion, reserves the right to issue additional instructions or requests for additional information, to extend the due date, to modify any provision in this Request for Power Supply Proposals ("RFP") or any appendix thereto and to withdraw this RFP.

1.3 Customer Group

For the purposes of this solicitation, the customer group is defined as:

Customer Group	Rate Class
Large Customer Group	G-1 and G-2

2. Description of Services

2.1 Description

Appendix A contains an overview of the services covered by this RFP. The Appendix provides:

- A brief description of Default Service;
- The eligibility requirements for a customer to obtain or leave Default Service.

2.2 Expected Loads

Granite State is unable to predict the potential load requirements of any customer group. Granite State's customers are free to leave Default Service at any time to take service from competitive suppliers. The ability of customers to enroll or return to Default Service is described in Appendix A.

To assist Respondents in determining the potential load requirements, Granite State is able to provide the following information on the Liberty Utilities' Power Procurement Website:

For Default Service:

- Aggregated historical hourly load information for Default Service (since May 1, 2006)
- Class average load shapes at the retail meter point;

- Historical customer counts: the number of active accounts in each rate class as of the last billing day in each month.
- Historical customer counts for customers taking service from a competitive supplier, as of the last billing day in each month, by rate class;
- ICAP tags as of the last day of the month for each load asset.

Please use the following link to access the site:

http://www.libertyutilities.com/nh/electricsupply/index.html

Click on "Data" at the upper right of the screen to access Load data, Customer Count Data, Class Average Load Shapes and ICAP Tags. This site is open to anyone with the above link. No user id or password is required to access the data on the site.

2.3 Load Blocks

Granite State's total Default Service requirements covered by this RFP are broken down into the following 2 load blocks:

Load Block	Customer Group	SMD Load Zone	Load Share	Type of Service	Period
Α	Large	NH	100%	Default Service	2/01/2014 - 4/30/2014

Respondents may not limit the amount of service that may be purchased for a given load block. Proposals that contain limits on the amount of service provided will be rejected³.

The amount of load to be supplied by the winning Supplier will be determined in accordance with the procedure contained in Article 6 of the Master Power Agreement, a copy of which is provided in Appendix B.

2.4 Retail Customer Rates

During the term of service covered by this RFP, Granite State intends, in accordance with the Default Service Settlement Agreement, to establish retail rates for generation service for Default Service customers ("Energy Service Rates"). The Energy Service Rates will reflect Granite State's purchase costs for such service due to commitments made as a result of this RFP. The Default Service Settlement Agreement also requires Granite State to include in its Energy Service Rates a surcharge to account for the administrative costs associated with Default Service. The Energy Service Rates must be approved by the New Hampshire Public Utilities Commission ("NHPUC").

³ For example, a Respondent offering to supply Block A load must agree to supply 100% of the needs of that load block during every month of the Period (for example, 100% of the total load of the Industrial customer group in the Large NH Load Zone). The Respondent may not offer to serve Block A subject to a maximum or minimum level of demand in any hour.

2.5 Effectiveness of Contracts

Any agreement(s) entered into for the delivery of Default Service pursuant to this solicitation will be subject to the approval by the NHPUC of the retail rates prior to the agreement(s) becoming effective. Section 1 of the New Hampshire Master Power Agreement Form of Confirmation addresses the possibility that the NHPUC may not approve the retail rates.

3. General Provisions

3.1 Terms and Conditions

The winning Supplier will be selected to provide Default Service to the customer groups/load block during the term covered by this RFP. Default Service will be provided by such Supplier to Granite State in accordance with the terms and conditions of the Master Power Agreement. A copy of the Master Power Agreement for New Hampshire is provided in Appendix B.

All Respondents must have an updated executed Master Power Agreement prior to the indicative bid date.

The winning Supplier will be required to execute a confirmation within two (2) business days of being notified that it has been selected as the winning Supplier. Under Article 7 of the Master Power Agreement, failure of the winning supplier to deliver Requirements would constitute an event of default under the Master Power Agreement, allowing Granite State to terminate and recover liquidated damages from the Supplier.

3.2 Proposal Process and Submission Dates

The following table outlines the key dates associated with this procurement process.

Process Step	Date
Issue Request for Proposal	November 8, 2013
Submit Respondent Proposal Information	November 22, 2013– 5pm EPT
Submit Indicative Pricing	December 3, 2013–10am EPT
Submit Final Pricing	December 10, 2013–10am EPT
Execute Agreements and Submit solicitation	No later than three business days after
process summary, Agreements and retail	receipt of all executed agreements.
rates to NHPUC	
NHPUC Reviews and Approves Default	No later than five business days after filing
Service Rates	of Default Service Rates
Service Begins	February 1, 2014

One (1) copy of a Respondent's Proposal Information must be submitted by e-mail or mailed to the following address:

Granite State Electric Company c/o Liberty Energy Utilities (New Hampshire) Corp. 11 Northeastern Blvd Salem, NH 03079-1953 603-328-2768 (phone) 603-896-6175 (fax) Attn: John Warshaw john.warshaw@libertyutilities.com

Granite State is conducting the procurement process in three steps. The first step is for Respondents to provide Granite State with their background and financial information by 5:00 p.m. EPT on Friday, November 22, 2013. Upon receipt, Granite State will evaluate each Respondent's qualifications and will notify any Respondent that does not qualify by at least one business day before indicative pricing is due.

Granite State will not evaluate any indicative or final pricing if the Respondent does not have an executed Master Power Agreement. The Master Power Agreement must be executed prior to submitting indicative pricing.

The second step in this process is for Respondents to provide indicative pricing information by 10:00 a.m. EPT on Tuesday, December 3, 2013 at the above address. Granite State will evaluate the indicative pricing as described above, and if required, Granite State may seek clarifications from Respondents.

The third step is for Respondents to provide final pricing information by 10:00 a.m. EPT on Tuesday, December 10, 2013 at the above address. Granite State requests final pricing be valid until **2:00 p.m**. Granite State intends to evaluate the final pricing and select a Supplier that day by that time. Final pricing shall be binding until execution of a confirmation. Respondents should specify the manner in which they will accept a binding acceptance of their offer by Granite State prior to receipt of an executed agreement (letter of intent or e-mail) or they will be deemed to be bound by Granite State's acceptance communicated in any of the preceding manners.

Within three business days of receipt of all executed agreements, Granite State will file with the NHPUC a confidential summary of the solicitation process, the executed agreement(s) and proposed Energy Service Rates.

Consistent with the Default Service Settlement Agreement, the NHPUC will have five business days to either approve the proposed Energy Service Rates or reject them. If the NHPUC denies Granite State's request for approval of the retail rates, the agreement(s) will be void and the parties will have no further obligation under the agreements(s).

At any time, Granite State, at its sole discretion, reserves the right to issue additional instructions or requests for additional information, to extend the due date, to modify any provision in this RFP or any appendix thereto and to withdraw this RFP.

3.3 Contact Person/Questions

All questions regarding this Request for Proposal should be directed to John Warshaw at the address provided in Section 3.2 above.

3.4 Right to Select Supplier

Granite State shall have the exclusive right to select or reject any and/or all of the proposals submitted at any time, for any reason.

4. Service Features

4.1 Commencement Date of Supply

Service from the winning Supplier to Granite State shall begin as of HE 0100 EPT on the date specified in the table found in Section 2.3 – Load Blocks.

Service from Granite State to individual customers, who are taking Default Service in each customer group as of the Commencement Date, if any, will continue with the winning Supplier providing such service to Granite State as of the Commencement Date.

Service from Granite State to individual customers taking Default Service as of the Commencement Date shall begin on the customer's meter reading date following notification/determination that a customer will be commencing Default Service or such other date designated by Granite State consistent with Granite State's Tariff for the Off Cycle Meter Read for Switch of Supplier Provision, Original Page 92, of Granite State's *Tariff for Retail Delivery Service, N.H.P.U.C. No. 18.*

Granite State's procedures provide for customers to be switched from one service option to another (e.g., from Default Service to a competitive supplier, from one competitive supplier to another competitive supplier, from a competitive supplier to Default Service) on their normal cycle meter reading dates. However, there may be circumstances (e.g., default of a competitive supplier) that might require a customer to be switched to Default Service "off-cycle". In such case, the customer will be switched to Default Service on a date designated by Granite State consistent with Granite State's Off Cycle Meter Read for Switch of Supplier Provision, Original Page 92, of Granite State's *Tariff for Retail Delivery Service, N.H.P.U.C. No. 18.*

4.2 Termination Date of Supply

Service from the winning Supplier to Granite State shall terminate at HE 2400 EPT on the dates specified in the table found in Section 2.3 – Load Blocks.

Individual customers taking Default Service from Granite State may terminate the service at any time. Terminations may include, but not be limited to, (i) a customer's taking competitive service from a competitive supplier, (ii) disconnection of service by Granite State in accordance with regulations and procedures approved by the NHPUC, or (iii) closing of a customer's account. Granite State's procedures provide for customers electing to terminate such service to be switched to their successor service on their normal cycle meter reading date following the date that Granite State receives notification of such switch. However, there may be circumstances which might require a customer to be terminated "off-cycle". In such a case, the customer will be terminated from Default Service on a date to be determined by Granite State.

4.3 Delivery Points

The Supplier of Default Service will be responsible for delivering power to the nodes/zones representing the actual locations of the Default Service loads. The Supplier of each of the services will be responsible for any PTF losses allocated by the ISO related to the services. The locations of the Default Service load assets are as follows:

SMD			
Load	Load		Load
Zone	Asset	Load Asset Name	Block
NH	11437	GSECO-DEF SVC LARGE CG LOAD	А

4.4 Form of Service

The Supplier of the Load Block shall be responsible for meeting the specified service requirements for all of Granite State's customers in a specific Load Block. These service requirements include the generation and/or market procurement and delivery to the delivery point(s) of the portion of the electric capacity, energy and ancillary services required to meet the needs of Granite State's ultimate customers taking such service. Granite State will implement the transfer of these responsibilities to the Supplier by updating the asset registration for each of the above Load Assets. Granite State will assign to the Supplier the applicable Ownership Share for each Load Asset. Once a Supplier's obligation terminates, Granite State will terminate the Supplier's Ownership Share of a Load Asset.

The Supplier shall be responsible for all obligations, requirements, and costs associated with the Supplier having the Load Asset Ownership Share which shall include but not be limited to the day-ahead load obligations and real-time load obligations at the nodes/zones of each Load Asset. A more complete description of a Supplier's responsibilities can be found in the Master Power Agreement in Appendix B of this RFP.

The Supplier shall be responsible for all decisions and data submissions associated with any bids into the market system to manage these obligations. The Supplier shall be responsible for all components of any Locational Marginal Prices the Supplier must pay in delivery of the services. These components include, but are not limited to, the dayahead and real-time energy, marginal losses, and congestion charges. As the supplier of such services, the Supplier will be responsible for all present or future requirements and associated costs (to the extent such charges are not imposed on Granite State as a transmission charge by NEPOOL or the ISO) associated with the services and any other requirements, market products, expenses or charges imposed by NEPOOL or the ISO, as they may be in effect from time to time.

The Supplier will also be responsible for all transmission and distribution losses associated with delivery of the electricity from the delivery point to the Default Service customer's meter. A description of the estimation process for determining supplier hourly load can be found in Appendix A of the Master Power Agreement, found in Appendix B of this RFP.

Granite State will make arrangements with the ISO for transmission service over the PTF and non-PTF, from and after the Delivery Point to the Customers' meters. Granite State will be billed by the ISO and the applicable Participating Transmission Owner(s) for these services. Granite State will pay these bills and collect the costs, along with Granite State's distribution costs, from its retail customers through its retail delivery service tariffs. Any other transmission or distribution costs will be the Supplier's responsibility.

4.5 Implementation of the New Hampshire Renewable Portfolio Standards ("NH-RPS")

In 2007 the State of New Hampshire enacted an Electric Renewable Portfolio Standards law ("NH-RPS Law") (RSA 362-F) to foster the development of renewable energy sources to meet New Hampshire's energy needs. The NH-RPS Law requires all retail electricity suppliers to source a minimum portion of their energy needs from a portfolio of renewable energy resources. The NHPUC rules (Chapter PUC 2500) implementing the NH-RPS Law can be found at:

http://www.puc.state.nh.us/Regulatory/Rules/Puc2500.pdf

These rules require Granite State to demonstrate that a portion of its electricity sales are supplied from a mix of renewable energy generation sources. They are:

Class I consists of certain new renewable generators that began operation after January 1, 2006).

Class I Thermal consists of certain new renewable technologies producing useful thermal energy that began operation after January 1, 2013

Class II consists of certain new generators utilizing solar technologies.

Class III consists of existing generators utilizing: 1) biomass technologies with a gross nameplate capacity of 25 MW or less; and 2) methane gas.

Class IV consists of existing qualifying small hydroelectric generators with a

gross nameplate capacity of 5 MW or less.

The renewable requirements as a percent of sales are divided into four separate classes and summarized below:

Year	Class I	Class I Thermal	Class II	Class III	Class IV	Total
2013	3.8	0.0	0.20	1.5	1.3	6.8
2014	5.0	0.4	0.30	7.0	1.4	14.1

Granite State requests Respondents to separately bid the cost of NH-RPS compliance equivalent to 6.8% of sales in 2013 and 14.1% of sales in 2014. Granite State will have the option to select bids that include or exclude the NH-RPS component.

If Granite State accepts bids with the NH-RPS components, Granite State will require the winning Supplier to utilize the NEPOOL Generation Information System ("NEPOOL GIS") to provide NEPOOL GIS Certificates that comply with the requirements of the NH-RPS rules. Respondents may propose alternate methods for demonstrating compliance. In each monthly invoice for a service that includes the NH-RPS component, Granite State will take a credit equal to the product of the NH-RPS obligation and the applicable Alternative Compliance Payment. Once a Supplier delivers the required number of NEPOOL GIS Certificates, the credit will be returned to the Supplier.

5. Proposal Requirements

5.1 Format of Proposal

The information required by Granite State to evaluate each proposal is identified in Appendix C. Respondents may simply complete the forms provided in Appendix C in any legible fashion and return them to John Warshaw as provided in Section 3.2. In addition, proposals should contain explanatory, descriptive and/or supporting materials as necessary.

5.2 Proposed Pricing

Respondents must specify the price at which they will provide Default Service for each Load Block on which they are bidding to serve. Purchases will be made on an "as-delivered" energy basis with prices stated on a fixed \$ per MWh basis. Such prices may vary by calendar month and by customer group, but must be uniform for the entire calendar month and cover the entire term of this Request for Proposals.

Prices which contain demand components, minimum purchase requirements or which vary by time-of-use within a calendar month will be rejected. Prices which exclude one or more market costs (e.g. Capacity, uplift costs, etc.) will be rejected except for the ISO New England Inc.'s Winter 2013-14 Reliability Program approved in FERC Docket ER13-1851 ("Winter Reliability Costs").

Granite State is requesting that bidders not include any costs resulting from the Winter Reliability Costs in the bid for default service. Instead, Granite State will be responsible for Winter Reliability Costs allocated to Real-Time Load Obligation; the winning bidder shall be able to pass through such costs in the applicable monthly invoice. A Supplier will need to provide Granite State with sufficient supporting information, including applicable ISO invoices, as evidence that such pass through costs were incurred as a result of serving Granite State's default service load. Thus a bidder should not include any risk premium or costs for the Winter Reliability Program in their bid.

Granite State intends to pay a Supplier based on the billing determinants as defined in the Master Power Agreement. These billing determinants are the loads as reported to and settled by the ISO, which include transmission and distribution losses, and exclude any PTF losses allocated to the Supplier by the ISO during the settlement. Granite State is seeking the following pricing:

- All-Inclusive Bids: For Load Block A, a price which includes all costs. Should Granite State select this option, (1) suppliers would be responsible for all costs including capacity market charges and (2) Suppliers would not be responsible for supplying the RPS component.
- NH-RPS Compliance: Price, on a separate \$ per MWh basis in 2013, for Supplier to provide the required NH-RPS component for Load Block A. Should Granite State select this option, the NH-RPS Compliance Bid prices would be added to the All-Inclusive Bid price and the Supplier would provide the applicable quantity of NEPOOL GIS Certificates (see Section 4.7).
- 5.3 Terms and Conditions

Service will be provided pursuant to the terms of the Master Power Agreement provided in Appendix B of this RFP.

5.4 New England Market Participation

Each Respondent must indicate whether it has an executed and accepted Market Participant Service Agreement with ISO New England or if it plans to execute an agreement and, if so, at what point it is in the application process and the time frame for completing the process. Respondents must also provide evidence of agreements with a Market Participant if Respondent will have another Market Participant be responsible for its market settlement obligations.

5.5 Competitive Supplier Registration

The service provided by the Supplier of Default Service to Granite State is a wholesale transaction between the Supplier and Granite State; therefore, the Supplier does not have to be licensed or registered suppliers with any state regulatory commission.

5.6 Regulatory Approvals

The Supplier of the services covered by this Request for Proposal must obtain and maintain all necessary regulatory approvals required to enable it to provide the applicable service; such approvals must be obtained prior to February 1, 2014.

6. Retail Customer Relationships

6.1 Customer Billing

All customers taking Default Service covered by this RFP will be retail customers of Granite State. As the retail provider of such service, Granite State will bill customers for the Default Service provided.

6.2 Notification of Enrollments and Terminations

Granite State will provide electronic notification to the Supplier of Default Service customer enrollments and terminations within a customer group. Enrollment information will include account number, rate class and commencement date of service. Termination information will include account number, rate class and termination date of service. Such notifications shall only be provided when a Supplier establishes a Windows or Unix file server with capability of sending and receiving File Transfer Protocol ("FTP"), files with Pretty Good Privacy ("PGP"), Encryption/Decryption, and (ii) verifies its ability to transfer files to and receive files from Granite State at least fourteen (14) days prior to the day on which a Supplier desires to commence electronic receipt.

6.3 Customer Service

Granite State, as the retail provider of Default Service, will provide customer service to all customers receiving Default Service.

7. Selection Process

The principal criteria to be used in evaluating proposals will include:

- Lowest evaluated bid price by Load Block;
- Respondent's ability to meet the credit requirements established in the Master Power Agreement provided in Appendix B;
- Firmness of delivery;
- The supplier's past experience in providing similar services to Granite State;
- The supplier's past experience in providing similar services to other companies in New England;

- The supplier's past experience in providing similar services to other companies in other regions;
- The supplier's demonstrated understanding of its obligations under the Master Power Agreement; and
- Whether there have been any past or are any present events that are known that may adversely affect the supplier's ability to provide the requirements to Granite State's Default Service customers.

Granite State will evaluate the RPS Compliance bids only for the Load Block winning Respondents. Granite State will accept the RPS Compliance bid if it is at or less than the available market prices.

8. Credit Requirements

In order to protect Granite State's Default Service customers from the risk of Supplier default, a winning Supplier must be able to demonstrate it has the financial resources to perform during the term of the agreement. As reflected in the attached Master Power Agreement (Appendix B to this RFP), Granite State will require Supplier to provide some form of security when entering into a Confirmation. The security arrangement will be based on the expected volume of load for the bid block and a mark-to-market margining clause. As forward market prices change, the Supplier will be required to post security for those incremental changes. Additionally, Suppliers that are rated at or below BBB-/Baa3 will be required to post an Independent Amount equal to 10% of the notional value of each Load Block awarded. The Supplier shall provide security in one of the following forms:

- Unsecured line of credit for a rated counterparty
- Parental Guaranty
- Letter of Credit
- Cash deposit with Granite State

Respondents that are rated by a major credit rating agency must provide the ratings assigned by such agencies. Respondents that are not rated by a major credit rating agency must provide the following information to enable Granite State to evaluate a Respondent's financial strength:

- Respondent's organizational history
- Date of establishment
- Initial (if founded within the last ten years) and current capitalization
- Certified financial statements, including balance sheets and statements of income and cash flow with respect to the two previous fiscal years and the most recent interim period
- Forms 10-K and 10-Q, submitted to the United States Securities and Exchange Commission for the two previous fiscal years, if applicable;

- Short-term and long-term debt ratings from Moody's Investor Service or Standard & Poor's Corporation
- Corporate affiliates or joint venture partners including any details regarding financial limitations between partners or affiliates.

If a Respondent has provided this information to Granite State or an affiliate in a response to a previous RFP, then the Respondent needs only to identify the date and to whom the information was submitted and update the previously provided information.

9. General Requirements

Granite State may withdraw and terminate this RFP at any time without any liability. Granite State reserves the right to accept or reject, in whole or in part, any and all proposals. Granite State will not be responsible to any Respondent or any other party for failure to execute a Master Power Agreement or Confirmation.

Granite State shall reject proposals submitted in response to this RFP that are incomplete, or do not conform to the requirements of the RFP, or are submitted beyond the deadline for submission. All proposals submitted by Respondents in response to the RFP will become the exclusive property of Granite State.

If any information provided by the Respondent changes or fails to remain valid, it is the sole responsibility of the Respondent to notify Granite State of such change. Failing to do so may result in disqualification of the Respondent and its proposal for the solicitation.

Respondents shall, at their own cost and expense, defend, indemnify and hold harmless Granite State, its parent, subsidiaries and affiliates and their officers, directors, trustees, employees, shareholders, executors, administrators, successors and assigns against any and all manner of past, present, or future claims, demands, disputes, controversies, complaints, suits, actions proceeding or allegations of any kind which in any manner relate to arise out of, or result from any false statements or misrepresentations, intentional or unintentional, in its proposal, or breach of any covenant by the Respondent set forth herein.

Granite State agrees that it will treat the information it receives from Respondents in a confidential manner and will not, except as required by law or regulatory authority, disclose such information to any third party or use such information for any purpose other than in connection with this RFP.

REDACTED

APPENDIX A

DESCRIPTION OF SERVICES

Granite State Electric Company		
	Default (Energy) Service	
Description	Service provided to retail customers who are not taking service from a competitive energy supplier.	
Eligibility Requirements	 Service to customers is initiated by: a) A customer notifying Granite State that it wishes to terminate service from its competitive energy supplier and commence Default Service. b) A competitive energy supplier notifying Granite State that it is terminating service to a customer. c) A competitive energy supplier ceasing to provide service to a customer without notifying Granite State. d) A customer moves into Granite State's service territory and does not affirmatively choose a competitive energy supplier. 	
Aggregate Number of Customers Taking Service and Historical Load Profiles	Note: Historic customer count data and historical hourly load profiles are available at Liberty Utilities' procurement website under: http://www.libertyutilities.com/nh/electricsupply/index.html	

APPENDIX B

NEW HAMPSHIRE MASTER POWER AGREEMENT

APPENDIX C

REQUIRED PROPOSAL INFORMATION

1. General Information

Name of Respondent	
Principal contact person < Name < Title < Company < Mailing address < Telephone number (office) < Telephone number (cell) < Fax number < E-mail address	
Secondary contact person (if any) < Name < Title < Company < Mailing address < Telephone number (office) < Telephone number (cell) < Fax number < E-mail address	
Legal form of business organization of Respondent (e.g., sole proprietorship, partnership, limited partnership, joint venture, or corporation)	
State(s) of incorporation, residency and organization Indicate whether Respondent is in good standing in all states in which Respondent is authorized to do business and, if not, which states and the reason it is not.	
If Respondent is a partnership, the names of all general and limited partners. If Respondent is a limited liability company, the names of all direct owners.	
Description of Respondent and all affiliated entities and joint ventures transacting business in the energy sector	

2. Financial Information

Current debt rating for Respondent (include ratings and names of rating agencies).	
Date Respondent's last fiscal year ended.	
Total revenue for Respondent for the most recent fiscal year.	
Total net income for Respondent for the most recent fiscal year.	
Total assets for Respondent as of the close of the previous fiscal year.	
Copy of the Respondent's most recent balance sheet, income statement and cash flow statement.	
Copy of the Respondent's most recent audited balance sheet, income statement and cash flow statement.	

3. Defaults and Adverse Situations

Describe, in detail, any situation in which Respondent (either individually or as part of a consortium, joint venture or other group), or an affiliate of Respondent, defaulted or was deemed to be in noncompliance of its contractual obligations to transact business in the energy sector within the past five years including, without limitation, to purchase or deliver energy, capacity or other market products at retail or wholesale, or for the purchase or sale of electricity or natural gas, and including any financing agreements or financing provisions of any agreement.

Explain the situation, its outcome and all other relevant facts associated with the event.

If there was litigation, provide the case caption, index number and court.

Identify the name, title and telephone number of the principal manager of the customer/client who asserted the event of default or noncompliance.

Has Respondent, or any affiliate of	
Respondent, in the last five years, (a)	
consented to the appointment of, or was taken	
in possession by, a receiver, trustee, custodian	
or liquidator of a substantial part of its assets,	
(b) filed a bankruptcy petition in any	
bankruptcy court proceeding, (c) answered,	
consented or sought relief under any	
bankruptcy or similar law or failed to obtain a	
dismissal of an involuntary petition, (d)	
admitted in writing of its inability to pay its	
debts when due, (e) made a general	
assignment for the benefit of creditors, (f) was	
the subject of an involuntary proceeding	
seeking to adjudicate that Party bankrupt or	
insolvent, (g) sought reorganization,	
arrangement, adjustment, or composition of it	
or its debt under any law relating to	
bankruptcy, insolvency or reorganization or	
relief of debtors.	
Describe any facts presently known to	
Respondent that might adversely affect its	
ability to provide the service(s) bid herein as	
provided for in the RFP	

4. NEPOOL AND POWER SUPPLY EXPERIENCE

Is Respondent a member of NEPOOL?	
Does Respondent have an executed and accepted Market Participant Service Agreement with ISO New England?	
Name of Market Participant if Respondent will have another Market Participant be responsible for its market settlement obligations.	
Describe Respondent's experience and record of performance in the areas of power marketing, brokering, sales, and/or contracting, for the last five years within NEPOOL and/or the New England region.	
Provide three references (name, title and contact information) who have contracted with the Respondent for similar load following services within the last 2 years.	

5. CONFLICTS OF INTEREST

Briefly describe any known conflicts of interest between Respondent or an affiliate of Respondent and Granite State, Liberty Utilities or any affiliates of the foregoing.	
Enumerate any litigation, claims or complaints asserted by Respondent or an affiliate of Respondent, against Granite State, Liberty Utilities or an affiliate of any of the foregoing.	
Enumerate any litigation, claims or complaints asserted against Respondent or an affiliate of Respondent by Granite State, Liberty Utilities or an affiliate of any of the foregoing.	

6. SCOPE OF BID AND TERMS OF SALE

Will Respondent execute a contract substantially similar to the Master Power Agreement contained in Appendix B?	
Explain any proposed modifications.	
List all regulatory approvals required before service can commence.	

7. Proposed Pricing

(Respondent required to use bidding spreadsheet included on procurement website)

Request for Power Supply Proposals November 8, 2013 Appendix C 057

SCHEDULE JDW – 2

Default Service Procurement Summary

DEFAULT SERVICE PROCUREMENT SUMMARY FOR GRANITE STATE ELECTRIC COMPANY

FOR THE PERIOD FEBRUARY 2014 – APRIL 2014

1. RFP Issued

Granite State Electric Company ("Granite State") issued its Request for Power Supply Proposals ("RFP") on November 8, 2013 directly to approximately 25 suppliers for the service period February 2014 through April 2014.

The RFP was also distributed to all members of the NEPOOL Markets Committee and posted on Granite State's energy supply website. As a result, the RFP had wide distribution throughout the New England energy supply marketplace.

The procurement was conducted in accordance with applicable New Hampshire rules and regulations including Granite State's Second Amended Restructuring Settlement Agreement ("Restructuring Settlement"), RSA 374-F ("New Hampshire Act") and Granite State Electric Company Post-Transition Service Default Service Proposal Settlement Agreement ("New Hampshire Settlement Agreement") approved by the New Hampshire Public Utilities Commission on January 13, 2006 in Order No. 24,577.

Granite State's RFP requested all-inclusive pricing for:

 100% of the Large Customer Group Default Service requirements for the period November 1, 2013 through January 31, 2014.

A description of this load block is provided in Exhibit 1.

2. Key RFP Dates

- The RFP was issued on November 8, 2013.
- Supplier information was received on November 22, 2013.
- Indicative bids were received on December 3, 2013.
- Final bids were received on December 10, 2013.

3. Contract Submissions

All bidders had previously executed Master Power Agreements with Granite State.

4. Indicative Bids

Indicative bids were received on December 3, 2013 from bidders. The indicative bids were evaluated and ranked (see Exhibits 2 and 3). Indicative pricing was used only to determine

current market prices, to prepare an initial ranking of bids and to identify any bidding anomalies. The retail prices in Exhibit 3 were calculated by adjusting the wholesale prices in Exhibit 2 by the ratio of wholesale purchases to retail deliveries.

The lowest indicative bids for each load block were compared to Granite State's estimate of expected indicative bids. We calculated the expected bid prices by comparing the historical relationship of bid prices to the market components that comprise those bid prices (see Exhibit 4). This method utilizes a detailed on-peak and off-peak calculation and incorporates all bid components: energy, capacity, and ancillary services.

In evaluating the bid prices, Granite State compared the expected bid price for each block, as derived above, to the lowest average indicative bid price for the block.

In addition to evaluating the bid price and ability to meet credit requirements, Granite State also performed a qualitative review of each bidder's ability to provide Default Service during the service period based on the following:

- The bidder's past experience in providing similar services to Granite State or its affiliates;
- The bidder's past experience in providing similar services to other companies in New England;
- The bidder's past experience in providing similar services to other companies in other regions;
- The bidder's demonstrated understanding of the market rules related to the provision of Default Service;
- The bidder's demonstrated understanding of its obligations under the proposed Master Power Agreement; and
- Whether there have been any past or are any present events that are known that may adversely affect the bidder's ability to provide Default Service.

Granite State concluded that all bidders were qualified to provide Default Service and would be capable of providing any required contract security.

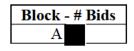
5. Regulatory Communication

As a result of the uncertainty surrounding ISO New England Inc.'s Winter 2013-14 Reliability Program approved by FERC Docket ER13-1851 ("Winter Reliability Costs"), Granite State informed bidders that Granite State would be responsible for Winter Reliability Costs, as approved in the last Default Service filing. The winning bidder would be able to pass through such actual costs to Granite State and not include any risk premium or estimated Winter Reliability Costs in its bids.

6. Final Bids

Final bids were received on December 10, 2013 from **bidders**. The final bids were evaluated and ranked (see Exhibits 5 and 6). The retail prices in Exhibit 6 were calculated by adjusting the wholesale prices in Exhibit 5 by the ratio of wholesale purchases to retail deliveries.

A summary of the number of conforming bids per block is provided in the following table:



7. Analysis and Award

The lowest final bid was compared to Granite State's expected bid. The calculations of these expected prices can been found in Exhibit 7.



Exhibit 8 provides a summary of the winning supplier and the basis for the award. Exhibit 9 provides a bidder key to help identify bidders.

8. New Hampshire Electric Renewable Energy Portfolio Standard

The load covered by this RFP is subject to the following Renewable Portfolio Standard ("RPS") requirement:

RPS Obligations as	
% of Retail Load	2014
RPS Class I	5.0%
RPS Class I Thermal	0.4%
RPS Class II	0.3%
RPS Class III	7.0%
RPS Class IV	1.4%
Total	14.1%

Granite State had also issued a Request for Proposals to Provide NEPOOL-GIS Certificates in Compliance With the New Hampshire Electric Renewable Portfolio Standards ("RECs") on November 8, 2013. Bids were received from bidders on December 9, 2013. While the responses are still under review by Granite State, the prices in the bids were used in developing the current market price of RECS for this RFP. Additionally, none of the default service bidders provided RPS cost adders in their bids.

Exhibit 10 provides an initial analysis of the REC bids received on December 9, 2013. Granite State incorporated the bids when it estimated the costs to comply with the RPS

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 4 of 16 REDACTED

obligations by utilizing the either the REC bid price or applicable ACP as specified in the RPS regulations. Exhibit 11 provides a calculation of the cost adder to include these costs.

9. Retail Rate

The expected retail rates, excluding administrative cost adders, were based on the winning wholesale costs. The retail prices in Exhibit 6 were calculated by adjusting the wholesale prices in Exhibit 5 by the ratio of wholesale purchases to retail deliveries.

A summary of the estimated retail rates is provided in Exhibit 12. The Default Service retail rates were adjusted to include the average cost of RPS certificates that could be purchased in the open market.

EXHIBIT 1 LOAD BLOCK DESCRIPTIONS

Load Block	Customer Group	SMD Load Zone	Load Share	Type of Service	Period
Α	Large	NH	100%	Default Service	2/01/2014 - 4/30/14

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 6 of 16 **REDACTED**

EXHIBIT 2 INDICATIVE BID RANKING AT WHOLESALE

		December			•		Wholesale	Delivery F	oint, Excl	uding cost	of RPS C	ompliance	
		·		H Large Loa	id Obliga ior	IS							
	Mon	nly Weigh ing											
			Feb-14	Mar-14	Apr-14	Average Price	Weighted Average Price	Weighted Avg Price vs. Min	Expected Bid based on Electric Forecast		2014 RPS Adder	Weighted Average Price with RPS	Weighted Average Price with RPS vs Min
		Bidder A											
		Bidder B											
		Bidder C											
		Bidder D											
	Ħ	Bidder E											
	Default	Bidder F											
Block A	ă	Bidder G											
S	Large	Bidder H											
В		Bidder I											
	Ŧ	Bidder J											
	~	Bidder K											
		Bidder L											
		Bidder M											
		Bidder N											
		Bidder O											

EXHIBIT 3 INDICATIVE BID RANKING AT RETAIL <u>WITHOUT RPS (¢/kWh)</u>

Dec	December 3, 2013 Initial Bid Prices (¢ / kWh) at Retail Customer Meter, Excluding RPS Compliance									
	Mon	thly Weighting								
			Feb-14	Mar-14	Apr-14	Average Price	Weighted Average Price	Weighted Avg Price vs. Min		
Block A	NH Large Default	Bidder A Bidder B Bidder C Bidder D Bidder E Bidder F Bidder G Bidder H Bidder I Bidder J Bidder K Bidder L Bidder N Bidder N Bidder O								

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 8 of 16 **REDACTED**

EXHIBIT 4 ESTIMATED INDICATIVE PRICES FORECAST BASED ON NYMEX ELECTRICITY FUTURES <u>FEBRUARY 2014 – APRIL 2014 PERIOD</u>

			Feb-2014	Mar-2014	Apr-2014	Average
(A)	Electric Futures	On-Peak	123.58	65.17	46.03	78.26
(A)	Price (\$/MWh)	Off-Peak	101.50	52.13	36.63	63.42
(B)	Premium Bid Factor	NH Large				
(C)	FCM Price (\$/kw)	Capacity	T			
(D)	Ancillary Price (\$/MWh)	All Zones				
(E)	On-Peak Days #					
(F)	ICAP Load Factor	NH Large				
(G)	Monthly On-Peak Factor	NH Large				
(H)	Expected Bid Price (\$/MWh)	NH Large				
(I)	Expected Retail Price (¢/kWh)	NH ES Large				

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 9 of 16 **REDACTED**

EXHIBIT 5 FINAL BID RANKING AT WHOLESALE

		De	ecember 1	0, 2013 F	inal Bid Pr	ices (\$ / N	/Wh) at Wholesa	le Delivery	Point, Ex	cluding co	st of RPS	Compliand	e	
			100 % of N	H Large Loa	d Obligation	S								
	Month	nly Weighting												
			Feb-14	Mar-14	Apr-14	Average Price	Weighted Average Price	Weighted Avg Price vs. Min		Electric		2014 RPS Adder	Weighted Average Price with RPS	Weighted Average Price with RPS vs Min
		Bidder A												
		Bidder B												
		Bidder C												
		Bidder D												
	ŧ	Bidder E												
	Default	Bidder F												
A	ă	Bidder G												
Block		Bidder H												
a	9	Bidder I												
	Ŧ	Bidder J												
	-	Bidder K												
		Bidder L												
		Bidder M												
		Bidder N												
		Bidder O												

EXHIBIT 6 FINAL BID RANKING AT RETAIL <u>WITHOUT RPS (¢/kWh)</u>

Dec	embe	er 10, 2013	Final Bid Price		December 10, 2013 Final Bid Prices (¢ / kWh) at Retail Customer Meter, Excluding RPS Compliance									
			100 % of NH La											
_	Mon	thu Waightin			auons									
	WOT	thly Weightin	Feb-14	Mar-14	Apr-14	Average Price	Weighted Average Price	Weighted Avg Price vs. Min						
		Bidder A												
		Bidder B												
		Bidder C												
		Bidder D												
		Bidder E												
	ault	Bidder F												
Block A	NH Large Default	Bidder G												
00	arge	Bidder H												
Ξ	Ц Т	Bidder I												
	z	Bidder J												
		Bidder K												
		Bidder L Bidder M												
		Bidder M Bidder N												
		Bidder N Bidder O												
		Didder O												
Notes														
1)	<u>.</u>													
.,						· · · · · · · · · · · · · · · · · · ·								
NH La	arge D	Default Service												

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 11 of 16 **REDACTED**

EXHIBIT 7 ESTIMATED FINAL PRICES FORECAST BASED ON NYMEX ELECTRICITY FUTURES FEBRUARY 2014 – APRIL 2014 PERIOD

			Feb-2014	Mar-2014	Apr-2014	Average
(A)	Electric Futures	On-Peak	125.35	67.50	47.00	79.95
(A)	Price (\$/MWh)	Off-Peak	103.28	52.25	36.63	64.05
(B)	Premium Bid Factor	NH Large				
(C)	FCM Price (\$/kw)	Capacity				
(D)	Ancillary Price (\$/MWh)	All Zones				
(E)	On-Peak Days #					
(F)	ICAP Load Factor	NH Large				
(G)	Monthly On-Peak Factor	NH Large				
(H)	Expected Bid Price (\$/MWh)	NH Large				
(I)	Expected Retail Price (¢/kWh)	NH ES Large				

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 12 of 16 **REDACTED**

EXHIBIT 8 SUMMARY OF LOAD BLOCK AWARDS

Load Block	Customer Group	SM Load Zone	Supplier	Basis for Award
Α	Large	NH	Dominion Energy Marketing, Inc.	Lowest bidder for block

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 13 of 16 **REDACTED**

EXHIBIT 9 BIDDER KEY

Bidder	Name
Bidder A	
Bidder B	
Bidder C	
Bidder D	
Bidder E	
Bidder F	
Bidder G	
Bidder H	
Bidder I	
Bidder J	
Bidder K	
Bidder L	
Bidder M	
Bidder N	
Bidder O	
Bidder P	

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 14 of 16 **REDACTED**

EXHIBIT 10 SUMMARY OF RPS REC BIDS

	Granite State Electric Company Analysis of Bids Received										
	Year		Class I Thermal	Class II		Class IV					
RECS Required:				1,000	8,000	7,000					
RECS Required:	2014	9,000	700	500	13,000	2,000					
ACP	2013	55.00	n/a	55.00	31.50	26.50]				
ACP			25.24	55.54	32.11	27.02					
Market											
Market	2014										
						Delivery					
Bid Recommentation	Respondent	Vintage	Class	Price	Quantity	-	Comments	Total Cost			
Bid Recommentation	Respondent	Vintage	Class	Price	Quantity	-	Comments	Total Cost			
Bid Recommentation	Respondent	Vintage	Class	Price	Quantity	-	Comments	Total Cost			
Bid Recommentation	Respondent	Vintage	Class	Price	Quantity	-	Comments	Total Cost			
Bid Recommentation	Respondent	Vintage	Class	Price	Quantity	-	Comments	Total Cost			
Bid Recommentation	Respondent	Vintage	Class	Price	Quantity	-	Comments	Total Cost			

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 15 of 16 **REDACTED**

EXHIBIT 11 RPS COST ADDER CALCULATION

		YE.	
		2014 ACP	2014 Market
	Section 1A: Calculation of Class I Renewable Energy Resource Charge		market
(1)	Class I Alternative Compliance Payment or Market Price	\$55.54	
(1)		\$00.04	
(2)	Class I Renewable Energy Resource Obligation	5.00%	5.00%
(3)	Incremental Cost - \$/MWh	\$2.78	
	Section 1B: Calculation of Class I Thermal Energy Resource Charge		
(1)	Class I Alternative Compliance Payment or Market Price	\$25.24	
(2)	Class I Renewable Energy Resource Obligation	0.40%	0.40%
(2)	Incremental Cost - \$/MWh	\$0.10	
(3)		φ0.10	
	Section 2: Calculation of Class II Renewable Energy Resource Charge		
(1)	Class II Alternative Compliance Payment or Market Price	\$55.54	
(2)	Class II Renewable Energy Resource Obligation	0.30%	0.30%
(3)	Incremental Cost - \$/MWh	\$0.17	
. ,			
	Section 3: Calculation of Class III Renewable Energy Resource Charge		
(1)	Class III Alternative Compliance Payment or Market Price	\$32.11	
(2)	Class III Renewable Energy Resource Obligation	7.00%	7.00%
(3)	Incremental Cost - \$/MWh	\$2.25	
	Section 4: Calculation of Class IV Renewable Energy Resource Charge		
(1)	Class IV Alterna ive Compliance Payment or Market Price	\$27.02	
(2)	Class IV Renewable Energy Resource Obliga ion	1.40%	1,40%
(3)	Incremental Cost - \$/MWh	\$0.38	
	Section 5: Calculation of Renewable Portfolio Standard Adder		
(4)	Sum of Class I, II, III and Class IV Incremental Costs - \$/MWh	\$5.68	
(5)	Renewable Portfolio Standard Adder to be included in Retail Rates - \$/kWh	\$ 0.00568	\$ 0.00553
(6)	Total RPS Obligation %	14.10%	14.10%
(7)	Obligation Weighted cost	\$40.28	
	Image: state Image: state<		
<u>Not</u> (1)			
(2)	From 362-F:3 of NH RPS legislation		
	Line (1) times Line (2)		
	Sum of all Line (3)s Line (4) divided by 1,000 to convert from \$/MWh to \$/kWh.		
	Sum of all Line (2)s		
7)	Line (4) divided by Line (6)		

REDACTED Docket DE 13-018 Testimony and Schedules of John. D. Warshaw Schedule JDW-2 Page 16 of 16 **REDACTED**

EXHIBIT 12 RETAIL RATES BASED ON FINAL BID PRICES

Lowest Final Bids										
December 10, 2013 Final Bid Prices (\$ / MWh) at Wholesale										
Delivery Point, Excluding cost of RPS Compliance										
100 % of NH Large Load Obligations										
Feb-14	Mar-14	Apr-14	Price							
2013 Final	Bid Prices	(¢ / kWh) a	at Retail							
r Meter, In	cluding RPS	S Complian	се							
ad Obligation	S		Average							
Feb-14	Mar-14	Apr-14	Price							
16.040	8.724	6.773	10.512							
Weighted Average Price										
	13 Final Bio nt, Excludin Feb-14 2013 Final r Meter, In- ad Obligation Feb-14	13 Final Bid Prices (\$ nt, Excluding cost of F ad Obligations Feb-14 Mar-14 2013 Final Bid Prices r Meter, Including RPS ad Obligations Feb-14 Mar-14	13 Final Bid Prices (\$ / MWh) at nt, Excluding cost of RPS Compliand Obligations Feb-14 Mar-14 Apr-14 2013 Final Bid Prices (¢ / kWh) at nter, Including RPS Compliant ad Obligations Feb-14 Mar-14							

SCHEDULE JDW – 3

Comparison of Change in Futures Prices to

Change in Procurement Costs

THIS PAGE LEFT INTENTIONALLY BLANK

Granite State Electric Company

Comparison of Change in Futures Prices to Change in Procurement Costs

		2013						2014				
		Feb	Mar	Apr	Average	Hourly Weighted Average	Feb	Mar	Apr	Average	Hourly Weighted Average	Percent Change (2013 to 2014)
Electric Futures Price December 11,	On-Peak	74.63	56.05	45.88	58.85	51.01						
2012 (\$/MWh)	Off-Peak	57.88	44.25	33.84	45.32	51.01						
Electric Futures Price December 10,	On-Peak						125.35	67.50	47.00	79.95	70.73	38.7%
2013 (\$/MWh)	Off-Peak						103.28	52.25	36.63	64.05	10.15	30.770
NYMEX Natural Gas December 11, 2012 (3.487	3.493	3.515	3.498							
NYMEX Natural Gas December 10, 2013 (4.225	4.203	4.125	4.184		19.6%
Final Large Custome Purchase Price 12/1 (¢/kWh)	-	8.405	6.574	5.634	6.871							
Final Large Custom Purchase Price 12/1 (¢/kWh)	-						15.332	8.258	6.306	9.965		45.0%

Notes:

1) Hourly weighted average = 42% On Peak + 58% Off-Peak prices

2) Final Purchase Price at retail.

THIS PAGE LEFT INTENTIONALLY BLANK

SCHEDULE JDW – 4

Default Service Contract for the Large Customer Group

February 1, 2014 through April 30, 2014

THIS PAGE LEFT INTENTIONALLY BLANK

EXECUTION COPY

MASTER POWER AGREEMENT TRANSACTION CONFIRMATION

This Confirmation shall confirm the Transaction agreed to on, and effective as of **December 11, 2013**, between **GRANITE STATE ELECTRIC COMPANY** ("Granite" or "Buyer"), a New Hampshire corporation and **DOMINION ENERGY MARKETING**, **INC.** a Delaware corporation ("Seller"), regarding the sale/purchase of Default Service specified herein under the terms and conditions under the Master Power Agreement, dated March 7, 2008 (the "Master Power Agreement") between Buyer and Seller, as specified and modified herein. Terms used but not defined herein shall have the meanings ascribed to them in the Master Power Agreement.

1. Confirmation Effective Date; Condition Precedent; Filing Obligation; Term

This Confirmation shall be binding on the Parties upon execution by both Parties (such date the "Confirmation Effective Date"). Promptly after execution by both Parties, Buyer shall submit the Default Service retail rates to the NHPUC for its approval. The Parties performance of Sections 3.2 through 6.4 of the Master Power Agreement are subject to the occurrence, on or before the fifth Business Day after (but not including) the Buyer's submission of the Default Service retail rates to the NHPUC (the "Fifth Day"), for the approval by the NHPUC. If the NHPUC does not issue a decision approving Buyer's request to approve the Default Service retail rates as filed on or before the Fifth Day (a "NHPUC Denial"), then this Confirmation shall be null and void and of no further force and effect, and neither Party shall have any obligation whatsoever to the other Party, and such a voiding of the Confirmation and the NHPUC Denial shall not be a default or constitute an Event of Default by either Party; provided, however, that neither Party shall undertake any action with the NHPUC or otherwise in opposition of approval by the NHPUC of the Master Power Agreement or the Confirmation as executed.

2. Default Service Requirements Matrix

A	Award	Customer		Load	Commencement	
]	Block	Group	Load Zone	Responsibility	Date	Conclusion Date
	Α	Large	NH	100%	02/01/2014	04/30/2014

3. Contract Rate - \$/MWh

Award Block	Customer Group	Load Zone	February 2014	March 2014	April 2014	
А	Large	NH				

4. Load Asset Designation within the ISO Settlement Market System

Awa Bloc		Load Zone	Load Asset Number	Load Asset Name
Α	Large	NH	11437	GSECO-DEF SVC LARGE CG LOAD

5. Renewable Portfolio Requirement

Renewal Portfolio Requirement shall mean, for each calendar month during the term of this transaction, zero.

6. Amount Payable

The amount payable by the Buyer to Seller in a month shall be:

- i) The product of (a) the Delivered Energy for Default Service to the Large Customer Group and (b) Large Customer Group Contract Rate in the month, plus
- Costs incurred by Seller resulting from the ISO New England Inc.'s Winter 2013-14 Reliability Program as approved in FERC Docket ER13-1851 provided such costs are the result of serving Granite State's Default Service Large Customer Group during the term of this Transaction.

7. Modifications to the Master Power Agreement

None.

8. Security

8.1 Calculation of Exposure

Exposure shall be calculated in accordance with Paragraph 3 of the CSA, subject to the conditions and definitions below.

<u>Seller's Independent Amount</u> means the amount set forth below, and is required through the date listed in the table:

Award	Customer	Load	Amount of	Posting Required
Block	Group	Zone	Guaranty (USD)	Through
Α	Large	NH		

Expected Daily Load means the average daily load based upon two years of available actual loads for a given month, as specified in the following table:

Award	Customer	Load	February	March	April
Block	Group	Zone	2014	2014	2014
Α	Large	NH	500	500	480

Adjustment Factor is 0.85.

<u>Reference New England Internal Hub Price</u> means the prices as specified in the following table:

ISO New England Internal Hub Price	February 2014	March 2014	April 2014
Off-Peak	103.28	52.25	36.63
Peak	125.35	67.50	47.00

Reference New England Internal Hub Price**	113.79	59.13	41.70
---	--------	-------	-------

**The Reference New England Internal Hub price shall be calculated as ((Peak Price x number of Peak Hours in the Month) + (Off-Peak Price x number of Off-Peak Hours in the Month))/(Total Hours in the Month)), as applicable.

8.2 Delivery of Collateral

Within five (5) Business Days after the execution of this Confirmation, Seller shall provide Collateral in accordance with Paragraph 3(a) of the Credit Support Annex of the Master Power Agreement, and in any of the forms specified in Paragraph 6 of the Credit Support Annex of the Master Power Agreement.

9. Confidentiality

Article 3 of this Confirmation is Confidential Terms within the meaning of Article 23 of the Master Power Agreement and shall be subject to confidential treatment until such time such information is published by the Federal Energy Regulatory Commission. Notwithstanding the foregoing, it is understood and agreed that National Grid USA, pursuant to the terms of a transition service agreement, will provide services to Granite including matters covered by the Master Power Agreement. Seller agrees that Confidential Terms may be disclosed to National Grid USA solely for purposes of providing these transition services to Granite.

10. Ratification of the Terms and Conditions of the Agreement

(a) Except as expressly amended or waived by this Confirmation, the terms, conditions, covenants, agreements, warranties and representations contained in the Master Power Agreement are in all respects ratified, confirmed and remade as of the date hereof and, except as amended or waived hereby, shall continue in full force and effect.

(b) Nothing in this Confirmation shall, or shall be construed to, alter or amend any other Confirmation.

11. Counterparts

This Confirmation may be executed in counterparts, all of which together shall constitute one and the same instrument.

This Confirmation constitutes part of and is subject to the terms and provisions of such Master Power Agreement.

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the Parties have caused their duly authorized representatives to execute this Confirmation on their behalf as of the date first above written.

GRANITE STATE ELECTRIC COMPANY

Name: <u>David Bronicheski</u> Title: <u>Chief Financial Officer</u>

DOMINION ENERGY MARKETING, INC.

205

Name: Murray L. Howard Title: Senior Market Originator IN WITNESS WHEREOF, the Parties have caused their duly authorized representatives to execute this Confirmation on their behalf as of the date first above written.

GRANITE STAFE ELECTRIC COMPANY

David Bromichooki _____

Nam : <u>David Bronicheski</u> Title: <u>Chief Fina</u> cial Officer

DOMINION ENERGY MARKETING, INC.

Nam : <u>Murray L. Howard</u> Title: <u>Senior Ma ket Originator</u>

THIS PAGE LEFT INTENTIONALLY BLANK

SCHEDULE JDW – 5

Summary of Large Customer Group

Proposed Default Service Rates

THIS PAGE LEFT INTENTIONALLY BLANK

Summary of Proposed Default Service Rates

Granite State Electric Company d/b/a Liberty Utilities Docket No. DE 13-018 Revised Schedule JDW-5 Page 1 of 2

REDACTED

	Medium and Large C&I		
	February	March	<u>April</u>
(1) Wholesale Loads (kWh)			
(2) Retail Loads (kWh)			
(3) Loss Factor			
(4) Wholesale Contract Price (\$/MWh)			
(5) Base Default Service Rate (\$/kWh)	\$0.15332	\$0.08257	\$0.06306
(6) 2014 Default Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00087	\$0.00087	\$0.00087
(7) 2014 Default Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00039	\$0.00039	\$0.00039
(8) RGGI Auction Excess Revenue Adjustment Factor (\$/kWh)	(\$0.00212)	(\$0.00212)	(\$0.00212)
(9) Winter 2013-14 Reliability Program Factor (\$/kWh)	\$0.00241	\$0.00000	\$0.00000
(10) Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00553</u>	<u>\$0.00553</u>	<u>\$0.00553</u>
(11) Total Default Service Rate (\$/kWh)	\$0.16040	\$0.08724	\$0.06773

- (1) Wholesale loads for the 12 month period ending November 2013
- (2) Retail loads for the 12 month period ending November 2013
- (3) Line (1) ÷ Line (2), rounded to five decimal places
- (4) Wholesale Contractor Price
- (5) Line (3) x Line (4) / 1000, truncated to five decimal places
- (6) Approved March 22, 2013, in Order 25,476 in DE 13-018
- (7) Approved March 22, 2013, in Order 25,476 in DE 13-018
- (8) Approved March 18, 2013, in Order 25,471 in DE 12-362
- (9) Approved in the last Default Service Hearing, October 21, 2013, in Order 25,373 in DE 13-018

(10) Schedule JDW-2 Page 15

Large Customer Group Rates G-1 and G-2 Illustrative Weighted Average Default Service Rates For Comparison Purposes Only February 2014 - April 2014	Granite	e State Electric C		Liberty Utilities No. DE 13-018 chedule JDW-5 Page 2 of 2
				REDACTED
Section 1: Percentage of Medium and Large C&I kWhs Attributable to Default Service				
(1) November 2013 Medium and Large C&I Default Service kWhs	12,459,769			
(2) November 2013 Total Medium and Large C&I kWhs	40,183,999			
(3) Percentage of Medium and Large C&I Default Service kWhs to Total Medium and Large C&I kWhs	31.01%			
Section 2: Projected Medium and Large C&I Default Service kWhs, February 2014 - April 2014				
	<u>February</u> (a)	<u>March</u> (b)	<u>April</u> (c)	<u>Total</u> (d)
(4) Projected Total Company Medium and Large kWhs	40,987,789	44,259,181	38,756,295	124,003,265
(5) Percentage of Medium and Large C&I Default Service kWhs to Total Medium and Large C&I kWhs	<u>31.01%</u>	<u>31.01%</u>	<u>31.01%</u>	
(6) Projected Medium and Large C&I Default Service kWhs	12,708,999	13,723,352	12,017,084	38,449,435
Section 3: Medium and Large C&I Default Service Load Weighting for February 2014 - April 2014				
(7) Projected Medium and Large C&I Default Service kWhs	12,708,999	13,723,352	12,017,084	38,449,435
(8) Wholesale Loads (kWh)				
(9) Retail Loads (kWh)				
(10) Loss Factor				
(11) Wholesale Contract Price (\$/MWh)				
 Base Default Service Rate (\$/kWh) 2014 Default Service Reconciliation Adjustment Factor (\$/kWh) 2014 Default Service Cost Reclassification Adjustment Factor (\$/kWh) RGGI Auction Excess Revenue Adjustment Factor (\$/kWh) Winter 2013-14 Reliability Program Factor (\$/kWh) Renewable Portfolio Standard Adder (\$/kWh) Total Estimated Medium and Large C&I Default Service Price per kWh 	\$0.15332 \$0.00087 \$0.00039 (\$0.00212) \$0.00241 <u>\$0.00553</u> \$0.16040	\$0.08257 \$0.00087 \$0.00039 (\$0.00212) \$0.00000 <u>\$0.00553</u> \$0.08724	\$0.06306 \$0.00087 \$0.00039 (\$0.00212) \$0.00000 <u>\$0.00553</u> \$0.06773	
(19) Projected Medium and Large C&I Base Default Service Cost, February 2014 - April 2014	<u>\$ 1,948,544</u>	<u>\$ 1,133,137</u>	<u>\$ 757,797</u>	<u>\$ 3,839,478</u>
(20) Weighted Average Medium and Large C&I Base Default Service Charge for February 2014 - April 2014				\$ 0.09985
(21) Projected Medium and Large C&I Default Service Cost, February 2014 - April 2014	<u>\$ 2,038,523</u>	<u>\$ 1,197,225</u>	<u>\$ 813,917</u>	<u>\$ 4,049,666</u>
(23) Weighted Average Medium and Large C&I Default Service Charge for February 2014 - April 2014				\$ 0.10532
 Per Monthly CR97987A Default Service Revenue Reports (Rates G-1 and G-2) Per Monthly CR97992A Total Revenue Reports (Rates G-1 and G-2) Line (1) ÷ Line (2) Per Company forecast for medium and large C&I rates (Rates G-1 and G-2) Line (3) Line (4) x Line (5) Line (6) Wholesale loads for the 12 month period ending November 2013 Line (8) ÷ Line (9), rounded to five decimal places Line (10) x Line (11) / 1000, truncated to five decimal places Wholesale Contractor Price Line (10) x Line (11) / 1000, truncated to five decimal places Approved March 22, 2013, in Order 25,476 in DE 13-018 Approved March 18, 2013, in Order 25,477 in DE 12-362 Approved March 18, 2013, in Order 25,471 in DE 12-362 Approved In the last Default Service Hearing, October 21, 2013, in Order 25,373 in DE 13-018 Schedule JDW-2 Page 15 Line (12) + Line (13) + Line (14) + Line (15) + Line (16) + Line (17) Line (19) total + Line (7) total, truncated after 5 decimal places Line (7) x Line (18) 				

SCHEDULE JDW – 6

Typical Bill Impacts

THIS PAGE LEFT INTENTIONALLY BLANK

Granite State Electric Company d/b/a Liberty Utilities Proposed November 1, 2013 Rates Calculation of Illustrative Monthly Typical Bill Impact on Rate G-1 Default Service Customers

kWh Split

Granite State Electric Company d/b/a Liberty Utilities Docket No. DE 13-018 Revised Schedule JDW-6 Page 1 of 7

	Off-Peak	40 000/								
		40.00%	/	(1)	/	/	(2)	/	(1) vs (2	.)
				Present Rates			Proposed Rates		Overal	J
vonthly	On-Peak	Off-Peak		Default	Retail		Default	Retail	Increase (Dec	rease)
kWh	kWh	kWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
50.000	20.000	20.000	67 405 00	¢4 502 50	ća (02 F0	ć7.000.50	¢5 266 00	ća (02 F0	¢(72 F0	0.40/
50,000	30,000	20,000	\$7,195.09	\$4,592.50	\$2,602.59	\$7,868.59	\$5,266.00	\$2,602.59	\$673.50	9.4%
75,000	45,000	30,000	\$10,733.39	\$6,888.75	\$3,844.64	\$11,743.64	\$7,899.00	\$3,844.64	\$1,010.25	9.4%
100,000	60,000	40,000	\$14,271.69	\$9,185.00	\$5,086.69	\$15,618.69	\$10,532.00	\$5,086.69	\$1,347.00	9.4%
125 000	75 000	50.000	ć17 000 00	¢11 401 25	¢c 220 74	¢10,402,74	¢12.465.00	¢c 220 74	¢1 (02 75	0.5%
125,000	75,000	50,000	\$17,809.99	\$11,481.25	\$6,328.74	\$19,493.74	\$13,165.00	\$6,328.74	\$1,683.75	9.5%
250.000	150.000	100.000	\$35 501 / 9	\$22 962 50	\$12 538 99	<u>\$38 868 99</u>	\$26 330 00	\$12 538 99	\$3 367 50	9.5%
	kWh 50,000 75,000	kWh kWh 50,000 30,000 75,000 45,000 100,000 60,000 125,000 75,000	kWh kWh kWh 50,000 30,000 20,000 75,000 45,000 30,000 100,000 60,000 40,000 125,000 75,000 50,000	kWh kWh kWh Total 50,000 30,000 20,000 \$7,195.09 75,000 45,000 30,000 \$10,733.39 100,000 60,000 40,000 \$14,271.69 125,000 75,000 50,000 \$17,809.99	Ionthly kWh On-Peak kWh Off-Peak kWh Default Total Default Service 50,000 30,000 20,000 \$7,195.09 \$4,592.50 75,000 45,000 30,000 \$10,733.39 \$6,888.75 100,000 60,000 40,000 \$14,271.69 \$9,185.00 125,000 75,000 50,000 \$17,809.99 \$11,481.25	Ionthly kWhOn-Peak kWhOff-Peak kWhDefault TotalRetail Delivery50,00030,00020,000\$7,195.09\$4,592.50\$2,602.5975,00045,00030,000\$10,733.39\$6,888.75\$3,844.64100,00060,00040,000\$14,271.69\$9,185.00\$5,086.69125,00075,00050,000\$17,809.99\$11,481.25\$6,328.74	Ionthly kWhOn-Peak kWhOff-Peak kWhDefault TotalRetail DeliveryTotal50,00030,00020,000\$7,195.09\$4,592.50\$2,602.59\$7,868.5975,00045,00030,000\$10,733.39\$6,888.75\$3,844.64\$11,743.64100,00060,00040,000\$14,271.69\$9,185.00\$5,086.69\$15,618.69125,00075,00050,000\$17,809.99\$11,481.25\$6,328.74\$19,493.74	Ionthly kWh On-Peak kWh Off-Peak kWh Off-Peak kWh Default Total Retail Service Default Delivery Retail Total Default Service 50,000 30,000 20,000 \$7,195.09 \$4,592.50 \$2,602.59 \$7,868.59 \$5,266.00 75,000 45,000 30,000 \$10,733.39 \$6,888.75 \$3,844.64 \$11,743.64 \$7,899.00 100,000 60,000 40,000 \$14,271.69 \$9,185.00 \$5,086.69 \$15,618.69 \$10,532.00 125,000 75,000 50,000 \$17,809.99 \$11,481.25 \$6,328.74 \$19,493.74 \$13,165.00	Jonthly kWh On-Peak kWh Off-Peak kWh Off-Peak kWh Default Total Retail Service Default Delivery Retail Total Default Service Retail Delivery 50,000 30,000 20,000 \$7,195.09 \$4,592.50 \$2,602.59 \$7,868.59 \$5,266.00 \$2,602.59 75,000 45,000 30,000 \$10,733.39 \$6,888.75 \$3,844.64 \$11,743.64 \$7,899.00 \$3,844.64 100,000 60,000 40,000 \$14,271.69 \$9,185.00 \$5,086.69 \$15,618.69 \$10,532.00 \$5,086.69 125,000 75,000 50,000 \$17,809.99 \$11,481.25 \$6,328.74 \$19,493.74 \$13,165.00 \$6,328.74	Ionthly kWh On-Peak kWh Off-Peak kWh Off-Peak kWh Default Total Retail Delivery Default Total Retail Delivery Default Service Retail Delivery Increase (Dec Amount 50,000 30,000 20,000 \$7,195.09 \$4,592.50 \$2,602.59 \$7,868.59 \$5,266.00 \$2,602.59 \$673.50 75,000 45,000 30,000 \$10,733.39 \$6,888.75 \$3,844.64 \$11,743.64 \$7,899.00 \$3,844.64 \$1,010.25 100,000 60,000 40,000 \$14,271.69 \$9,185.00 \$5,086.69 \$10,532.00 \$5,086.69 \$1,347.00 125,000 75,000 50,000 \$17,809.99 \$11,481.25 \$6,328.74 \$19,493.74 \$13,165.00 \$6,328.74 \$1,683.75

		Present Rates	Proposed Rates
Customer Charge		\$118.49	\$118.49
Distribution Charge			
On Peak kWh	kWh x	\$0.00373	\$0.00373
Off Peak kWh	kWh x	\$0.00031	\$0.00031
Distribution Demand Charge	kW x	\$5.16	\$5.16
Storm Adjustment Factor	kWh x	\$0.00329	\$0.00329
Transmission Charge	kWh x	\$0.01804	\$0.01804
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055
Supplier Services			
Default Service	kWh x	\$0.09185	\$0.10532

Granite State Electric Company d/b/a Liberty Utilities Proposed November 1, 2013 Rates Calculation of Illustrative Monthly Typical Bill Impact on Rate G-1 Default Service Customers

kWh Split

Granite State Electric Company d/b/a Liberty Utilities Docket No. DE 13-018 Revised Schedule JDW-6 Page 2 of 7

Hours Use	350	On-Peak	50.00%								
		Off-Peak	50.00%	/	(1)	/	/	(2)	/	(1) vs (2)
					Present Rates			Proposed Rates		Overa	II
	Monthly	On-Peak	Off-Peak		Default	Retail		Default	Retail	Increase (De	crease)
kW	kWh	kWh	kWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
200	70,000	35,000	35,000	\$9,588.99	\$6,429.50	\$3,159.49	\$10,531.89	\$7,372.40	\$3,159.49	\$942.90	9.8%
300	105,000	52,500	52,500	\$14,324.25	\$9,644.25	\$4,680.00	\$15,738.60	\$11,058.60	\$4,680.00	\$1,414.35	9.9%
						** *** **				4	
400	140,000	70,000	70,000	\$19,059.49	\$12,859.00	\$6,200.49	\$20,945.29	\$14,744.80	\$6,200.49	\$1,885.80	9.9%
500	175,000	87,500	87,500	\$23,794.75	\$16,073.75	\$7,721.00	\$26,152.00	\$18,431.00	\$7,721.00	\$2,357.25	9.9%
500	175,000	87,500	87,500	<i>Ş</i> 25,794.75	\$10,075.75	\$7,721.00	\$20,152.00	\$16,451.00	\$7,721.00	ş2,557.25	9.9%
1,000	350,000	175,000	175,000	\$47,470.99	\$32,147.50	\$15,323.49	\$52,185.49	\$36,862.00	\$15,323.49	\$4,714.50	9.9%
1,000	530,000	175,000	175,000	ş47,470.99	şsz,147.50	şı,525.49	352,165.49	əə0,802.00	şı,525.49	۶4,714.50	9.9%

		Present Rates	Proposed Rates
Customer Charge		\$118.49	\$118.49
Distribution Charge			
On Peak kWh	kWh x	\$0.00373	\$0.00373
Off Peak kWh	kWh x	\$0.00031	\$0.00031
Distribution Demand Charge	kW x	\$5.16	\$5.16
Storm Adjustment Factor	kWh x	\$0.00329	\$0.00329
Transmission Charge	kWh x	\$0.01804	\$0.01804
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055
Supplier Services			
Default Service	kWh x	\$0.09185	\$0.10532

Granite State Electric Company d/b/a Liberty Utilities Proposed November 1, 2013 Rates Calculation of Illustrative Monthly Typical Bill Impact on Rate G-1 Default Service Customers

kWh Split

Granite State Electric Company d/b/a Liberty Utilities Docket No. DE 13-018 Revised Schedule JDW-6 Page 3 of 7

Hours Use	450	On-Peak	45.00%								
		Off-Peak	55.00%	/	(1)	/	/	(2)	/	(1) vs	(2)
					Present Rates			Proposed Rates		Overa	all
	Monthly	On-Peak	Off-Peak		Default	Retail		Default	Retail	Increase (D	ecrease)
kW	kWh	kWh	kWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		r									
200	90,000	40,500	49,500	\$11,984.61	\$8,266.50	\$3,718.11	\$13,196.91	\$9,478.80	\$3,718.11	\$1,212.30	10.1%
300	135,000	60,750	74,250	\$17,917.66	\$12,399.75	\$5,517.91	\$19,736.11	\$14,218.20	\$5,517.91	\$1,818.45	10.1%
400	180,000	81,000	99,000	\$23,850.71	\$16,533.00	\$7,317.71	\$26,275.31	\$18,957.60	\$7,317.71	\$2,424.60	10.2%
500	225,000	101,250	123,750	\$29,783.76	\$20,666.25	\$9,117.51	\$32,814.51	\$23,697.00	\$9,117.51	\$3,030.75	10.2%
1,000	450,000	202,500	247,500	\$59,449.05	\$41,332.50	\$18,116.55	\$65,510.55	\$47,394.00	\$18,116.55	\$6,061.50	10.2%

		Present Rates	Proposed Rates
Customer Charge		\$118.49	\$118.49
Distribution Charge			
On Peak kWh	kWh x	\$0.00373	\$0.00373
Off Peak kWh	kWh x	\$0.00031	\$0.00031
Distribution Demand Charge	kW x	\$5.16	\$5.16
Storm Adjustment Factor	kWh x	\$0.00329	\$0.00329
Transmission Charge	kWh x	\$0.01804	\$0.01804
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055
Supplier Services			
Default Service	kWh x	\$0.09185	\$0.10532

Granite State Electric Company d/b/a Liberty Utilities Proposed November 1, 2013 Rates Calculation of Illustrative Monthly Typical Bill Impact on Rate G-1 Default Service Customers

kWh Split

Granite State Electric Company d/b/a Liberty Utilities Docket No. DE 13-018 Revised Schedule JDW-6 Page 4 of 7

Hours Use	450	On-Peak	40.00%								
		Off-Peak	60.00%	/	(1)	/	/	(2)	/	(1) vs (2)
					Present Rates			Proposed Rates		Overa	II
	Monthly	On-Peak	Off-Peak		Default	Retail		Default	Retail	Increase (De	crease)
kW	kWh	kWh	kWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
200	90,000	36,000	54,000	\$11,969.21	\$8,266.50	\$3,702.71	\$13,181.51	\$9,478.80	\$3,702.71	\$1,212.30	10.1%
300	135,000	54,000	81,000	\$17,894.57	\$12,399.75	\$5,494.82	\$19,713.02	\$14,218.20	\$5,494.82	\$1,818.45	10.2%
400	180,000	72,000	108,000	\$23,819.93	\$16,533.00	\$7,286.93	\$26,244.53	\$18,957.60	\$7,286.93	\$2,424.60	10.2%
500	225,000	90,000	135,000	\$29,745.29	\$20,666.25	\$9,079.04	\$32,776.04	\$23,697.00	\$9,079.04	\$3,030.75	10.2%
1,000	450,000	180,000	270,000	\$59,372.09	\$41,332.50	\$18,039.59	\$65,433.59	\$47,394.00	\$18,039.59	\$6,061.50	10.2%

		Present Rates	Proposed Rates
Customer Charge		\$118.49	\$118.49
Distribution Charge			
On Peak kWh	kWh x	\$0.00373	\$0.00373
Off Peak kWh	kWh x	\$0.00031	\$0.00031
Distribution Demand Charge	kW x	\$5.16	\$5.16
Storm Adjustment Factor	kWh x	\$0.00329	\$0.00329
Transmission Charge	kWh x	\$0.01804	\$0.01804
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055
Supplier Services			

Default Service	kWh x	\$0.09185	\$0.10532
		\$0.00 ±00	\$0.1000 2

Granite State Electric Company d/b/a Liberty Utilities Proposed November 1, 2013 Rates Calculation of Illustrative Monthly Typical Bill Impact on Rate G-2 Default Service Customers

200

Granite State Electric Company d/b/a Liberty Utilities Docket No. DE 13-018 Revised Schedule JDW-6 Page 5 of 7

		/	(1)	/	/	(2)	/	(1) vs	(2)
			Present Rates			Proposed Rates		Overa	all
	Monthly		Default	Retail		Default	Retail	Increase (De	ecrease)
kW	kWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
20	4,000	\$632.85	\$367.40	\$265.45	\$686.73	\$421.28	\$265.45	\$53.88	8.5%
50	10,000	\$1,534.59	\$918.50	\$616.09	\$1,669.29	\$1,053.20	\$616.09	\$134.70	8.8%
75	15,000	\$2,286.04	\$1,377.75	\$908.29	\$2,488.09	\$1,579.80	\$908.29	\$202.05	8.8%
100	20,000	\$3,037.49	\$1,837.00	\$1,200.49	\$3,306.89	\$2,106.40	\$1,200.49	\$269.40	8.9%
150	30,000	\$4,540.39	\$2,755.50	\$1,784.89	\$4,944.49	\$3,159.60	\$1,784.89	\$404.10	8.9%

		Present Rates	Proposed Rates
Customer Charge		\$31.69	\$31.69
Distribution Charge	kWh x	\$0.00147	\$0.00147
Distribution Demand Charge	kW x	\$5.69	\$5.69
Storm Adjustment Factor	kWh x	\$0.00329	\$0.00329
Transmission Charge	kWh x	\$0.01988	\$0.01988
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Hours Use

\$0.09185

kWh x

\$0.10532

8.9%

9.2%

9.2%

9.2%

9.3%

Granite State Electric Company d/b/a Liberty Utilities Proposed November 1, 2013 Rates Calculation of Illustrative Monthly Typical Bill Impact on Rate G-2 Default Service Customers

250

Granite State Electric Company d/b/a Liberty Utilities Docket No. DE 13-018 Revised Schedule JDW-6 Page 6 of 7

		/	(1)	/	/	(2)	/	(1) vs (2)
			Present Rates			Proposed Rates		Overa	11
	Monthly		Default	Retail		Default	Retail	Increase (De	crease)
kW	kWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
20	5,000	\$754.69	\$459.25	\$295.44	\$822.04	\$526.60	\$295.44	\$67.35	
50	12,500	\$1,839.21	\$1,148.13	\$691.08	\$2,007.58	\$1,316.50	\$691.08	\$168.37	
75	18,750	\$2,742.95	\$1,722.19	\$1,020.76	\$2,995.51	\$1,974.75	\$1,020.76	\$252.56	
100	25,000	\$3,646.69	\$2,296.25	\$1,350.44	\$3,983.44	\$2,633.00	\$1,350.44	\$336.75	
150	37,500	\$5,454.21	\$3,444.38	\$2,009.83	\$5,959.33	\$3,949.50	\$2,009.83	\$505.12	

		Present Rates	Proposed Rates
Customer Charge		\$31.69	\$31.69
Distribution Charge	kWh x	\$0.00147	\$0.00147
Distribution Demand Charge	kW x	\$5.69	\$5.69
Storm Adjustment Factor	kWh x	\$0.00329	\$0.00329
Transmission Charge	kWh x	\$0.01988	\$0.01988
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Hours Use

Default	Sorvico
Derault	Service

\$0.09185

kWh x

\$0.10532

Granite State Electric Company d/b/a Liberty Utilities Proposed November 1, 2013 Rates Calculation of Illustrative Monthly Typical Bill Impact on Rate G-2 Default Service Customers

300

Granite State Electric Company d/b/a Liberty Utilities Docket No. DE 13-018 Revised Schedule JDW-6 Page 7 of 7

		/	(1)	/	/	(2)	/	(1) vs	(2)
			Present Rates			Proposed Rates		Overa	all
	Monthly		Default	Retail		Default	Retail	Increase (De	ecrease)
kW	kWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
20	6,000	\$876.53	\$551.10	\$325.43	\$957.35	\$631.92	\$325.43	\$80.82	9.2%
50	15,000	\$2,143.79	\$1,377.75	\$766.04	\$2,345.84	\$1,579.80	\$766.04	\$202.05	9.4%
					4				
75	22,500	\$3,199.86	\$2,066.63	\$1,133.23	\$3,502.93	\$2,369.70	\$1,133.23	\$303.07	9.5%
100			40 -0	A4 = 00 00		40.450.00	44 5 00 00		0.50
100	30,000	\$4,255.89	\$2,755.50	\$1,500.39	\$4,659.99	\$3,159.60	\$1,500.39	\$404.10	9.5%
150	45.000	¢c 2c7 00	64 400 05	42 22 4 7 4	¢C 074 44	<i>64</i> 700 40	62 22 4 7 4	6000 A F	0.50
150	45,000	\$6,367.99	\$4,133.25	\$2,234.74	\$6,974.14	\$4,739.40	\$2,234.74	\$606.15	9.5%

		Present Rates	Proposed Rates
Customer Charge		\$31.69	\$31.69
Distribution Charge	kWh x	\$0.00147	\$0.00147
Distribution Demand Charge	kW x	\$5.69	\$5.69
Storm Adjustment Factor	kWh x	\$0.00329	\$0.00329
Transmission Charge	kWh x	\$0.01988	\$0.01988
Stranded Cost Charge	kWh x	\$0.00150	\$0.00150
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055

Supplier Services

Hours Use

Default	Sorvico
Default	Service

\$0.09185

kWh x

\$0.10532

SCHEDULE JDW – 7

Proposed Summary of Rates

N.H.P.U.C. No. 18 - ELECTRICITY LIBERTY UTILITIES

RATES EFFECTIVE FEBRUARY 1, 2013 FOR USAGE ON AND AFTER FEBRUARY 1, 2013

Rate	Blocks	Distribution Charge (1), (2), (3), (4)	Storm Recovery Adjustment Factor	Electricity Consumption Tax	Transmission Charge	Systems Benefits Charge	Stranded Cost Charge	Total Retail Delivery Services
	Customer Charge	\$5.53						\$5.53
	1st 250 kWh	\$0.02156	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.04876
D	Excess 250 kWh	\$0.05547	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.08267
D	Off Peak kWh	\$0.02063	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.04783
	Farm kWh	\$0.03329	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.06049
	D-6 kWh	\$0.02156	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.04876
	Customer Charge	\$9.50						\$9.50
D-10	On Peak kWh	\$0.06271	\$0.00329	\$0.00055	\$0.01672	\$0.00330	\$0.00151	\$0.08808
	Off Peak kWh	\$0.00023	\$0.00329	\$0.00055	\$0.01672	\$0.00330	\$0.00151	\$0.02560
	Customer Charge	\$118.49						\$118.49
C 1	Demand Charge	\$5.16						\$5.16
G-1	On Peak kWh	\$0.00373	\$0.00329	\$0.00055	\$0.01804	\$0.00330	\$0.00150	\$0.03041
	Off Peak kWh	\$0.00031	\$0.00329	\$0.00055	\$0.01804	\$0.00330	\$0.00150	\$0.02699
	Customer Charge	\$31.69						\$3169
G-2	Demand Charge	\$5.69						\$5.69
	All kWh	\$0.00147	\$0.00329	\$0.00055	\$0.01988	\$0.00330	\$0.00150	\$0.02999
<i></i>	Customer Charge	\$7.00						\$7.00
G-3	All kWh	\$0.04007	\$0.00329	\$0.00055	\$0.01971	\$0.00330	\$0.00150	\$0.06842
	All kWh	\$0.00047	\$0.00329	\$0.00055	\$0.00900	\$0.00330	\$0.00149	\$0.01810
Μ	see tariff fo	r luminares & pole	charges					
m	Customer Charge	\$7.16						\$7.16
Т	All kWh	\$0.02658	\$0.00329	\$0.00055	\$0.01653	\$0.00330	\$0.00150	\$0.05175
	Minimum Charge	\$7.47						\$7.47
V	All kWh	\$0.03713	\$0.00329	\$0.00055	\$0.02094	\$0.00330	\$0.00152	\$0.06673

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

(2) Distribution Energy Charges include the following credits per kWh in accordance with page 93 of the tariff for usage on and after 5/1/10

Rate Class	<u>D</u>	<u>D-10</u>	<u>G-3</u>	<u>T</u>	V	
Credit per kWh	(\$0.00017)	(\$0.0008)	(\$0.00017)	(\$0.00007)	(\$0.00009)	

(3) Distribution Energy Charges include a Reliability Enhancement Program and Vegetation Management Plan Adjustment Factor of (\$0.00010) per kWh for usage on and after 7/1/13

(4) Distribution Energy Charges include a Green Up Service Recovery Adjustment Factor of (\$0.00001) per kWh for usage on and after 1/1/13

System Benefits Charge-Energy Efficiency	\$0.00180	Effective 7/1/11, usage on and after
System Benefits Charge-Statewide Energy Assistance Program	<u>\$0.00150</u>	Effective 7/1/11, usage on and after
Total System Benefits Charge	\$0.00330	
Transmission Cost Adjustment Factor	various	Effective 1/1/13, usage on and after
Stranded Cost Adjustment Factor	various	Effective 1/1/13, usage on and after
Default Service Charge		
Residential & Small Commercial (D, D-10, G-3, M, T, V)	\$0.08899	Effective 11/1/13, usage on and after
Medium / Large Commercial & Industrial (G-1, G-2)	\$0.16040	Effective 2/1/14, usage on and after
	\$0.08724	Effective 3/1/14, usage on and after
	\$0.06773	Effective 4/1/14, usage on and after
Electricity Consumption Tax	\$0.00055	Effective 5/1/01, usage on and after
Dated: Effective: February 01, 2014		Issued by: <u>/s/ Victor D. Del Vecchio</u> Victor D. Del Vecchio Title: President

Authorized by Docket No. DE 13-018, NHPUC Order No., Dated

N.H.P.U.C. No. 18 - ELECTRICITY LIBERTY UTILITIES

FOR USAGE ON AND AFTER FEBRUARY NOVEMBER 1, 2013									
Rate	Blocks	Distribution Charge (1), (2), (3), (4)	Storm Recovery Adjustment Factor	Electricity Consumption Tax	Transmission Charge	Systems Benefits Charge	Stranded Cost Charge	Total Retail Delivery Services	
	Customer Charge	\$5.53					•	\$5.53	
D	1st 250 kWh	\$0.02156	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.04876	
	Excess 250 kWh	\$0.05547	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.08267	
	Off Peak kWh	\$0.02063	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.04783	
	Farm kWh	\$0.03329	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.06049	
	D-6 kWh	\$0.02156	\$0.00329	\$0.00055	\$0.01856	\$0.00330	\$0.00150	\$0.04876	
D-10	Customer Charge	\$9.50						\$9.50	
	On Peak kWh	\$0.06271	\$0.00329	\$0.00055	\$0.01672	\$0.00330	\$0.00151	\$0.08808	
	Off Peak kWh	\$0.00023	\$0.00329	\$0.00055	\$0.01672	\$0.00330	\$0.00151	\$0.02560	
	Customer Charge	\$118.49						\$118.49	
G-1	Demand Charge	\$5.16						\$5.16	
	On Peak kWh	\$0.00373	\$0.00329	\$0.00055	\$0.01804	\$0.00330	\$0.00150	\$0.03041	
	Off Peak kWh	\$0.00031	\$0.00329	\$0.00055	\$0.01804	\$0.00330	\$0.00150	\$0.02699	
	Customer Charge	\$31.69						\$3169	
G-2	Demand Charge	\$5.69						\$5.69	
	All kWh	\$0.00147	\$0.00329	\$0.00055	\$0.01988	\$0.00330	\$0.00150	\$0.02999	
G-3	Customer Charge	\$7.00						\$7.00	
	All kWh	\$0.04007	\$0.00329	\$0.00055	\$0.01971	\$0.00330	\$0.00150	\$0.06842	
М	All kWh	\$0.00047	\$0.00329	\$0.00055	\$0.00900	\$0.00330	\$0.00149	\$0.01810	
	see tariff for luminares & pole charges								
т	Customer Charge	\$7.16						\$7.16	
Т	All kWh	\$0.02658	\$0.00329	\$0.00055	\$0.01653	\$0.00330	\$0.00150	\$0.05175	
V	Minimum Charge	\$7.47						\$7.47	
V	All kWh	\$0.03713	\$0.00329	\$0.00055	\$0.02094	\$0.00330	\$0.00152	\$0.06673	

RATES EFFECTIVE FEBRUARYNOVEMBER 1, 2013

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

(2) Distribution Energy Charges include the following credits per kWh in accordance with page 93 of the tariff for usage on and after 5/1/10

Rate Class	<u>D</u>	<u>D-10</u>	<u>G-3</u>	<u>T</u>	V
Credit per kWh	(\$0.00017)	(\$0.0008)	(\$0.00017)	(\$0.00007)	(\$0.00009)

(3) Distribution Energy Charges include a Reliability Enhancement Program and Vegetation Management Plan Adjustment Factor of (\$0.00010) per kWh for usage on and after 7/1/13

(4) Distribution Energy Charges include a Green Up Service Recovery Adjustment Factor of (\$0.00001) per kWh for usage on and after 1/1/13

System Benefits Charge-Energy Efficien	icy	\$0.00180	Effective 7/1/11, usage on and after
System Benefits Charge-Statewide Energy	gy Assistance Program	<u>\$0.00150</u>	Effective 7/1/11, usage on and after
Total System Benefits Charge		\$0.00330	
Transmission Cost Adjustment Factor		various	Effective 1/1/13, usage on and after
Stranded Cost Adjustment Factor		various	Effective 1/1/13, usage on and after
Default Service Charge			
Residential & Small Commerce	cial (D, D-10, G-3, M, T, V)	\$0.08899	Effective 11/1/13, usage on and after
Medium / Large Commercial	& Industrial (G-1, G-2)	\$0. <u>16040</u> 062 72	Effective $\frac{211}{1/134}$, usage on and after
		\$0.0 <u>8724</u> 9 31 9	Effective $\frac{3+2}{1/1}$, usage on and after
		\$0. <u>06773</u> 117 59	Effective $\frac{41}{1/14}$, usage on and after
Electricity Consumption Tax		\$0.00055	Effective 5/1/01, usage on and after
Dated: October 21, 2013 Effective: FebruaryNovember 01	. 2014 3		Issued by: <u>/s/ Victor D. Del Vecchio</u> Victor D. Del Vecchio

Title:

io President

SCHEDULE JDW – 8

Quarterly Customer Migration Report

Grantie State Electric Company d/b/a Liberty Utilities Docket DE 06-115 Quarterly Report Page 1 of 1

CUSTOMER MIGRATION REPORT

Energy Service and Competitive Generation Customers for Quarter 3 of 2013

	Energy Service						Competitive Service					
	Jul-2013	Aug-2013	Sep-2013	Jul-2013	Aug-2013	Sep-2013	Jul-2013	Aug-2013	Sep-2013	Jul-2013	Aug-2013	Sep-2013
Customer Rate Class	Number of Energy Service Customers			kWh Used by Energy Service Customers		Number of Competitive Service Customers			kWh Used by Competitive Service Customers			
D	34,282	34,090	34,160	28,443,629	25,897,015	22,945,311	338	362	358	361,351	340,129	290,774
D-10	433	426	429	419,204	408,525	356,189	7	7	7	9,515	10,114	8,256
Т	1,117	1,090	1,084	1,286,353	1,136,853	1,032,347	15	40	40	40,638	51,182	43,785
G-1	51	49	48	8,975,653	9,134,397	7,232,042	78	78	79	34,022,701	28,551,674	27,668,901
G-2	597	587	597	8,429,980	8,468,610	7,593,690	255	257	259	6,188,450	6,223,686	5,815,592
G-3	4,902	4,876	4,878	6,898,275	6,974,664	6,445,568	667	686	687	1,455,876	1,550,800	1,402,999
V	18	18	18	30,106	30,558	25,610	1	1	1	39	7	61
Streetlights	131	130	132	162,356	166,925	154,734	28	28	28	224,499	229,841	214,537
TOTAL	41,531	41,266	41,346	54,645,556	52,217,547	45,785,491	1,389	1,459	1,459	42,303,069	36,957,433	35,444,905
	Number of Energy Service Customers as % of Total		kWh Used by Energy Service Customers as % of Total		Number of Competitive Service Customers as % of Total		kWh Used by Competitive Service Customers as % of Total					
D	99%	99%	99%	99%	99%	99%	1%	1%	1%	1%	1%	1%
D-10	98%	98%	98%	98%	98%	98%	2%	2%	2%	2%	2%	2%
Т	99%	96%	96%	97%	96%	96%	1%	4%	4%	3%	4%	4%
G-1	40%	39%	38%	21%	24%	21%	60%	61%	62%	79%	76%	79%
G-2	70%	70%	70%	58%	58%	57%	30%	30%	30%	42%	42%	43%
G-3	88%	88%	88%	83%	82%	82%	12%	12%	12%	17%	18%	18%
V	95%	95%	95%	100%	100%	100%	5%	5%	5%	0%	0%	0%
Streetlights	82%	82%	83%	42%	42%	42%	18%	18%	18%	58%	58%	58%
TOTAL	97%	97%	97%	56%	59%	56%	3%	3%	3%	44%	41%	44%

Prepared By: D. Simek

Date: 10/7/2013