

Celia B. O'Brien Assistant General Counsel and Director

June 27, 2017

# **VIA HAND DELIVERY & ELECTRONIC MAIL**

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

# RE: Docket 4686 - Request for Approval of Storm Contingency Fund Replenishment Response to Record Request

Dear Ms. Massaro:

On behalf of National Grid,<sup>1</sup> I have enclosed the Company's response to Record Request 1 that was issued at the Rhode Island Public Utilities Commission's (PUC) evidentiary hearing on June 21, 2017 in the above-referenced docket.

Please be advised that, due to the voluminous nature of Attachment RR-1 in response to Record Request 1, the Company is providing six (6) copies of this transmittal at the request of counsel to the PUC.

Thank you for your attention to this filing. If you have any questions, please contact me at 781-907-2153.

Very truly yours,

Culia B. OBrien

Celia B. O'Brien

Enclosures

cc: Docket 4686 Service List Leo Wold, Esq. Steve Scialabba, RI Division John Bell, RI Division

<sup>&</sup>lt;sup>1</sup> The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

# Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

Joanne M. Scanlon

<u>June &+, 2017</u> Date

# Docket No. 4686 – National Grid's Storm Contingency Fund Replenishment Service List as of 1/26/17

Name/Address	E-mail	Phone
Celia B. O'Brien, Esq.	Jennifer.hutchinson@nationalgrid.com;	781-907-2153
National Grid	Celia.obrien@nationalgrid.com;	
280 Melrose St.	Joanne.scanlon@nationalgrid.com;	
Providence, RI 02907		
Leo Wold, Esq.	LWold@riag.ri.gov;	401-274-4400
Dept. of Attorney General	Steve.scialabba@dpuc.ri.gov;	
150 South Main St.	John.bell@dpuc.ri.gov;	
Providence, RI 02903	Al.contente@dpuc.ri.gov;	
	Dmacrae@riag.ri.gov;	
	jmunoz@riag.ri.gov;	
David Effron	Djeffron@aol.com;	603-964-6526
Berkshire Consulting		
File an original &10 copies w/:	Luly.massaro@puc.ri.gov;	401-780-2107
Luly E. Massaro, Commission Clerk	Todd.bianco@puc.ri.gov;	
Public Utilities Commission	Alan.nault@puc.ri.gov;	
89 Jefferson Blvd.	Cynthia.WilsonFrias@puc.ri.gov;	
Warwick, RI 02888	Margaret.hogan@puc.ri.gov;	

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 In Re: National Grid's Request for Approval of Storm Contingency Fund Replenishment Response to a Record Request Issued at the Commission's Evidentiary Hearing On June 21, 2017

# Record Request 1

Request:

Please provide copies of all mutual assistance agreements in effect between 2009-2017.

Response:

Please see Attachment RR-1 for a copy of the Mutual Assistance Agreement (Agreement) entered into by The Narragansett Electric Company on March 28, 2008, which was filed with the Rhode Island Division of Public Utilities and Carriers (Division) on March 28, 2008, together with the annual extensions of this Agreement filed with the Division on March 26, 2009, March 29, 2010, March 23, 2011, March 22, 2012, March 22, 2013, March 21, 2014, March 19, 2015, March 17, 2016, and March 17, 2017.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 1 of 78

# **MUTUAL ASSISTANCE AGREEMENT**

Dated as of March 28, 2008

WHEREAS, the undersigned companies (individually, a Company, and together, the Companies) are each an operating utility, or perform services for an operating utility, and are an affiliated company within the National Grid USA system,

WHEREAS, each of the Companies from time to time have required and may continue to require assistance and services in connection with utility-related operations and to ensure that assets and equipment are maintained and perform in accordance with good utility practice,

WHEREAS, each of the Companies may find it from time to time economic and efficient to obtain from one another such needed services and assistance, and to provide the same to one another at cost,

NOW, THEREFORE, the Companies enter into this Mutual Assistance Agreement.

#### **COVENANTS**

1. Each Company will, to the extent possible, respond to requests from any other Company for specific or general assistance and services. Such requests may be modified or canceled by the requesting Company and may be refused by the responding Company.

2. Requests for assistance and services shall generally be for the types of services set forth in Exhibit A, attached hereto and incorporated by reference.

3. All assistance and services rendered under this Mutual Assistance Agreement will be at actual cost thereof. Direct charges will be made for assistance and services. Exhibit B sets forth how cost of service is determined and record keeping.

4. Bills for assistance and services will be rendered as soon as practicable after the close of each month. Bills shall be paid as promptly as practicable following receipt.

5. This Mutual Assistance Agreement is subject to modification or termination at any time to the extent that its performance may conflict with any federal or state law or any rule, regulation or order of a federal or state regulatory body having jurisdiction thereover. This Agreement is furthermore subject to approval of any federal or state regulatory body whose approval is a legal prerequisite to its execution and performance.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 2 of 78

6. The parties mutually agree that the Mutual Assistance Agreement dated as of October 1, 2007 is hereby terminated.

The effective date of this Agreement shall be March 28, 2008. This Agreement shall be in effect through March 27, 2009 ("Termination Date"). Subject to the receipt of any required approvals of any state regulatory body having jurisdiction, the Termination Date may be extended by mutual written agreement of all parties hereto and this Agreement shall continue in full force and effect through such extended Termination Date agreed to by the parties.

7. Any number of counterparts of this Mutual Assistance Agreement may be executed, and each shall have the same force and effect as an original instrument, as if all parties to all counterparts had signed the same instrument. After the effective date hereof, any new or existing operating company or service company that is a direct or indirect subsidiary of National Grid USA may become a party to this Mutual Assistance Agreement by executing and delivering a signed and dated counterpart hereof.

[Signatures start on following page.]

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 3 of 78

# MASSACHUSETTS ELECTRIC COMPANY

By: John G. Cochrane

Name: John G. Cochrand Title: Treasurer

NANTUCKET ELECTRIC COMPANY

By:

Name: John G. Cochrane Title: Treasurer

# THE NARRAGANSETT ELECTRIC COMPANY

By:

Name John G. Cochrane Title: Treasurer

GRANITE STATE ELECTRIC COMPANY

By:

Name: Barbara Hassan Title: Senior Vice President

NEW ENGLAND POWER COMPANY

.

By:

Name John G. Cochrane Title: Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 4 of 78

# NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By: Name: David Wright

Title: Vice President

NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

By: Name: Lorraine Lynch

Title: Assistant Treasurer

NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

By: Lorraine Lynch Name:

Title: Assistant Treasurer

NIAGARA MOHAWK POWER CORPORATION

soam By:

Name: Barbara Hassan Title: Senior Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 5 of 78

#### BOSTON GAS COMPANY

182 By:

Name: Nickolas Stavropoulos Title: President & Chief Operating Officer

ESSEX GAS COMPANY

By:

Name: Nickolas Stavropoulos Title: President & Chief Operating Officer

COLONIAL GAS COMPANY

Jun By:

Name: Nickolas Stavropoulos Title: President & Chief Operating Officer

ENERGYNORTH NATURAL GAS, INC.

200 A By:

Name:Nickolas StavropoulosTitle:President & Chief Operating Officer

KEYSPAN GAS EAST CORPORATION

Jungos By:

Name: Nickolas Stavropoulos Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 6 of 78

## THE BROOKLYN UNION GAS COMPANY

By: Name:

Title:

Lorraine Lynch b Assistant Treasurer

KEYSPAN ELECTRIC SERVICES, LLC

ode By:

James G. Holodak Name: Vice President Title:

KEYSPAN GENERATION LLC

By: Name: Steven L. Zelkowi ΞZ Title: President

KEYSPAN ENGINEERING & SURVEY, INC.

By: Name: Lorraine Lynch U

Title: Vice President & Treasurer

KEYSPAN UTILITY SERVICES LLC

By:

Richard A. Rapp, Jr. Name: Vice President Title:

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 7 of 78

#### Exhibit A

### **Description of Assistance and Services Available**

Construction and Maintenance

Manpower and equipment for construction, extension, improvement, maintenance or repair of utility properties.

## Emergencies

Assistance in emergency maintenance and restoration of utility service and in mobilization of personnel and equipment.

# Engineering

Engineering services; technical advice, design, installation, supervision, planning, research, testing, operation of communications, and operation and maintenance of specialized technical equipment.

### Stores

Services re storing of materials, supplies and equipment.

#### Miscellaneous

Consulting and monitoring services; land and/or real facilities rentals related to utility operations; reimbursement of convenience expenses.

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#### Exhibit **B**

#### **Determination of Cost of Service**

Cost of service will include all costs of doing business incurred by the providing Company.

Records will be maintained for each unit of the providing Company in order to accumulate all costs of doing business and to determine the cost of service. These costs will include wages and salaries of employees and related expenses such as insurance, taxes, pensions and other employee welfare expenses, and general administrative costs.

Charges for services rendered and related expenses and non-personnel expenses (e.g., use of automotive equipment, etc.) will be billed directly to the requesting Company.

Charges for services will be determined from the time sheets of employees and will be computed on the basis of each employee's hourly rate plus a percentage factor to cover related expenses and general administrative expenses. Records of such related expenses and general administrative expenses will be maintained and subjected to periodic review.

Out-of-pocket expenses which are incurred for the requesting Company will be billed at cost. Charges for non-personnel expenses, such as for use of automobiles, trucks and heavy equipment, will normally be computed on the basis of costs per hour or per mile.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 9 of 78

# nationalgrid

#### Effective as of March 26, 2009

# RE: Extension of Mutual Assistance Agreement

Reference is made to the Mutual Assistance Agreement dated as of March 28, 2008 executed by the undersigned parties (the "Agreement"). In accordance with Paragraph 6 of the Agreement, the undersigned hereby agree to extend the Termination Date of the Agreement to March 27, 2010 ("Extended Termination Date"). The Agreement shall continue in full force and effect through such Extended Termination Date. This instrument may be executed in multiple counterparts, each of which shall be considered an original.

IN WITNESS WHEREOF, all parties to the Agreement have duly executed this instrument as of the day and the year set forth above.

MASSACHUSETTS ELECTRIC COMPANY

Bv:

Name: Daviá C. Bonar Title: Assistant Treasurer

NANTUCKET ELECTRIC COMPANY

ain By:

Name: David C. Bonar Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 10 of 78

#### THE NARRAGANSETT ELECTRIC COMPANY

By:  $\Omega$ 

Name: David C. Bonar Title: Assistant Treasurer

#### GRANITE STATE ELECTRIC COMPANY

and By:

Name: David C. Bonar Title: Assistant Treasurer

#### NEW ENGLAND POWER COMPANY

By: Rarar

Name: David C. Bonar Title: Assistant Treasurer

NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By: Name: David C. Bonar

Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 11 of 78

#### NEW ENGLAND HYDRO-TRANSMISSIO CORPORATION

By:

Name: David C. Bonar Title: Assistant Treasurer

NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

mor By:

Name: David C. Bonar Title: Assistant Treasurer

NIAGARA MOHAWK POWER CORPORATION

ma By:

Name: David C. Bonar Title: Assistant Treasurer

BOSTON GAS COMPANY

NOLION By:

Name: David C. Bonar Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 12 of 78

ESSEX GAS COMPANY

By:

Name: David C. Bonar Title: Assistant Treasurer

COLONIAL GAS COMPANY

Bonar By: Name: David C. Bonar Title: Assistant Treasurer

ENERGYNORTH NATURAL GAS, INC.

By: Name: David C. Bonar

Title: Assistant Treasurer

KEYSPAN GAS EAST CORPORATION

By:\_

Name: Martin Wheatcroft Title: Vice President and Controller

THE BROOKLYN UNION GAS COMPANY

Jour By: Name: David C. Bonar

Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 13 of 78

#### NATIONAL GRID ELECTRIC SERVICES LLC

onor By: Name: David C. Bonar

Title: Assistant Treasurer

NATIONAL GRID GENERATION LLC

By:

Name: David C. Bonar Title: Assistant Treasurer

NATIONAL GRID ENGINEERING & SURVEY INC.

porra

By:\_

Name: Davíd C. Bonar Title: Assistant Treasurer

NATIONAL GRID UTILITY SERVICES LLC

By:

Name: Davíd C. Bonar Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 14 of 78

# nationalgrid

Effective as of March 26, 2010

RE: Extension of Mutual Assistance Agreement

Reference is made to the Mutual Assistance Agreement dated as of March 28, 2008 executed by the undersigned parties (the "Agreement"). In accordance with Paragraph 6 of the Agreement, the undersigned hereby agree to extend the Agreement for an additional 364 days by extending the Termination Date of the Agreement to March 26, 2011 ("Extended Termination Date"). The Agreement shall continue in full force and effect through such Extended Termination Date. This instrument may be executed in multiple counterparts, each of which shall be considered an original.

IN WITNESS WHEREOF, all parties to the Agreement have duly executed this instrument as of the day and the year set forth above.

MASSACHUSETTS ELECTRIC COMPANY

Lonaine By: Name: Lorraine Lynch

Title: Assistant Treasurer

NANTUCKET ELECTRIC COMPANY

By: inch

Name: Lorraine Lynch // Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 15 of 78

# THE NARRAGANSETT ELECTRIC COMPANY

By:\_

Name: Lorraine Lynch Title: Assistant Treasurer

#### GRANITE STATE ELECTRIC COMPANY

By:

Name: Lorraine Lynch Title: Assistant Treasurer

# NEW ENGLAND POWER COMPANY

By:

Name: Lorraine Lynch Title: Assistant Treasurer

NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By:

Name: Lorraine Lynch Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 16 of 78

# NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

nul By: MALL

Name: Lorraine Lynch Title: Assistant Treasurer

NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

much By:

Name: Lorraine Lynch Title: Assistant Treasurer

# NIAGARA MOHAWK POWER CORPORATION

By: meh

Name: Lorraine Lynch Title: Assistant Treasurer

# BOSTON GAS COMPANY

dypih Xanana By: Name: Lorraine Lynch

Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 17 of 78

# ESSEX GAS COMPANY

pul) By: Name: Lorraine Lynch

Title: Assistant Treasurer

# COLONIAL GAS COMPANY

anul ? XMaine M By:

Name: Lorraine Lynch Title: Assistant Treasurer

# ENERGYNORTH NATURAL GAS, INC.

Lamaine ipich By:

Name: Lorraine Lynch Title: Assistant Treasurer

# KEYSPAN GAS EAST CORPORATION

By:\_\_\_\_\_

Name: Julie Vernon-Parry Title: Assistant Treasurer

# THE BROOKLYN UNION GAS COMPANY

By: MIR

Name: Lorraine Lynch // Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 18 of 78

# NATIONAL GRID ELECTRIC SERVICES LLC

By:

Name: Lorraine Lynch // Title: Assistant Treasurer

NATIONAL GRID GENERATION LLC

By: Name: Lorraine Lynch

Title: Assistant Treasurer

# NATIONAL GRID ENGINEERING & SURVEY INC.

Landine. dyreh By:

Name: Lorraine Lynch Title: Treasurer

# NATIONAL GRID UTILITY SERVICES LLC

Lamaine I dynch By:

Name: Lorraine Lynch Title: Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 19 of 78

# nationalgrid

Effective as of March 25, 2011

### RE: Extension of Mutual Assistance Agreement

Reference is made to the Mutual Assistance Agreement dated as of March 28, 2008 executed by the undersigned parties (the "Agreement"). In accordance with Paragraph 6 of the Agreement, the undersigned hereby agree to extend the Agreement for an additional 364 days by extending the Termination Date of the Agreement to March 24, 2012 ("Extended Termination Date"). The Agreement shall continue in full force and effect through such Extended Termination Date. This instrument may be executed in multiple counterparts, each of which shall be considered an original.

IN WITNESS WHEREOF, all parties to the Agreement have duly executed this instrument as of the day and the year set forth above.

#### MASSACHUSETTS ELECTRIC COMPANY

maire M Linch By:

Name: Lorraine Lynch <sup>*I*</sup> Title: Assistant Treasurer

NANTUCKET ELECTRIC COMPANY

By:

Name: Lorraine Lynch Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 20 of 78

# THE NARRAGANSETT ELECTRIC COMPANY

Lipick By: Name: Lorraine Lynch

Name:Lorraine LynchTitle:Assistant Treasurer

## GRANITE STATE ELECTRIC COMPANY

Maine By:

Name: Lorraine Lynch / Title: Assistant Treasurer

## NEW ENGLAND POWER COMPANY

mik By:\_

Name: Lorraine Lynch // Title: Assistant Treasurer

NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By:

Name: Lorraine Lynch / Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 21 of 78

# NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

Kipel By: Name: Lorraine Lynch

Title: Assistant Treasurer

NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

dipick By:

Name: Lorraine Lynch Title: Assistant Treasurer

#### NIAGARA MOHAWK POWER CORPORATION

Lipich By:

Name: Lorraine Lynch Title: Assistant Treasurer

BOSTON GAS COMPANY

By:

Name: Lorraine Lynch Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 22 of 78

# COLONIAL GAS COMPANY

dipick By: 6 Name: Lorraine Lynch

Title: Assistant Treasurer

# ENERGYNORTH NATURAL GAS, INC.

By:

Name: Lorraine Lynch Title: Assistant Treasurer

### **KEYSPAN GAS EAST CORPORATION**

By: Name: Julie Vernon-Parry

Title: Assistant Treasurer

# THE BROOKLYN UNION GAS COMPANY

By:

Name: forraine Lynch () Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 23 of 78

# NATIONAL GRID ELECTRIC SERVICES LLC

By:

Name: Lorraine Lynch Title: Assistant Treasurer

#### NATIONAL GRID GENERATION LLC

By:

Name: Lorraine Lynch Title: Assistant Treasurer

# NATIONAL GRID ENGINEERING & SURVEY INC.

By:

Name: Lorraine Lynch Title: Treasurer

NATIONAL GRID UTILITY SERVICES LLC

ipel By:

Name: Lorraine Lynch Title: Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 24 of 78

# nationalgrid

Effective as of March 23, 2012

#### RE: Extension of Mutual Assistance Agreement

Reference is made to the Mutual Assistance Agreement dated as of March 28, 2008 executed by the undersigned parties (the "Agreement"). In accordance with Paragraph 6 of the Agreement, the undersigned hereby agree to extend the Agreement for an additional 364 days by extending the Termination Date of the Agreement to March 23, 2013 ("Extended Termination Date"). The Agreement shall continue in full force and effect through such Extended Termination Date. This instrument may be executed in multiple counterparts, each of which shall be considered an original.

IN WITNESS WHEREOF, all parties to the Agreement have duly executed this instrument as of the day and the year set forth above.

MASSACHUSETTS ELECTRIC COMPANY

By:

Name: Lorraine Lynch Title: Vice President and Treasurer

NANTUCKET ELECTRIC COMPANY

By:

Name: Lorraine Lynch Title: Vice President and Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 25 of 78

### THE NARRAGANSETT ELECTRIC COMPANY

By:

Name: Lorraine Lynch Title: Vice President and Treasurer

## GRANITE STATE ELECTRIC COMPANY

By: Louaine

Name: Lorraine Lynch/ Title: Vice President and Treasurer

#### NEW ENGLAND POWER COMPANY

Lonaire. By:

Name: Lorraine Lynch/ Title: Treasurer

### NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

Lonaine Il Linuk By:

Name: Lorraine Lynch// Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 26 of 78

# NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

By:

Name: Lorraine Lynch Title: Assistant Treasurer

NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

By: XG

Name: Lorraine Lynch/ Title: Assistant Treasurer

#### NIAGARA MOHAWK POWER CORPORATION

M Linch By: Maire. A Name: Lorraine Lynch

Title: Assistant Treasurer

### BOSTON GAS COMPANY

By:

Name: Lorraine Lynch Title: Vice President and Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 27 of 78

# COLONIAL GAS COMPANY

By:

Name: Lorraine Lynch Title: Vice President and Treasurer

ENERGYNORTH NATURAL GAS, INC.

By:

Name: Lorraine Lynch Title: Vice President and Treasurer

# KEYSPAN GAS EAST CORPORATION

By:

Name: Charles DeRosa Title: Vice President

THE BROOKLYN UNION GAS COMPANY

By:

Name: Lorraine Lynch Title: Assistant Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 28 of 78

#### NATIONAL GRID ELECTRIC SERVICES LLC

By:

Name: Lorraine Lyngh Title: Assistant Treasurer

# NATIONAL GRID GENERATION LLC

By:

Name: Lorraine Lynch // Title: Assistant Treasurer

#### NATIONAL GRID ENGINEERING & SURVEY INC.

Xinch By:

Name: Lorraine LynchUTitle: Vice President and Treasurer

### NATIONAL GRID UTILITY SERVICES LLC

By:

Name: Lorraine Lynch // Title: Vice President and Treasurer

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 29 of 78

# nationalgrid

#### Effective as of March 22, 2013 ("Effective Date")

Re: Extension of Mutual Assistance Agreement

Reference is made to the Mutual Assistance Agreement dated as of March 28, 2008 executed by the undersigned parties (the "Agreement"). In accordance with Paragraph 6 of the Agreement, the undersigned hereby agree to extend the Agreement for an additional 364 days by extending the Termination Date of the Agreement to March 21, 2014 ("Extended Termination Date"). The Agreement shall continue in full force and effect through such Extended Termination Date. This instrument may be executed in multiple counterparts, each of which shall be considered an original.

IN WITNESS WHEREOF, each of the undersigned has caused this instrument to be signed in its name and behalf by its duly authorized representative as of the Effective Date.

#### MASSACHUSETTS ELECTRIC COMPANY

By: <u>Marcy L. Reed</u>

Name: Marcy L. Ree Title: President

NANTUCKET ELECTRIC COMPANY

By: <u>MMALLEA</u> Name: Marcy L. Reed

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 30 of 78

#### THE NARRAGANSETT ELECTRIC COMPANY

By:

Name: (Timothy F. Horan Title: President

NEW ENGLAND POWER COMPANY

By: Poter A. Flynn Name: Peter G. Flynn

Title: President

# NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By: Potes A. Flynn Name: Peter G. Flynn

Title: President

NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

By: Pote A, Flynn Name: Peter G. Flynn

Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 31 of 78

# NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

By: Peter A. Flynn Name: Peter G. Flynn

Title: President

# NIAGARA MOHAWK POWER CORPORATION

By:\_\_\_\_\_

Name: Kenneth D. Daly Title: President

BOSTON GAS COMPANY

By: <u>Mulle</u> Name: Marcy L. Reed

Title: President

COLONIAL GAS COMPANY

By: <u>MMC/ll/</u> Name: Marcy L. Reed

Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 32 of 78

# NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

By:\_\_\_\_\_

Name: Peter G. Flynn Title: President

# NIAGARA MOHAWK POWER CORPORATION

Leveth By:

Name: Kenneth D. Daly Title: President

# BOSTON GAS COMPANY

Ву:\_\_\_\_\_

Name: Marcy L. Reed Title: President

## COLONIAL GAS COMPANY

By:\_

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 33 of 78

# KEYSPAN GAS EAST CORPORATION

By: Name: William J. Akley Title: President

#### THE BROOKLYN UNION GAS COMPANY

Ву:\_\_\_\_\_

Name: Kenneth D. Daly Title: President

#### NATIONAL GRID ELECTRIC SERVICES LLC

By:\_\_\_\_

Name: John Bruckner Title: Senior Vice President

#### NATIONAL GRID GENERATION LLC

By:\_\_\_\_

Name: Peter G. Flynn Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 34 of 78

# **KEYSPAN GAS EAST CORPORATION**

By:\_\_\_\_\_ Name: William J. Akley Title: President

#### THE BROOKLYN UNION GAS COMPANY

By:

### NATIONAL GRID ELECTRIC SERVICES LLC

By:

Name: John Bruckner Title: Senior Vice President

#### NATIONAL GRID GENERATION LLC

By:\_\_\_\_\_

Name: Peter G. Flynn Title: President

Name: Kenneth D. Daly Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 35 of 78

# KEYSPAN GAS EAST CORPORATION

Ву:\_\_\_\_\_

Name: William J. Akley Title: President

THE BROOKLYN UNION GAS COMPANY

By:\_\_\_\_

Name: Kenneth D. Daly Title: President

NATIONAL GRID ELECTRIC SERVICES LLC

By: Name: John Bruckner

Title: Senior Vice President

NATIONAL GRID GENERATION LLC

By:

Name: Peter G. Flynn Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 36 of 78

# KEYSPAN GAS EAST CORPORATION

By:\_\_\_\_\_

Name: William J. Akley Title: President

#### THE BROOKLYN UNION GAS COMPANY

By:\_\_\_\_\_

Name: Kenneth D. Daly Title: President

# NATIONAL GRID ELECTRIC SERVICES LLC

By:\_\_\_\_

Name: John Bruckner Title: Senior Vice President

# NATIONAL GRID GENERATION LLC

By: Pitte A, Flupper Name: Peter G. Flynn

Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 37 of 78

# NATIONAL GRID ENGINEERING & SURVEY INC.

By:

Name: John G. Cochrane Title: Executive Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 38 of 78

# nationalgrid

Effective as of March 19, 2014 ("Effective Date")

Re: Extension of Mutual Assistance Agreement

Reference is made to the Mutual Assistance Agreement dated as of March 28, 2008 executed by the undersigned parties (the "Agreement"). In accordance with Paragraph 6 of the Agreement, the undersigned hereby agree to extend the Agreement for an additional 364 days by extending the Termination Date of the Agreement to March 20, 2015 ("Extended Termination Date"). The Agreement shall continue in full force and effect through such Extended Termination Date. This instrument may be executed in multiple counterparts, each of which shall be considered an original.

IN WITNESS WHEREOF, each of the undersigned has caused this instrument to be signed in its name and behalf by its duly authorized representative as of the Effective Date.

MASSACHUSETTS ELECTRIC COMPANY

By: MM

Name: Marcy L. Reed Title: President

NANTUCKET ELECTRIC COMPANY

By: Marg 2/les

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 39 of 78

THE NARRAGANSETT ELECTRIC COMPANY

Er By: Name: Timothy F. Horan

Title: President

# NEW ENGLAND POWER COMPANY

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

# NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By:\_\_

Name: Rudolph L. Wynter, Jr. Title: President

# NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

By:

Name: Rudolph L. Wynter, Jr. Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 40 of 78

#### THE NARRAGANSETT ELECTRIC COMPANY

By:\_\_\_

Name: Timothy F. Horan Title: President

NEW ENGLAND POWER COMPANY

By: 🦕 Kuslos oL Name: Rudolph L. Wynter, Jr.

Title: President

NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

Xulot oL By:\_\_\_

Name: Rudolph L. Wynter, Jr. Title: President

NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

usto By:

Name: Rudolph L. Wynter, Jr Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 41 of 78

# NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

Rodol pL L By: 2

Name: Rudolph L. Wyntor, Jr. Title: President

# NIAGARA MOHAWK POWER CORPORATION

By:\_\_

Name: Kenneth D. Daly Title: President

### BOSTON GAS COMPANY

By:

Name: Marcy L. Reed Title: President

#### COLONIAL GAS COMPANY

By:\_\_\_

Name: Marcy L. Reed Title: President

By:\_\_\_

Name: Rudolph L. Wynter, Jr. Title: President

# NIAGARA MOHAWK POWER CORPORATION

Lith . By:

Name: Kenneth D. Daly Title: President

# **BOSTON GAS COMPANY**

By:\_\_

Name: Marcy L. Reed Title: President

# COLONIAL GAS COMPANY

By:\_\_

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 43 of 78

# NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

By:\_\_

Name: Rudolph L. Wynter, Jr. Title: President

#### NIAGARA MOHAWK POWER CORPORATION

By:

Name: Kenneth D. Daly Title: President

### BOSTON GAS COMPANY

By: <u>Marcy L. Reed</u>

Title: President

### COLONIAL GAS COMPANY

By: <u>Marcy L. Reed</u>

Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 44 of 78

**KEYSPAN GAS EAST CORPORATION** 

Nila lon By:\_ Name: William J. Akley

**Title: President** 

### THE BROOKLYN UNION GAS COMPANY

By:

Name: Kenneth D. Daly Title: President

# NATIONAL GRID ELECTRIC SERVICES LLC

By:\_

Name: John Bruckner Title: Senior Vice President

#### NATIONAL GRID GENERATION LLC

By:\_\_\_

Name: Rudolph L. Wynter, Jr. Title: President

# NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_\_\_

Name: Sharon Partridge Title: Vice President

# **KEYSPAN GAS EAST CORPORATION**

By:

Name: William J. Akley Title: President

# THE BROOKLYN UNION GAS COMPANY

By: Kenneth D. Daly Name: Kenneth D. Daly Title: President

NATIONAL GRID ELECTRIC SERVICES LLC

By:\_\_

Name: John Bruckner Title: Senior Vice President

#### NATIONAL GRID GENERATION LLC

By:\_\_\_

Name: Rudolph L. Wynter, Jr. Title: President

### NATIONAL GRID ENGINEERING & SURVEY INC.

By:

Name:Sharon PartridgeTitle:Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 46 of 78

# KEYSPAN GAS EAST CORPORATION

By:\_\_

Name: William J. Akley Title: President

# THE BROOKLYN UNION GAS COMPANY

By:\_\_\_\_

Name: Kenneth D. Daly Title: President

NATIONAL GRAD ELECTRIC SERVICES LLC un Bv: Name: John Bruckner

Title: Seniør Vice President

### NATIONAL GRID GENERATION LLC

By:

Name: Rudolph L. Wynter, Jr. Title: President

#### NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_

Name: Sharon Partridge Title: Vice President

# **KEYSPAN GAS EAST CORPORATION**

By:\_\_\_\_

Name: William J. Akley Title: President

#### THE BROOKLYN UNION GAS COMPANY

Ву:\_\_\_\_\_

Name: Kenneth D. Daly Title: President

### NATIONAL GRID ELECTRIC SERVICES LLC

By:\_\_\_\_\_

Name: John Bruckner Title: Senior Vice President

NATIONAL GRID GENERATION LLC

By: <u>Rudolph L. Wynter</u>, Jr. in

Title: President

#### NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_\_\_\_\_

Name: Sharon Partridge Title: Vice President

# **KEYSPAN GAS EAST CORPORATION**

By:\_\_\_\_

Name: William J. Akley Title: President

# THE BROOKLYN UNION GAS COMPANY

By:\_\_

Name: Kenneth D. Daly Title: President

#### NATIONAL GRID ELECTRIC SERVICES LLC

By:\_

Name: John Bruckner Title: Senior Vice President

# NATIONAL GRID GENERATION LLC

By:\_\_

Name: Rudolph L. Wynter, Jr. Title: President

NATIONAL GRID ENGINEERING & SURVEY INC.

astrid By:

Name: Sharon Partridge Title: Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 49 of 78

# nationalgrid

Effective as of March 19, 2015 ("Effective Date")

#### Re: Extension of Mutual Assistance Agreement

Reference is made to the Mutual Assistance Agreement dated as of March 28, 2008 executed by the undersigned parties (the "Agreement"). In accordance with Paragraph 6 of the Agreement, the undersigned hereby agree to extend the Agreement for an additional 364 days by extending the Termination Date of the Agreement to March 19, 2016 ("Extended Termination Date"). The Agreement shall continue in full force and effect through such Extended Termination Date. This instrument may be executed in multiple counterparts, each of which shall be considered an original.

IN WITNESS WHEREOF, each of the undersigned has caused this instrument to be signed in its name and behalf by its duly authorized representative as of the Effective Date.

MASSACHUSETTS ELECTRIC COMPANY

marcy 2 reed By:

Name: Marcy L. Reed Title: President

#### NANTUCKET ELECTRIC COMPANY

By:

Name: Marcy L. Reed Title: President

By: do-

Name: Rudolph L. Wynter, Jr. Title: President

#### NIAGARA MOHAWK POWER CORPORATION

By:

Name: Kenneth D. Daly Title: President

BOSTON GAS COMPANY

By:\_

Name: Marcy L. Reed Title: President

COLONIAL GAS COMPANY

By:\_

Name: Marcy L. Reed Title: President

By:

Name: Rudolph L. Wynter, Jr. Title: President

### NIAGARA MOHAWK POWER CORPORATION

Ľ By: Name: Kenneth D. Daly

Title: President

# BOSTON GAS COMPANY

By:\_

Name: Marcy L. Reed Title: President

# COLONIAL GAS COMPANY

By:\_\_\_

Name: Marcy L. Reed Title: President

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

#### NIAGARA MOHAWK POWER CORPORATION

By:\_\_

Name: Kenneth D. Daly Title: President

#### BOSTON GAS COMPANY

By: Marcy freed

Name: Marcy L. Reed Title: President

COLONIAL GAS COMPANY

By: Margheed

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 53 of 78

THE NARRAGANSETT ELECTRIC COMPANY By:

Name: Timothy F. Horan Title: President

# NEW ENGLAND POWER COMPANY

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

# NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By:\_\_\_

Name: Rudolph L. Wynter, Jr. Title: President

# NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

By:\_\_

Name: Rudolph L. Wynter, Jr. Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 54 of 78

#### THE NARRAGANSETT ELECTRIC COMPANY

By:

Name: Timothy F. Horan Title: President

NEW ENGLAND POWER COMPANY

Xudae By:\_ L

Name: Rudolph L. Wywer, Jr. Title: President

NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By: wola 0 Name: Rudolph L. Wynter, Y.

Name: Rudolph L. Wynter, J Title: President

NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

de By: v

Name: Rudolph L. Wynter, Jr. Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 55 of 78

# KEYSPAN GAS EAST CORPORATION By: EVER B H dclle

Name: Evelyn B. Liddle Title: President

#### THE BROOKLYN UNION GAS COMPANY

By:\_\_

Name: Kenneth D. Daly Title: President

#### NATIONAL GRID ELECTRIC SERVICES LLC

By:\_\_\_

Name: John Bruckner Title: Senior Vice President

#### NATIONAL GRID GENERATION LLC

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

#### NATIONAL GRID ENGINEERING & SURVEY INC.

By:

Name: Sharon Partridge Title: Vice President

# **KEYSPAN GAS EAST CORPORATION**

By:\_\_\_

Name: Evelyn B. Liddle Title: President

# THE BROOKLYN UNION GAS COMPANY

By: Name: Kenneth D. Daly Title: President

### NATIONAL GRID ELECTRIC SERVICES LLC

By:\_\_

Name: John Bruckner Title: Senior Vice President

#### NATIONAL GRID GENERATION LLC

By:\_\_

Name: Rudolph L. Wynter, Jr. Title: President

# NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_\_

Name: Sharon Partridge Title: Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 57 of 78

# **KEYSPAN GAS EAST CORPORATION**

By:\_\_\_

Name: Evelyn B. Liddle Title: President

# THE BROOKLYN UNION GAS COMPANY

By:

Name: Kenneth D. Daly Title: President

NATIONAL GRID BLECTRIC SERVICES LLC By: Name: John Bruckner

Title: Senior Vice President

NATIONAL GRID GENERATION LLC

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

NATIONAL GRID ENGINEERING & SURVEY INC.

By:

Name: Sharon Partilige Title: Vice President

# **KEYSPAN GAS EAST CORPORATION**

By:

Name: Evelyn B. Liddle Title: President

#### THE BROOKLYN UNION GAS COMPANY

By:\_\_\_

Name: Kenneth D. Daly Title: President

# NATIONAL GRID ELECTRIC SERVICES LLC

By:\_\_

Name: John Bruckner Title: Senior Vice President

NATIONAL GRID GENERATION LLC 26 By: Name: Rudolph L. Wynter, Jr.

Title: President

#### NATIONAL GRID ENGINEERING & SURVEY INC.

By:

Name: Sharon Partridge Title: Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 59 of 78

# nationalgrid

Effective as of March 19, 2016 ("Effective Date")

Re: Extension of Mutual Assistance Agreement

Reference is made to the Mutual Assistance Agreement dated as of March 28, 2008 executed by the undersigned parties (the "Agreement"). In accordance with Paragraph 6 of the Agreement, the undersigned hereby agree to extend the Agreement for an additional 365 days by extending the Termination Date of the Agreement to March 19, 2017 ("Extended Termination Date"). The Agreement shall continue in full force and effect through such Extended Termination Date. This instrument may be executed in multiple counterparts, each of which shall be considered an original.

IN WITNESS WHEREOF, each of the undersigned has caused this instrument to be signed in its name and behalf by its duly authorized representative as of the Effective Date.

MASSACHUSETTS ELECTRIC COMPANY

By: Man

Name: March L. Reed Title: President

NANTUCKET ELECTRIC COMPANY

By: Marci

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 60 of 78

THE NARBAGANSETT ELECTRIC COMPANY By: Name, Timothy . Horan Title: President

#### NEW ENGLAND POWER COMPANY

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

# NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

# NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

By:\_\_

Name: Rudolph L. Wynter, Jr. Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 61 of 78

### THE NARRAGANSETT ELECTRIC COMPANY

By:

By:

Name: Timothy F. Horan Title: President

NEW ENGLAND POWER COMPANY

Rudolph Wyster

Name: Rudolph L. Wynter, Jr. Title: President

NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

Rudolph Wyster By:

Name: Rudolph L. Wynter, Jr. Title: President

NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

Rudolph Wyates By:

Name: Rudolph L. Wynter, Jr. Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 62 of 78

# NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

Rudolph Wyster By:

Name: Rudolph L. Wynter, Jr. Title: President

# NIAGARA MOHAWK POWER CORPORATION

#### By:

Name: Kenneth D. Daly Title: President

# BOSTON GAS COMPANY

By:\_

Name: Marcy L. Reed Title: President

# COLONIAL GAS COMPANY

By:\_

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 63 of 78

# NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

# NIAGARA MOHAWK POWER CORPORATION

By:\_ Kunth D.D.

Name: Kenneth D. Daly Title: President

# BOSTON GAS COMPANY

By:\_

Name: Marcy L. Reed Title: President

# COLONIAL GAS COMPANY

By:\_

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 64 of 78

# NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

#### NIAGARA MOHAWK POWER CORPORATION

By:\_

Name: Kenneth D. Daly Title: President

# BOSTON GAS COMPANY

By: Margh ud

Name: Marcy L. Reed Title: President

# COLONIAL GAS COMPANY

By: Marghuld

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 65 of 78

# **KEYSPAN GAS EAST CORPORATION**

By: Kenneth D. Daly Name: Kenneth D. Daly Title: President

# THE BROOKLYN UNION GAS COMPANY

th By:

Name: Kenneth D. Da Title: President

#### NATIONAL GRID ELECTRIC SERVICES LLC

By:\_

Name: John Bruckner Title: Senior Vice President

# NATIONAL GRID GENERATION LLC

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

# NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_

Name: Sharon Partridge Title: Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 66 of 78

# **KEYSPAN GAS EAST CORPORATION**

By:\_\_\_

Name: Kenneth D. Daly Title: President

#### THE BROOKLYN UNION GAS COMPANY

By:\_\_\_\_

Name: Kenneth D. Daly Title: President

NATIONAL GRID ELECTRIC SERVICES LLC B Name: John Bruckner Title: Senior Vice President

# NATIONAL GRID GENERATION LLC

By:

Name: Rudolph L. Wynter, Jr. Title: President

### NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_

Name: Sharon Partridge Title: Vice President

#### **KEYSPAN GAS EAST CORPORATION**

By:

Name: Kenneth D. Daly Title: President

#### THE BROOKLYN UNION GAS COMPANY

By:\_\_

Name: Kenneth D. Daly Title: President

### NATIONAL GRID ELECTRIC SERVICES LLC

#### By:\_

Name: John Bruckner Title: Senior Vice President

NATIONAL GRID GENERATION LLC

Rualouph Wyster By:

Name: Rudolph L. Wynter, Jr. Title: President

### NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_\_

Name: Sharon Partridge Title: Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 68 of 78

### **KEYSPAN GAS EAST CORPORATION**

By:

Name: Kenneth D. Daly Title: President

#### THE BROOKLYN UNION GAS COMPANY

By:\_\_\_\_

Name: Kenneth D. Daly Title: President

# NATIONAL GRID ELECTRIC SERVICES LLC

By:\_\_\_

Name: John Bruckner Title: Senior Vice President

### NATIONAL GRID GENERATION LLC

By:\_\_\_\_

Name: Rudolph L. Wynter, Jr. Title: President

NATIONAL GRID ENGINEERING & SURVEY INC.

By: <u>Hawa Participe</u>

Title: Vice President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 69 of 78

# nationalgrid

Effective as of March 19, 2017 ("Effective Date")

Re: Extension of Mutual Assistance Agreement

Reference is made to the Mutual Assistance Agreement dated as of March 28, 2008 executed by the undersigned parties (the "Agreement"). In accordance with Paragraph 6 of the Agreement, the undersigned hereby agree to extend the Agreement for an additional 365 days by extending the Termination Date of the Agreement to March 19, 2018 ("Extended Termination Date"). The Agreement shall continue in full force and effect through such Extended Termination Date. This instrument may be executed in multiple counterparts, each of which shall be considered an original.

IN WITNESS WHEREOF, each of the undersigned has caused this instrument to be signed in its name and behalf by its duly authorized representative as of the Effective Date.

#### MASSACHUSETTS ELECTRIC COMPANY

By: Marcifled

Name: Marcy L. Reed Title: President

NANTUCKET ELECTRIC COMPANY

By: Marga

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 70 of 78

THE NARRAGANSETT ELECTRIC COMPANY 4.10 By: Name: Throthy F/Horan Title: President

#### NEW ENGLAND POWER COMPANY

By:\_\_\_

Name: Rudolph L. Wynter, Jr. Title: President

# NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

#### NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 71 of 78

#### THE NARRAGANSETT ELECTRIC COMPANY

By:

Name: Timothy F. Horan Title: President

NEW ENGLAND POWER COMPANY

By Name: Rudolph L. Wynter, Jr.

Title: President

NEW ENGLAND ELECTRIC TRANSMISSION CORPORATION

40 By: 4

Name: Rudolph L. Wynter, Jr. Title: President

NEW ENGLAND HYDRO-TRANSMISSION CORPORATION

By: Name: Rudolph L. Wynter, Jr. Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 72 of 78

# KEYSPAN GAS EAST CORPORATION

By: Ker Daly Name: Kenneth D. Daly

Title: President

#### THE BROOKLYN UNION GAS COMPANY

Va. D. By: K

Name: Kenneth D. Daly Title: President

### NATIONAL GRID ELECTRIC SERVICES LLC

By:

Name: John Bruckner Title: Senior Vice President

#### NATIONAL GRID GENERATION LLC

By:\_

Name: Rudolph L. Wynter, Jr. Title: President

#### NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_

Name: Sharon Partridge

Title: Vice President and Controller

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 73 of 78

#### KEYSPAN GAS EAST CORPORATION

By:\_\_

Name: Kenneth D. Daly Title: President

#### THE BROOKLYN UNION GAS COMPANY

#### By:\_

Name: Kenneth D. Daly Title: President

NATIONAL GRID ELECTRIC SERVICES LLC ł By:

Name: John Bruckner Title: Senior Vice President

#### NATIONAL GRID GENERATION LLC

By:

Name: Rudolph L. Wynter, Jr. Title: President

#### NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_

Name: Sharon Partridge Title: Vice President and Controller

# KEYSPAN GAS EAST CORPORATION

By:

Name: Kenneth D. Daly Title: President

# THE BROOKLYN UNION GAS COMPANY

By:

Name: Kenneth D. Daly Title: President

#### NATIONAL GRID ELECTRIC SERVICES LLC

#### By:\_\_

Name: John Bruckner Title: Senior Vice President

NATIONAL GRID GENERATION LLC

Catol By: 2 Name: Rudolph L. Wynter, Jr.

Name: Rudolph L. Wynter, Title: President

NATIONAL GRID ENGINEERING & SURVEY INC.

By:\_\_

Name: Sharon Partridge Title: Vice President and Controller

#### KEYSPAN GAS EAST CORPORATION

By:\_\_

Name: Kenneth D. Daly Title: President

### THE BROOKLYN UNION GAS COMPANY

By:\_\_

Name: Kenneth D. Daly Title: President

#### NATIONAL GRID ELECTRIC SERVICES LLC

By:\_\_

Name: John Bruckner Title: Senior Vice President

### NATIONAL GRID GENERATION LLC

By:\_\_

Name: Rudolph L. Wynter, Jr. Title: President

NATIONAL GRID ENGINEERING & SURVEY INC.

By:

Name: Sharon Partiage Title: Vice President and Controller

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 76 of 78

NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY\_INC.

By: Name: Rudolph L. Wynter, Jr. Title: President

# NIAGARA MOHAWK POWER CORPORATION

By:\_\_

Name: Kenneth D. Daly Title: President

#### BOSTON GAS COMPANY

By:\_\_\_

Name: Marcy L. Reed Title: President

# COLONIAL GAS COMPANY

By:\_

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 77 of 78

# NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

By:\_\_\_\_

Name: Rudolph L. Wynter, Jr. Title: President

# NIAGARA MOHAWK POWER CORPORATION

By: Ker Daly

Name: Kenneth D. Daly Title: President

#### BOSTON GAS COMPANY

Ву:\_\_\_\_

Name: Marcy L. Reed Title: President

### COLONIAL GAS COMPANY

By:

Name: Marcy L. Reed Title: President

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4686 Attachment RR-1 Page 78 of 78

# NEW ENGLAND HYDRO-TRANSMISSION ELECTRIC COMPANY, INC.

By:\_\_\_\_\_\_ Name: Rudolph L. Wynter, Jr. Title: President

#### NIAGARA MOHAWK POWER CORPORATION

\_\_\_\_\_

By:\_\_\_\_\_ Name: Kenneth D. Daly Title: President

# BOSTON GAS COMPANY

By: <u>MMC AllA</u> Name: Marcy L. Reed

Title: President

# COLONIAL GAS COMPANY

By: <u>Marcy L. Reed</u>

Title: President