October 21, 2021

VIA ELECTRONIC MAIL

Luly E. Massaro, Division Clerk
Rhode Island Division of Public Utilities and Carriers
89 Jefferson Boulevard
Warwick, RI 02888

RE: Docket D-21-09 – Petition of PPL Corporation, PPL Rhode Island Holdings, LLC, National Grid USA, and The Narragansett Electric Company for Authority to Transfer Ownership of The Narragansett Electric Company to PPL Rhode Island Holdings, LLC and Related Approvals
Responses to Green Energy Consumers Alliance Data Requests – Set 1

Dear Ms. Massaro:

On behalf of National Grid USA and The Narragansett Electric Company (together, “National Grid”), enclosed are National Grid’s responses to the first set of data requests issued to National Grid by Green Energy Consumers Alliance in the above-referenced proceeding.¹

Thank you for your attention to this matter. If you have any questions, please contact me at 401-784-7288.

Very truly yours,

Jennifer Brooks Hutchinson

¹ Although this is a Division of Public Utilities and Carriers (“Division”) filing, consistent with Public Utilities Commission’s filing requirements during the COVID-19 emergency period, National Grid is submitting an electronic version of this filing. National Grid will provide the Division Clerk with five hard copies within 24 hours and, if needed, additional hard copies of the enclosures upon request.
cc: Docket D-21-09 Service List (electronic only)
    John Bell, Division
    Leo Wold, Esq.
    Christy Hetherington, Esq.
    Scott H. Strauss, Esq. (electronic only)
    Latif M. Nurani, Esq. (electronic only)
    Amber L. Martin Stone, Esq. (electronic only)
    Anree G. Little, Esq. (electronic only)
National Grid USA and The Narragansett Electric Company

GECA 1-1

Request:

Recently enacted RIGL §42-6.2 et seq. creates legally enforceable targets for greenhouse gas emissions reductions beginning in 2030 through 2050. Please share any studies conducted or reports published by National Grid regarding how it or any other utility could achieve mandatory greenhouse gas emissions reductions?

Response:

National Grid USA and The Narragansett Electric Company (“Narragansett”) have not conducted or published any studies or reports specific to the greenhouse gas (“GHG”) emission reduction targets set forth in R.I. Gen. Laws §42-6.2-1, et seq., also known as the 2021 Act on Climate (the “2021 Act”). At this time, the 2021 Act does not require public utilities to comply with any specific rules or requirements. The GHG emission reduction targets established in the 2021 Act are economy-wide targets and specific targets for the utility sector are still to be ascertained. Therefore, it is unknown how future rules and regulations implementing the new targets under the 2021 Act will implicate the utility sector. Please also see National Grid USA and Narragansett’s response to Data Request AG 1-30 for additional information regarding the implications of the 2021 Act on Narragansett’s business plan.

Notwithstanding the above, National Grid USA is committed to helping its customers, state and federal agencies, and other stakeholders achieve their clean energy goals, and has conducted a number of studies and reports regarding how it could help achieve mandatory GHG emissions reductions. For example, the Resilient Rhode Island Act of 2014 (“2014 Act”), which the 2021 Act amended, was one of the drivers for Narragansett’s grid modernization strategy as outlined in its Grid Modernization Plan (“GMP”), which was filed with the Rhode Island Public Utilities Commission (“PUC”) in January 2021 in Docket No. 5114.1 The GMP includes a “High Distributed Energy Resource” scenario that was developed based on meeting the GHG emissions reduction targets established by the 2014 Act (i.e., 45 percent below 1990 levels by 2035 and 80 percent below 1990 levels by 2050).2 A complete copy of the GMP Business Case and Implementation Plan is available at the following link:

1 The PUC stayed the GMP proceeding pending the outcome of the Rhode Island Division of Public Utilities and Carriers’ review in this proceeding. See Order No. 24089, PUC Docket No. 5114 (July 14, 2021).
2 The grid modernization investments outlined in the GMP will help Rhode Island meet its clean energy goals by enabling greater customer energy savings and distributed energy resources (“DER”) adoption (i.e., renewable distributed generation, demand response, electric vehicles, electric heat pumps). Enabling DER adoption, in particular, is a key driver for meeting the State’s clean energy needs because it will enable customers to reduce their overall carbon footprint, including reducing transportation-related emissions that make up 40 percent of the State’s

Prepared by or under the supervision of: Stephen Lasher
In addition, National Grid USA has commissioned Narragansett-sponsored or Narragansett-affiliated studies in the U.S. and the U.K. related to the decarbonization of natural gas and/or the gas network to better understand how it or any other utilities could help achieve mandatory GHG emissions reductions. A description of these studies, together with redacted copies of the studies are included in Narragansett’s response to Data Request PUC 1-1 in PUC Docket No. 5079, a copy of which is provided as Attachment NG-GECA 1-1.
The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5079
In Re: National Grid’s Tariff Advice Filing to
Amend RIPUC NG-GAS-No. 101
Response to Commission’s First Set of Data Request
Issued November 5, 2020

PUC 1-1

Request:

Please provide a list of all studies that have been performed or are scheduled to be performed by the Company and any of its National Grid affiliates in the U.S. or the U.K. which relate directly to the decarbonization of natural gas with the goal of reduced greenhouse gas emissions. Please provide the following on the list: (a) name of study, (b) date of study commencement, (c) date of study completion, (d) name of National Grid entity that sponsored, funded, and/or performed the study, (e) a concise description of the study, (f) cost of the study (estimated or actual if known), and (g) a note indicating whether the study was directly funded by ratepayers or funded by the entity in the ordinary course of business (if funded by ratepayers, describe the mechanism).

Response:

Attachments PUC 1-1-1 through 1-1-3 contain the information requested on all Company-sponsored or Company-affiliated studies in the U.S. and the U.K. related to the decarbonization of natural gas and/or the gas network for the purpose of reducing greenhouse gas (“GHG”) emissions with corresponding headers (a) through (g). These attachments reflect all of the studies known to the Company at this time. For several studies, certain information requested remains unknown or the Company has not been able to confirm certain information.

The Company has organized these studies into the following three categories:

- Attachment PUC 1-1-1: Pathways Studies
- Attachment PUC 1-1-2: Potential Studies
- Attachment PUC 1-1-3: Engineering Studies

National Grid’s Pathways Studies consider possible future outcomes by analyzing several alternative pathways, each grounded by a different set of assumptions related to technical potential, economics, regulatory and legislative mandates, etc. National Grid’s work evaluating the possible options for meeting regional or jurisdictional GHG reduction targets fall within this group of studies. The “Potential Studies” entail work aimed at determining the viability of a new service or product, the current and likely future availability of the service or product, along with the benefits imputed to customers and communities. For example, this category includes National

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1 The PUC’s original data request had two items designated as subsection “(d)”—the Company believes this may have been a typographical error and has, therefore, replaced the consecutive “(d)” with an “(e)” and continued with the alphabetical designation of the subsections.
Grid’s efforts to assess the technical and economic potential for renewable natural gas (“RNG”) feedstocks and demand across jurisdictions, as well as determining the future capacity and ability of the gas distribution system to store and distribute hydrogen in a cost competitive manner to other options.

These first two types of studies often precede – and may even be necessary prerequisites for moving forward with – the final category: Engineering Studies. A Potential Study might even be used to identify a candidate site for an Engineering Study. Once a site is identified, a front-end engineering and design (“FEED”) study will be conducted to determine the feasibility and viability of a specific project site, equipment specifications, preliminary design, and preliminary budget numbers. The Engineering Study, “Newtown Creek FEED Study,” listed in Attachment PUC 1-1-3, is an example of this type of work, and it is similar in estimated scope and cost to the gas decarbonization FEED study the Company proposes to develop for Rhode Island, subject to the PUC’s approval of the Company’s proposed tariff changes. As indicated in the Company’s Tariff Advice Filing, the Company is developing a FEED study suitable for a competitive bidding process or Request for Proposals from experienced engineering consultants. The Company intends to consult with the Rhode Island Division of Public Utilities and Carriers (“Division”) regarding the proposed scope of the FEED study and will present the FEED study to the PUC and to the Division for the necessary approvals.

The majority of the studies referenced were or are funded via base distribution rates (or the equivalent in the U.K.) yet are cross-jurisdictional in scope. National Grid believes it is now at a juncture where it’s imperative to begin rigorously studying each of its U.S. jurisdictions individually because no two gas networks are the same, nor are the needs of the customers within these territories. This is especially true in Rhode Island, where the governor launched the Heating Sector Transformation Initiative in 2019 with the goal of reducing emissions from the heating sector. And while state-level decarbonization targets across National Grid’s territories have started to converge, their economies have not. National Grid recognizes the ever-present balancing act between decarbonization and affordability is even more challenging as a result of the COVID Pandemic. Consequently, the Company will continue to carefully endeavor to propose and engage in gas decarbonization studies that not only reduce GHG emissions to further propel the state to achieve its goals, but also lead to truly affordable products and services being available to all customers in Rhode Island.
<table>
<thead>
<tr>
<th>Study Name</th>
<th>Commencement Date</th>
<th>Completion Date</th>
<th>Entity that Sponsored, Funded and/or Performed the Study</th>
<th>Study Description</th>
<th>Actual/Estimated Study Cost</th>
<th>Reason for Incomplete Information</th>
<th>Co.</th>
<th>Confidential?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future of Gas: How Gas Can Support a Low Carbon Future</td>
<td>March 2018</td>
<td></td>
<td>Sponsored: National Grid UK</td>
<td>Report highlighted the committed actions the Company will take, and made</td>
<td>R&amp;D-1 (Equivalent of US Base Rates)</td>
<td>Unable to confirm commencement date and study cost</td>
<td>UK</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Funded: National Grid UK</td>
<td>recommendations to policymakers to help it transition to a low carbon landscape.</td>
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<td>Performed: National Grid UK</td>
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<tr>
<td>National Grid USA White Paper</td>
<td>June 2019</td>
<td></td>
<td>Sponsored: National Grid USA</td>
<td>Northeast USA Pathway white paper examining and highlighting the actions and</td>
<td>R&amp;D-1 (Equivalent of US Base Rates)</td>
<td>Unable to confirm commencement date</td>
<td>US</td>
<td>N</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Funded: National Grid USA</td>
<td>paths the Company can and will take to reduce GHG emissions and meet state's</td>
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<td></td>
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<td>Performed: National Grid USA</td>
<td>low-carbon goals.</td>
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<tr>
<td>Pathways to Net Zero: Decarbonizing the Gas Networks in Great Britain</td>
<td>October 2019</td>
<td></td>
<td>Sponsored: National Grid UK (it is a member)</td>
<td>Strategic report commissioned by UK Energy Networks Association focused on</td>
<td>R&amp;D-1 (Equivalent of US Base Rates)</td>
<td>Unable to confirm commencement date</td>
<td>UK</td>
<td>N</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Funded: National Grid UK &amp; Assoc. Members</td>
<td>identifying options for decarbonizing the gas networks in Great Britain.</td>
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<td></td>
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<td>Performed: Navigate</td>
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<tr>
<td>Aquidneck Island Long Term Gas Capacity Study</td>
<td>June 2020</td>
<td>September 2020</td>
<td>Sponsored: National Grid USA</td>
<td>Examines potential solutions specific to Aquidneck Island to address the gas</td>
<td>$290K</td>
<td>Company</td>
<td>US</td>
<td>N</td>
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<td></td>
<td></td>
<td></td>
<td>Funded: National Grid USA</td>
<td>capacity constraint and vulnerability needs faced by the island. Aims to inform</td>
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<td>Performed: National Grid USA and Guidehouse</td>
<td>discussions and enable gathering of feedback from a variety of stakeholders, so</td>
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<td>National Grid can then provide a recommendation for the most prudent path</td>
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<td>forward and pursue a long-term solution for Aquidneck Island. Included an option</td>
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<td>to pursue hydrogen production and blending, with only a high level preliminary</td>
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<td>cost estimate prepared by National Grid staff.</td>
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<tr>
<td>Future Energy Scenarios</td>
<td>July 2020</td>
<td></td>
<td>Sponsored: National Grid ESO</td>
<td>Annual long-term scenario exercise by the UK electricity system operator (ESO) to</td>
<td>R&amp;D-1 (Equivalent of US Base Rates)</td>
<td>Unable to confirm commencement date</td>
<td>UK</td>
<td>N</td>
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<td></td>
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<td>Funded: National Grid ESO</td>
<td>provide a range of different, credible ways to decarbonize the UK energy system,</td>
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<td>Performed: National Grid ESO</td>
<td>working toward the country’s net zero target. Includes scenarios which</td>
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<td>decarbonization path, but also includes options with near-zero scenarios.</td>
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<tr>
<td>New York City Pathways Study</td>
<td>April 2018</td>
<td>February 2021</td>
<td>Sponsored: New York City Mayor’s Office, National Grid USA</td>
<td>Integrated system analysis of deep decarbonization scenarios for New York City</td>
<td>$530K</td>
<td>Base Rates</td>
<td>US</td>
<td>N</td>
</tr>
<tr>
<td></td>
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<td>Funded: New York City Mayor’s Office, National Grid USA</td>
<td>through 2030. Rigorous modeling of cost and viability by sector. Emphasis on</td>
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<td>Performed: ESI, Energy Futures Initiative,</td>
<td>decarbonizing buildings and heat, with deep dive into implications per technology</td>
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<td>Stevens Institute</td>
<td>for energy efficiency, electrification and low carbon fuels.</td>
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<tr>
<td>Enabling the Gas Markets Place 2018/2020</td>
<td>Ongoing</td>
<td></td>
<td>Sponsored: National Grid UK</td>
<td>The 'Enabling the Gas Markets Plan' is a 3-10 year look ahead plan following on</td>
<td>R&amp;D-1 (Equivalent of US Base Rates)</td>
<td>Unable to confirm commencement date</td>
<td>UK</td>
<td>N</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Funded: National Grid UK</td>
<td>from the 2018 Future of Gas report.</td>
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<td></td>
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<td>Performed: National Grid UK</td>
<td>There is no direct cost as it is a</td>
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</tr>
</tbody>
</table>

**The Narragansett Electric Company**
d/b/a National Grid
RIPUC Docket No. 5079
Attachment PUC 1-1-1
The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 5079  
Attachment PUC 1-1-2

**Renewable Gas - Vision for a Sustainable Gas Network**  
Q3 2009  
Completed: July 2010  
Sponsored: National Grid USA  
Funded: National Grid USA  
Performed: National Grid USA  

2010 National Grid study that looked at regional potential of RNG.  
$150K  
Base Rates  
US  
N

**Potential for Pipeline Quality Gas from Renewable Sources**  
March 2010  
Completed: September 2011  
Sponsored: National Grid USA  
Funded: National Grid USA  
Performed: GTI  

A study of potential and practical RNG feedstocks in New England and NY. Study modeled scenarios for RNG production from various feed stocks and economics to develop and deliver RNG to market.  
$35K  
Base Rates  
US  
N

**Hydrogen Addition to Natural Gas Feasibility Study (HyStart Report)**  
August 2016  
Sponsored: National Grid USA  
Funded: National Grid USA  
Performed: DNV-GL  

Hydrogen blending feasibility study.  
Unsure  
Study cost and funding mechanism.  
UK  
N

**Renewable Sources of Natural Gas: Supply & Emissions Reductions Assessment**  
April 2019  
Completed: December 2019  
Sponsored: American Gas Foundation (AGF)  
Funded: National Grid USA & AGF Members  
Performed: ICF  

RNG market assessment study conducted by AGF on behalf of AGF. This is a national study for which Grid provided funding.  
$50K  
Base Rates  
US  
N

**Policy Options to Facilitate Renewable Natural Gas Use & Development**  
Q3 2019  
Completed: July 2019  
Sponsored: Downstream Initiative (DSI)  
Funded: National Grid USA & DSI Members  
Performed: DSI  

Document I of IV prepared by Downstream Initiative (DSI) in Summer of 2019. National Grid is a member of DSI. Annual dues of $45K  
Unsure  
Study cost.  
US  
N

**Natural Gas Utility Business Models or Facilitating Renewable Natural Gas Development & Use**  
Q3 2019  
Completed: July 2019  
Sponsored: Downstream Initiative (DSI)  
Funded: National Grid USA & DSI Members  
Performed: DSI  

Document II of IV prepared by Downstream Initiative (DSI) in Summer of 2019. National Grid is a member of DSI. Annual dues of $45K  
Unsure  
Study cost.  
US  
N

**Renewable Natural Gas: Potential Supply & Benefits**  
Q3 2019  
Completed: July 2019  
Sponsored: Downstream Initiative (DSI)  
Funded: National Grid USA & DSI Members  
Performed: DSI  

Document III of IV prepared by Downstream Initiative (DSI) in Summer of 2019. National Grid is a member of DSI. Annual dues of $45K  
Unsure  
Study cost.  
US  
N

**Renewable Natural Gas Project Economics**  
Q3 2019  
Completed: July 2019  
Sponsored: Downstream Initiative (DSI)  
Funded: National Grid USA & DSI Members  
Performed: DSI  

Document IV of IV prepared by Downstream Initiative (DSI) in Summer of 2019. National Grid is a member of DSI. Annual dues of $45K  
Unsure  
Study cost.  
US  
N

**Heating our Homes in a Net-Zero Future: Understanding What Matters to Consumers**  
September 2020  
Sponsored: National Grid UK  
Funded: National Grid UK  
Performed: IC & Economics for the Environment (Consultancy Ltd.)  

Study focuses on understanding what really matters to consumers when thinking about how they will heat their homes in a net-zero future.  
$350K  
Unsure  
Study cost.  
UK  
N

**Hydrogen Blending Demonstration Project**  
December 2019  
Completed: December 2021  
Sponsored: NYSERDA  
Funded: National Grid USA, NYSERDA & Stony Brook University  
Performed: Stony Brook/GIT  

This project will determine the future capacity and ability gas distribution and related systems to store and distribute hydrogen in a cost competitive manner to other options.  
$445K  
Base Rates  
US  
N

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**Table of Potential Studies**

<table>
<thead>
<tr>
<th>Study Name</th>
<th>Commencement Date</th>
<th>Completion Date</th>
<th>Entity that Sponsored, Funded and/or Performed the Study</th>
<th>Study Description</th>
<th>Actual/Estimated Study Cost</th>
<th>Funding Mechanism?</th>
<th>Reason for Incomplete Information</th>
<th>Co. Confidential?</th>
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<td>March 2010</td>
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<td>A study of potential and practical RNG feedstocks in New England and NY. Study modeled scenarios for RNG production from various feed stocks and economics to develop and deliver RNG to market.</td>
<td>$35K</td>
<td>Base Rates</td>
<td></td>
<td>US</td>
</tr>
<tr>
<td>Hydrogen Addition to Natural Gas Feasibility Study (HyStart Report)</td>
<td>August 2016</td>
<td></td>
<td>National Grid USA</td>
<td>Hydrogen blending feasibility study.</td>
<td></td>
<td></td>
<td>Unable to confirm commencement date, study cost, and funding mechanism.</td>
<td>UK</td>
</tr>
<tr>
<td>Renewable Sources of Natural Gas: Supply &amp; Emissions Reductions Assessment</td>
<td>April 2019</td>
<td>December 2019</td>
<td>National Grid USA</td>
<td>RNG market assessment study conducted by AGF on behalf of AGF. This is a national study for which Grid provided funding.</td>
<td>$50K</td>
<td>Base Rates</td>
<td></td>
<td>US</td>
</tr>
<tr>
<td>Policy Options to Facilitate Renewable Natural Gas Use &amp; Development</td>
<td>Q3 2019</td>
<td>July 2019</td>
<td>National Grid USA</td>
<td>Document I of IV prepared by Downstream Initiative (DSI) in Summer of 2019. National Grid is a member of DSI. Annual dues of $45K</td>
<td></td>
<td>Base Rates</td>
<td></td>
<td>US</td>
</tr>
<tr>
<td>Renewable Natural Gas Project Economics</td>
<td>Q3 2019</td>
<td>July 2019</td>
<td>National Grid USA</td>
<td>Document IV of IV prepared by Downstream Initiative (DSI) in Summer of 2019. National Grid is a member of DSI. Annual dues of $45K</td>
<td></td>
<td>Base Rates</td>
<td></td>
<td>US</td>
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<td>Heating our Homes in a Net-Zero Future: Understanding What Matters to Consumers</td>
<td>September 2020</td>
<td></td>
<td>National Grid UK</td>
<td>Study focuses on understanding what really matters to consumers when thinking about how they will heat their homes in a net-zero future.</td>
<td>$350K</td>
<td>Unsure</td>
<td></td>
<td>UK</td>
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<td>Hydrogen Blending Demonstration Project</td>
<td>December 2019</td>
<td>December 2021</td>
<td>NYSERDA, National Grid USA, NYSERDA &amp; Stony Brook University</td>
<td>This project will determine the future capacity and ability gas distribution and related systems to store and distribute hydrogen in a cost competitive manner to other options.</td>
<td>$445K</td>
<td>Base Rates</td>
<td></td>
<td>US</td>
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</tbody>
</table>
## Engineering Studies

<table>
<thead>
<tr>
<th>Study Name</th>
<th>Commencement Date</th>
<th>Completion Date</th>
<th>Entity that Sponsored, Funded and/or Performed the Study</th>
<th>Study Description</th>
<th>Actual/Estimated Study Cost</th>
<th>Funding Mechanism?</th>
<th>Reason for Incomplete Information Co.</th>
<th>Confidential?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newtown Creek FEED Study</td>
<td>August 2009</td>
<td>2010</td>
<td>Sponsored: National Grid USA</td>
<td>A feasibility study was conducted to determine the viability of the site, available gas-cleanup systems in industry, equipment specifications, preliminary design, and preliminary budget numbers.</td>
<td>$345K Base Rates</td>
<td></td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>Impact of NTS gas quality and composition on flammable gas detector response</td>
<td>February 2017</td>
<td></td>
<td>Sponsored: National Grid Gas Transmission (UK) Funded: DNV-GL</td>
<td>This study has focused on the issues related to gas detection that may result if the National Transmission System (NTS) gas quality limits are changed. The study has considered the impact of changes in the content of higher hydrocarbon species present in the gas, and also the possibility that hydrogen will be allowed into the pipeline network.</td>
<td></td>
<td></td>
<td>Unable to confirm commencement date, study cost, and funding mechanism.</td>
<td>UK</td>
</tr>
<tr>
<td>Evaluation of Potential Impacts of Introduction of Hydrogen into the UK NTS</td>
<td>May 2019</td>
<td></td>
<td>Sponsored: National Grid Gas Transmission (UK) Funded: DNV-GL</td>
<td>Review of impacts from hydrogen blends up to 100% on the transmission system at 70-100 bar pressure.</td>
<td></td>
<td></td>
<td>Unable to confirm commencement date, study cost, and funding mechanism.</td>
<td>UK</td>
</tr>
<tr>
<td>NYSEARCH Living Lab Project/Study</td>
<td>2011</td>
<td>Ongoing</td>
<td>Sponsored: NYSEARCH Funded: National Grid USA, Co-Funding from other Utility Members</td>
<td>A lab study using installed gas components in situ and in a controlled setting to identify impacts of pure RNG on piping systems and components. Study adjacent to Newtown Creek RNG production project.</td>
<td>$500K Millennium Fund collected from ratepayers.</td>
<td></td>
<td></td>
<td>Y</td>
</tr>
</tbody>
</table>
Request:

What plans has National Grid developed to convert homes and businesses in Rhode Island from oil, propane, and natural gas to heat pumps, as would be required to meet the targets in §42-6.2-2(A)(2)?

Response:

National Grid USA will continue to offer customers with electric, oil, propane, and gas heated homes standard rebates for energy-efficient air-source heat pumps. Please refer to the following link for additional information:  [https://www.nationalgridus.com/media/pdfs/resi-ways-to-save/ri_electric_heating-cooling_form.pdf](https://www.nationalgridus.com/media/pdfs/resi-ways-to-save/ri_electric_heating-cooling_form.pdf).

Section 5.4.2.d of the 2020-A Regional Greenhouse Gas Initiative (“RGGI”) Plan allocated approximately $2.7 million to support enhanced incentives supporting electric savings and other energy and environmental benefits associated with installation and operation of air-source heat pumps for customers with oil and propane heated homes. These RGGI Plan funds are leveraged with standard rebates for energy-efficient air source heat pumps offered through the ratepayer-derived system benefit charge funds, where possible.
National Grid USA and The Narragansett Electric Company
GECA 1-3

Request:

What plans has National Grid developed to support the electrification of cars, trucks, and buses?

Response:

National Grid USA is committed to supporting the electrification of cars, trucks, and buses by aligning with government goals and policies regarding electric vehicles (“EVs”), and spurring market growth with programs for both residential and business customers. By providing charging infrastructure make-ready support to its customers, National Grid USA supports the state’s Zero Emission Vehicle goal to put 45,000 EVs on the road by 2025. National Grid USA’s programs also provide rebates for charging station equipment, deliver advisory services to support fleet electrification pathways, and reward residential customers for charging their vehicles at off-peak hours.
National Grid USA and The Narragansett Electric Company
GECA 1-4

Request:

As part of Docket 4780, National Grid described the economies of scale available to it with respect to investment in electric transportation programs due to its position in Massachusetts, Rhode Island, and New York. Based on those studies, what additional costs are likely to be incurred by an entity implementing these programs in Rhode Island only?

Response:

National Grid USA and The Narragansett Electric Company (“Narragansett”) have not studied the types of tasks or magnitude of costs that are likely to be incurred by an entity implementing electric transportation programs in Rhode Island only.

Much of Narragansett’s testimony in Rhode Island Public Utilities Commission (“PUC”) Docket No. 4780 pertaining to the availability of economies of scale due to its position in Massachusetts, Rhode Island, and New York related to Advanced Metering Functionality (“AMF”), such as the ability to conduct multi-jurisdiction request for proposals (“RFP”) events in the procurement of meters; however, National Grid USA’s electric transportation strategy does not include multi-jurisdiction RFP events at this time. For example, National Grid USA does not currently have plans to purchase large quantities of charging stations across all its jurisdictions. In addition, a transportation education and outreach campaign proposed in Narragansett’s general rate case in PUC Docket Nos. 4770 and 4780 and in its Massachusetts affiliates’ electric transportation filing was not approved in Rhode Island or Massachusetts, respectively; therefore, opportunities to launch a joint program to allow for regional communication channels to be used with unified messaging did not proceed.