

National Grid USA and The Narragansett Electric Company
Division 5-1

Request:

Referencing PPL's response to DIV 3-5, please:

- a. Identify the individual and provide the resume of the current LG&E Director, Gas Asset Management Integrity Management & Compliance who was formerly employed by a National Grid affiliate, including the months/years served in each position held, and responsibilities for LNG operations during his/her tenure in each position while employed by the referenced National Grid affiliate.
- b. Identify each Narragansett employee "responsible for performing LNG operations" that will continue to perform those functions after control of the LNG workstream is conveyed to PPL RI's control.
- c. For each individual identified in the response to subpart (b) of this request, provide an up to date resume showing the work and educational experience of each identified employee (including each position held, the employee's responsibilities in each position, and the months and years in each position);
- d. For each individual identified in the response to subpart (b) of this request, detail the individual's personal experience with respect to Narragansett's LNG activities associated with:
 - i. The Providence LNG Tank;
 - ii. The Cumberland LNG Tank;
 - iii. Exeter LNG Tank;
 - iv. Temporary LNG operations in Cumberland; and/or
 - v. Temporary LNG operations at Aquidneck.

Response:

- a. PPL Corporation and PPL Rhode Island Holdings, LLC ("PPL Rhode Island") have responded to part (a) of this request in their response to Data Request Division 5-1.
- b. Please see Attachment NG-DIV 5-1-1 for a list of each direct employee of The Narragansett Electric Company ("Narragansett") responsible for performing liquefied natural gas ("LNG") operations who will continue to perform those functions after control of the LNG workstream is conveyed to PPL Rhode Island's control.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

- c. Please see Attachment NG-DIV 5-1-1 for the positions held since 2012 and the months and years in the positions for the individuals identified in part (b), above. Please see Attachment NG-DIV 5-1-2 for job descriptions and qualifications for the positions held by the individuals identified in part (b), above. Please see Attachment NG-DIV 5-1-3 for a summary of training and educational courses available to the individuals identified in part (b), above. National Grid USA and Narragansett have determined that resumes for each person identified in part (b), above, that documents the individuals' complete educational and past work experience are not relevant to this proceeding based on their sound judgment and rule of reason in providing responsive documents, consistent with the guidance provided by the Rhode Island Division of Public Utilities and Carriers Advocacy Section ("Advocacy Section") on June 22, 2021 relating to the scope of the data requests in this proceeding, and taking into account the Advocacy Section's goal of protecting ratepayers when determining scope and relevancy.
- d. Please see Attachment NG-DIV 5-1-1 and Attachment NG-DIV 5-1-2, which together summarize the experience of the individuals identified in part (b), above, with respect to Narragansett's LNG activities associated with: (i) the LNG tank in Providence owned and operated by National Grid LNG LLC; (ii) the former LNG tank in Cumberland; (iii) the LNG tank in Exeter; (iv) the temporary LNG operations in Cumberland; and/or (v) the temporary LNG operations on Aquidneck Island. In addition to identifying whether a specific individual has had experience at one or more of the listed facilities, Attachments NG-DIV 5-1-1 and NG-DIV 5-1-2 identify the roles and responsibilities for those roles.

Cumberland Facility

First Name	Last Name	Date of Hire	Role	Start Date in Role	End Date in Role	Providence LNG Tank	Cumberland LNG Tank	Exeter LNG Tank	Temp LNG Ops in Cumberland	Temp LNG Ops at Aquidneck
Cindy	Caine	6/7/2021	Senior Supervisor, LNG Ops	6/7/2021	Current Position	N	N	N	Y	N
Samuel	Desmond	1/13/2014	Gas Control Technician C	12/14/2020	Current Position	N	N	N	Y	N
			Meter Service Technician	7/6/2015	12/13/2020					
			Lineworker Apprentice	6/1/2015	7/5/2015					
			Meter Service Technician	1/26/2014	5/31/2015					
			Meter Service Representative	1/13/2014	1/25/2014					
Robert	LeBlanc	9/1/1993	Gas Control Technician A	8/28/2016	Current Position	N	Y	N	Y	N
			Gas Control Technician B	1/11/2015	8/27/2016					
			Gas Control Technician C	10/26/2014	1/10/2015					
			Technician A	9/16/2012	10/25/2014					
Frank	Morrison	3/23/1987	Working Leader I&R	9/1/2013	Current Position	N	Y	N	Y	N
			Gas Control Technician A	9/16/2012	8/31/2013					
Robert	Steere	6/9/1986	Gas Control Technician A	9/16/2012	Current Position	N	Y	N	Y	N
Brady	Tarltton	5/25/2007	Gas Control Technician C	5/30/2021	Current Position	N	N	N	N	N
			Technician A	6/16/2016	5/29/2021					
			Technician B	3/23/2016	6/15/2019					
			Technician C	5/11/2015	3/22/2016					
			Tech C w/ Certs	3/23/2014	5/10/2015					
			Meter Service Technician	9/16/2012	3/22/2014					
Timothy	Wahl	8/17/1992	Gas Control Technician A	7/20/2017	Current Position	N	N	N	Y	N
			Measurement & Control A	9/16/2012	7/19/2017					
Mark	Zito	6/9/1986	Working Leader Gas Control	4/1/2021	Current Position	N	Y	N	Y	N
			Gas Control Technician A	9/16/2012	3/31/2021					

Exeter Facility

First Name	Last Name	Date of Hire	Role	Start Date in Role	End Date in Role	Providence LNG Tank	Cumberland LNG Tank	Exeter LNG Tank	Temp LNG Ops in Cumberland	Temp LNG Ops at Aquidneck
Michael	Allen	11/10/2008	Working Leader I&R Electrician	1/6/2013	Current Position	N	N	Y	N	Y
			I&R and Prod Tech/ Mech B EI	9/16/2012	1/5/2013					
James	Barnett	5/5/2011	I&R Production Tech / Mech Elec A	6/4/2017	Current position	N	N	Y	N	Y
			I&R Production Tech/ Mech Elec B	8/10/2014	6/3/2017					
			I&R Production Tech/ Mech Elec C	2/1/2014	8/9/2014					
			I&R Production Tech/ Mech Elec A	10/28/2012	1/31/2014					
			Meter Services Representative	9/16/2012	10/27/2012					
Joseph	Beagan	7/19/2010	I&R Production Tech / Mech Elec A	4/22/2021	Current position	N	N	Y	N	Y
			I&R Production Tech / Mech Elec B	9/3/2017	4/21/2021					
			I&R Production Tech / Mech Elec C	9/3/2016	9/2/2017					
			Fleet Working Leader	9/6/2015	9/2/2016					
			Auto/Truck Tech 1/C	9/16/2012	9/5/2015					
Justin	Blackwood	11/29/2015	I&R Production Tech / Mech Elec B	4/2/2017	Current position	Y	N	Y	N	Y
			Instrument Technician	11/29/2015	4/1/2017					
Richard	Botelho	4/23/2007	I&R Production Tech / Mech B	12/2/2018	Current position	N	N	Y	N	Y
			Meter Service Technician	9/16/2012	12/1/2018					
Nicholas	Dube	7/27/2020	Senior Supervisor, LNG Operations	7/27/2020	Current position	N	N	Y	N	Y
David	Furtado	8/26/2008	I&R Production Tech / Mech Elec A	1/4/2013	Current position	N	N	Y	N	Y
			I&R and Prod Tech/ Mech B EI	9/16/2012	1/3/2013					
Jesus	Garcia	2/4/2002	Working Leader I&R Pressure Regulation	4/18/2021	Current position	N	N	Y	N	Y
			Crew Leader	4/3/2016	4/17/2021					
			I&R and Production Tech/ Mech A	11/30/2014	4/2/2016					
			I&R and Production Tech/ Mech B	6/30/2013	11/29/2014					
			I&R and Production Tech/M	9/16/2012	6/29/2013					

Victor	Jorge	3/15/2010	Crew Leader I&R	10/6/2014	Current position	N	N	Y	N	Y
			I&R Production Tech / Mech A	3/15/2014	10/5/2014					
			I&R Production Tech / Mech B	9/16/2012	3/14/2014					
Daniel	Kelleher	4/19/2005	I&R Production Tech / Mech A	4/6/2021	Current position	N	N	Y	N	Y
			I&R Production Tech / Mech B	10/6/2016	4/5/2021					
			I&R Production Tech / Mech C	10/26/2014	10/5/2016					
			Crew Technician B	9/16/2012	10/25/2014					
David	Naylor	7/18/2005	Crew Leader I&R	1/8/2017	Current position	N	N	Y	N	Y
			I&R and Production Tech/ Mech A	4/17/2016	1/7/2017					
			I&R and Production Tech/ Mech B	1/25/2015	4/16/2016					
			I&R and Production Tech/ Mech C	3/30/2014	1/24/2015					
			Meter Service Technician	9/16/2012	3/29/2014					
Eric	Nelson	4/27/1981	Working Leader I&R Pressure Regulation	10/6/2014	Current position	N	N	Y	N	Y
			Crew Leader	6/30/2013	10/5/2014					
			I&R and Production Tech/ Mech A	9/16/2012	6/29/2013					
RJ	Stamp	4/30/2007	Crew Leader I&R	5/2/2021	Current position	N	N	Y	N	Y
			I&R and Production Tech/ Mech A	1/1/2020	5/1/2021					
			I&R and Production Tech/ Mech B	12/21/2016	12/31/2019					
			I&R and Production Tech/ Mech C	12/21/2015	12/20/2016					
			Meter Service Technician	9/16/2012	12/20/2015					
Carl	Skinner	8/25/2008	I&R Production Tech / Mech B	10/27/2015	Current position	N	N	Y	N	Y
			I&R Production Tech / Mech C	10/26/2014	10/26/2015					
			Meter Service Technician	9/16/2012	10/25/2014					
Christopher	Sanborn	3/12/2003	Crew Leader I&R	1/8/2017	Current position	N	N	Y	N	Y
			I&R and Production Tech/ Mech A	4/17/2016	1/7/2017					
			I&R and Production Tech/ Mech B	8/26/2014	4/16/2016					
			I&R and Production Tech/ Mech C	8/11/2013	8/25/2014					
			Crew Technician B	9/16/2012	8/10/2013					
Kenneth	Sanborn	12/19/2005	I&R Production Tech / Mech B	7/28/2019	Current position	N	N	Y	N	Y
			I&R Production Tech / Mech C	7/29/2018	7/27/2019					
			Meter Service Technician	1/6/2013	7/28/2018					

			Meter Services Representative	9/16/2012	1/5/2013					
Eric	Wojcik	1/6/2020	I&R Production Tech / Mech Elec B	1/6/2020	Current position	N	N	Y	N	Y

Job Title: Senior Supervisor, Liquefied Natural Gas Field Operations

Job Purpose

The Senior Supervisor, LNG Operations is responsible for the safe, reliable, and efficient operation and maintenance of LNG or LPG plant facilities through the supervision and organization of assigned operations, personnel, and contractors in order to effectively and efficiently accomplish job tasks in line with departmental and National Grid requirements.

Key Accountabilities

- Establish a culture of safety, reliability, efficiency, and compliance.
- Schedule plant shift personnel and direct activities to meet all peak shaving operation and maintenance requirements timely, reliably, and efficiently.
- Supervise a culturally diverse workforce effectively through coaching, counseling and team building to ensure success.
- Employ and oversee efficient utilization of plant staffing to handle workload and deliver against program of work.
- Ensure all plant records are up-to-date and accurate; and communicate changes and revisions to all relevant stakeholders including plant staff and compliance & training coordinator.
- Ensure compliance with all safety policies, standards and processes to promote a safe work environment and minimize occupational risks.
- Maintain regulatory compliance by meeting all regulatory requirements effectively and in timely manner.
- Ensure efficient plant operation within all allocated budgetary requirements.
- Become proficient in the Process Safety Management system relative to LNG Operations. You will be required to actively participate in competency training modules arranged by the Process Safety Group and LNG Operations to increase your knowledge in the following areas:
 - o Become familiar with the term Major Accident Hazard sites
 - o The 12 company process safety Risk Control Standards
 - o Track and provide data as requested for the Key Performance Indicator process
 - o Awareness of the company's US & UK Process Safety Groups
 - o Participate in the various layers of the Process Hazard Analysis function for your plant
 - o Participate in the performance of Risk Hazard Assessments for your plant
 - o Promote the process safety values to all your employees
 - o Other specific process safety related competencies as defined for your roles and responsibilities in the Company's US Process Safety Competency Management system

Technical Knowledge/Skills:

- Strong leadership and administrative abilities.
- Strong written, verbal and interpersonal communication skills.
- Technical proficiency and experience in leading and managing operations teams.

- Ability to communicate effectively at all levels of an organization and with individuals and groups from different disciplines, industries and governmental agencies.
- Possess the personality and ability to relate to and to establish a mutually respectful relationship with management, peers and the various facility level workers whom are all responsible for ensuring good operations.
- Organized, planning skills, able to manage multiple activities and programs in timely fashion and with a high degree of accuracy, able to meet work deadlines.
- Ability to clearly understand and effectively write, implement, and maintain operational procedures.
- Ability to coach, motivate, and lead a team of operating and maintenance personnel and increase their capabilities
- Ability to understand and identify training or developmental needs of plant staff, and design and implement new programs of work to address them.
- Possess strong analytical skills required to understand, manage, assess, trend, and problem solve ranging operational processes
- Computer knowledge including Microsoft Office Suite including Word, Excel, Access, Project and PowerPoint.
- Must possess and maintain a current, valid driver's license in good standing.
- Must be able to pass a background test and drug screening.

Education: Bachelor or Associate degree in engineering or relevant technical discipline is preferred, but equivalent industry experience may be considered.

Experience: Ideal candidates should have at least five (5) years of related supervisory experience in a technical field. Process industry experience relevant to discipline is preferred. knowledge of LNG systems, and regulations including Federal DOT LNG CFR 193 and NFPA 59A is desirable.

More Information

This position has a career path which provides for advancement opportunities within and across bands as you develop and evolve in the position; gaining experience, expertise and acquiring and applying technical skills. Internal candidates will be assessed and provided offers against the minimum qualifications of this role and their individual experience.

National Grid is an equal opportunity employer that values a broad diversity of talent, knowledge, experience and expertise. We foster a culture of inclusion that drives employee engagement to deliver superior performance to the communities we serve. National Grid is proud to be an affirmative action employer. We encourage minorities, women, individuals with disabilities and protected veterans to join the National Grid team.

Notice of Vacancy

Local 310B

Department: Instrumentation & Regulation

Position: Working Leader

Progression: This is not a progression position. Qualified candidates will come from within the Instrumentation and Regulation group.

Qualifications:

- Must have a high education or the equivalent.
- Must have good mechanical aptitude and ability to interpret drawings showing gas mains and service installations, high degree of dependability, and capable of exercising good judgement.
- Ability to communicate with the public to promote good will for the company.
- Must have attained the position of Control Tech A within the group.
- Must pass DOT physical.
- Must be an approved driver of company vehicles.
- DOT drug testing is a requirement of this position.
- Must qualify under the Federal Mandated Operator Qualification requirements.
- Must have 3 years as experience as an I&R Technician and total combined experience in I&R and LNG of 6 years.

Requirements of Job:

- Respond with appropriate actions to emergencies, with attention to safety of the public and protection of property.
- Assist in expediting crews into field.
- Assists in planning and scheduling of work.
- Perform procedural, safety, and technical training including documentation.
- Meet crew in field for troubleshooting purposes as need and perform guidance for employee development and enhanced performance.
- Work with Gas Control on movement of crews if necessary.
- Conduct employee meetings including Safety, Operations, and Ad-Hoc information as needed.
- Track mandated work and maintains of the overtime list.
- Orders tools, stock, and equipment as needed.
- Performs general office work as assigned by supervision.
- Performs all the duties of the lower classifications.

Title: Gas Control Technician C

Local Union: 310B

Department: LNG Operations Rhode Island

Location: Cumberland, RI

About the Position:

OUTLINE OF DUTIES:

- Work self-directed according to regulatory guidelines, company guidelines, OQ requirements and union contract guidelines.
- Qualified operator of the Scott Road LNG facility according to the LNG operating procedures, including the ability to operate computers for LNG system operations
- Inspect, repair, adjust, calibrate and maintain district regulators , vaults , gate stations, odorization equipment LNG plant equipment, pilot operated monitor regulator installations at large customers and other company property
- Gain working knowledge of the distribution system and its pressures MAOP
- Use and interpret mechanical and electronic pressure gauges, electronic testing equipment and monitoring equipment
- Install, repair, update and reload PLC's, remote PC's and other transmitting technological equipment.
- Complete computerized or paper documentation as required
- Attend training sessions on equipment and be responsible to retain material covered.

QUALIFICATIONS:

- High school graduate or equivalent
- Mechanical aptitude. As demonstrated through the results of the Regulator Principles Test
- Electrical aptitude. As demonstrated through the results of a basic exam which is based on AGA fundamentals of Electricity workbook
- Working knowledge of basic mathematics.
- Ability to read, write , speak and understand English clearly
- Able and willingness to perform all required maintenance work or operating functions under varied weather conditions
- Possess a valid driver's license
- Pass the Department of Transportation physical exam requirements
- Obtain DOT medical exam certification
- Ability to drive company vehicles
- Willingness to respond to calls outside regular working hours when necessary

Note: To qualify candidates must show proficiency in the above qualifications

<< Only Local 12431 members are eligible to bid on this posting >>

NOTICE OF VACANCY
To the Employees of National Grid
LOCAL 12431-01, USWA

Posting Number: 19124
Posting Date: April 14, 2021
Location of Posting: Providence
Department of Posting: Gas I&R NE
Title of Position: Crew Leader
Rated Wage: \$47.63

About the Position:

Job Qualifications:

- High School diploma or equivalent.
- Mechanical aptitude, demonstrated by passing the F.A.T. Test. **Note: Not required for CMS Service Tech A.
- Working knowledge of basic mathematics.
- Ability to read, write, speak and understand English clearly.
- Ability and willingness to perform all required maintenance work or operating functions under varied weather conditions.
- Possess a valid driver's license to operate departmental vehicles.
- Pass the Department of Transportation physical exam requirements.
- Obtain DOT Medical Exam Certification, within one week of starting position.
- Ability to drive company vehicles.

Requirements of Job:

- Trains personnel on any and all activities associated with instrumentation, pressure control and gas conditioning.
- Works with and directs personnel.
- Performs all activities associated with the installation, operation, maintenance, troubleshooting, and repair of pressure, gas conditioning and instrumentation equipment.
- Utilizes Company and manufacturers technical information to perform these activities.
- Follows Company and Regulatory procedures and practices to perform these activities.
- Understands the various distribution systems and pressures in the responsible areas.
- Operates all equipment necessary to perform these activities.
- Operates department motor vehicles.
- Completes required paperwork/computer work
- Performs lower classification duties.
- Assists Control Technician Electrician
- Maintains and repairs all electrical, electronic and mechanical devices used in the measurement of gas.
- Performs other related duties as assigned.

Applications must be sent to Recruiting NE
WITHIN seven (7) days from the date of this posting. Closing date: April 21, 2021
E-mail: RecruitingNE@nationalgrid.com
Fax: 315-424-2139

<< Only Local 12431 members are eligible to bid on this posting >>

**NOTICE OF LOCAL VACANCY
To the Employees of National Grid**

Posting Number: 19123
Posting Date: April 14, 2021
Department: Gas I and R NE
Title of Position: I&R and Production Technician/Mechanic A
Location: Providence
Trial Period: Applicant must prove satisfactory to Company
Hourly Rate: \$ 45.24

**** All qualified applicants must have attained top step of "B" rate for one year within I&R to be eligible ****

Qualifications for trial:

- Ability to read, write, speak and understand English clearly
- Ability and willingness to perform all required maintenance work or operating functions under varied weather conditions.
- Possess a valid driver's license to operate departmental vehicles
- Must Maintain Department of Transportation physical exam requirements & LNG physical
- Must maintain DOT medical exam certification
- Ability to drive company vehicles.
- Must have normal Olfactory senses in accordance with CMR220

Requirements of the job:

- Works self directed and direct crews as required according to regulatory guidelines, company guidelines, OQ requirements and union contract guidelines.
- Respond to calls outside regular working hours when necessary and work shift work as needed.
- Qualified operator of the Exeter and Middletown LNG facilities according with the LNG operating procedures, including the ability to operate computers for LNG system operations. Must attend and pass the Mass Fire Fighting academy gas school.
- Inspect, repair, adjust, calibrate and maintain district regulators, vaults, gate stations, odorization equipment, including odor level readings, LNG plant equipment and instrumentation, pilot operated monitor regulator installations at large customers and other company locations and check for corrosion at station facilities.
- Perform mechanical maintenance as directed
- Maintain, calibrate, use and interpret mechanical and electronic pressure gauges, electronic testing equipment and gas monitoring equipment.
- Gain working knowledge of the distribution system and its pressures, i.e. MAOP
- Install, repair, update and reload PLC's, remote PC's and other transmitting technological equipment
- Complete computerized or paper documentation as required
- Attend training sessions on equipment and be responsible to retain material covered.
- Maintain Boiler Operators license
- Performs OJT (on the job training) for junior technicians as required per company guidelines
- Submit to random drug testing per company policy

This position is defined in the Company's Anti-Drug Plan as covered by DOT regulations in 49CFR PART 199. To qualify, an applicant who is transferring from a non-covered job must be given and pass a pre-employment, pre-placement drug test in accordance with the plan.

Applications must be sent to Employee & Labor Relations
WITHIN seven (7) days from the date of this posting. Closing date: April 21, 2021
E-mail: RecruitingNE@nationalgrid.com
Fax: 315-424-2139

<< Only Local 12431 members are eligible to bid on this posting >>

**NOTICE OF LOCAL VACANCY
To the Employees of National Grid**

Posting Number: 12944
Title of Position: I & R and Production Tech/Mech B
Department of Posting: Gas I and R NE
Posting Date: October 7, 2020
Hourly Rate: \$41.17 - \$43.20
Work Location: Providence

About the Position:

Position Responsibilities (including but not limited to):

Requirements of the job:

- Work self-directed according to regulatory guidelines, company guidelines, OQ requirements and union contract guidelines.
- Respond to calls outside regular working hours when necessary and work shift work as needed.
- Qualified operator of the Exeter and Middletown LNG facilities according with the LNG operating procedures, including the ability to operate computers for LNG system operations. Must attend and pass the Mass Fire Fighting academy gas school.
- Inspect, repair, adjust, calibrate and maintain district regulators, vaults, gate stations, odorization equipment, including odor level readings, LNG plant equipment and instrumentation, pilot operated monitor regulator installations at large customers and other company locations and check for corrosion at station facilities.
- Perform mechanical maintenance as directed
- Maintain, calibrate, use and interpret mechanical and electronic pressure gauges, electronic testing equipment and gas monitoring equipment.
- Gain working knowledge of the distribution system and its pressures, i.e. MAOP
- Install, repair, update and reload PLC's, remote PC's and other transmitting technological equipment
- Complete computerized or paper documentation as required
- Attend training sessions on equipment and be responsible to retain material covered.
- Maintain Boiler Operators license
- Up to 4 months, which includes department orientation, pass LNG operator qualification. Up to 12 months, successfully pass regulator qualification testing. Up to 12 months, successfully pass mechanical and instrumentation qualification testing.

Qualifications for trial:

- High school degree or equivalent.
- General aptitude, as demonstrated through passing the F.A. T.
- Working knowledge of basic mathematics.
- Ability to read, write, speak and understand English clearly
- Ability and willingness to perform all required maintenance work or operating functions under varied weather conditions.
- Possess a valid driver's license to operate departmental vehicles
- Pass the Department of Transportation physical exam requirements & LNG physical
- Obtain DOT medical exam certification, within one week of starting position.
- Ability to drive company vehicles.
-
- **This position is defined in the Company's Anti-Drug Plan as covered by DOT regulations in 49CFR PART 199. To qualify, an applicant who is transferring from a non-covered job must be given and pass a pre-employment, pre-placement drug test in accordance with the plan.**

Applications must be sent to Employee & Labor Relations
WITHIN seven (7) days from the date of this posting. Closing date: October 14, 2020
E-mail: RecruitingNE@nationalgrid.com
Fax: 315-424-2139

« Only Local 12431 members are eligible to bid on this posting »

NOTICE OF LOCAL VACANCY To the Employees of National Grid

Posting Number: 16272
Title of Position: I & R and Production Tech/Mech C
Department of Gas I and R NE
Posting Date: December 16, 2020
Hourly Rate: Work \$30.14 - \$34.07 Automatic Progression to Top Step B
Location: Providence

About the Position:

Position Responsibilities (including but not limited to):

Requirements of the job:

- Work self-directed according to regulatory guidelines, company guidelines, OQ requirements and union contract guidelines.
- Respond to calls outside regular working hours when necessary and work shift work as needed.
- Qualified operator of the Exeter and Middletown LNG facilities according with the LNG operating procedures, including the ability to operate computers for LNG system operations. Must attend and pass the Mass Fire Fighting academy gas school.
- Inspect, repair, adjust, calibrate and maintain district regulators, vaults, gate stations, odorization equipment, including odor level readings, LNG plant equipment and instrumentation, pilot operated monitor regulator installations at large customers and other company locations and check for corrosion at station facilities.
- Perform mechanical maintenance as directed
- Maintain, calibrate, use and interpret mechanical and electronic pressure gauges, electronic testing equipment and gas monitoring equipment.
- Gain working knowledge of the distribution system and its pressures, i.e. MAOP
- Install, repair, update and reload PLC's, remote PC's and other transmitting technological equipment
- Complete computerized or paper documentation as required
- Attend training sessions on equipment and be responsible to retain material covered.
- Maintain Boiler Operators license
- Up to 4 months, which includes department orientation, pass LNG operator qualification. Up to 12 months, successfully pass regulator qualification testing. Up to 12 months, successfully pass mechanical and instrumentation qualification testing.

Qualifications for trial:

- High school degree or equivalent.
- General aptitude, as demonstrated through passing the F.A. T.
- Working knowledge of basic mathematics.
- Ability to read, write, speak and understand English clearly
- Ability and willingness to perform all required maintenance work or operating functions under varied weather conditions.
- Possess a valid driver's license to operate departmental vehicles
- Pass the Department of Transportation physical exam requirements & LNG physical
- Obtain DOT medical exam certification, within one week of starting position.
- Ability to drive company vehicles.
- **This position is defined in the Company's Anti-Drug Plan as covered by DOT regulations in 49CFR PART 199. To qualify, an applicant who is transferring from a non-covered job must be given and pass a pre-employment, pre-placement drug test in accordance with the plan.**

Applications must be sent to Employee & Labor Relations
WITHIN seven (7) days from the date of this posting. Closing date: December 23, 2020
E-mail: RecruitingNE@nationalgrid.com
Fax: 315-424-2139

National Grid USA and The Narragansett Electric Company

Training / Education Appendix

The Instrumentation and Regulation (I&R) group is responsible for pressure regulation, odorization, and instrumentation for facilities operating in National Grid's distribution system, including the fixed and portable LNG facilities. A formal training program to reinforce operator skills and knowledge of these tasks is essential for the success of the group. Seven (7) learning modules have been created as a joint effort between Learning and Development (L&D) and I&R. These modules are as follows:

- US Valve Insp, Oper & Maint (CRSE TLD GFO030)

This course focuses on knowledge and ability to perform Inspection, Operation and Maintenance on all valve types across the US Operating area. Students will learn US Procedure for Valve Inspections as well as Valve Operations and Maintenance. There are no prerequisites.

- US Odorization Training (CRSE TLD GFO031)

This class covers odorization topics, theory of operation, Federal Regulations, and applicable Local/State Regulations. This class will qualify individuals in the operation of DTEX Odorant Detection equipment. A key outcome of the class is the student will be familiar with Odorization policies, Federal Regulations and local State regulations as well as be qualified to operate DTEX equipment. There are no prerequisites.

- Intro to Gas Regulators -I&R (CRSE TLD GFO032)

This class to gas pressure regulators for I&R gas mechanics has an emphasis on direct-operating regulators, emphasis on basic construction and operation of direct-operated regulators, and emphasis on regulator performance criteria and influencing factors. Students will learn regulator design variations that improve performance. Key outcomes will be the student will have knowledge of pressure loading, role of a pilot and overpressure and MAOP. There are no prerequisites

- I&R Corrosion & Control Overview (CRSE TLD GFO040)

This corrosion course can be used as initial training or as a refresher. It is designed for the Journeyman Gas Mechanic both Field Operations and I&R to be used on a day to day basis. The course will focus on knowledge to recognize and act upon corrosion, corrosion related facilities and damage related issues. Topics include but are not limited to: Installing Test Stations and Anodes, Measuring Pipe to Soil Potentials, Inspecting and Repairing Pipe Coating, Inspecting and Repair of Atmospheric Corrosion, Inspection of Third-Party Excavations for Damage to Facilities. There are no prerequisites required.

- I&R - Station Operations (CRSE TLD GFO055)

This advanced course is designed for I&R Gas Mechanics and focuses on the skills required to perform the job. Key outcomes of the course include Purging Air from a Pipeline (Task #32), Purging Gas from a Pipeline (Task #33), Starting Up/Shutting Down any part of a

National Grid USA and The Narragansett Electric Company

Pipeline (Task #38), Restore Service (Task #45), Mechanical Joining of Pipe (Task #49), Controlling and Monitoring Gas Pressures (Task #59), Operation of Remote Control Valves (Task #60), Inspect & Test Pressure Regulating Station (Task #62), Testing Overpressure Protection (Task #63), Bypass a Regulator (Task #65).

- Inspecting a Regulating Station (CRSE TLD GFO123)

This program will provide the student with all the training necessary to successfully inspect a regulator station. Students will learn how to maintain and test all regulator station related equipment such as pressure regulators, overpressure protection, valves, strainers, filters, etc.

- Calibrating I&R Instrumentation (CRSE TLD GFO124)

This program will provide the student with all the training necessary to successfully calibrate I&R related instrumentation. Students will learn how to maintain and test all I&R related instrumentation, such as flow meters, pressure and temperature measurement, differential pressure, etc.

In addition, Narragansett employees are trained to the requirements of 49 CFR Part 193 – Liquefied Natural Gas Facilities Subpart H, personnel Qualifications and Training. This is repeated on a two-year cycle and includes the following:

Section	Module	Title
0 Plant Systems	1	Tank & Pumps
0 Plant Systems	2	Vaporizers
1 Orientation	0	LNG Operations Orientation
1 Orientation	1	Introduction GTI
1 Orientation	2	LNG Fundamentals GTI
1 Orientation	3	Codes & Standards GTI
1 Orientation	4	Safety Basics GTI
1 Orientation	5	LNG Hazards GTI
1 Orientation	6	Safety & Equipment Procedures GTI
1 Orientation	7	Trucking Section
1 Orientation	8	Process Safety
1 Orientation	9	Pipe Flange Stud Bolt Torque
2 Safety	A	Scope Safety
2 Safety	B	Hazards and Physical Properties
2 Safety	C	Lock and Tag (LOTO)

National Grid USA and The Narragansett Electric Company

2 Safety	D	Permit to Work System
2 Safety	E	Fire Watch Requirements
2 Safety	F	Environmental
2 Safety	G	LNG Physical Health Plan
2 Safety	H	Protective Clothing/ PPE
2 Safety	I	Cool Down Program
2 Safety	J	Plant Emergency Plan
2 Safety	K	Codes, Standards and regulations
2 Safety	L	Reporting unsafe Conditions
2 Safety	M	Abnormal Operating Conditions
2 Safety	N	First Aid
2 Safety	O	Confined Space Entry
2 Safety	O-Plant	Plant-Specific Confined Space Entry
2 Safety	P	Logbook Entry
2 Safety	Q	General Policies
2 Safety	R	Fall Protection and ladder usage
2 Safety	R-Plant	Plant-Specific Fall Protection
3 Operations	A	Scope Operations
3 Operations	K	Operations Procedures
3 Operations	All others	These are plant-specific. Refer to Plant index.
4 Maintenance	A	Scope Maintenance
4 Maintenance	B	Maintenance Procedures
4 Maintenance	C	Isolation and Purging
4 Maintenance	D	Foreign Material
4 Maintenance	E	Corrosion Protection
4 Maintenance	F	Corrosion Inspection Training
4 Maintenance	G	Maintenance Program
4 Maintenance	H	Relief Valves
4 Maintenance	I	Maintenance Records
4 Maintenance	J	Instrumentation and Alarms
5 Emergency Procedures	A	Scope Emergency Procedures
5 Emergency Procedures	B	Review Plant Drill Policy
5 Emergency Procedures	C	Review Plant ESD Program
5 Emergency Procedures	D	Plant Drills
5 Emergency Procedures	E	Responding to an Emergency
5 Emergency Procedures	F	Recognizing an Emergency
6 Fire Protection	A	Scope Fire Protection

National Grid USA and The Narragansett Electric Company

6 Fire Protection	B	Fire Protection Duties
6 Fire Protection	C, D, E	Leak and Fire Survey/ Fire Protection Plan
6 Fire Protection	F	Equipment Layout
6 Fire Protection	G, H	Fires
7 Security	A	Scope Security
7 Security	B	Equipment Layout and System Operation
7 Security	C	Security Procedures
8 Emergency Systems & Fire Protection Equipment	All	These are plant-specific. Refer to Plant index.

National Grid USA and The Narragansett Electric Company
Division 5-2

Request:

Referencing PPL's response to DIV 3-5, please:

- a. Identify each employee of either National Grid or a National Grid affiliate that has had responsibility within the last two years for:
 - i. Narragansett LNG facility operations;
 - ii. Narragansett LNG facility maintenance activities; and/or
 - iii. planning, design, and/or construction of new LNG facilities within Rhode Island.
- b. Identify each outside contractor engaged by Narragansett, National Grid, or a National Grid affiliate that has had responsibility within the last two years for:
 - i. Narragansett LNG facility operations;
 - ii. Narragansett LNG facility maintenance activities; and/or
 - iii. planning, design, and/or construction of new LNG facilities within Rhode Island.
- c. For each National Grid affiliate and each outside contractor identified in response to subpart b of this request, provide:
 - i. a copy of the contract under which services have been provided;
 - ii. the term (start date and end date) of the contract under which service have been or will be provided; and
 - iii. the names of the parties to each contract

Response:

- a. Please see Attachment NG-DIV 5-2-1 for the requested information for liquefied natural gas ("LNG") facilities owned and operated by The Narragansett Electric Company ("Narragansett").
- b. Please see Attachment NG-DIV 5-2-2 for the requested information for outside contractors responsible for relevant operations and maintenance activities of LNG facilities owned and operated by Narragansett, and planning, design, and/or construction of any new LNG facility owned and/or operated by Narragansett.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

- c. National Grid USA is currently in the process of analyzing all of the contracts with the outside contractors identified in subpart (b), above, to determine their treatment after close of PPL Rhode Island Holdings, LLC's acquisition of Narragansett from National Grid USA (the "Transaction"). For example, for contracts between National Grid USA Service Company, Inc. ("Service Company") and third-party contractors, National Grid USA will either (1) request the contractor's consent for the Service Company to continue providing services under the Transition Services Agreement ("TSA"); or (2) request that the contractor sign an agreement that creates a standalone version of the contract between Narragansett and the counterparty. Whichever path occurs, the contracts would not become effective until after closing of the Transaction. Contracts between Narragansett and third-party contractors will remain with Narragansett after the closing, with consent of the counterparty only if the contract includes a change of control provision requiring consent, and will not be subject to a TSA. Moreover, many of the contracts with the outside contractors contain confidential and commercially sensitive terms that need to be redacted throughout the documents. Based on the uncertainty surrounding such contracts and therefore their limited relevance, together with the confidential nature of the contracts, National Grid USA and Narragansett have applied the rule of reason and used their sound judgment in limiting the breadth and scope of their response to this request consistent with the guidance provided by the Rhode Island Division of Public Utilities and Carriers Advocacy Section ("Advocacy Section") on June 22, 2021, relating to the scope of the data requests in this proceeding, and taking into account the Advocacy Section's goal of protecting ratepayers when determining scope and relevancy. Accordingly, National Grid USA and Narragansett are providing as Attachment NG-DIV 5-2-2 a list of the outside contractors responsible for relevant operations and maintenance activities of LNG facilities owned and operated by Narragansett, and the planning, design, and/or construction of any new LNG facility owned and operated by Narragansett. Attachment NG-DIV 5-2-2 also provides the term of the contracts under which services have been or will be provided and the names of the parties to each contract.

Employee Name	Responsibility for Operations or Maintenance Activities of Narragansett LNG Facility	Responsibility for Planning, Design, and/or Construction of Any New Narragansett LNG Facility
Thomas F. Smith	Both operations and maintenance activities	Y
Dan Lamriben	Both operations and maintenance activities	Y
Cynthia Caine	Both operations and maintenance activities	Y
Brian Kirkwood	Both operations and maintenance activities	Y
Nick Dube	Both operations and maintenance activities	Y
Jason Costa	Both operations and maintenance activities	Y
Steven Cardoso	Both operations and maintenance activities	Y
Sagar Tale	Both operations and maintenance activities	N
Lizette Lofton	Both operations and maintenance activities	N
Karin Olson	Both operations and maintenance activities	N
Keith Costa	Both operations and maintenance activities	N
Jason Chan	Both operations and maintenance activities	N
Steve Sechovicz	Both operations and maintenance activities	N
Wayne Clark	Both operations and maintenance activities	N
Rebecca Slosberg	Both operations and maintenance activities	N
Felix Azenwi-Fru	Both operations and maintenance activities	Y
K'Chebe Grace	Both operations and maintenance activities	Y
Phil Barber	Both operations and maintenance activities	Y
Norm Brodeur	Both operations and maintenance activities	Y
Mike Eames	Both operations and maintenance activities	Y
Mark Rowe	Both operations and maintenance activities	Y
Kevin Fish	Both operations and maintenance activities	Y
Andrew Cunniff	Both operations and maintenance activities	Y
Dylan Casamassa	Both operations and maintenance activities	Y
Mike Parro	Both operations and maintenance activities	Y
Elizabeth Praught	N/A	Y
Edward Villard	N/A	Y
Joshua Bleicken	N/A	Y
Wilson Wong	N/A	Y
James Stevens	N/A	Y
Faye Brown	N/A	Y

Outside Contractor	National Grid Contracting Party	Responsibility for Operations or Maintenance Activities of Narragansett LNG Facility	Responsibility for Planning, Design, and/or Construction of Any New Narragansett LNG Facility	Term of Contractual Service	
				Contract Start Date	Contract End Date
Alliance System Integrators, Inc	National Grid USA Service Company, Inc.	Both operations and maintenance activities	N	3/19/2018	3/31/2022
Anchor Insulation Company	National Grid USA Service Company, Inc.	Maintenance activites	N	2/4/2016	3/31/2023
CHI Engineering Service, Inc	National Grid Service Company	Maintenance activites	Y	4/1/2016	3/31/2022
Chemtreat Inc	National Grid LNG LLC	Maintenance activites	N	9/30/2019	9/30/2021
CHI Engineering Service, Inc	National Grid USA Service Company, Inc.	Maintenance activites	Y	1/25/2019	3/31/2022
Citiworks Corp.	National Grid USA Service Company, Inc.	Maintenance activites	N	5/21/2019	3/31/2021
EMCOR Facilities Services, Inc.	National Grid USA Service Company, Inc.	Maintenance activites	N	5/18/2011	6/30/2023
Energy Machinery Inc	National Grid LLC	Maintenance activites	N	12/16/2019	1/1/2022
Fraser Engineering Co Inc	National Grid LLC	Maintenance activites	N	7/1/2020	6/30/2022
HDR Engineering, Inc.	National Grid USA Service Company, Inc.	N/A	Y	1/28/2019	3/31/2022
J.H. Lynch & Sons, Inc.	National Grid USA Service Company, Inc.	Maintenance activites	N	6/19/2018	12/31/2020
Johnson Controls	National Grid USA Service Company, Inc.	Maintenance activites	N	9/24/2014	5/14/2020
K Electric	National Grid LLC	Maintenance activites	Y	6/4/2020	5/4/2022
Matrix North American Construction Inc.	National Grid LLC	Both operations and maintenance activities	N	5/14/2018	5/13/2021
Murphy Electric & Industrial Control LLC	National Grid LLC	Maintenance activites	N	8/26/2021	8/25/2023
Sky Testing Services, Inc.	National Grid USA Service Company, Inc.	Maintenance activites	N	4/1/2020	3/31/2025
Stabilis GDS, Inc.	The Narragansett Electric Company	Operations	Y	12/1/2018	3/31/2022
Stabilis GDS, Inc.	The Narragansett Electric Company	Operations	Y	12/1/2019	3/31/2021

National Grid USA and The Narragansett Electric Company
Division 5-3

Request:

Referencing PPL's response to DIV 3-6, please:

- a. Identify each current Narragansett employee with experience in the planning, design and construction of LNG facilities and provide a resume for each identified employee (including each position held, the employee's responsibilities in each position, and the months and years in each position); and
- b. Identify each employee of National Grid or a National Grid affiliate that has had involvement in the planning, design and/or construction of LNG facilities for Rhode Island and provide a resume for each person identified which documents their educational and work experience with respect to the planning, design and construction of LNG facilities.

Response:

- a. No current direct employees of The Narragansett Electric Company ("Narragansett") have experience in the planning, design and construction of liquefied natural gas ("LNG") facilities.
- b. Please see Attachment NG-DIV 5-3 for the employees of National Grid USA and its affiliates, other than Narragansett, that have had involvement in the planning, design, and/or construction of LNG facilities in Rhode Island, including each person's position held and a general job description. National Grid USA has determined that resumes for each person identified from National Grid USA and its non-Narragansett affiliates that documents their educational and past work experience with respect to the planning, design and construction of LNG facilities are not relevant to this proceeding based on its sound judgment and rule of reason in providing responsive documents, consistent with the guidance provided by the Rhode Island Division of Public Utilities and Carriers Advocacy Section ("Advocacy Section") on June 22, 2021 relating to the scope of the data requests in this proceeding, and taking into account the Advocacy Section's goal of protecting ratepayers when determining scope and relevancy.

Name of Service Company Employee:	Position Held/Current Title	General Job Description
Nicole Begnal	Senior Project Manager	Hold delegation of authority over and accountability for a large portfolio of complex gas projects in the New England territory. Responsible for the careful stewardship and prudent financial control of the portfolio throughout the execution phase: including planning, management and governance of assigned projects in accordance with the National Grid Capital Delivery model. Utilize Project Execution Plan, in combination with skills, influence, communication, technical and proven leadership experience in major oil and gas construction projects, to drive efficiencies across projects for on-schedule and on-budget delivery in alignment with company values, safety objectives and quality standards. Accept high visibility role communicating with senior staff, executive leadership and external stakeholder community, including elected officials and government regulatory authorities. Manage the scope, schedule, budget and quality of the Gas Capital Projects to ensure they are developed in a least cost, fit for purpose manner to improve long term project robustness, requirements, costs and timescales.
Robert Alessio	Principal Project Manager	Hold delegation of authority over and accountability for a large portfolio of complex gas projects in the New England territory. Responsible for the careful stewardship and prudent financial control of the portfolio throughout the execution phase: including planning, management and governance of assigned projects in accordance with the National Grid Capital Delivery model. Utilize Project Execution Plan, in combination with skills, influence, communication, technical and proven leadership experience in major oil and gas construction projects, to drive efficiencies across projects for on-schedule and on-budget delivery in alignment with company values, safety objectives and quality standards. Accept high visibility role communicating with senior staff, executive leadership and external stakeholder community, including elected officials and government regulatory authorities. Manage the scope, schedule, budget and quality of the Gas Capital Projects to ensure they are developed in a least cost, fit for purpose manner to improve long term project robustness, requirements, costs and timescales.
Patrick Chaney	Lead Project Manager	Hold delegation of authority over and accountability for a large portfolio of complex gas projects in the New England territory. Responsible for the careful stewardship and prudent financial control of the portfolio throughout the execution phase: including planning, management and governance of assigned projects in accordance with the National Grid Capital Delivery model. Utilize Project Execution Plan, in combination with skills, influence, communication, technical and proven leadership experience in major oil and gas construction projects, to drive efficiencies across projects for on-schedule and on-budget delivery in alignment with company values, safety objectives and quality standards. Accept high visibility role communicating with senior staff, executive leadership and external stakeholder community, including elected officials and government regulatory authorities. Manage the scope, schedule, budget and quality of the Gas Capital Projects to ensure they are developed in a least cost, fit for purpose manner to improve long term project robustness, requirements, costs and timescales.
Sankalp Geetam	Senior Project Manager	Hold delegation of authority over and accountability for a large portfolio of complex gas projects in the New England territory. Responsible for the careful stewardship and prudent financial control of the portfolio throughout the execution phase: including planning, management and governance of assigned projects in accordance with the National Grid Capital Delivery model. Utilize Project Execution Plan, in combination with skills, influence, communication, technical and proven leadership experience in major oil and gas construction projects, to drive efficiencies across projects for on-schedule and on-budget delivery in alignment with company values, safety objectives and quality standards. Accept high visibility role communicating with senior staff, executive leadership and external stakeholder community, including elected officials and government regulatory authorities. Manage the scope, schedule, budget and quality of the Gas Capital Projects to ensure they are developed in a least cost, fit for purpose manner to improve long term project robustness, requirements, costs and timescales.
Bradley Wheeler	Manager of Project Management	Manager of the project management team that will hold delegation of authority over and accountability for a large portfolio of complex gas projects in the New England territory. Responsible for the careful stewardship and prudent financial control of the portfolio throughout the execution phase: including planning, management and governance of assigned projects in accordance with the National Grid Capital Delivery model. Utilize Project Execution Plan, in combination with skills, influence, communication, technical and proven leadership experience in major oil and gas construction projects, to drive efficiencies across projects for on-schedule and on-budget delivery in alignment with company values, safety objectives and quality standards. Accept high visibility role communicating with senior staff, executive leadership and external stakeholder community, including elected officials and government regulatory authorities. Manage the portfolio of projects across the New England territory in regards to scope, schedule, budget and quality of the Gas Capital Projects to ensure they are developed in a least cost, fit for purpose manner to improve long term project robustness, requirements, costs and timescales.

Danielle Phillips	Manager of Project Management	Manager of the project management team that will hold delegation of authority over and accountability for a large portfolio of complex gas projects in the New England territory. Responsible for the careful stewardship and prudent financial control of the portfolio throughout the execution phase: including planning, management and governance of assigned projects in accordance with the National Grid Capital Delivery model. Utilize Project Execution Plan, in combination with skills, influence, communication, technical and proven leadership experience in major oil and gas construction projects, to drive efficiencies across projects for on-schedule and on-budget delivery in alignment with company values, safety objectives and quality standards. Accept high visibility role communicating with senior staff, executive leadership and external stakeholder community, including elected officials and government regulatory authorities. Manage the portfolio of projects across the New England territory in regards to scope, schedule, budget and quality of the Gas Capital Projects to ensure they are developed in a least cost, fit for purpose manner to improve long term project robustness, requirements, costs and timescales.
Ed Villard	Lead Engineer	Project engineer who oversees design process and technical aspects of project. Writes RFPs/SOWs, selects design vendors, works with various internal and external stakeholders, ensures that delivered design is in accordance with code, company standards and LNG Operations preferences
Rebecca Slosberg	Lead Engineer	Project engineer who oversees design process and technical aspects of project. Writes RFPs/SOWs, selects design vendors, works with various internal and external stakeholders, ensures that delivered design is in accordance with code, company standards and LNG Operations preferences
Dylan Weinand	Senior Engineer	Project engineer who oversees design process and technical aspects of project. Writes RFPs/SOWs, selects design vendors, works with various internal and external stakeholders, ensures that delivered design is in accordance with code, company standards and LNG Operations preferences
Dennis Behr	Consulting Engineer	Project engineer who oversees design process and technical aspects of project. Writes RFPs/SOWs, selects design vendors, works with various internal and external stakeholders, ensures that delivered design is in accordance with code, company standards and LNG Operations preferences
Nimisha Rao	Senior Engineer	Project engineer who oversees design process and technical aspects of project. Writes RFPs/SOWs, selects design vendors, works with various internal and external stakeholders, ensures that delivered design is in accordance with code, company standards and LNG Operations preferences
Elizabeth Praught	Engineering Manager	Manager of the LNG/CNG project engineering team. Supports and manages engineers. Reviews LNG/CNG projects in all phases.
Greg Shea	Sr. Supervisor (Former - has moved to another department)	Construction Supervision for the Cumberland tank demolition
Brendan Maloney	Sr. Supervisor	Liquifier, Primary Construction Supervisor since start
Jeff Hancock	Sr. Supervisor	Liquifier, Construction Supervisor since hiring on 03/21
Kristian Theriault	Sr. Supervisor	Liquifier, GZA Geotechnical expert prior to becoming full time with NG, Has filled as Primary prior to hiring Hancock. Currently assigned to Exeter High Ex foam project.
John Thorne	Lead Project Manager, Project Development	Shepherd New England Gas Complex projects through the Network Development process in order to achieve the timely creation and approval of the Project Execution Plan, including but not limited to complete design and engineering, baseline schedule, detailed cost estimate, risk profile, and resourcing strategy. Assemble a cross functional project team to establish development and design requirements, milestones and least cost, fit-for-purpose solution. Work closely with the Process Safety and associated organizations in order to identify and respond appropriately to any potential hazards, incidents, or circumstances that impact the safety, well-being, and working environment of any projects. Facilitate and encourage the introduction of new technologies and innovative solutions to improve the delivery of NE Gas complex capital projects safely, on time, and in accordance with regulations, policies and procedures. Review project reports and performance metrics in order to monitor progress according to plan, guide the resolution of any major issues and provide timely updates to senior management.
James Stevens	Lead Project Manager, Project Development	Shepherd New England Gas Complex projects through the Network Development process in order to achieve the timely creation and approval of the Project Execution Plan, including but not limited to complete design and engineering, baseline schedule, detailed cost estimate, risk profile, and resourcing strategy. Assemble a cross functional project team to establish development and design requirements, milestones and least cost, fit-for-purpose solution. Work closely with the Process Safety and associated organizations in order to identify and respond appropriately to any potential hazards, incidents, or circumstances that impact the safety, well-being, and working environment of any projects. Facilitate and encourage the introduction of new technologies and innovative solutions to improve the delivery of NE Gas complex capital projects safely, on time, and in accordance with regulations, policies and procedures. Review project reports and performance metrics in order to monitor progress according to plan, guide the resolution of any major issues and provide timely updates to senior management.

William Foley	Manager of Project Development	<p>Manager of the Project Development team which shepherds New England Gas Complex projects through the Network Development process in order to achieve the timely creation and approval of the Project Execution Plan, including but not limited to complete design and engineering, baseline schedule, detailed cost estimate, risk profile, and resourcing strategy. Assemble a cross functional project team to establish development and design requirements, milestones and least cost, fit-for-purpose solution. Work closely with the Process Safety and associated organizations in order to identify and respond appropriately to any potential hazards, incidents, or circumstances that impact the safety, well-being, and working environment of any projects. Facilitate and encourage the introduction of new technologies and innovative solutions to improve the delivery of NE Gas complex capital projects safely, on time, and in accordance with regulations, policies and procedures. Review project reports and performance metrics in order to monitor progress according to plan, guide the resolution of any major issues and provide timely updates to senior management.</p>
Joshua Bleicken	Manager Pressure Regulation Engineering/ LNG/CNG Asset Management	<p>Manager for Pressure for Pressure Regulation Engineering, LNG/CNG Asset Engineering and Gas Business Process Safety. Aids GBE development and Implementation. Reviews TVC Records for Capital Projects. Owns and executes Capital Work Plans. Sanctions Programs and Projects. Supports I&R and LNG Requests and Reactive work. Maintains C55 Investments and attends Zero Variance Meetings. Supports Rate Cases. Responds to regulatory requests and reporting. Reacts and responds to IA's/Emergencies. Implements Station records gap remediation. Maintains Asset Inventory Database for LNG plants and pressure regulating Stations. Owns Station Integrity management program. Performs asset risk modeling. Manages heater glycol program. Implements LNG and CNG peak shaving operations. This engineering position will be expected to:</p> <ul style="list-style-type: none"> •Develop 5 year asset strategy and development of risk based capital plans for National Grids Liquefied Natural Gas (LNG) stations located in Long Island, Brooklyn, Massachusetts, and Rhode Island. •Develop a risk based model to evaluate all National Grid LNG stations that reflects the asset design, condition, strategic importance, and safety •Create training materials for field personnel involved in maintenance activities •Coordination with L&D to implement business specific training for LNG equipment •Develop strategies for capital improvements and station replacements •Develop engineering design specifications for LNG projects •Develop maintenance standards and specifications •Make recommendations for program improvements •Collaborate with the Process Safety liaisons from Gas Engineering, Gas Operations, and Gas Construction •Schedule and coordinate process safety reviews for LNG assets and modifications •Lead and conduct HAZOPs and LOPA studies for LNG station designs •Attend and the Bi-weekly Engineering Process Safety meetings •Completion of action items, training, and other key performance indicators •Work with our Process Safety engineers to create a program with collaboration from LNG Operations that ensures the review and inspection of Safety Instrumented Systems at LNG stations and coordination of the field work associated with calibration and end to end checking of Safety Instrumented Systems as well as Base Process Controllers (BPC's). •<u>Meeting with key stakeholders and assure that LNG stations meet and exceed the</u>
Brian Caldwell	Team Lead Engineer LNG CNG Asset Management	<p>Manages LNG/ CNG Asset management team. This engineering position will be expected to:</p> <ul style="list-style-type: none"> •Develop 5 year asset strategy and development of risk based capital plans for National Grids Liquefied Natural Gas (LNG) stations located in Long Island, Brooklyn, Massachusetts, and Rhode Island. •Develop a risk based model to evaluate all National Grid LNG stations that reflects the asset design, condition, strategic importance, and safety •Create training materials for field personnel involved in maintenance activities •Coordination with L&D to implement business specific training for LNG equipment •Develop strategies for capital improvements and station replacements •Develop engineering design specifications for LNG projects •Develop maintenance standards and specifications •Make recommendations for program improvements •Collaborate with the Process Safety liaisons from Gas Engineering, Gas Operations, and Gas Construction •Schedule and coordinate process safety reviews for LNG assets and modifications •Lead and conduct HAZOPs and LOPA studies for LNG station designs •Attend and the Bi-weekly Engineering Process Safety meetings •Completion of action items, training, and other key performance indicators •Work with our Process Safety engineers to create a program with collaboration from LNG Operations that ensures the review and inspection of Safety Instrumented Systems at LNG stations and coordination of the field work associated with calibration and end to end checking of Safety Instrumented Systems as well as Base Process Controllers (BPC's). •<u>Meeting with key stakeholders and assure that LNG stations meet and exceed the</u> <p>corporate standards for individual and societal risk.</p>

<p>Lucas Drake</p>	<p>Lead Engineer Pressure Regulation Engineering IVP/IMP (Former LNG/CNG Asset)</p>	<p>This position creates the strategy and delivers the documentation for National Grid's records for transmission connected regulating stations. It also creates the capital program for replacing undocumented piping as well as component analysis and testing to ensure that National Grids stations operating at transmission pressure meet the PHMSA guidelines for safe and reliable operation of transmission assets. This position develops the IMP (Integrity Management) program in accordance with Federal and State rules and regulations.</p> <p>Position Responsibilities (including but not limited to):</p> <ul style="list-style-type: none"> - Make informed, authoritative technical asset plans for maintenance and capital investment in support of the Pressure Regulation IMP program - Translate IMP program requirements into clearly defined business cases, and budgets. - Direct and deliver a range of engineering services, and solutions to enable capital improvements to mitigate system integrity damage or substandard conditions and meet the required standards of maintenance and construction.
<p>Steven Cardoso</p>	<p>Lead Engineer LNG CNG Asset Management</p>	<p>This engineering position will be expected to:</p> <ul style="list-style-type: none"> •Develop 5 year asset strategy and development of risk based capital plans for National Grids Liquefied Natural Gas (LNG) stations located in Long Island, Brooklyn, Massachusetts, and Rhode Island. •Develop a risk based model to evaluate all National Grid LNG stations that reflects the asset design, condition, strategic importance, and safety •Create training materials for field personnel involved in maintenance activities •Coordination with L&D to implement business specific training for LNG equipment •Develop strategies for capital improvements and station replacements •Develop engineering design specifications for LNG projects •Develop maintenance standards and specifications •Make recommendations for program improvements •Collaborate with the Process Safety liaisons from Gas Engineering, Gas Operations, and Gas Construction •Schedule and coordinate process safety reviews for LNG assets and modifications •Lead and conduct HAZOPs and LOPA studies for LNG station designs •Attend and the Bi-weekly Engineering Process Safety meetings •Completion of action items, training, and other key performance indicators •Work with our Process Safety engineers to create a program with collaboration from LNG Operations that ensures the review and inspection of Safety Instrumented Systems at LNG stations and coordination of the field work associated with calibration and end to end checking of Safety Instrumented Systems as well as Base Process Controllers (BPC's). •Meeting with key stakeholders and assure that LNG stations meet and exceed the corporate standards for individual and societal risk.
<p>Matt Adam</p>	<p>Lead Engineer LNG CNG Asset Management</p>	<p>This engineering position will be expected to:</p> <ul style="list-style-type: none"> •Develop 5 year asset strategy and development of risk based capital plans for National Grids Liquefied Natural Gas (LNG) stations located in Long Island, Brooklyn, Massachusetts, and Rhode Island. •Develop a risk based model to evaluate all National Grid LNG stations that reflects the asset design, condition, strategic importance, and safety •Create training materials for field personnel involved in maintenance activities •Coordination with L&D to implement business specific training for LNG equipment •Develop strategies for capital improvements and station replacements •Develop engineering design specifications for LNG projects •Develop maintenance standards and specifications •Make recommendations for program improvements •Collaborate with the Process Safety liaisons from Gas Engineering, Gas Operations, and Gas Construction •Schedule and coordinate process safety reviews for LNG assets and modifications •Lead and conduct HAZOPs and LOPA studies for LNG station designs •Attend and the Bi-weekly Engineering Process Safety meetings •Completion of action items, training, and other key performance indicators •Work with our Process Safety engineers to create a program with collaboration from LNG Operations that ensures the review and inspection of Safety Instrumented Systems at LNG stations and coordination of the field work associated with calibration and end to end checking of Safety Instrumented Systems as well as Base Process Controllers (BPC's). •Meeting with key stakeholders and assure that LNG stations meet and exceed the corporate standards for individual and societal risk.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-4

Request:

Referencing PPL's response to DIV 3-7, please respond to DIV 3-7 in the context of Narragansett's Natural Gas Portfolio Management Plan addressed by Witness Protano in RIPUC Docket No. 5066 and the Gas Asset Management Arrangements discussed in the June 30, 2020 Gas Long-Range Resource and Requirements Plan filed by National Grid with the Rhode Island Public Utilities Commission (RIPUC).

Response:

PPL Corporation and PPL Rhode Island Holdings, LLC have responded to this request in their response to Data Request Division 5-4.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-5

Request:

Please provide a full copy of the confidential version of National Grid's Gas Long- Range Resource Plan for the Forecast Period 2020/21 to 2024/25 that was filed with the RIPUC on June 30, 2020.

Response:

Please see Attachment NG-DIV 5-5 Confidential for a full copy of National Grid's Gas Long-Range Resource Plan for the Forecast Period 2020/21 to 2024/25 that was filed with the Rhode Island Public Utilities Commission in Docket No. 5043 on June 30, 2020, including the confidential version of the accompanying exhibits.

National Grid USA and The Narragansett Electric Company
Division 5-6

Request:

Please explain the roles that National Grid personnel and PPL personnel are expected to play in the development of the biennial Gas Long-Range Resource and Requirements Plan that is scheduled to be filed in the first half of 2022. As part of the response to this request, provide the names and resumes of the individuals that National Grid and PPL expect to be involved in the development of the referenced Gas Long-Range Resource and Requirements Plan, as well as the expected responsibilities of each individual identified.

Response:

PPL Rhode Island Holdings, LLC ("PPL Rhode Island") will be responsible for the filing of the biennial Gas Long-Range Resource and Requirements Plan that is scheduled to be filed in the first half of 2022. As Day 1 planning progresses, the parties anticipate that National Grid USA will support PPL Rhode Island with the development of the Gas Long-Range Resource and Requirements Plan via Transition Services Agreements. At this time, National Grid USA does not know who specifically will perform the work; therefore, National Grid USA cannot identify the specific individuals expected to be involved in the development of the Gas Long-Range Resource and Requirements Plan. However, the parties expect that there will be considerable continuity of resources that have undertaken this activity in the past, including from National Grid USA's Energy Procurement, Gas Forecasting, and System Planning teams.

National Grid USA and The Narragansett Electric Company
Division 5-7

Request:

With respect to the National Grid LNG LLC (NGLNG) Fields Point Liquefaction Project, the Federal Energy Regulatory Commission (FERC) issued a notice on December 21, 2020 regarding the request of NGLNG for an extension of time until October 17, 2022 to complete construction of, and place into service its NGLNG Fields Point Liquefaction Project. Please:

- a. Verify that October 17, 2022 is still the anticipated in-service date for the NGLNG Fields Point Liquefaction Project, and if not, provide the current anticipated in-service date for that facility.
- b. Provide the current expected date on which service from the NGLNG Fields Point Liquefaction Project is expected to begin providing liquefied natural gas (LNG) to:
 - i. Narragansett's gas system;
 - ii. other entities located in Rhode Island; and
 - iii. entities that are located in other jurisdictions.

Response:

- a. The current expectation is that the NGLNG Fields Point Liquefaction Project facilities will be in-service on or before October 17, 2022, which is the end of the current extension period for placing the facilities in service.
- b.
 - i. The Narragansett Electric Company ("Narragansett") will be able to use its contracted capacity in the liquefaction facility as of the in-service date, which is expected to be on or before October 17, 2022. The timing will be the same regardless of whether PPL Rhode Island Holdings, LLC or National Grid USA owns Narragansett.
 - ii. No other entities in Rhode Island have contracted to use the liquefaction facility.
 - iii. Boston Gas Company is the only other entity that has contracted to use the liquefaction facility, and it will be able to do so at the same time as Narragansett.

National Grid USA and The Narragansett Electric Company
Division 5-8

Request:

With respect to the NGLNG Fields Point Liquefaction Project, please provide the volumes of LNG that the project is expected to provide when in full operation to:

- a. Narragansett's gas system;
- b. other entities located in Rhode Island; and
- c. entities that are located in other jurisdictions.

Response:

- a. The Narragansett Electric Company ("Narragansett") has contracted to use up to 2,616 dekatherms ("Dth") per day of the National Grid LNG LLC ("NGLNG") liquefaction capacity on a firm basis during the liquefaction season. The volume will be the same regardless of whether PPL Rhode Island Holdings, LLC or National Grid USA owns Narragansett.
- b. No other entity in Rhode Island has contracted to use the NGLNG liquefaction facility.
- c. Boston Gas Company has contracted to use up 17,984 Dth per day of the NGLNG liquefaction capacity on a firm basis during the liquefaction season.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-9

Request:

PPL's response to DIV 3-8 states that "PPL will work closely with National Grid during the TSA period to build its experience during that time to complement the substantial experience PPL personnel already have with natural gas purchasing for LG&E." Please:

- a. Identify the specific PPL personnel that will be dedicated to gaining experience in the New England gas market and provide their detailed resumes showing the work and educational experience of each individual identified. Please include in this response specific descriptions of all prior gas purchasing experience with respect to New England natural gas markets of each of the identified personnel.
- b. Indicate where the persons who will perform gas purchasing activities for PPL will be physically located after the transaction is closed.

Response:

PPL Corporation and PPL Rhode Island Holdings, LLC have responded to this request in their response to Data Request Division 5-9.

National Grid USA and The Narragansett Electric Company
Division 5-10

Request:

PPL's response to DIV 3-8 states that this response indicates that “[a]fter the TSA period, PPL and PPL RI will ensure that gas procurement services for Nanagansett will be provided in a manner consistent with the provision of such services prior to completion of the Transaction.” With respect to that statement, please:

- a. Identify the criteria and/or measures of performance that PPL intends to use to demonstrate that its provision of gas procurement services after the TSA period will be “provided in a manner consistent with the provision of such services prior to completion of the Transaction.”
- b. Verify that PPL does not have any expectation at this point that it can improve upon the gas procurement services that National Grid has provided for Narragansett in recent years.

Response:

PPL Corporation and PPL Rhode Island Holdings, LLC have responded to this request in their response to Data Request Division 5-10.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-11

Request:

PPL's response to DIV 3-15(b) states that “[b]ased on the current state of their review, however, PPL and PPL RI currently view Narragansett's existing strategies as appropriate and prudent for the Rhode Island market.” Please provide the data, analyses, and criteria upon which this statement is premised.

Response:

PPL Corporation and PPL Rhode Island Holdings, LLC have responded to this request in their response to Data Request Division 5-11.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-12

Request:

Please indicate the current expected in-service date for the Northeast Energy Center which National Grid indicated in its testimony in Docket No. 5066 was delayed and expected be to in-service "during the 2022 refill."

Response:

At this time, Northeast Energy Center continues to await the issuance of its permit from the Massachusetts Energy Facilities Siting Board to construct and operate the liquefaction project in Charlton, Massachusetts. Provided the permit is issued in fall of 2021, the project is expected to commence service by April 1, 2023. National Grid USA understands that the in-service date for the Northeast Energy Center will not be impacted by PPL Rhode Island Holdings, LLC's acquisition of The Narragansett Electric Company from National Grid USA.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-13

Request:

Please indicate whether LG&E operates a Customer Choice program to enable customers to procure natural gas supplies from competitive service providers, and if so, please provide:

- a. Full documentation of the terms under which such service is provided, including all application rate schedules and tariff provisions; and
- b. The numbers of customers and annual volumes by rate schedule that utilities competitive gas supply options in each of the last three calendar years as well as the percentage of total service volumes that represented the delivery of competitively purchased gas supplies in each of the last three calendar years.

Response:

PPL Corporation and PPL Rhode Island Holdings, LLC have responded to this request in their response to Data Request Division 5-13.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-14

Request:

Referencing PPL's response to DIV 3-21(a), the table comparing residential gas rates for KY gas utilities provided as part of PPL's response to DIV 3-21(a) includes a line for "DSM" which appears to be applicable only to LG&E. Please:

- a. Explain the basis for, and derivation of, the \$0.20 entry on that line for LG&E; and
- b. Provide documentation of the parameters and terms of each gas DSM program presently offered by LG&E.

Response:

PPL Corporation and PPL Rhode Island Holdings, LLC have responded to this request in their response to Data Request Division 5-14.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-15

Request:

Referencing PPL's response to DIV 3-21, Attachment PPL-DIV 3-21-2, page 11 of 24. The table presented on the referenced page provides planned Labor O&M expenses through 2023. Please provide similar data for actual and planned Narragansett gas system Labor O&M expenses. If Labor O&M expenses have been planned or budgeted for Narragansett's gas system beyond 2023, please provide these data.

Response:

Please see the table below for the requested information:

<u>The Narragansett Electric Company Gas Base Labor (\$ Millions)</u>						
	FY17	FY18	FY19	FY20	FY21	FY22
	Actual	Actual	Actual	Actual	Actual	Plan
Total Labor O&M	\$25.6	\$29.6	\$28.4	\$28.3	\$31.2	\$30.3

National Grid USA and The Narragansett Electric Company ("Narragansett") do not have Labor Operations & Maintenance expenses planned or budgeted for Narragansett's gas system for fiscal year 2023 or beyond.

PPL Corporation and PPL Rhode Island Holdings, LLC have provided information regarding the estimated Labor Operations & Maintenance expenses to operate post-TSA in their response to Data Request Division 5-15.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
 NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
 Docket No. D-21-09
 National Grid USA and The Narragansett Electric Company's
 Responses to Division's Fifth Set of Data Requests
 Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-16

Request:

Please provide the Narragansett gas system employee head count by function for each of the last five years and for each future year for which projections are available.

Response:

Please see Table 1 below for The Narragansett Electric Company ("Narragansett") gas system employee head counts by function for each of the last five years. These numbers reflect the currently available employee head counts from Narragansett's SAP Human Capital Management System as of July 31, 2021. Projected head counts for future years are not available.

Table 1

Function	Number (1) (2)				
	16-Dec	17-Dec	18-Dec	19-Dec	20-Dec
Gas Field Operations (3)	419	385	386	356	333
Capital Delivery Programs (4)				26	30
Property Services	9	8	8	8	8
Work & Resource Planning					5
Fleet Management	18	17	18	19	20
Inventory & Warehouse Mgmt	9	9	9	8	8
Asset Mgmt & Engineering	18	17	17	20	22
Total	473	436	438	437	426

(1) Includes represented union members of Locals 310, 310B, and 12431 and management employees of Narragansett. National Grid USA Service Company, Inc. employees are not included.

(2) Historical numbers are restated to represent current organization structures.

(3) Includes Customer Meter Services ("CMS") employees who report through Narragansett's Gas division. Until April 1, 2021, CMS employees who report through Narragansett's Gas division included both gas and electric CMS employees that are reflected in the head count. The number of electric CMS employees included in the head count above are set forth in Table 2 below.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

(4) Capital Delivery was part of Gas Field Operations in 2016 through 2018.

Table 2

CMS Electric in Field Ops above	65	64	67	42	59
Net Gas Only Employees	408	372	371	395	367

National Grid USA and The Narragansett Electric Company
Division 5-17

Request:

Please provide the total numbers of gas system employees by function and the numbers of gas system employees that National Grid expects will retire in each of the next five years.

Response:

Please see Table 1 below for the total number of The Narragansett Electric Company ("Narragansett") gas system employees by function as of July 31, 2021. These numbers reflect the currently available employee head counts from National Grid USA's SAP Human Capital Management System as of July 31, 2021.

Table 1

Function	Number (1)
Gas Field Operations (2)(3)	387
Gas Network Operations	7
Property Services	9
Work & Resource Planning	7
Fleet Management	20
Inventory & Warehouse Mgmt	9
Asset Mgmt & Engineering	21
Total	460

- (1) Includes represented union members of Locals 310, 310B, and 12431 and management employees of Narragansett; National Grid USA Service Company, Inc. employees are not included.
- (2) Includes electric Customer Meter Services ("CMS") employees who report through Narragansett's Gas division. Until April 1, 2021, CMS employees who report through Narragansett's Gas division included both gas and electric CMS employees, which continue to be included in the above head counts. National Grid USA's HRIS database will continue to reflect electric CMS employees in the head counts for Narragansett Gas division employees through Fall 2021. The number of electric CMS employees included in the head count above are set forth in Table 2 below.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

(3) Gas Field Operations includes Capital Delivery.

Table 2

CMS Electric in Field Ops above	62
Net Gas Only Employees	398

Please see Table 3 below for the number of Narragansett gas-only system employees expected to retire in each of the next five years. Expected retirement numbers are forecasted based on historical trending analysis.

Table 3

Year	Expected Retirements
1	7
2	9
3	7
4	8
5	10

National Grid USA and The Narragansett Electric Company
Division 5-18

Request:

Please detail Narragansett's current plan for replacing gas system employees who are expected to retire, as well as the Company's plans and budgeted costs for replacing retired employees, including the costs of training new employees. If there are plans to replace existing Narragansett gas system employees with outside contractor personnel, please document those plans and the numbers of Narragansett employee positions that will be replaced by outside contractor personnel.

Response:

The Narragansett Electric Company ("Narragansett") undertakes workforce planning activities to devise plans that mitigate risks of employee retirements. Narragansett takes incremental steps to hire, train, and qualify its workforce to ensure that its workforce can safely and reliably operate and maintain the gas distribution system. In particular, Narragansett takes steps to assure adequate workforce levels, taking into consideration the competing dynamics of looming employee retirements and multi-year training processes for gas utility workers. Narragansett proactively recruits and trains new gas utility crews to build a pipeline to replace its retiring workers. Recognizing that bulk employee retirements are emerging as a result of the age and composition of Narragansett's workforce, Narragansett uses an analytical tool to predict, prioritize, and mitigate workforce capacity and capability risks to its core business to anticipate annual retirements. Please see National Grid USA and Narragansett's response to Data Request Division 5-17 for the number of Narragansett gas system employees expected to retire in each of the next five years.

Most Narragansett gas system employees are union employees. When union employees retire, the vacant roles are filled through the union "Progression" process. The majority of Narragansett's gas system union positions have minimum criteria included in their job descriptions that must be met prior to an employee moving into a higher job classification; thus, union positions are awarded to the senior most qualified applicant. This is referred to as "Progression." As retirements create vacancies, employees within the union that meet the position criteria from a lower classification become eligible to fill the vacancies. Narragansett then builds an external entry-level pipeline of union employees through direct external hiring, as well as temporary union employees. New full-time employees must be provided the training and experience necessary over time to become fully qualified for utility work. The qualification process for gas utility workers is a multi-year process, designed to provide employees with the technical expertise and technical knowledge needed for their specific job function. The progression training process for gas workers can take up to 12 to 18 months, depending on the

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

function. Narragansett hires temporary union employees to perform certain seasonal, lower classification work across the gas business. Temporary employees are onboarded, trained and deployed to execute the specific work. Based on performance, these temporary employees can then become eligible to fill full-time vacancies and begin their time in Progression. Narragansett works with National Grid USA's recruiting team to hire entry-level and temporary employees, focusing on trade schools, community colleges and vocational technical schools, and traditional job postings. Narragansett also encourages referrals from current union employees.

For management areas where Narragansett expects retirements to be significant, Narragansett focuses on building its talent pipeline and developing more junior employees to fulfill these roles. Where Narragansett has gaps, it will hire directly from the external market and/or internally. To ensure proper depth is maintained for management roles, succession plans and talent are continuously reviewed and employees are developed for roles in the near term and future. Narragansett's management talent pipeline also includes hiring interns, which Narragansett anticipates converting to full time employees and hiring college graduates through National Grid USA's Graduate Development Program ("GDP"). GDP employees participate in an intensive on-boarding focused on learning the overall National Grid USA business. The GDP then begin their roles within the gas business and are coached to the expectations of the job while also participating in GDP development days and a final project.

National Grid USA and Narragansett do not specifically forecast or budget costs for replacing retired employees, including training costs for new hires replacing retired employees. The primary driver of costs to replace employees who have retired is through training; however, National Grid USA and Narragansett do not itemize a budget for training new employees separate from all employees. Therefore, Narragansett does not have a specific amount budgeted for training new employees brought into the organization. Narragansett's cost for training gas system personnel during a typical (i.e., non-COVID-19) year was \$761,037 in fiscal year 2020. This includes all new and current employees.

Currently, Narragansett has no immediate plans to replace gas system employees who are expected retire either through the hiring of new employees or with outside contractor personnel.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-19

Request:

Please provide any assessments prepared by or for National Grid, Narragansett, and/or PPL of the numbers of gas system employees expected to separate voluntarily from Narragansett following completion of the Transaction.

Response:

National Grid USA and The Narragansett Electric Company ("Narragansett") currently do not have any assessments of gas system employees expected to separate voluntarily from Narragansett following completion of PPL Rhode Island Holdings, LLC's acquisition of Narragansett from National Grid USA.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-20

Request:

Please provide the numbers of Narragansett gas system employees who are expected to be involuntarily terminated as a result of the proposed acquisition and the expected costs of such involuntary terminations of service.

Response:

PPL Corporation and PPL Rhode Island Holdings, LLC have responded to this request in their response to Data Request Division 5-20.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-21

Request:

Referencing PPL's response to DIV 3-23, Attachment 3-23-1, please provide a comparable graph that plots the gas costs for each Kentucky gas utility separately.

Response:

PPL Corporation and PPL Rhode Island Holdings, LLC have responded to this request in their response to Data Request Division 5-21.

National Grid USA and The Narragansett Electric Company
Division 5-22

Request:

Referencing PPL's response to DIV 3-21, Attachment PPL-DIV 3-21-2 at page 24 of 24, please provide comparable data for Key Performance Indicators for the Narragansett gas system for each year such data are available.

Response:

Please see the table below for Key Performance Indicator ("KPI") data for The Narragansett Electric Company's ("Narragansett") gas distribution system that is comparable to the information provided by PPL Corporation in its response to Data Request Division 3-21, Attachment PPL-DIV 3-21-2, at page 24 of 24. Please note that some of the KPIs in Attachment PPL-DIV 3-21-2, at page 24 of 24, are different from the Gas Service Quality Plan metrics that Narragansett currently reports on annually in Rhode Island Public Utilities Commission Docket No. 3476.

As indicated in the table below, please note that Narragansett does not track some of the KPIs in the same manner as Louisville Gas and Electric ("LG&E"). For example, National Grid USA or Narragansett do not track a "Safety – Contractor Incident Rate" for Narragansett. National Grid USA tracks contractor hours on only a U.S.-wide basis, and not by specific operating company, so the denominator of the equation cannot be produced. Thus, instead of providing a "Safety – Contractor Incident Rate" KPI, National Grid USA and Narragansett have provided the total number of contractor incidents for Narragansett's gas distribution system for each applicable year.

Moreover, Narragansett does not have readily available data for "Gas Response Priority 1 Calls (Minutes)." Instead, Narragansett's Regulatory Quality Performance Metrics tracks the percentage of leak calls responded to within 30 and 45 minutes. The actual response time for each call is tracked manually on paper logs. It would be unduly burdensome and require significant manual data entry to calculate average response times in minutes. Thus, National Grid USA and Narragansett have provided the percentage of leak calls responded to within 30 and 45 minutes.

Further, Narragansett does not track a KPI for its gas distribution system that aligns with LG&E's "New Business Cycle Time (Calendar Days)" and, therefore, does not have performance data readily available. From a process perspective, when Narragansett's Work Coordination group receives a permit, it confirms crew availability within the next two to three weeks to complete the work. Narragansett then makes a Dig Safe request, which is completed

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
 NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
 Docket No. D-21-09
 National Grid USA and The Narragansett Electric Company's
 Responses to Division's Fifth Set of Data Requests
 Issued on August 6, 2021

within three days. The completed work packet is then sent to Narragansett's Gas Field Operations group with the target of starting construction within two to four weeks, barring any delays in the field.

Operational Performance Key Performance Indicators

National Grid Information	Year Ending 12/31				
	2017	2018	2019	2020	2021 Thru July
KPI					
Safety - Employee Incident Rate ¹	3.30	6.63	6.96	3.82	3.04
Safety - Contractors Incident Rate ²	N/A: see "Safety - Contractors Incident Count"				
Safety - Contractors Incident Count ³	1	0	2	1	0
DART - Employees ⁴	1.45	4.42	5.44	3.10	2.68
Gas Response Priority 1 Calls (Minutes) ⁵	N/A: see "Leak-Call Response"				
Leak-Call Response:					
Normal Business Hours: M-F8:00-16:30 (excluding holidays) % in 30 Minutes or Less	95.48%	94.94%	95.08%	96.62%	97.21%
After Business Hours % in 45 Minutes or Less	95.70%	96.17%	95.96%	97.24%	98.32%
New Business Cycle Time (Calendar Days) ⁶	N/A				

- 1) Narragansett Gas Field Operations employees only (OSHA Recordable Incidents*200,000/Total Hours Worked).
- 2) Narragansett does not track a Safety - Contractors Incident Rate metric. National Grid USA tracks contractor hours on only a US-wide basis, and not by specific operating company, so the denominator of the equation cannot be produced.
- 3) OSHA Recordable Incidents reported for Narragansett gas contractors.
- 4) NECO Gas Field Operations Employees only. "DART" means Days Away, Restricted, or Transferred.
DART = (Lost Time Incidents + Restricted Duty Incidents)* 200,000/Total Hours Worked.
- 5) Narragansett's Regulatory Quality Performance Metrics tracks percentage of leak calls responded to within 30 and 45 minutes. Actual response time for each call has historically been tracked on manual (paper) logs and would require significant manual data entry to calculate average response time in minutes.
- 6) Narragansett does not track a KPI for its gas distribution system that aligns with PPL's "New Business Cycle Time (Calendar Days)" and does not have the performance data readily available. However, from a process perspective, once Narragansett's Work Coordination group receives a permit and confirms crew availability within the next 2-3 weeks, Narragansett requests a Dig Safe (completed within 3 days). The completed work packet is then sent to field operations with the target of starting the construction within 2-4 weeks, barring any delays in the field.

National Grid USA and The Narragansett Electric Company
Division 5-23

Request:

Referencing PPL's response to DIV 3-23, Attachment 3-23-2, please:

- a. Detail the parameters of each of the Gas Supply Cost Performance-Based Ratemaking programs for which activity is shown in dollar terms;
- b. For each program identified in Attachment 3-23-2, show both the dollar amounts of performance-based incentives provided to LG&E for each period as well as the dollar amounts of customer savings and update the data presented in Attachment 3-23-2 through at least March 2021; and
- c. For each of the time periods shown in Attachment 3-23-2, and on an actual basis through March 2021, provide comparable detail regarding Narragansett's savings and incentive amounts as a result of the Gas Procurement Incentive Plan and Natural Gas Portfolio Management Plan.

Response:

- a. PPL Corporation and PPL Rhode Island Holdings, LLC ("PPL Rhode Island") have responded to part (a) in their response to Data Request Division 5-23.
- b. PPL Corporation and PPL Rhode Island have responded to part (b) in their response to Data Request Division 5-23.
- c. Gas Procurement Incentive Plan¹:
 - For the 12-month period of April 1, 2020 to March 31, 2021, a benefit to customers of \$206,479 from discretionary purchases and a calculated incentive to The Narragansett Electric Company ("Narragansett") of \$20,648.

¹ On February 1, 2017, Narragansett filed a proposed modification to its Gas Procurement Incentive Plan ("GPIP") to change the incentive year from the July-June framework to an April-March period to align the incentive periods of the GPIP and Narragansett's other gas procurement incentive, the Natural Gas Portfolio Management Plan, which the Rhode Island Public Utilities Commission approved on March 10, 2017 pursuant to written Order No. 22717 in Docket No. 4647.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
Responses to Division's Fifth Set of Data Requests
Issued on August 6, 2021

- For the 12-month period of April 1, 2019 to March 31, 2020, a benefit to customers of \$556,031 from discretionary purchases and a calculated incentive to Narragansett of \$48,974.
- For the 12-month period of April 1, 2018 to March 31, 2019, a benefit to customers of \$288,504 from discretionary purchases and a calculated incentive to Narragansett of \$20,726.
- For the 12-month period of April 1, 2017 to March 31, 2018, a benefit to customers from discretionary purchases of \$268,023 and a calculated incentive to Narragansett of \$17,789.
- For the nine-month period of July 1, 2016 to March 31, 2017, a benefit to customers from discretionary purchases of \$569,715 and a calculated incentive to Narragansett of \$54,616.
- For the July 1, 2015 to June 30, 2016, a benefit to customers from discretionary purchases of \$1,679,633 and a calculated incentive to Narragansett of \$167,963.

Natural Gas Portfolio Management Plan:

- For the period April 1, 2020 to March 31, 2021, the optimization program results were \$9,043,532.58. The total savings to the customers was \$8,039,179.32, and the incentive to Narragansett was \$1,004,353.26.
- For the period April 1, 2019 to March 31, 2020, the optimization program results were \$5,945,613.20. The total savings to the customers was \$5,251,051.88, and the incentive to Narragansett was \$694,561.32.
- For the period April 1, 2018 to March 31, 2019, the optimization program results were \$6,440,519.59. The total customer savings was \$5,696,467.63, and the incentive to Narragansett was \$744,051.96.
- For the period April 1, 2017 to March 31, 2018, the optimization program results were \$4,495,089.54. The total customer savings was \$3,996,071.64, and the incentive to Narragansett was \$499,017.91.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
Docket No. D-21-09
National Grid USA and The Narragansett Electric Company's
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- For the period April 1, 2016 to March 31, 2017,² the optimization program results were \$12,088,685.08. The total customer savings was \$10,863,363.97, and the incentive to Narragansett was \$1,225,321.10.
- For the period April 1, 2015 to March 31, 2016, the optimization program results were \$15,113,164.50. The total customer savings was \$12,290,531.60, and the incentive to Narragansett was \$2,822,632.90.

² The current revenue-sharing allocations went into effect for the incentive year April 1, 2016 to March 31, 2017.

PPL CORPORATION, PPL RHODE ISLAND HOLDINGS, LLC,
NATIONAL GRID USA, and THE NARRAGANSETT ELECTRIC COMPANY
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Issued on August 6, 2021

National Grid USA and The Narragansett Electric Company
Division 5-24

Request:

Please identify and explain the primary differences between the billing software systems presently used by PPL and those used by National Grid to bill gas service for each Narragansett gas rate schedule.

Response:

PPL Corporation and PPL Rhode Island Holdings, LLC have responded to this request in their response to Data Request Division 5-24.