

THE NARRAGANSETT ELECTRIC COMPANY
RIPUC Docket No. 22-42-NG
In Re: Issuance of Advisory Opinion to Energy Facility Siting Board
Regarding Aquidneck Island Gas Reliability Project
Witness: Montigny

PRE-FILED DIRECT TESTIMONY

OF

JEFFREY A. MONTIGNY

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I. Introduction

Q. Please state your name and business address.

A. My name is Jeffrey A. Montigny. My business address is 280 Melrose Street, Providence, Rhode Island 02907.

Q. By whom are you employed and in what position?

A. I am employed by PPL Services Corporation (“Services Corporation”) as a Principal Engineer in gas operations. The Services Corporation provides administrative, management, and support services to PPL Corporation (“PPL”) and its subsidiary companies, including The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”).

Q. What are your responsibilities as a Principal Engineer?

A. My current duties include managing the Old Mill Lane project in Portsmouth as well as other major projects in the development and/or engineering stage that are typically categorized as Complex Engineering.

Q. Please describe your education, training, and experience.

A. I hold a Bachelor of Science in Mechanical Engineering Technology that I received from the University of Massachusetts – Dartmouth. For the past 22 years I have worked in the

1 gas industry, primarily in an engineering capacity. I was first employed by Fall River
2 Gas Company in 2000. Fall River Gas was acquired by New England Gas Company in
3 2002 and New England Gas Company was acquired by National Grid in 2006. Prior to
4 working in the gas industry, I worked as an engineer for a temperature controls company
5 and also worked in a manufacturing environment in the textile engineering field. On
6 May 25, 2022, PPL Rhode Island Holdings, LLC, a wholly owned indirect subsidiary of
7 PPL, acquired 100 percent of the outstanding shares of common stock of the Company
8 from National Grid USA, at which time I began working in my current position.

9
10 **Q. Have you previously filed testimony or testified before the Rhode Island Public**
11 **Utilities Commission?**

12 A. No.

13
14 **Q. Are you familiar with the Aquidneck Island Gas Reliability Project (the “Project”)?**

15 A. Yes. Prior to managing the Project, I served as the Manager of Distribution Engineering
16 with National Grid and participated on the project team for a time in the evaluation of the
17 different locations considered along the Burma Road area in Middletown and/or on the
18 U.S. Navy base in Newport for this project.

19
20 **Q. Are you familiar with Application and Siting Report dated April 2022 (“Siting**
21 **Report”) that were submitted to the Rhode Island Energy Facility Siting Board (the**

1 **“Siting Board”)?**

2 A. Yes. By that time, I was fully involved with the Project and worked along with the new
3 team to prepare the application.

4

5 **II. Purpose and Structure of Testimony**

6 **Q. What is the purpose of your testimony in this proceeding?**

7 A. In my testimony, I will provide an overview of the estimated cost, construction practices,
8 and schedule for the Project.

9

10 **Q. How is your testimony structured?**

11 A. Section I is the Introduction. Section II presents the purpose and structure of my
12 testimony. Section III presents a description of the Project. Section IV presents the
13 estimated cost of the Project. Section V describes the construction practices and schedule
14 for the Project. Section VI is the Conclusion.

15

16 **III. Description of Project**

17 **Q. Please describe the Project.**

18 A. The Project for which the Company is requesting a license from the Siting Board is the
19 use of portable equipment for the conversion and storage of LNG at Old Mill Lane in
20 Portsmouth to be used to backup the supply of natural gas to the Company’s gas
21 distribution system that serves Aquidneck Island. The Project includes a number of site

1 improvements proposed for impact mitigation and operational reasons.

2
3 **IV. Estimated Cost of the Project**

4 **Q. What is the estimated cost of the Project?**

5 A. The Company estimates a total Project cost of approximately \$15 million plus
6 approximately \$1.5 million for the annual operation and maintenance costs.

7
8 **Q. Please breakdown how much of the estimated cost is for site work, equipment rental
9 or purchase, staffing, and general operation costs.**

10 A. For sitework, the original estimate for the Project was \$14,597,782. Upon further
11 examination of this estimate, it was noticed there was inclusion of LNG rental and
12 operational costs in the total. These costs were subtracted from direct costs prior to any
13 capital burdens or contingency costs added in, and therefore the Project cost to develop
14 the site is estimated at \$12,649,304.

15
16 With respect to equipment rental, up until this time, the annual estimated cost for renting
17 equipment and staffing the winter operation has been approximately \$1.5 million. This
18 estimate includes rental of LNG equipment, LNG equipment owner staffing, Company
19 LNG staffing, 24-hour security on site whenever LNG is being stored in the tanks, snow
20 removal, waste removal, and sanitation services.

21

1 With respect to equipment purchase, for the upcoming winter of 2024, the Company is
2 planning to purchase equipment at a cost of \$9,219,948. Purchasing the equipment gives
3 the Company more control over having new and modern equipment on hand that is
4 correctly sized and fit for use, as opposed to rental equipment that may not be available
5 or in the condition acceptable to the Company. In addition, it guarantees that the
6 Company will have always have storage and vaporizing equipment available immediately
7 in case of a supply emergency for this site or for elsewhere in the service territory as
8 required.

9
10 **V. Construction Practices and Schedule**

11 **Q. Please describe the construction sequence for the Project.**

12 A. The construction sequence for the Project includes site preparation and vegetation
13 clearing, soil erosion and sedimentation controls, and facility construction as more
14 specifically described in Section 3.2.1 of the Siting Report.

15
16 **Q. What is the construction schedule for the Project?**

17 A. Construction of the Project is expected to be completed in two phases, which is anticipated
18 to take nine months of construction time to complete and will be coordinated around the
19 winter operation. This schedule depends on the month of the year the Project is approved
20 by the Siting Board. For purposes of establishing a construction schedule, the following
21 schedule is based on a July 2023 Siting Board approval date, with field work beginning in

1 August of 2023.

2

3 **August 2023 – October 2023** - Civil Work begins on the rear section of the property. It is
4 proposed that vegetation removal and grading would occur during this time. It should be
5 noted that soil testing will be performed to insure that the soil on the site is clean. If
6 contaminants are found, the timeline for this phase may need to be extended to remediate
7 the areas of concern. Remediation would add time and cost to the Project; however, it is
8 believed that this schedule could be met and temporarily paused if necessary to allow for
9 the set-up of the seasonal operation for November 2023. After LNG peak shaving
10 equipment is installed, the Company would be evaluate whether grading and haul away of
11 material could continue if not completed in October 2023. Depending on progress made
12 with the grading operation, gas main relocation and electrical conduit installation could
13 also be performed during this phase.

14

15 **May 2024 – October 2024** – Work on the site would resume, which would include the
16 following: (1) installation of vapor line manifold and boil off line manifold; (2)
17 abandonment of existing gas manifolds and gas infrastructure connected to the manifolds;
18 (3) the creation of a water detention basin at the front of the site; (4) the creation of a water
19 detention basin at the rear of the site; (5) lighting requirements; (6) paving the road area for
20 the rear of the site; (7) repair of ecoraster where disturbed in front; (8) fencing; and (9) all

1 other tasks required to finish the Project.

2

3 **VI. Conclusion**

4 **Q. Does this complete your testimony?**

5 **A.** Yes, it does.