

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
ENERGY FACILITIES SITING BOARD**

In re: THE NARRAGANSETT ELECTRIC CO.  
d/b/a NATIONAL GRID Notice of Intent to  
Construct a Loop Line of Less Than 1,000 Feet  
(Shun Pike Substation Tap)

**NOTICE OF INTENT TO CONSTRUCT**

In accordance with Rule 1.6(c) of the Rhode Island Energy Facility Siting Board (“EFSB”) Rules of Practice and Procedure, The Narragansett Electric Company d/b/a National Grid (“National Grid” or “Narragansett”) hereby notifies the EFSB of Narragansett’s intent to construct a 115kV loop line of no more than 200 feet in Johnston, Rhode Island (“Project”). The Project is required to serve a new 115/23 kV substation, which will provide electrical service to a large new customer, SMM New England Corporation (“SMM”), which is constructing a new metal recycling facility. The new loop line will be supported by two new structures (#152A and #152B) that will be constructed on Narragansett’s existing right-of-way over which Narragansett holds an easement. A portion of the new loop line will be located on land owned in fee by Narragansett and occupied by the proposed new substation. The Project will not involve any impact to other residential or commercial property.

The Project does not constitute an “alteration” of a major energy facility. See Rule 1.2(d). Further, National Grid believes that this Project will not result in any significant impact on the environment or the public health, safety and welfare, and, therefore, it does not constitute a “major energy facility” that in any way requires further formal EFSB investigation or approval.

National Grid files this notice pursuant to EFSB Rule 1.6(c) regarding power lines of less than 1,000 feet with a capacity of 69 kV or more. According to the EFSB’s rules, the EFSB shall act upon this Notice, and any objection filed thereto, no later than forty-five days following the filing of this Notice.

1. Identification of the Owner of the Facility

The owner of the relevant facilities is The Narragansett Electric Company, an affiliate of National Grid USA, Inc., 40 Sylvan Road, Waltham, Massachusetts 02451. The Project will be built on property owned by The Narragansett Electric Company as well as on property owned by Rhode Island State Energy Partners, LP, over which Narragansett possesses easement rights for construction and operation of transmission facilities. Narragansett's easement is presently occupied by two transmission lines (T172S and S171). The two new structures will be installed within the existing alignment of the T172S line and the new conductor will be located above both Narragansett's easement and its fee-owned substation property.

2. Detailed Description of the Proposed Facility

The Project involves the construction of a loop line comprised of two tap lines, each no more than 100 feet in length, that will interconnect a new 115 kV to 23 kV substation to be constructed on property owned by Narragansett and located on Green Earth Avenue, Johnston, RI. The new loop line and substation will be interconnected with National Grid's existing 115 kV T172S transmission line. The new substation is needed in order to provide service to a new SMM facility also located on Green Earth Avenue, Johnston, RI.

Narragansett will install two approximately 80-foot single-pole vertical dead-end pull-off weathering steel structures. An aerial locus map showing the proposed location of the new structures (#152A & #152B) along with a cross-section of the structures are attached hereto. As shown, these two new structures will be located approximately 166 feet apart and between structures 152 and 153 along the existing T172S line. Narragansett will then install approximately no more than 200 circuit feet of 1590 ACSR conductor from the T172S transmission line to the new substation.

3. The Project Does Not Constitute a Major Energy Facility  
Nor the Alteration of a Major Energy Facility

Narragansett believes that the Project does not constitute a major energy facility or an alteration thereto because the Board has expressly excluded power lines under 1000 feet in length from the definition of “alteration” in Rule 1.2(d): “The construction, modification or relocation of a power line of 69 kV or more which are less than 1000 feet in length shall not be treated as an alteration.” The proposed loop line will be comprised of no more than 200 feet of conductor. Moreover, the work will occur entirely within the Narragansett-owned substation site and Narragansett’s adjacent existing electricity transmission corridor that is already occupied by transmission lines and structures. See Rule 1.2(d) and (p).

CONCLUSION

For the reasons stated above, Narragansett respectfully requests that the Board enter an Order accepting this Notice of Intent to Construct the new approximately 200-foot 115 kV line and ruling that the Project may proceed without any further review by this Board.

Respectfully submitted,

THE NARRAGANSETT ELECTRIC CO.  
d/b/a NATIONAL GRID



---

Bess Gorman, Assistant General Counsel (RI Bar #8751)  
National Grid Service Company, Inc  
40 Sylvan Road  
Waltham, MA 02451  
Tel. 781-907-1834 · Fax 781-907-5701  
bess.gorman@nationalgrid.com

cc: Town Council of the Town of Johnston  
Peter V. Lacouture, Esq.