

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

IN RE: THE NARRAGANSETT ELECTRIC COMPANY :
d/b/a NATIONAL GRID – AQUIDNECK ISLAND :
RELIABILITY PROJECT IN PORTSMOUTH : **SB-2016-01**
AND MIDDLETOWN, RHODE ISLAND :

THE NARRAGANSETT ELECTRIC COMPANY d/b/a
NATIONAL GRID’S RESPONSE TO
THE ENERGY FACILITY SITING BOARD’S
RECORD REQUESTS OF MARCH 28, 2017

EFSB RECORD REQUEST NO. 4:

What is the distance relative to home(s) and the nearest transformer at the existing Jepson Substation? Please provide the proposed distance of the homes and the nearest transformers of the proposed new Substation.

RESPONSE NO. 4:

The table below provides the approximate distances between homes and existing/proposed transformers.

Existing Jepson Substation	
Address	Distance
504 Jepson Lane, Middletown, RI	250 feet
Proposed Jepson Substation	
Address	Distance
504 Jepson Lane, Middletown, RI	255 feet
511 Jepson Lane, Middletown, RI	200 feet
519 Jepson Lane, Middletown, RI	180 feet
437 Jepson Lane, Portsmouth, RI	300 feet

For comparison purposes we have also provided the approximate distances between homes and proposed transformers if the new substation were constructed on the existing site.

Address	New Substation on Proposed Site	New Substation on Existing Site
504 Jepson Lane, Middletown, RI	255 feet	75 feet
511 Jepson Lane, Middletown, RI	200 feet	160 feet
519 Jepson Lane, Middletown, RI	180 feet	320 feet
437 Jepson Lane, Portsmouth, RI	300 feet	480 feet