



November 12, 2014

<b>PSNH "G146" Transmission Line Upgrade</b>
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**Project Need**

ISO New England's 10-Year Needs Assessment for New Hampshire and Vermont has identified that the NH transmission infrastructure will need additional resources and/or upgrades to ensure the reliability of the transmission system and the ability to serve the forecasted electric demand. The need for upgrading this 115kV transmission line is referenced in ISO-NE's Regional System Plan on page 95:

Reference: *Regional System Plan*. <http://www.iso-ne.com/trans/rsp/index.html>

**Project Description**

PSNH's 115kV transmission line referred to as the "G146" line, passes through Bow, Concord, Pembroke, Allenstown and Deerfield. This project is to upgrade the line, which runs between Garvins Substation in Bow and the Deerfield Substation in Deerfield, to allow the power line to operate safely and efficiently at higher temperatures.

The construction activities involved in upgrading the line will primarily consist of some structure replacements (*Deerfield only*), grading of the terrain under the power line to reduce or eliminate an area of high ground (*Pembroke only*), and installing special hardware at the splice locations along the power line.

**Anticipated Project Schedule** (*subject to change*)

Permitting	2014
Environmental Flagging	Nov 2014
Mobilization/Construction	Jan/Feb 2015
Completion	March 2015

**Questions**

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<sup>1</sup> ISO New England Inc. (ISO-NE) is the not-for-profit corporation responsible for the reliable operation of New England's power generation and transmission system and it manages the comprehensive planning of the regional power system.