Facts

Structures

The replacement poles will range in height from 40 to 100 feet tall, and will be primarily single-pole, laminated-wood structures (rather than the current “H” frame construction); however, some areas will still require the “H” frame construction.

Corridor Width

The width and length of the existing power line corridor will not change; however, because the corridor will be trimmed and cleared to the edge of the easement boundary in order to meet electrical clearances for safety and reliability, in many locations it will appear to be wider.

Communities Along Corridor

Bow, Concord, Pembroke, Canterbury, Northfield, and Franklin

Estimated Project Cost

$12 million

Line construction	approximately $10 million
Historical and environmental preservation	approximately $2 million

Contact us

For more information:

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Western/Central Division Community Relations Manager

Public Service of New Hampshire
The Northeast Utilities System

psnh.com

Central Region energy project

Preparing Today for NH’s Tomorrow

Facts

Overview

Today, essential paths on the New England transmission grid are congested and the system is at or near capacity due to the increased growth in the region. PSNH is committed to upgrading those congested areas most in need of additional energy capacity in order to ensure power to the region, especially during times of high demand.

The Central Region Energy Project is only one of many infrastructure investments that PSNH continues to make to meet regional demand.

Purpose

The Central Region Energy Project is a substantial upgrade to PSNH's network of power lines that will provide a large supply of power to the central region of New Hampshire.

This project will facilitate the transfer of more power through the region and assist in assuring the availability of sufficient energy during high demand times.

Locations &
Components

This project will rebuild one existing 115,000 volt line between PSNH's Garvins Falls substation in Bow and the Webster substation in West Franklin, which includes more than 23 miles of transmission line through the towns of:

Bow	0.25 miles
Concord	8.84 miles
Pembroke	2.01 miles
Canterbury	5.81 miles
Northfield	1.61 miles
Franklin	5.18 miles

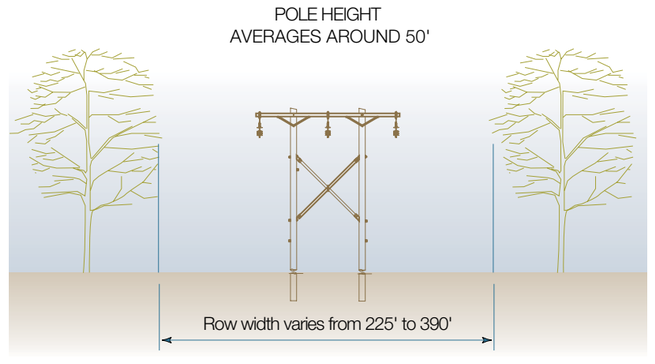
Timeline

Construction is scheduled to begin in the first quarter of 2008. The upgraded line, will be energized and in use by the end of 2008.

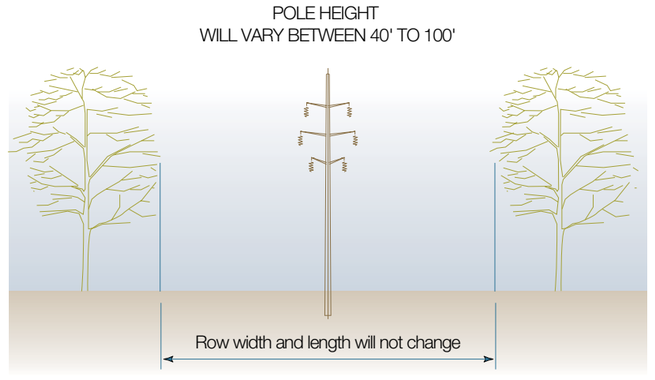
Late 2007	◆ Right-of-way clearing and trimming ◆ Permitting and materials procurement
Early 2008	◆ Line construction begins
Late 2008	◆ Line is energized
Early 2009	◆ Old line is removed and partially recycled

Energy Corridor

Existing



Planned



The new poles will be of wood-laminate construction. Their height will average about 40 to 100 feet above ground, slightly below surrounding tree height. The existing right-of-way will not be changed, however, because the corridor will be trimmed and cleared to the edge of the easement boundary in order to meet electrical clearances for safety and reliability, in many locations it will appear to be wider.