

Environmental
ENF Notification Form

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<u>14186</u>
MEPA Analyst:	<u>Anne Canaday</u>
Phone:	617-626- <u>1035</u>

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: K163 Groveland to West Amesbury 115kV Line		
Street: King Street, Groveland to Middle Road, Amesbury		
Municipality: Groveland, West Newbury, Merrimac, and Amesbury	Watershed: Merrimack and Parker	
Universal Transverse Mercator Coordinates: Not Applicable – linear utility project	Latitude: Not Applicable, linear utility project Longitude: Not Applicable, linear utility project	
Estimated commencement date: Sept. 2009	Estimated completion date: Sept. 2011	
Approximate cost: 8 million	Status of project design: 25% complete	
Proponent: New England Power Company		
Street: 25 Research Drive		
Municipality: Westborough	State: MA	Zip Code: 01582
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Matthew Devlin		
Firm/Agency: Mason & Associates, Inc.	Street: 219 East Main Street	
Municipality: Milford	State: MA	Zip Code: 01757
Phone: 508-422-9495	Fax: 508-422-9435	E-mail: mdevlin@mason-associates.com

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?

Yes No

Has this project been filed with MEPA before?

Yes (EOEA No. _____) No

Has any project on this site been filed with MEPA before?

Yes (EOEA No. 03047) No

Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:

a Single EIR? (see 301 CMR 11.06(8)) Yes No

a Special Review Procedure? (see 301 CMR 11.09) Yes No

a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No

a Phase I Waiver? (see 301 CMR 11.11) Yes No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): none/not applicable

Are you requesting coordinated review with any other federal, state, regional, or local agency?

Yes (Specify DPU, DEP, U.S ACOE) No

List Local or Federal Permits and Approvals: Orders of Conditions, ACOE Permit, NPDES Storm Water Construction General Permit

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Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- | | | |
|---------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Land | <input type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input checked="" type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Total site acreage (entire ROW)	175			
New acres of land altered		0.19		
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		149,629		
Square feet of new other wetland alteration		1,764		
Acres of new non-water dependent use of tidelands or waterways		NA		
STRUCTURES				<input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Gross square footage (removing 1,316 sf of existing electrical poles/structures and adding 1,843 sf of electrical poles/structures)	2,352	527	2,879	
Number of housing units	none	none	none	
Maximum height (in feet)	30 to 50	35 to 50	65 to 100	
TRANSPORTATION				Department of Public Utilities (DPU) approval under M.G.L. Chapter 164, Section 72 _____ _____ _____
Vehicle trips per day	NA	NA	NA	
Parking spaces	NA	NA	NA	
WASTEWATER				
Gallons/day (GPD) of water use	NA	NA	NA	
GPD water withdrawal	NA	NA	NA	
GPD wastewater generation/treatment	NA	NA	NA	
Length of water/sewer mains (in miles)	NA	NA	NA	

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify _____) No - **Work within existing Article 97 land is being conducted in accordance with existing easement rights, which do not require Article 97 approval.**

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify: 19-ES-547, 19-ES-767, 19-ES-768, and 19-ES-769) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify _____) No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative.

The project will involve the extension of a New England Power Company 115 kilovolt (kV) K-163 electrical transmission line from the King Street Substation on King Street in Groveland to the West Amesbury Substation on Middle Road in Amesbury, through the towns of Amesbury, Merrimac, West Newbury, and Groveland (refer to Figure 1). The 7.2 mile, 200-foot wide existing maintained right-of-way (ROW) has two existing 23kV electrical transmission lines (2377 Line and 2396 Line) and a 345kV electrical transmission line (394 Line). The 23kV 2377 Line currently located in the middle of the ROW will be removed to accommodate the construction of the proposed 115kV line (K-163) in the same general location (i.e. middle of the ROW). The project involves the erection of new electrical structures (poles) within the existing transmission line ROW. The new 115kV structures will replace the existing interior 23kV structures along the same linear section within the ROW. In addition, two short sections of the K-163 Line and associated nine structures will serve as a double circuit (i.e. 23kV 2396 line and 115 kV line will be set on the same structure) due to lack of ROW width and inadequate line separation distances.

The project will provide back-up to the West Amesbury Substation in the event that the primary supply-the 345kV 394 Line or any of its components-is lost.

There are no practicable alternatives to this project due to the existing ROW location in the area which can be utilized for the new transmission line, rather than create a new transmission line right of way.

The project will temporarily and permanently impact approximately 149,629 square feet of Bordering Vegetated Wetlands (BVWs) including 1,500 square feet of permanent fill for the placement of structures and back-filing and approximately 148,129 square feet of temporary fill for the placement of swamp mats for access through BVWs. BVW replication of 3,000 square feet is proposed to mitigate for the permanently filled wetland areas. In addition, approximately 1,764 square feet of temporary fill for the placement of swamp mats for access through isolated wetlands is proposed. The existing structures adjacent to the Merrimack River and electrical wires that cross the river will remain in their existing location and will serve as the conductors for the remaining 23kV 2396 Line and new 115kV K-163 Line; therefore, no work or modifications to the structures or wires are proposed across/over the Merrimack River.