



September 23, 2009

Mike Dostie, Code Enforcement Officer
Town of Somerville
665 Patricktown Road, Suite 1
Somerville, Maine 04348

RE: CMP Flood Hazard Development Permit Application for the Maine Power Reliability Program in Somerville

Dear Mike,

Attached please find one original and one copy of a Flood Hazard Development Permit Application by Central Maine Power Company (CMP) for the Maine Power Reliability Program (MPRP) in Somerville. The MPRP is an effort by CMP to upgrade its bulk power system, and in Somerville this involves installation of a new 115 kV transmission line within the existing transmission line corridor that runs from Windsor to Hibbert's Gore.

The proposed new line will cross three flood hazard areas in town, but development will take place in only one of these areas - the Sheepscot River/wetland flood hazard area (AE Zone and floodway). The development includes erecting one new transmission line pole and the related clearing of vegetation and use of a temporary equipment access way.

Under Somerville's Floodplain Management Ordinance, this work is not considered new construction or substantial improvement of a structure, and therefore does not require a flood elevation certificate. The work is considered "minor development" and does require a Flood Hazard Development Permit for Minor Development. Additionally, because the new pole will be located in a floodway, CMP must demonstrate that the pole will not increase the base flood elevation in the community by more than one foot.

The application is presented in three parts:

- Flood Hazard Development Permit Application forms;
- Supplemental Information that completes or supplements information requested on the forms; and
- Exhibits that provide required documentation, including maps and reports.

Because the town's application materials did not include a Minor Development form, I took the liberty of downloading one from the website of the Maine State Planning Office, Flood Management Program website at <http://www.maine.gov/spo/flood/index.htm>. Also included with the application is the required fee of \$50.00.

We recognize that final action on this application will be related to other approvals required for the project, including shoreland zoning and conditional use approval by the Somerville Planning Board and other state and federal permits. We look forward to discussing with you how best to coordinate the permits.

Please let me know if you have any questions or require additional information.

Sincerely,

A handwritten signature in blue ink that reads "Cindy Bastey". The signature is written in a cursive style.

Cynthia S. Bastey
Environmental Specialist
TRC
14 Gabriel Drive
Augusta, ME 04330
Tel. 207-620-3833

Cc: Nick Livesay, Pierce Atwood



**MAINE POWER
RELIABILITY PROGRAM**
A CENTRAL MAINE POWER COMPANY PROGRAM

**SOMERVILLE, MAINE
FLOOD HAZARD DEVELOPMENT
PERMIT APPLICATION**

Section 254 Transmission Line Construction

Prepared for:

Central Maine Power Company
83 Edison Drive
Augusta, Maine 04336

Prepared by:



TRC Engineers, LLC
249 Western Avenue
Augusta, Maine 04330

September 2009

**Town of Somerville, Maine
FLOOD HAZARD DEVELOPMENT PERMIT APPLICATION**

Application is hereby made for a Flood Hazard Development Permit as required under Article II of the Floodplain Management Ordinance of Somerville, Maine, for development as defined in said ordinance.

(This permit application does not preclude the need for other municipal permit applications)

PART I

(All applicants complete Part I)

Owner: Maine Electric Power Co. 83 Edison Drive
c/o Mary Smith Address: Augusta, Maine 04336 Ph. No: 207-626-4006
Applicant: Central Maine Power Co. 83 Edison Drive
c/o Mary Smith Address: Augusta, Maine 04336 Ph. No: 207-626-4006

Contractor: To be determined Address: _____ Ph. No: _____
See Supplemental Information

LEGAL DESCRIPTION

Is this lot a part of a subdivision? Yes__ No X If yes, give the name of the subdivision and lot number.

Subdivision: _____ Lot #: _____

Tax Map: n/a Lot #: _____

Address: _____ Street/Road Name: _____

Zip Code: _____

General explanation of proposed development: The Maine Power Reliability Program (MPRP) is a project by CMP to upgrade Maine's bulk power system. The project in Somerville involves installation of a new 115 kV electrical power transmission line north of the existing 345kV line within the existing 3.27 mile transmission corridor. The project crosses three flood hazard areas and includes minor development in one of these areas: the Sheepscot River AE Zone and regulatory floodway.

OTHER PERMITS

Are other permits required from State or Federal Jurisdictions? Yes X No __
If yes, are copies of these permits attached? Yes__ No X Not Applicable__
See Supplemental Information

Market Value of existing structure, if applicable: \$ _____ See Supplemental Information.

Attach Site Plan - Show property boundaries, floodway and floodplain lines and area of proposed development. Show dimensions of the lot: dimensions and location of existing and/or proposed development on the site; areas to be cut and filled.

Indicate scale and North arrow. Supplemental Information and Exhibits.

(for office use only)

LOCATION

Flooding source (name of river, pond, ocean, etc.):

Indicate what flood zone the lot is located in by referring to the National Flood Insurance Program (NFIP) Flood Insurance Rate Map (FIRM)

A & AE _____ FLOODWAY _____ V & VE ZONE _____ AO ZONE _____ AH ZONE _____

If proposed development is in an "AE" or "A1-A-30" Zone and cross section data is available in the Flood Insurance Study, please note the Nearest Cross Section References and elevation of Base Flood at Nearest Cross Section.

Cross Section	Base Flood Elevation
Above Site _____	Above Site _____
Below Site _____	Below Site _____

If proposed development is in an "A" Zone:

Base Flood Elevation _____ NGVD	Basis of A Zone bfe determination:
	From a Federal Agency:
	USGS _____
	USDA/SCA _____
	USACE _____
	Other _____
	From a State Agency:
	MDOT _____
	Other _____
	Established by Professional Land Surveyor _____
	Highest Known Water Level _____
	Other (Explain) _____

If in a "VE" Zone:

Nearest Transect: Above Site: _____ Below Site: _____

Elevation of Base Flood _____

Date: Submitted _____; Fee Paid _____; Reviewed by CEO _____; Reviewed by Planning Board _____

Issued by _____ Date _____

Permit # _____

TYPE OF DEVELOPMENT See Supplemental Information

New development: X (Minor Development) Improvement or addition to existing development: _____
 (Circle number of the type requested below and enter amount)

1. Filling	1a. Amount of fill in cubic yards	<u>n/a</u>
2. Excavation	2a. Amount of excavation in cubic yards	<u>n/a</u>
3. Paving	3a. Amount of paving in square yards	<u>n/a</u>
4. Drilling		<u>n/a</u>
5. Mining	5a. Amount of mining in acres	<u>n/a</u>
6. Dredging	6a. Amount of dredging in cubic yards	<u>n/a</u>
7. Levee	7a. Amount of material in levee in cubic yards	<u>n/a</u>
8. Dam	8a. Water surface to be created in acres	<u>n/a</u>
9. Residential Structure	9a. Dimensions of structure	<u>n/a</u>
	9b. Elevation of lowest floor (NGVD)	<u>n/a</u>
10. Non Residential Structure	10a. Dimensions of structure	<u>n/a</u>
	10b. Elevation of lowest floor (NGVD)	<u>n/a</u>
11. Water Dependent use		<u>n/a</u>
dock	11a. Dimensions of structure	<u>n/a</u>
pier	11b. Dimensions of structure	<u>n/a</u>
boat ramp	11c. Dimensions	<u>n/a</u>
12. Floodproofing	12a. Elevation of lowest level of floodproofing (NGVD)	<u>n/a</u>
13. Other	13a. Explain: <u>Minor development: one electric power transmission line pole.</u>	

The Applicant Understands and agrees that:

- The permit applied for, if granted, is issued on the representations made herein;
- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- Any permit issued on this application will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The applicant hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- If issued, the permit form will be posted in a conspicuous place on the premises in plain view and;
- If issued, the permit will expire if no work is commenced within 90 days of issuance.

I hereby certify that all the statements in, and the attachments to this application are a true description of the existing property and the proposed development project.

Owner: _____ Date: _____
 signature

or

Authorized Agent: Cynthia A. Barstey Date: 9/23/09
 signature

PART II

For new Structures or Substantial Improvements, this section of the Flood Hazard Development Permit will only allow construction up to the establishment of the lowest floor. At that point the applicant must provide an elevation certificate establishing the actual floor elevation. Upon satisfactory documentation to the community (see application Part III), the construction may continue.

For new Structures or projects that are deemed Substantial Improvements, provide the grade elevation at the lowest grade adjacent to the existing or proposed wall.

This project is Minor Development, not a new Structure or Substantial Improvement (Flood Plain Management Ordinance, Article XIII); nor does the transmission line pole have any floors. Therefore, no elevation certificate is required.

Sewage disposal: existing _____ proposed _____ not applicable X Type _____

Provide a statement describing how each applicable development standard (set forth in ARTICLE VI of the Ordinance) will be met. See Exhibits 9 and 10.

If a water course is to be altered or relocated, describe in detail and provide copies of all applicable state and federal permits (attach on separate sheet). No water course will be altered or relocated.

The Applicant Understands and agrees that:

The permit applied for, if granted, is issued on the representations made herein;

- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- Any permit issued on this application will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality; .
- The applicant hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- If issued, the permit form will be posted in a conspicuous place on the premises in plain view and;
- If issued, the permit will expire if no work is commenced within 90 days of issuance.

I hereby certify that all the statements in, and the attachments to this application are a true description of the existing property and the proposed development project.

Owner: _____ Date: _____
signature

or

Authorized Agent: Cynthia S. Bawley Date: 9/23/09
signature

Issued by: _____ Date _____

Permit # _____

PART III

(Application for completion of Permit Part II, for new construction and substantial improvements)

After the lowest floor elevation is established the applicant shall have an Engineer, Architect or Professional Land Surveyor complete an Elevation Certificate [FEMA Form 81-31, May 90]

This project is Minor Development, not a new Structure or Substantial Improvement (Flood Plain Management Ordinance, Article XIII Definitions). Therefore, Part III does not apply, and no elevation certificate is required.

Application is hereby made for a Flood Hazard Development Permit Part II as required under Article V § F of the Floodplain Management Ordinance of Somerville, Maine, for development as defined in said ordinance.

Completed Elevation Certificate must be attached.

The Applicant Understands and agrees that:

- The permit applied for, if granted, is issued on the representations made herein;
- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- Any permit issued on this application will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The applicant hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- If issued, the permit form will be posted in a conspicuous place on the premises in plain view and;
- If issued, the permit will expire if no work is commenced within 90 days of issuance.

I hereby certify that all the statements in, and the attachments to this application are a true description of the existing property and the proposed development project.

Owner: _____ Date: _____
signature

or

Authorized Agent: Cynthia A. Bastey Date: 9/23/09
signature

Issued by: _____ Date _____

Permit # _____

Revised January 29, 1993

FLOOD HAZARD DEVELOPMENT PERMIT
For Minor Development
Somerville, Maine

(For Development not considered a Substantial Improvement)

This Flood Hazard Development Permit allows minor development as provided in Article V.F.3. (p. 5) of the Floodplain Management Ordinance of Somerville, Maine, for development in a Special Flood Hazard Area as defined in said ordinance. Development authorized by this permit must be adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, be constructed with materials resistant to flood damage and be constructed by methods and practices that minimize flood damage. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: _____ Lot #: _____ Not available for Somerville.

Project Description: Erect one new transmission line pole structure in Sheepscot River AE Zone and regulatory floodway.

The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- The permit will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view; and,
- The permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and in the attachments to this permit are a true description of the existing property and the proposed development project.

Owner: _____ Date: _____
Signature

or

Authorized Agent: Cynthia J. Borty Date: Sept. 23, 2009
Signature

Issued by: _____ Date: _____

Permit #: _____

No. _____

CERTIFICATE OF COMPLIANCE

NAME: Central Maine Power Company c/o Mary Smith

ADDRESS : 83 Edison Drive, Augusta, Maine 04346

LOCATION OF PROPERTY: Transmission corridor crossing of Sheepscot River Wetland west of Sheepscot River.

The building described above has been constructed in compliance with the Floodplain Management Ordinance for the (City/Town) Town of Somerville, Maine.
The transmission line pole is not a building. The project is minor development.

A variance (was/was not) required for this permit. n/a

This determination is based on Elevation Certificate data provided by (check appropriate box (es): Project is Minor Development, not a new structure or substantial improvement (Flood Plain Management Ordinance, Article XIII Definitions). Therefore no elevation certificate is required.

Surveyor

Name: _____

Address: _____

License #: _____

Registered Professional Engineer

Name: _____

Address: _____

License #: _____

Visual Inspection by Code Enforcement Officer

Code Enforcement Officer (please print)

Signature: _____

Date: _____

**FLOOD HAZARD DEVELOPMENT PERMIT APPLICATION
SUPPLEMENTAL INFORMATION**

FOR APPLICATION FORM - PART I

Applicant Information

CMP also includes Exhibit 1, CMP Corporate Certificate and Exhibit 2, Agent Authorization Letter, which permits TRC Engineers, Inc. and TRC staff to act as its agent for all activities associated with the acquisition of local permits related to the Maine Power Reliability Project.

LEGAL DESCRIPTION

Installation of the new 115 kV transmission line will take place entirely within the existing transmission corridor, which extends approximately 3.27 miles from the Somerville/Windsor town line in the west to the Somerville/ Hibbert’s Gore town line in the east. The corridor is 270 feet wide and totals about 108 acres. It was acquired in 1969 and 1970, and the existing 345 kV line was installed in the early 1970s.

Exhibit 3, Right Title or Interest in Transmission Line Corridor, provides deed references and copy of an agreement and easement between CMP and Maine Electric Power Company (MEPCO) evidencing CMP’s right, title and interest in the utility corridor. Somerville has no tax maps as a source of map and lot information.

OTHER PERMITS

Status of Official Decisions or Pending Applications of Federal, State or Local Agencies Regarding Use of the Property		
Federal Agencies		Filing Status
US Army Corps of Engineers	Section 404 of the Clean Water Act: Regulates the discharge of dredged or fill material into waters of the United States, including wetlands.	Filed June 2009.
US Army Corps of Engineers	Section 10 of the Rivers and Harbors Act, 33 USC Section 403: Prohibits the obstruction of a navigable waterway without approval from the Army Corps.	
State Agencies		Filing Status
Maine Public Utility Commission (PUC)	35-A MRSA Section 3132: Requires Certificate of Need & Public Convenience for utility to construct a transmission line capable of operating at 100 kV or more.	Filed July 2008.
Maine Dept of Environmental Protection (DEP)	Site Location of Development Act (SLODA), MRSA Sections 481 et seq.: Regulates developments of a size and nature that could cause irreparable damage to the environment. Considers impacts on air and water quality, existing uses and other natural resources.	Filed June 2009

Maine Dept of Environmental Protection (DEP)	Natural Resources Protection Act (NRPA), 38 MRSA Sec 480-A, et seq.: Regulates activities that occur in, on, over, or on land adjacent to, protected natural resources: freshwater wetlands, great ponds, rivers, streams, and brooks; fragile mountain areas; areas identified by IF&W as significant wildlife habitat; scenic resources, outstanding river segments, etc.	
Local Agencies		Filing Status
Somerville Planning Board	Shoreland Zoning and Conditional Use Approval	Filed September 2009

Estimated cost/value of improvements

The estimated cost of the entire MPRP is \$1.5 billion. Preliminary estimates indicate the cost of upgrades in Somerville will be approximately \$8 million. When the MPRP is complete, CMP estimates that the installed/left in place value of the portion of the upgrades in Somerville will be approximately \$2 million. Cost estimates for improvements to smaller project components are not available.

TYPE OF DEVELOPMENT

Introduction

The Maine Power Reliability Program (MPRP) is a project by CMP to upgrade Maine’s bulk power system throughout much of the CMP service area. The project in Somerville involves installation of a new 115 kV electrical power transmission line (Section 254) north of the existing 345kV line (Section 388) within the existing corridor in Somerville. The existing transmission line includes 29 H-Frame poles¹ made of wood. The new transmission line will include 30 poles of similar design located north of and approximately parallel to the existing line.

See Exhibit 4, MPRP Project Scope Map and Exhibit 5, Transmission Line Configuration Cross Section

Project Relationship to Somerville Flood Hazard Areas

The transmission corridor and the existing and proposed transmission lines cross three “Areas of Special Flood Hazard” identified on the Town of Somerville Flood Insurance Rate Map (FIRM Community Panel # 230512 0005 B, Revised 8/19/91):

1. Lovejoy Stream north of French Pond (Zone A)
2. Sheepscot River/Wetland (Zone AE)
3. Sandhill Wetland east of Sandhill Road (Zone A)

See Exhibit 6, Somerville Flood Insurance Rate Maps and Exhibit 7, MPRP Transmission Line Crossings of Somerville Flood Hazard Areas

¹ Each H-Frame transmission line “pole” is an assembly of two or more individual poles.

Type of Development within Flood Hazard Areas

Lovejoy Stream and Sandhill Wetland A Zones

While the new transmission lines will cross these flood hazard areas, there will be no new poles or temporary equipment access ways located in the flood hazard areas. Tree species capable of growing to the transmission line safety clearances (“capable species”) will be cut to ground level and removed over an area of about 0.1 acres in the Lovejoy Stream flood hazard area and 0.1 acres in the Sandhill Wetland flood hazard area. Tree roots will be left in place and low-growing vegetation allowed to permanently replace the trees.

Sheepscot River/Wetland AE Zone and Floodway

Development in this zone includes installation of one new H-Frame transmission line pole (#254-39). This work is “minor development” under the Somerville Floodplain Management Ordinance (Article VIII) and requires a Flood Hazard Development Permit for Minor Development. Tree species capable of growing to the transmission line safety clearances (“capable species”) will be cut to ground level and removed over an area of about 0.7 acres along the northwestern edge of the flood hazard area. Tree roots will be left in place and low-growing vegetation allowed to permanently replace the trees. A temporary equipment access way from the west will be used to accomplish the installation.

The regulatory floodway is not shown on the Town’s FIRMs and is therefore considered to be the channel of the river and the adjacent land areas to a distance of one-half the width of the floodplain, as measured from the normal high water mark to the upland limit of the floodplain (Flood Management Ordinance Article VII). The width of the floodplain along the transmission line corridor is approximately 1200’ measured from the normal high water mark of the river (identified by TRC field surveys in 2008) to the limit of the AE Zone. The new pole will be placed approximately 380’ from the normal high water mark of the river and is therefore within the Regulatory Floodway.

See Exhibit 8, Site Plan

New pole # 254-39 in the Sheepscot River AE zone and floodway will be 103’ in height above ground and embedded to a depth of about 12 ft. The volume of excavation and fill for the pole assembly will be limited to that needed to embed each individual pole to the appropriate depth. Estimating (conservatively) an individual pole diameter of 3 feet, the embedded volume of the pole assembly would be 6.4 cubic yards (3.2 cu. yds. per individual pole). In a wetland, crushed rock may be used to replace some of the excavated soil; otherwise the pole is backfilled with the excavated soil. Any excess soil is removed to an upland area, spread out and mulched.

The temporary equipment access way will run approximately 760’ from MPRP Pole #254-38 on the edge of the AE zone to MPRP Pole #254-39 located in the floodway. Measures will be taken to minimize the impact of the access way on the wetland through the use of crane mats, geotextile fabrics, and other measures as necessary. Appropriate erosion controls will be installed in accordance with Exhibit 11, CMP’s *Environmental Guidelines for Construction and Maintenance Activities on Transmission Line and Substation Projects*, which is the erosion control plan for the project. There will be no routine grubbing (removal of root systems) within wetland crossings; however, occasional root removal and minor grading may be required to ensure mat stability and construction access safety. Such grading will be performed on a limited

basis and only with prior approval by CMP's environmental representatives. Generally, disturbed wetland will be returned to original contours, mulched with straw, and allowed to revegetate naturally. If disturbed areas are reseeded, only resource agency-approved wetland seed mixes may be used.

FOR APPLICATION FORM - PART II

DEVELOPMENT STANDARDS

How applicable development standards will be met. (Floodplain Management Ordinance Article VI)

A. All Development

Exhibit 9, Statement of Compliance with Article VI of the Somerville Floodplain Management Ordinance, prepared by a registered professional engineer indicates how the applicable standards for project development will be met.

B. Water Supply

Not applicable

C. Sanitary Sewage Systems

Not applicable

D. On Site Waste Disposal Systems

Not applicable

E. Watercourse Carrying Capacity

Not applicable.

F. Residential

Not applicable

G. Non Residential

Not applicable

H. Manufactured Homes

Not applicable

1. Recreational Vehicles

Not applicable

J. Accessory Structures

Not applicable

K. Floodways

Exhibit 10, Floodway Impact Study, prepared by a registered professional engineer, indicates that the proposed development, in combination with existing and anticipated development, will not increase the water surface elevation of the base flood by more than one foot.

L. Enclosed Areas Below the Lowest Floor

Not applicable

M. Bridges

Not applicable

N. Containment Walls

Not applicable

O. Wharves, Piers and Docks

Not applicable

EXHIBITS

- 1 CMP Corporate Certificate**
- 2 Agent Authorization Letter**
- 3 Right, Title or Interest in Transmission Line Corridor**
- 4 Maine Power Reliability Project Scope Map**
- 5 Transmission Line Configuration Cross Section**
- 6 Somerville Flood Insurance Rate Maps**
- 7 MPRP Transmission Line Crossings of Somerville Flood Hazard Areas**
- 8 Site Plan**
- 9 Statement of Compliance with Article VI of the Somerville Floodplain
Management Ordinance**
- 10 Floodway Impact Study**
- 11 CMP “Environmental Guidelines for Construction and Maintenance
Activities on Transmission Line and Substation Projects”**

Exhibit 1
CMP Corporate Certificate

Exhibit 1
CMP Corporate Certificate

State of Maine



Department of the Secretary of State

I, the Secretary of State of Maine, certify that according to the provisions of the Constitution and Laws of the State of Maine, the Department of the Secretary of State is the legal custodian of the Great Seal of the State of Maine which is hereunto affixed and of the reports of organization, amendment and dissolution of corporations and annual reports filed by the same.

I further certify that CENTRAL MAINE POWER COMPANY, formerly THE MESSALONSKEE ELECTRIC COMPANY is a duly organized business corporation under the laws of the State of Maine and that the date of incorporation is July 20, 1905.

I further certify that said business corporation has filed annual reports due to this Department, and that no action is now pending by or on behalf of the State of Maine to forfeit the charter and that according to the records in the Department of the Secretary of State, said corporation is a legally existing business corporation in good standing under the laws of the State of Maine at the present time.

In testimony whereof, I have caused the Great Seal of the State of Maine to be hereunto affixed. Given under my hand at Augusta, Maine, this sixth day of January 2009.



A handwritten signature in black ink, appearing to read "Matthew Dunlap".

MATTHEW DUNLAP
Secretary of State

Exhibit 2
Agent Authorization Letter

Exhibit 3

Right, Title or Interest in CMP Transmission Line Corridor

Exhibit 4

Maine Power Reliability Project Scope Map

Exhibit 5
Transmission Line Configuration Cross Section

Exhibit 6
Somerville Flood Insurance Rate Maps

Exhibit 7
MPRP Transmission Line Crossings of
Somerville Flood Hazard Areas

Exhibit 8
Site Plan

Exhibit 9

**Statement of Compliance with Article VI of the
Somerville Floodplain Management Ordinance**

Exhibit 10
Floodway Impact Study

Exhibit 11

CMP

**“Environmental Guidelines for Construction and Maintenance
Activities on Transmission Line and Substation Projects”**