



Environmental Notification Form

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| <i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i> | |
| EOEA No.: | 13812 |
| MEPA Analyst: | Aisling Eglinton |
| Phone: 617-626- | 1024 |

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.

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|--|--|---------------------------|
| Project Name: South Coast Offshore Wind Project | | |
| Street: Off of Egypt Lane | | |
| Municipality: Fairhaven | Watershed: Buzzards Bay | |
| Universal Transverse Mercator Coordinates: E 347287.7, N 4599257.2 | Latitude: 41 – 34' – 31" Longitude: -70 – 54' – 28" | |
| Estimated commencement date: June 2009 | Estimated completion date: June 2010 | |
| Approximate cost: \$750 Million | Status of project design: 5 | %complete |
| Proponent: Patriot Renewables, LLC | | |
| Street: 549 South Street, PO Box 692396 | | |
| Municipality: Quincy | State: MA | Zip Code: 02269-2396 |
| Name of Contact Person From Whom Copies of this ENF May Be Obtained: Robert S. Cummings | | |
| Firm/Agency: Engineering & Management Services, Inc. | Street: 7 Allen Road | |
| Municipality: Rochester | State: MA | Zip Code: 02770 |
| Phone: 508 763-8800 | Fax: 508 763-2020 | E-mail: bob@emservices.us |

- 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. _____) 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 301CMR 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

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify: Army Corps of Engineers) No

List Local or Federal Permits and Approvals: USACE sect.10/404 individual permit; MA CZM- Federal Consistency Cert.; Fairhaven Conservation Commission Review.

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 checked="" 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 checked="" 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 <i>(including Legislative Approvals) – Specify:</i> <u>Massachusetts Energy Facility Siting Board – Certificate of Environmental Impact and Public Need;</u> <u>Ocean Sanctuaries Act</u> |
| Total site acreage | .5 | | | |
| New acres of land altered | | .2 | | |
| Acres of impervious area | 0 | 0 | 0 | |
| Square feet of new bordering vegetated wetlands alteration | | 0 | | |
| Square feet of new other wetland alteration | | 337,000 | | |
| Acres of new non-water dependent use of tidelands or waterways | | 0 | | |
| STRUCTURES | | | | |
| Gross square footage | NA | NA | NA | |
| Number of housing units | NA | NA | NA | |
| Maximum height (in feet) | NA | NA | NA | |
| TRANSPORTATION | | | | |
| Vehicle trips per day | NA | NA | NA | |
| Parking spaces | NA | NA | NA | |
| WATER/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

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 (Specify See attached Constraints Map) 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 _____) 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 (*You may attach one additional page, if necessary.*)

The project is an offshore wind energy project being proposed by Patriot Renewables, LLC (Patriot). The project is envisioned to consist of the installation and operation of between 90 and 120 wind turbine generators within three general study areas of Buzzards Bay, as identified on the attached maps. In general, no area will be considered for location of wind turbines if it is within an existing navigational channel. Study Area 1 is an area south of Sciticut Neck and West Island and north of the Buzzard's Bay navigational channel, running from the east edge of the channel to New Bedford Harbor to the east of West Island and terminating at Nasketucket Bay. Study Area 2 is located between the Buzzard's Bay navigational channel and the Elizabeth Islands, running from Sow and Pigs Reef to Wood's Hole. Study Area 3 is located between the mainland of Dartmouth and Westport and the north edge of the Buzzard's Bay navigational channel, running from Hen and Chickens Reef to the west edge of the channel to New Bedford Harbor.

The project will produce up to 300 MW of clean renewable energy using wind as the source of the energy. Initially, the distribution of turbines between the three areas is expected to be even, however, the exact number and locations of the turbines will be determined through environmental studies and collecting input from stakeholders. The energy produced by the project will be transmitted to the mainland electrical transmission system via a submarine cable interconnection to a location in Fairhaven near the existing bicycle path at Egypt Lane (see attached map). As studies progress, alternate connection points to the grid may be considered.

Patriot has conducted a year-long study of locations within the Commonwealth of Massachusetts that are technically suitable for construction of clean renewable wind energy projects. The main siting criteria considered are the existence of sufficient wind velocities on a consistent basis; locations where water depths are less than 50 feet; and locations which are somewhat sheltered and are not subject to direct ocean storms. Patriot identified Buzzards Bay as one of only four locations that could support a successful wind energy project. The other locations include a spot outside of Boston Harbor but immediately adjacent to Logan Airport, which would represent a potential conflict with heavy air traffic; a small location off the coast of Scituate, but susceptible to Northeast ocean storms; and a location in Nantucket sound where Cape Wind Associates is presently proposing a similar project.

Patriot recognizes that to be truly successful, the project needs to be designed to interact harmoniously with existing environmental, recreational, and commercial uses occurring within Buzzards Bay. Patriot is committed to undertaking this project in an interactive manner with all stakeholders in the project area and believes that by working with all regulatory agencies, such a renewable energy project

will be consistent with key ocean legislation, meeting both the overall goals of Ch 91 and the specific language of the Ocean Sanctuaries Act. With that goal in mind, Patriot has identified the three major areas within the Bay where construction of wind turbine generators is both technically and financially feasible. It is Patriot's intent to conduct extensive environmental studies and have discussions with stakeholders in order to develop a design that properly addresses everyone's concerns.

Patriot, as the project Proponent, recognizes the fisheries and wildlife resources that exist within Buzzards Bay and is committed to incorporating mitigation measures into the project that will enhance those resources. Patriot believes strongly that developing a clean renewable energy source with this project should be completed in a manner that can enhance other natural resources in the project area. In that regard, the EIR process will examine a range of additional opportunities associated with the project such as the possibility of converting tidal energy, as well as evaluating ways to enhance existing lobster fisheries and wildlife habitat in the project areas.

Patriot is further committed to developing programs that will directly benefit the stakeholders in the project area and strongly believes that the communities in the South Coast area will benefit directly by hosting the project. Patriot also will be pursuing a reduction in the electricity rates for communities, and in addition, is presently assembling host community packages for presentation at a later date.