

ENF Environmental Notification Form

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| For Office Use Only Executive Office of Environmental Affairs | |
| EOEA No.: | 14161 |
| MEPA Analyst: | Deirdre Buckley |
| Phone: | 617-626-1044 |

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: Town of Hull Offshore Wind project | | |
| Street: Off Nantasket Avenue | | |
| Municipality: Hull | Watershed: | |
| Universal Transverse Mercator Coordinates: 345264 E, 4707599 N | Latitude: 42-30-26 N Longitude: -70-53-00 W | |
| Estimated commencement date: 2009 | Estimated completion date: 2009 | |
| Approximate cost: 33,000,000 | Status of project design: | 5 %complete |
| Proponent: Hull Municipal Lighting Plant (HMLP) | | |
| Street: 15 Edgewater Road | | |
| Municipality: Hull | State: MA | Zip Code: 02045 |
| Name of Contact Person From Whom Copies of this ENF May Be Obtained: Philip Lemnios | | |
| Firm/Agency: Hull Town Manager | Street: 253 Atlantic Avenue | |
| Municipality: Hull | State: MA | Zip Code: 02045 |
| Phone: 781 925-2000 | Fax: 781 925-0224 | E-mail: plemnios@town.hull.ma.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 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): Forgivable loan of up to 1.7 million dollars from the Massachusetts Technology Collaborative.

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

Yes (Specify: USACE) No

List Local or Federal Permits and Approvals: USCE Section 10/404 Individual Permit, FAA Notice of proposed Construction or Alteration, USCG Fixed Aid to Navigation, EPA NPDES (stormwater), Hull Conservation Commission Order of Conditions, Hull DPW Street Opening.

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 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 type="checkbox"/> Other Permits (including Legislative Approvals) – Specify: <u>MCZM federal Consistency Certification</u> _____ _____ _____ _____ _____ |
| Total site acreage | .275 | | | |
| New acres of land altered | | .0016 | | |
| Acres of impervious area | 0 | 0 | 0 | |
| Square feet of new bordering vegetated wetlands alteration | | 0 | | |
| Square feet of new other wetland alteration | | 14,000 | | |
| Acres of new non-water dependent use of tidelands or waterways | | 0 | | |
| STRUCTURES | | | | |
| Gross square footage | | | | |
| Number of housing units | | | | |
| Maximum height (in feet) | | | | |
| TRANSPORTATION | | | | |
| Vehicle trips per day | | | | |
| Parking spaces | | | | |
| WASTEWATER | | | | |
| Gallons/day (GPD) of water use | | | | |
| GPD water withdrawal | | | | |
| GPD wastewater generation/ treatment | | | | |
| Length of water/sewer mains (in miles) | | | | |

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: Common Term estimated Habitat) 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.*)

(a) Project description: The HMLP proposes to develop an offshore wind energy facility consisting of up to four 3 MW class Wind Turbine Generators (WTGs) located in the vicinity of Harding Ledge, approximately 1.35 nautical miles off the east coast of Hull. The WTGs will produce up to 15 megawatts (MW) of clean renewable energy. Wind-generated energy produced by the WTGs will be transmitted to Hull's electric transmission system through two 34.5 kV submarine cables to interconnect off of Nantasket Avenue using an existing Town Right-of-Way. See accompanying Narrative for additional information.

(b) Alternatives: The HMLP has conducted an evaluation of the alternatives available to site a WTG facility of a size and scale that can economically provide a new source of wind energy. The initial step in this analysis was to determine, within the municipal boundaries of the Town of Hull, the possibilities for siting WTGs with the generation capacity of up to 15 MW required to make the Project economically feasible. The HMLP currently owns and operates two land-based WTGs, one adjacent to Hull High School at Pemberton Point and one on the closed cell of the Hull Municipal Landfill.

Beginning in 2003, the HMLP began evaluating a series of land-based siting alternatives. One option was Windmill Point adjacent to the existing 660 kW WTG at Hull High School. A second option was Mariner's Park. A third option was at Stony Point, adjacent to the wastewater treatment plant. These options were all rejected, based on limited wind density and total land area, which was determined to be unsuitable to site and operate four WTGs.

In May 2004, the HMLP evaluated the option of siting at Peddocks Island. Peddocks Island lies in Boston Harbor, west of Windmill Point. While the island is within the boundaries of the Town of Hull, it is also included within the Boston Harbor Islands National Park. Given its National Park status and the lack of any existing infrastructure at Peddocks Island, this site was also rejected.

Based on available land, land use patterns, and the total area required to site up to four WTGs with a generation capacity of up to 15 MW, the HMLP determined that the only feasible siting option would be offshore within the seaward municipal boundary of Hull. See accompanying Narrative for additional information.