



**FIGURE D-3
INVENTORY OF REASONABLY
FORESEEABLE ENERGY SITING:
OFFSHORE WIND TURBINES
JUNE 2006**

- | | | | |
|--|------------------------|--|----------------------|
| | State Seaward Boundary | | Waterbody |
| | Major Highway | | Landuse Canopy |
| | Major Stream | | Landuse Openspace |
| | Shoreline | | Landuse Urban |
| | Bedrock | | |

- Mean Wind Speed at 70 Meters**
- 15.7-16.8 MPH
 - 16.8-17.9 MPH
 - 17.9-19.0 MPH
 - 19.0-20.1 MPH
 - 20.1-21.3 MPH

- Bathymetry (Meters)**
- Bathymetry 0 to -5 m:
Technically Foreseeable with Unknown Economics
 - Bathymetry -5 to -20 m:
Technically Foreseeable and Macro-Economically Foreseeable
 - Bathymetry -20 to -45 m:
Technically Foreseeable with Unknown Economics

*The minimum water depth that is technically foreseeable and macro-economically foreseeable is approximately -2.5 meters, although this minimum varies depending on many site and project specific factors and the types of construction equipment employed. TRC has used a minimum depth of -5 meters for mapping purposes rather than -2.5 meters due to the limitation of MassGIS data. MassGIS data is provided in discrete depth increments, beginning at the edge of the shoreline, which is considered elevation 0, and then with next depth contour being at -0.5 meters, with no further breakdown of depth within the 0 to -5 meter interval.

- NOTES:**
1. The work is a result of a state funded Massachusetts Coastal Zone Management Project.
 2. For further information about this map, refer to the CZM report titled "Existing and Potential Ocean-Based Energy Facilities and Associated Infrastructure in Massachusetts."
 3. Map shows all reasonably foreseeable siting locations for the proposed technology within the project study area.
 4. Information included in this project's written report, geodatabase, map products, or other associated items are for general planning purposes only. Information contained in project deliverables should not be considered as official or legal guidance. For site-specific proposals, additional studies and data must be completed.

Maps Prepared by: **TRC**

MASSACHUSETTS COASTAL ZONE MANAGEMENT

