FIGURE D-4
INVENTORY OF REASONABLY FORESEEABLE ENERGY SITING:

WAVE ENERGY

JUNE 2006

State Seaward Boundary
Major Highway
Major Stream
Shoreline
Bedrock
Waterbody

Landuse
Canopy
Openspace
Urban

NOAA Buoy Locations With Recorded Wave Heights

Bathymetry (Meters)
-20 to -30
-50 to -80
-80 to -90

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

Significant Wave Height Data

NOAA Buoy ID	Range Significant Wave Height*	Time Period
44003	0.2 - 4.1 meters	3/1979 - 3/ 1984
44013	0 - 1.9 meters	6/1986 - 12/2001
44018	0.3 - 3.8 meters	8/1982 - 12/2001
BUZM3	0.3 - 2.1 meters	10/1990 - 12/2001

*** Significant wave heights are defined as the average height of the highest one-third of waves recorded in a 12-hour period.**

Depth for Siting Based on Required Operational Water Depths for Each Wave Energy Company Technology

Company	Depth
Energetech and Wave Dragon	20 - 30 meters
Ocean Power Delivery	> 50 meters
Aqua Energy	50 - 75 meters
Wave Swing	80 - 90 meters

MASSACHUSETTS COASTAL ZONE MANAGEMENT

Maine
New Hampshire
Rhode Island
Ipswich Bay
Jeffreys Ledge
Massachusetts Bay
44013
Stellwagen Bank
Boston Harbor
Race Point Channel
Cape Cod Bay
Cape Cod
Buzzards Bay
Nantucket Sound
Martha's Vineyard
Nantucket
BUZM3
44003
44018
0 5 10
Miles