

Ocean Management Planning District of Critical Planning Concern

RENEWABLE ENERGY WORKGROUP

Tasks:

1. Premise – 24 turbines may be sited within district (additional turbines may be sited outside district boundaries, both landward and seaward). Additional turbines may be allowed in future revisions to state OMP. Consider existing permits (Cape Wind).
2. Identify needs/constraints for wind turbine siting
 - Transmission considerations
 - Spacing/Clustering needs and limitations
 - Wind considerations
 - Airspace constraints (FAA)
 - Commercial ocean traffic, including ferries
 - Siting needs; depth of water, seabed topography and distance from shore
3. Identify impacts from turbines – other workgroups will need to participate
 - Sound over water an issue?
 - Hazardous materials?
 - Natural resource impacts
4. Evaluate and discuss potential economic benefits (public vs. private)
5. Prepare discussion of wind issues – see MVC Wind Siting Plan
6. Produce map of desirable wind project locations
7. Propose regulations – other workgroups will need to participate

Resources or Interests to consider:

- Use conflicts
- Possibilities of co-location of technologies
- Decommissioning
- Wind resources
- Municipal/private benefits

Comment on factors to consider for appropriate scale renewable energy facilities:

1. Protection of public trust
2. Compatibility with existing uses
3. Public safety
4. Community benefit
5. Appropriateness of technology and scale
6. Current and future electrical demand for Barnstable County

Products:

1. Chapter on findings regarding wind siting needs/constraints: ref resources and factors, above
2. Map of go/no go areas – other workgroups will need to participate
3. Make recommendations on the following:
 - CCC thresholds for ocean-based wind, other renewable energy projects
 - Standards for review of wind, other renewable energy
 - Local considerations; standards of review at local level – ConsCom regs (towns may wish to extend regulations to non-district areas)