



**ESS is the lead environmental consultant for the Cape Wind Project, currently the nation's largest proposed offshore wind farm facility.**



**ESS was retained to prepare an air quality impact analysis and assist with obtaining the necessary approvals for the installation of a 7 MW biomass cogeneration system at a facility in Ellicottville, NY.**

ESS has supported the permitting of renewable energy projects from 100 kW to more than 400 MW. We have experience with a broad range of renewable technologies, and particular expertise with wind projects in complex terrain, coastal, and offshore settings, and biomass energy projects. ESS offers full environmental services for renewable energy project development including development of effective regulatory strategies, project feasibility assessments, preparation of comprehensive environmental impact statements, construction oversight, and post-construction compliance. The ESS energy team has extensive experience with federal, state, and local regulatory processes and has developed solid working relationships with regulatory staffs in both environmental and energy agencies.

ESS has actively participated in the development of Renewable Energy Portfolio Standards (RPS) throughout the northeast states and can help project developers assess and obtain qualification for Renewable Energy Credits. ESS also participates in state and federal efforts throughout New England to promote the siting and development of wind generation, fuel cell, solar, biomass, and other renewable generation projects.

## ESS Services for Renewable Energy Development

- Site Selection and Project Feasibility Analyses
- Technology Assessments
- Air/Wind Resource Monitoring and Analysis
- Interconnection/Linear Assessments
- Municipal Infrastructure Integration
- Site Planning, Design, and Engineering
- Air Quality and Noise Impact Evaluations
- Visual Impact Assessments
- Avian Resource and Impact Assessments
- Renewable Fuel Qualifications
- Environmental Impact Assessments and Reports
- Federal, State, and Local Permitting
- RPS Qualification Permitting & Support
- Expert Testimony and Public Outreach Participation
- Construction and Post-Installation Monitoring and Reporting

### The ESS Advantage:

- Renewable energy projects of more than 500 MW in the eastern region of the United States
- Extensive experience with off-shore, coastal, and land-based wind project development
- Strong working relationships with wind energy facility engineers and equipment suppliers
- Special expertise in biomass generation including alternative fuels & RPS qualification support
- Routine interaction with the Massachusetts Technology Collaborative programs and activities