

# Community Wind Collaborative

The Massachusetts Technology Collaborative and communities working together to develop local wind energy projects

The Massachusetts Community Wind Collaborative provides technical, logistical, and financial support for cities and towns seeking to sponsor utility-scale wind energy projects on municipal land.

## 3-Step Community Wind Process:

1

**Site Survey:** Preliminary assessment of the potential for wind energy generation on a number of municipality owned sites.

**The Community...**

- Selects municipal sites for evaluation

**MTC provides...**

- Technical experts to complete site assessments

**660-kilowatt wind turbine at the Massachusetts Maritime Academy**



The Massachusetts Community Wind Collaborative was created to:

- Build public support for wind energy
- Expand the generation and use of renewable energy in Massachusetts
- Help Massachusetts communities determine if wind energy is right for them

**Eligibility:**

- Open to Massachusetts municipalities located in investor-owned utility territories
- Project must be located on municipally-owned land (no private or state lands)
- Project must be of at least 500 kilowatts in size
- Sites must have an estimated wind speed of at least 6.5 m/s (14.5 mph) at 70 meters above ground

2

**Feasibility Study:** Exploration of the technical and economic potential for megawatt-scale municipal wind energy projects.

**The Community...**

- Forms a local Wind Energy Committee
- Identifies a site for feasibility assessment and wind speed data collection
- Reviews feasibility study results
- Sponsors public forums
- Selects an ownership/development approach

**MTC provides resources and technical support for...**

- A "Wind 101" workshop
- Wind resource monitoring
- A wind feasibility study
- Project financial analysis

3

**Standard Financial Offer:** Funding and technical services for municipalities committed to sponsoring a utility-scale wind project (500 kilowatts and greater) on municipal land.

**The Community...**

- Develops project business plan and budget
- Formally decides to proceed with the wind project
- Obtains legislative approval for project ownership or development as needed

**MTC provides...**

- A grant of up to \$150,000 to support project development
- Financial support in the form of a standing offer to purchase Renewable Energy Certificates (RECs) generated by the proposed project

To get started in your community, visit

[www.masstech.org/communitywind](http://www.masstech.org/communitywind)

or contact Chris Clark at [clark@masstech.org](mailto:clark@masstech.org).