



CLEAN ENERGY. MADE HERE.

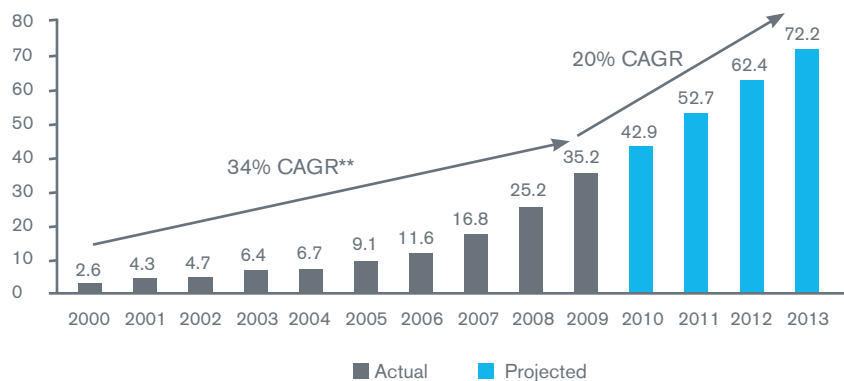
# Building American Energy Independence.

Self-reliance. Independence. Preserving the environment. Each of these ideals is ingrained in American culture. Today, we are furthering these values through our rapidly growing use of clean, domestic wind energy.

First Wind<sup>SM</sup> is proud to play a leading role in helping build energy independence, create jobs, and revitalize the economy – all while protecting our environment for future generations and generating renewable energy for thousands of homes. As an experienced developer, owner, and operator of wind farms, First Wind is committed to the communities where our projects are located, and we are dedicated to helping towns and

states gain economic benefits from this clean energy revolution. Headquartered in Massachusetts, First Wind has a number of operating wind farms, and several more scheduled to be built and operational within the next few years. Working closely with communities across America, First Wind is generating abundant clean energy to meet growing demand.

Installed Wind Capacity in the United States\*



\* Historical figures based on AWEA 2009 report and projected figures based on Emerging Energy Research data as of October 2009.

\*\*CAGR stands for compound annual growth rate







Milford Wind, Milford, UT

# Creating Jobs and Helping Revitalize the Economy.

The federal government has encouraged the development of renewable energy projects as a way to create jobs. Clean, unlimited wind energy will play an important role in this job creation, along with other types of renewable energy.

With years of experience developing wind farms, First Wind has the track record and know-how to rapidly increase energy independence. In the process, we partner with states and local communities to build a sustainable and green economy – reenergizing business activity from the desert

of southern Utah to the coastline of Maui to northern Maine.

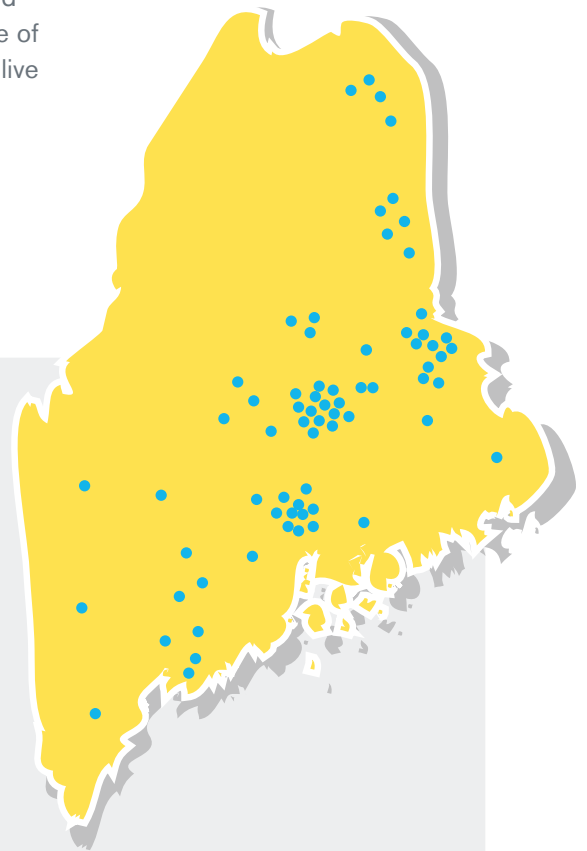
Our wind farms also benefit land-owners, providing a new source of revenue that makes it easier to live off the land.

## CASE STUDY

**Out of \$65 million spent on Stetson Wind construction, engineering, and development services, about \$50 million was spent in Maine.**

When a wind farm gets built in one community, the entire state economy benefits. As just one example, construction of First Wind’s Stetson Wind project in Danforth, Maine, resulted in increased revenue for dozens of companies all across Maine – from

engineering, environmental, and development firms to grocery stores, hotels, and gas stations. If just one wind farm can accomplish this, imagine what widespread utilization of wind energy will mean for the economy.



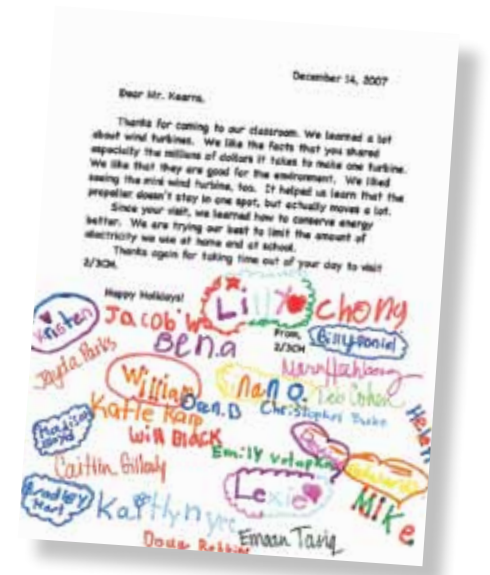
This illustration shows the locations of Maine businesses that benefited from the construction of Stetson Wind.

# Working with Communities.

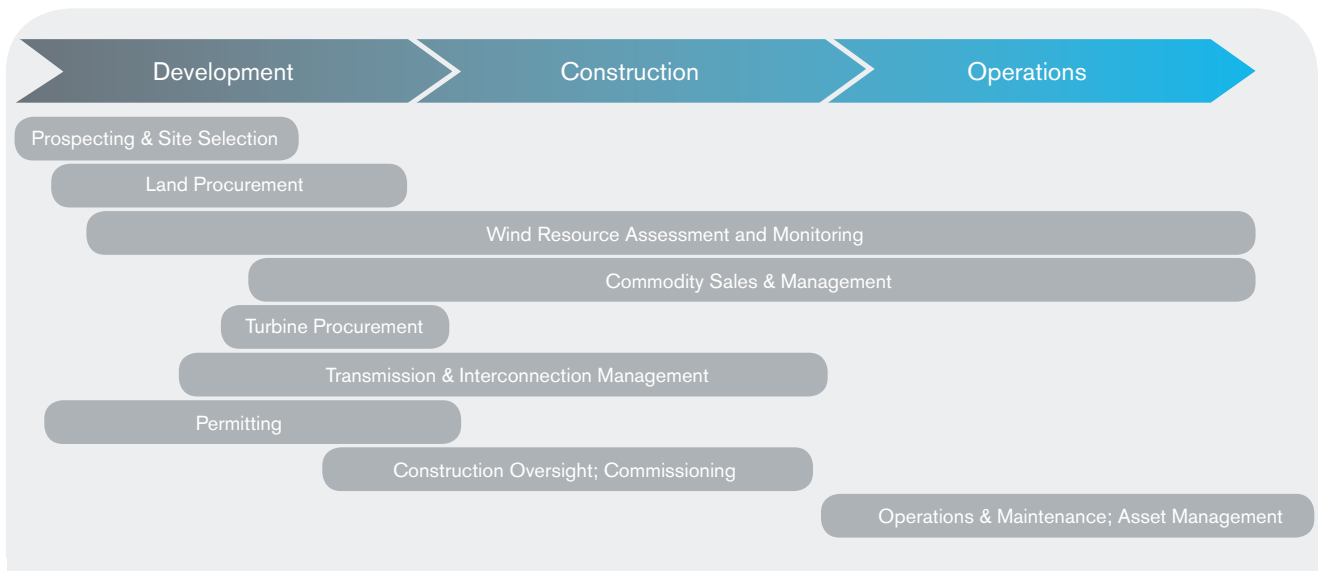
Local First Wind representatives work closely with people in the community to answer questions and establish a strong working relationship with our neighbors. First Wind seeks to establish lasting community partnerships.

What will the wind farm look like? How will construction impact the town? How does the wind farm approval process work? Will the wind farm benefit the tax base? These and many other issues are addressed through town forums, website updates, and one-on-one conversations with officials, homeowners, and business leaders across the community.

Once the wind farm is built, First Wind's involvement with the community continues. First Wind has sponsored community events and local sports teams. In addition, First Wind developers and staff often provide tours of wind farms to help educate adults and kids alike about the many benefits of clean wind energy.



Local First Wind representatives visit schools to help kids learn about clean wind energy.





Representatives of First Wind, Maine Gov. John Baldacci with members of the East Grand High School Outdoor Education Club, Danforth, Maine.



Community residents and local students tour the Milford Wind project during construction.



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2



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1. First Wind's representative presenting a contribution to a Bangor community group's home heating assistance fund.
2. First Wind at the Renewable Energy Fair at Milford High School in Milford, Utah.
3. The Pacific Century Fellows at the Kaheawa Wind Farm in Maui.

First Wind staff and volunteers  
replant native plant species at  
Kaheawa Wind.



# Protecting the Environment for Future Generations.

## Responsible development

When siting and building a new project, First Wind seeks to minimize its possible impact on the landscape and local ecosystems where our wind projects are located. A team of First Wind environmental experts conducts thorough reviews of sites to ensure that projects can coexist in harmony with the surrounding environment. In some cases, our projects are sited on land that was already cleared for

logging or other uses. First Wind has even built a wind farm on an EPA designated “brownfield,” a first-of-its-kind project that turned an environmentally degraded site into a home for clean, renewable power. Every project undergoes extensive environmental analysis and review before permitting is approved and construction begins.

## Pollution-free power

Wind energy produces zero pollution, and in stark contrast to the burning of fossil fuels, wind energy is free of carbon dioxide (CO<sub>2</sub>) emissions – now indisputably recognized as the cause of global warming.\* In addition, wind farms don’t require large amounts of water to operate (like coal or nuclear plants), preserving water resources that are increasingly scarce in places like Utah and the American West.

\* Source: The United Nations Intergovernmental Panel on Climate Change (IPCC), February 2007

## CASE STUDY

### First Wind’s Kaheawa Wind project. Providing clean power for Maui, while safeguarding native species.

Surrounded by a vast ocean, the people of the Hawaiian Islands have a centuries-old tradition of self-reliance, and a deep respect for nature. Which is why First Wind’s Kaheawa wind farm in Maui – overlooking one of the most desirable tourist destinations on earth – is embraced by the community. Kaheawa Wind provides 9% of Maui’s electricity needs, reduces the island’s dependence on expensive imported

oil, and produces zero emissions. Employing an innovative Habitat Conservation Plan, Kaheawa is emblematic of First Wind’s dedication to producing clean energy while preserving the environment.

#### Kaheawa Wind:

- The first operating U.S. wind farm to complete a Habitat Conservation Plan to protect the endangered species that

may be affected by the project.

- Produces over 126,000,000 kilowatt-hours of electric energy annually, enough to serve over 11,000 households.
- Eliminates the use of over 236,000 barrels of oil or 69,000 tons of coal annually.
- Operates in harmony with endangered native bird species.

# Harnessing clean energy as limitless as the sky.

First Wind is already making a difference in meeting electricity demand, harnessing a domestic resource that is clean and unlimited. And with timely permitting approval, First Wind has the ability to build a fully operational wind farm in 2 to 3 years, making it possible to supply ample amounts of clean energy relatively quickly when

compared with other energy sources, such as nuclear.

We can never run out of wind, and the cost of the “fuel” will never go up – because it’s free. That translates into greater electricity price stability for American consumers.

## The future growth of renewable energy

According to the Energy Information Administration, non-hydro renewable energy is expected to nearly quadruple by the year 2035\*. This growth will be driven by federal and state renewable power programs, expected increases in the cost of fossil fuels, and future greenhouse gas regulations and carbon reduction policies. Wind power is expected to be one of the largest sources of that growth.



Cohocton Wind, Cohocton, NY

Mars Hill Wind, Mars Hill, ME

Kaheawa Wind , Maui, HI

Steel Winds, Lackawanna, NY

Stetson Wind 1 & 2, Washington County, ME

Milford Wind 1 & 2, Milford, UT

Kahuku Wind, Oahu, HI

Rollins Wind, Lincoln, ME

Sheffield Wind, Sheffield, VT

**First Wind builds projects in regions that have shown strong support for wind energy.**

Not every town is right for a wind farm. First Wind seeks to build in areas that have a strong and steady wind resource combined with support from local communities.

\* Source: Energy Information Administration  
<http://www.eia.doe.gov/oiaf/aeo/overview.html#fuel>



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