### Did you know...

- In 2007, more than 30% of the world's new generating capacity came from the wind.
- Wind turbines don't have to be extremely tall. Most commercial machines are shorter than a cell tower.
   While small (residential) or huge (utility-scale) turbines are often in the news, many other 'mid-scale' sizes are suitable for new or existing commercial, industrial, or neighborhood applications.
- Modern turbines are fully automatic and monitored over the Internet.
- Wind generated electricity, in appropriate settings, can often be the highest and best use of raw land, or can be used to power existing buildings and in many places shared with neighbors!
- New England has some of the highest electricity costs in the nation. A kilowatt hour here currently costs between \$.15 - .20, and is always increasing.
- The large turbine in Hull, MA creates about 4 million kilowatt hours per year.
- Add in Renewable Energy Credits, accelerated, 5 yr. depreciation, and other incentives and it adds up to a great investment with a constant cash flow —if you have the right wind.
- In many cases the returns on wind energy systems are much higher than other forms of income producing property.
- Wind systems can be located on land that cannot be used for other purposes, such as building construction, and can even coexist with environmental concerns.
- People want 'green power'. Properly designed and located, modern turbines are proving to be a source of pride, rather than a detriment. They draw attention to commercial and retail spaces and help tourism.
- Large and small farms can make a lot of money by 'harvesting' the wind.



Wind maps allow us to predict potential power production to a high level of certainty in order to quickly and inexpensively evaluate potential sites.

#### We can also provide...

- Grant applications
- Full Engineering Analysis
- Utility Interconnection Studies
  - Installation and O&M
  - Project Management



P.O. Box 6006 Plymouth, MA 02362 888-800-2381 www.DevelopersMarketingServices.com

# Wind Energy Appraisals

"Clean, green wind generated electricity could be the highest and best use of your land, or provide power to your business..."



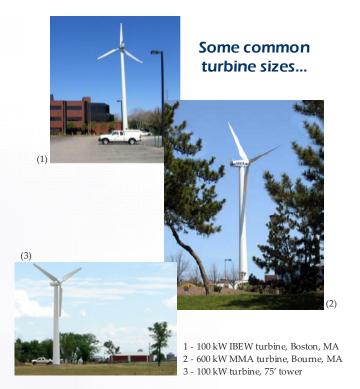
### Know of a windy property?

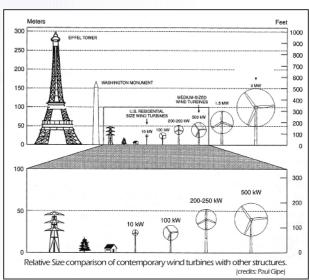


## Find out just how valuable it may be.

Like properties that sit *on top* of an oil field, properties that sit *under* a good wind field can be very valuable. *Now you can order a Wind Appraisal to...* 

- Quantify potential savings or energy production on specific properties.
- Determine or justify further development.
- Compare the production of different size turbines that best suit your property.
  - See simple paybacks and ROI.
  - Spotlight 'fatal flaws' early.
- Fast turnaround time (usually 2 weeks or less), affordably priced.





We work directly with property owners or real estate professionals as an extension of your team.

## About the Principal Brian D. Kuhn

Brian Kuhn is the Principal of *Developers*Marketing Services<sup>1</sup> of Plymouth, MA, which
offers consulting services and project development expertise in the Renewable Energy and Real Estate industries. He is also a partner in *Aeronautica Windpower*<sup>2</sup>, a venture which markets and manufactures wind turbines.

Brian holds a *Bachelor of Science* degree in 'Renewable Energy Systems and Business', from the University of Massachusetts, Amherst ('77), where he was a member of a small team of engineers that designed and built the *UMass Solar Habitat and Wind Furnace*<sup>3</sup> for the Department of Energy. This wind turbine introduced many innovations, including the use of a 3 bladed, variable pitch rotor and the use of a monopole tower – features that are now standard in today's modern wind turbine designs. The *Wind Furnace* turbine is currently heading to a new home at the Smithsonian Institute in Washington.

Mr. Kuhn also offers the unique perspective of over 15 years of experience as a licensed real estate broker with involvement in land procurement and development projects across the Northeast. Mr. Kuhn or his companies are current or past members of the *National Association of Realtors, National Association of Home Builders, The American Wind Energy Association,* and the *Northeast Sustainable Energy Association.* He is the author of several articles published about solar and wind energy.

Brian served as Chairman for the *Plymouth Energy Committee*<sup>4</sup>, an advisory group which reports to the Board of Selectmen. He is the principal author of *'Plymouth 2020'*, a plan adopted by the town which calls for virtually all of Plymouth's Municipal electricity to be produced by renewable sources - most notably wind power - in time for the town's 400th anniversary.

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- (4) http://www.plymouthenergycommittee.com