

Boreal delivers renewable energy solutions

that accelerate the studies, decisions and construction of wind, photovoltaic and solar thermal projects with proven economic and environmental benefit.

See what Boreal can do for you.

[More](#)

Photo: Notus Clean Energy project - 2010

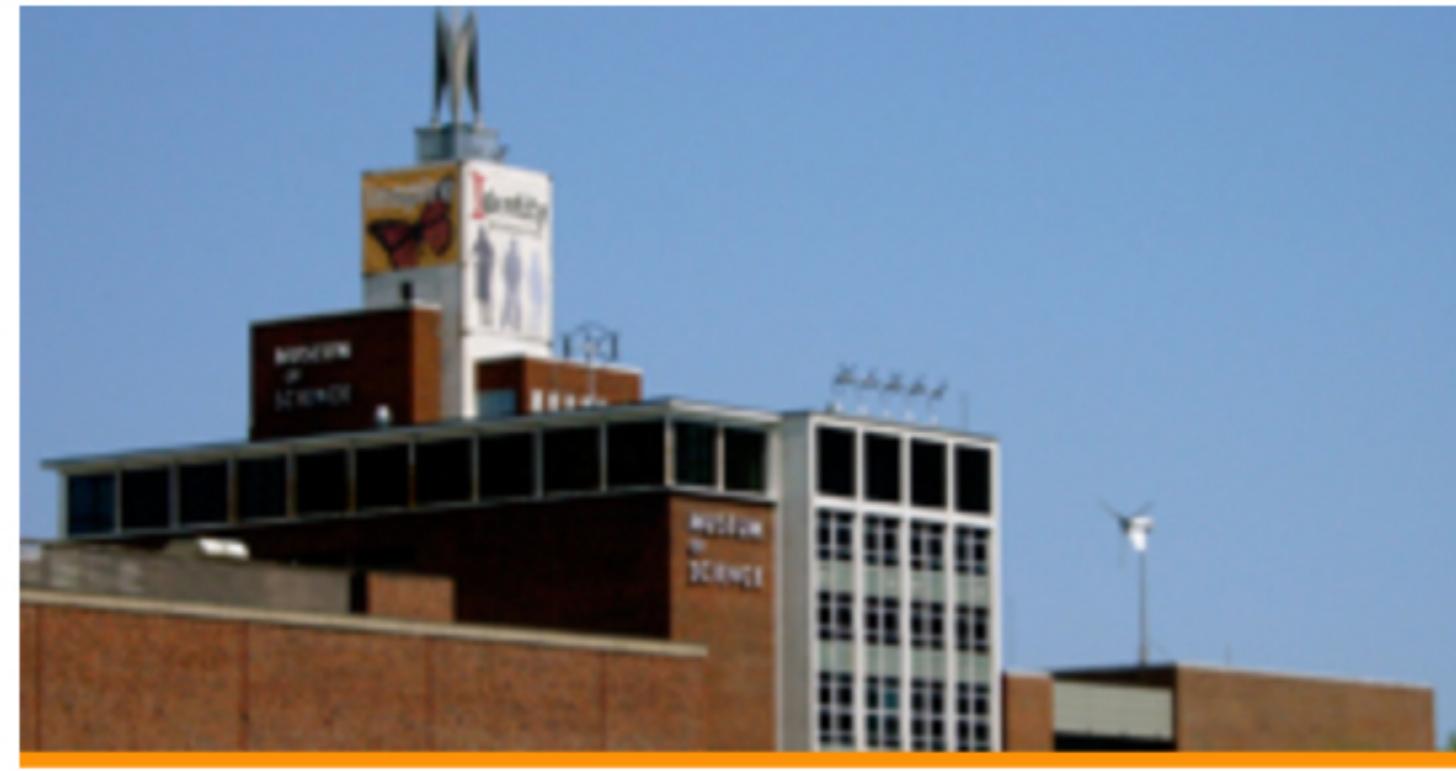


Boreal holds a GSA contract under Schedule 03FAC - Facilities Maintenance and Management. We also have a Comprehensive Professional Energy Services (CPES) Blanket Purchase Agreement (BPA) for the same services. [More](#)

We deliver services under these Special Item Numbers:

- SIN 871-209 Innovations in Energy
- SIN 871-211 Energy Consulting Services
- SIN 811-006 Facilities Maintenance and Management Consulting
- SIN 003-97 Ancillary Repair and Alterations

Tour a few recent projects



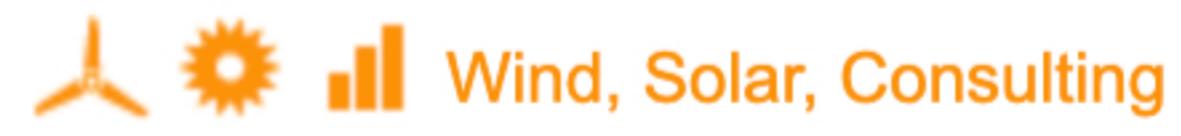
Museum of Science – Boston



Boreal advised the museum on siting and selection of rooftop wind turbines and then directed the installation of nine devices. Learn more about 'urban wind' studies from WindLab.

[More](#)


Massachusetts Water Resources Authority (MWRA) – Boston



One of the region's largest electricity customers wanted to reduce costs and tap its own power sources. MWRA chose Boreal to develop its wind and solar projects.

[More](#)


Float Realty Trust – Falmouth, MA



In a challenging industrial park site on Cape Cod, Boreal delivered a unique rooftop solar array for a company that produces oceanographic monitoring equipment.

[More](#)

Boreal news

[Boreal and partners chosen by Dept. of Veterans Affairs for NYC rooftop wind project](#)

[Boston Globe and Sun Chronicle detail efforts on adding renewables at Gillette Stadium/Patriot Place](#)

[Wampanoag Tribe And Boreal Evaluate Wind Power on Martha's Vineyard Sites](#)

[More](#)

What we do

Boreal Renewable Energy Development accelerates the process of adding renewable wind, photovoltaic and solar thermal power to corporate, government and industrial facilities. Our experience in environmental siting, permitting, energy economics and electric industry markets speeds the implementation of renewable projects – from initial feasibility study and site survey to design/construction/operation and project management of wind turbines, photovoltaic arrays and other energy technologies.

[More](#)

Services

- Project Management
- Siting Evaluations
- Project Finance and Grant Writing
- Feasibility Assessments
- Meteorological Studies
- Economic Pro Forma Analysis
- Community Education / Relations
- Environmental Permitting

[More](#)

What we do

Home > What we do >

-  **Wind power**
 Services from study to construction
-  **Solar power**
 Photovoltaic and solar thermal
-  **Consulting**
 Expertise from concept to revenue
-  **Selected clients**
 See who works with Boreal
-  **Boreal news**
 Read all about it

When you are considering renewable energy for your facilities, Boreal Renewable Energy Development helps at every step along the way. From initial evaluation through economic and regulatory analysis, Boreal's experts can customize solutions that provide reliable energy at a consistent, long-term price.

We've outfitted industrial manufacturing plants, rooftops of historic buildings and a range of other sites with wind power, photovoltaic panels and solar thermal hot water or air heating. Helping clients obtain grants to support studies or construction is another Boreal advantage.

"renewable energy projects can replace as much as half or more of the electricity purchased from a local utility"

Since 2003, Boreal has worked with dozens of wind turbines, photovoltaic arrays and other renewable energy projects; more than virtually any of our nearby competitors. Benefit from this diverse experience and find the right balance of economic and environmental gains for your organization. Call us to learn how renewable energy can reduce budgets and provide 'greener' energy.

Boreal is an ideal choice for clients who want to:

- ➔ Benefit from significant electric cost savings
- ➔ Implement renewable technology that has a tangible impact on profit margins with environmental and public benefits
- ➔ Promote renewable energy to reduce greenhouse gas emissions, create a sustainable economy, and encourage energy self-reliance
- ➔ Mitigate the risk of energy price spikes
- ➔ Engage a trusted, long term partner to manage project development and operations

Focus

Wind, solar and hydroelectric are the primary areas of Boreal experience. Through partners and associates we can pursue other types of renewable technologies such as biomass development.

A successful project begins with a range of analyses that span regulatory, economic, and engineering disciplines. Considerations include:

- ➔ local, state, and federal permitting regulations;
- ➔ routes for obtaining community acceptance;
- ➔ retail electric pricing market rules and structure;
- ➔ potential grants through federal and state sources;
- ➔ tax rules and credits;
- ➔ critical site flaws such as accessibility; geotechnical issues or interconnection.

Boreal actively recruits clients by identifying sites with high renewable energy potential. An internal client champion is key to the success of any project. If you are that champion, we are ready to make renewable energy production at your site a reality.

Who we are



Home > Who we are >

Our people

TOM MICHELMAN

Advisor

ROBERT SHATTEN

Principal

SAMINA ALI

Solar Energy Consultant

MICHAEL ALEXIS

Director – Construction Services

The story

Boreal Renewable Energy Development began in 2003 to provide comprehensive project management for renewable energy projects. By specializing in business, municipal, and institutional sites with the capacity for large on-site distributed generation (0.5 to 10 MW), our projects deliver the maximum possible financial and environmental benefits.

For clients with medium to large electric loads, Boreal creates an alternative renewable supply to augment – or replace – current retail electricity consumption, helping avoid high and volatile costs. On-site renewable energy projects can replace as much as half or more of the electricity purchased from a local utility.

In addition, we provide project management and consulting services on selected research and analysis topics.

The time is right for renewable energy for a variety of reasons: improved technology, lower costs per kW installed, high electricity rates, renewable energy inducements via tax incentives, grants programs, climate change mitigation policy and renewable energy certificate programs.

Which of these are motivating you?

Case studies



Home > Case studies >

Boreal works with:

architects, property owners, facilities managers & renewable energy/sustainability executives. [See a list of selected clients.](#)

Boreal brings unique knowledge and resources at every stage of a project: From initial evaluation of wind and solar potential at your location through construction and operation of the optimal equipment. Here are a few of our projects.



Notus Clean Energy LLC – Cape Cod, MA



Wind



Privately Held



Massachusetts Water Resources Authority (MWRA) – Boston and suburbs



Wind, Solar, Consulting



Government



U.S. Department of Veterans Affairs - Calverton, NY



Wind and Solar



Government



Wellesley College – Wellesley, MA



Wind, Solar, Consulting



Non-profit



Float Realty Trust – Falmouth, MA



Solar



Privately Held



Philips Lightolier – Fall River, MA



Wind



Privately Held



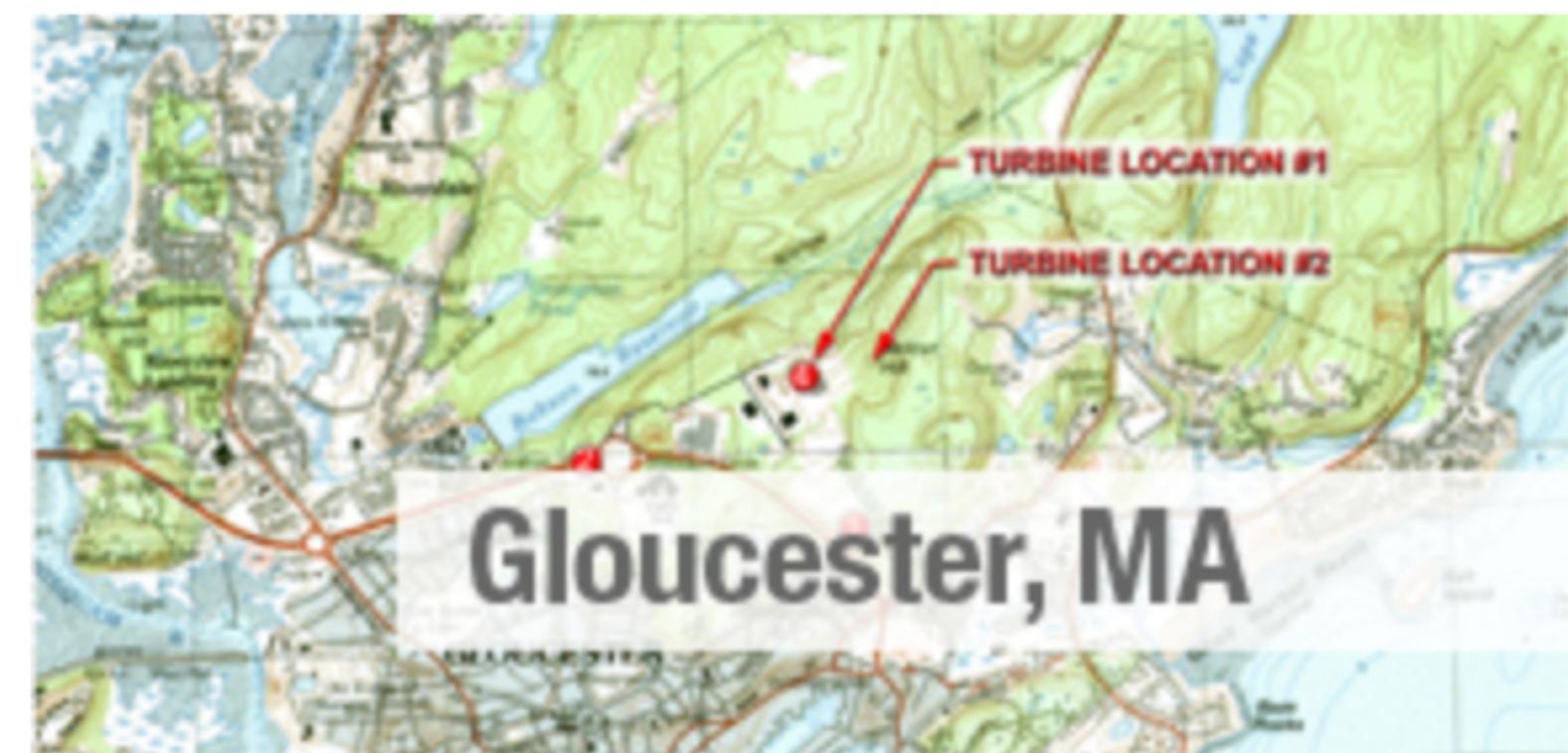
Museum of Science – Boston



Wind



Non-profit



Varian Semiconductor Equipment Assoc. Inc. – Gloucester, MA



Wind



Privately Held