

Wind Power Symposium

AOT Annual Conference, NYC February 20, 2007

Session I – From the Developers Perspective (2:00-2:40)

Speaker: William Moore, Development Director, PPM Atlantic Renewable (Phone: (315)376-4316, Email: Bill.Moore@PPMEnergy.com)

Moderator: Katie Malinowski, Associate Director of Natural Resources, NYS Tug Hill Commission (Phone: (315)785-2385, Email: katie@tughill.org)

What does it take to put a wind generating facility into place? Maple Ridge Wind Farm will take this time to review the project from start to finish and will explain just what it took to put up 195 400-foot tall towers up and connect it to the grid. The developers will also discuss lessons learned and other projects on the horizon.

Each turbine has a capacity of 1.65 MW, and the entire wind farm has a gross nameplate capacity of approximately 320 MW. In addition to the turbines, the generation project involved construction of three permanent meteorological towers, a system of gravel access roads, a buried and aboveground 34.5 KV electrical collection system, two on-site substations, and a 10.3-mile transmission line (located on private lands in the towns of Martinsburg and Watson). The project is spread across approximately 22,000 acres on leased private land in the towns of Martinsburg, Harrisburg, Lowville and Watson. The transmission facility was developed on leased private land in the towns of Martinsburg and Watson, crossing the Black River to the foothills of the Adirondacks. The generating project is located on the eastern edge of Tug Hill Plateau, west of the Village of Lowville, in Lewis County, New York.

Session II – From the Local Perspective (2:40-3:20)

Speakers:

Richard Graham, Esq., County Attorney, Lewis County, NY (Phone: (315)376-5282, Email: rgraham@lewiscountyny.org)

Terrance Thisse, Supervisor, Town of Martinsburg, Lewis County, NY (Phone: (315)376-2299, Email sales@lowvillesport.com)

Moderator: Jean Waterbury, Senior Planner, NYS Tug Hill Commission (Phone: (315)785-2606, Email: jean@tughill.org)

Lewis County in many respects is a typical rural community located in what is commonly referred to as the “north country”. It is said that there are twice as many cows as people. The county is known for dairy and maple production and is home to the largest cream cheese factory in the world. It was in this setting that Flat Rock Windpower, LLC (now known as Maple Ridge Windpower) came to Lewis County in the summer of 1999, with a proposal to build a wind power generating facility in the towns of Martinsburg, Harrisburg, Lowville and Watson.

How did local officials react to the project? What steps needed to be taken in order for the project to move ahead? What would a wind farm look like on Tug Hill? How would the farm affect property taxes and assessments? What might the benefits of a wind farm be to the communities in which it is located? How many landowners would be affected? What public reviews would be done on a wind farm project? What agencies would be involved in permitting a wind farm? This session will discuss how local officials answered these questions and more.

BREAK 3:20-3:40

Session III – From the State Perspective (3:40-4:20)

Speakers:

Joe Visalli, NYS Energy Research & Development Authority (Phone: (518)862-1090, Email: jrv@nyserda.org)

Jack Nasca, NYS DEC, Division of Environmental Permits (Phone: 518-402-9172, E-mail: janasca@gw.dec.state.ny.us)

Fred Zalczman, Executive Director, Pace Energy Project (Phone: 914-422-4082, Email: fzalczman@law.pace.edu)

Moderator: John Bartow, Executive Director, NYS Tug Hill Commission (Phone: (315)785-2570, Email: john@tughill.org)

Questions to be addressed in this session include: What is the future of wind energy in New York? How do other communities prepare for wind projects? What resources are available for assistance? How is the state working to build additional transmission capacity to accommodate potential wind developers? How does a community balance environmental issues?

Session IV – Questions & Answers – Ask the Panel of Presenters (4:20-5:00)

Panelists:

William Moore, Richard Graham, Terrance Thisse, Joe Visalli, Jack Nasca, and Fred Zalczman

Moderator: John Bartow, Executive Director, NYS Tug Hill Commission

The speakers from the three sessions will be available to answer questions from the audience.

Websites of Interest

www.tughillcouncil.com/Martinsburg.htm - For power points and other documents related to this session

www.mapleridgewind.com/ - Maple Ridge Wind Farm

www.powernaturally.org/programs/wind/toolkit.asp - NYSEDA Wind Energy Toolkit

www.paceenergyproject.us/ - Pace Law School, Energy Project

SPEAKER BIOS

William M. Moore, Development Director – PPM Atlantic Renewable - Bill was a co-founder in 1998 of Atlantic Renewable Energy Corp., which grew into the leading developer of commercial wind farms in the eastern U.S., and since 2005 a division of PPM Energy. Atlantic Renewable developed seven of the ten commercial wind farms now operating in the region, including the 11.5 MW Madison (NY) and 30 MW Fenner (NY) wind power projects; three wind farms in southwestern Pennsylvania; and the 66MW Mountaineer wind farm in West Virginia. Bill was the lead developer of the 325 MW Maple Ridge Wind Farm in Lowville, NY, initiating the project in mid-1999. Oregon-based PPM Energy, part of the ScottishPower group of companies, is one of the leading wind companies in the US. PPM Energy owns a portfolio of more than 1,405 MW of wind power currently in operation in seven states; it added 574 MW of new operating wind projects in 2006 alone; and has a goal of bringing 3,500 MW of new wind power to market by 2010. PPM Atlantic Renewable is developing several other wind farms in New York, Pennsylvania and West Virginia. Earlier Bill worked on utility and independent power project financings for another large California-based development company, and a NYC-based investment bank and prior to graduate school did energy and environmental policy work in Massachusetts. He has a B.A., cum laude, in economics as well as a MBA from Yale University, and renovates old houses in his spare time.

Richard J. Graham, Esq., Lewis County Attorney - Richard Graham, a native of upstate New York, graduated in 1982 from South Texas College of Law, where he was an Associate Editor-in-Chief for the *South Texas Law Journal*. Shortly after graduation, he returned to upstate New York where his practice has included representing insurance carriers, major developers, and contractors. Mr. Graham has also been appointed special prosecutor for the District Attorney and was appointed to the Governor's Judicial Screening Committee for screening candidates to fill a vacancy for Lewis County Judge. He concentrates his practice in municipal law and is the County Attorney for Lewis County as well as the Town Attorney for the towns of Lowville, Watson, and New Bremen.

Terrance Thisse, Town of Martinsburg Supervisor - Terry is the Town of Martinsburg Supervisor and has been since being elected in 2000. Prior to being supervisor, Terry served as town councilman for 14 years. He has been active on the Lewis County Economic Development Zone Committee for many years as a committee member and as its chair. Terry has owned the Lowville Sport and Farm since opening in 1979 where he sells various Honda products and other sport and farm equipment. Prior to owning his own business, Terry taught at Canton College in Upstate NY. He is a NYS licensed Professional Engineer. He is married with 4 sons, the last one just started college in 2006. Terry owns several antique cars and bowls every Thursday night during the winter months.

Joe Visalli, New York State Energy Research & Development Authority - Dr. Visalli is the Director for Energy Resources, Transportation and Power Systems, Environmental Research, and the Renewable Portfolio Standard at the New York State Energy Research and Development Authority. This program sponsors research, development and commercialization activities in all aspects of renewable and indigeneous energy production, transportation and power systems technology, pollution control and waste management technology, and environmental quality studies. Dr. Visalli has been at the Energy Authority since 1981, working primarily in the waste management and pollution control areas. He assumed duties for his current position in 1999. He is a licensed professional engineer and a Diplomat of the American Academy of Environmental Engineers.

Jack Nasca, NYS DEC, Division of Environmental Permits - Jack is chief of the Energy Projects & Management Bureau in the Division of Environmental Permits at the New York State Department of Environmental Conservation (DEC). Staff in the energy bureau are responsible for managing the Department's review of all energy generating projects in New York State. The review of wind power projects has been the recent focus for the energy unit. Jack has been with DEC since 1980. Prior to assuming the energy position in 2003, Jack worked with the State Environmental Quality Review (SEQR) program in several capacities. Jack is a co-author of the SEQR Handbook and has been active in the department's public outreach program for local government. He holds a B.S. in Biology from the College of Environmental Science and Forestry at Syracuse University and a M.A. in Biology from the State University College at Buffalo.

Fred Zalzman, Pace Energy Project - Fred, the Executive Director of the Pace Energy Project, has been lead counsel for New York's environmental community in a variety of proceedings before the New York Public Service Commission. Mr. Zalzman has been the team leader on a number of consensus building activities among environmental NGOs on restructuring policy and among insurance companies on benefits of sustainable energy investments. Most recently, Mr. Zalzman has focused his efforts on removing economic and environmental regulatory barriers to the development of emerging clean distributed generation technologies. He teaches energy and natural resource law at Pace Law School and has significant experience in energy and environmental matters, both as an attorney and as a policy analyst. Prior to joining Pace in 1994, he was head of the Strategic Planning Section of the Illinois Department of Energy and Natural Resources where he was chiefly responsible for the development of statewide policies and programs for electric and gas integrated resource planning (IRP), energy conservation, renewable energy development, competitive resource bidding and power plant siting and certification.