



Great Lakes Wind Collaborative Workplan

1st Annual Meeting – Buffalo, NY
May 6-7, 2008

Workplan Intro

- Developed by Acting Steering Committee (SC) in early 2008
- To be updated annually by the SC
- Near-term (current year)
- Long-term (years 2-5)



Workplan Intro

- Long-term work elements may be elevated to current year or next year's near-term items by consensus of the GLWC Steering Committee.



Seven Main Categories

1. Leadership, Regional Coordination and Policy Support
2. Communication and Outreach
3. Research and Data Management
4. Environmental Planning, Siting and Permitting



Seven Main Categories

5. Off Shore Wind in the Great Lakes
6. Transmission and Power System Integration of Wind Power
7. Economic Development Aspects of Wind Power



Leadership, Regional Coordination and Policy Support

- a) Using the AWEA/DOE/NREL “20% Wind Energy by 2030” report as a guide, establish and conduct a **process for sustaining dialogue** to identify and address key regional wind issues.



The Process for Sustaining Dialogue

1. Establish the GLWC charter and governance structure
2. Coordinate with the MGA Energy Security and Climate Stewardship Platform
3. Coordinate planning efforts with national and state/provincial wind stakeholder groups and support establishment of new wind working groups in GL jurisdictions as appropriate



Leadership, Regional Coordination and Policy Support

- b) Identify and procure funding sources for operation of the GLWC, including specific projects or activities included in the GLWC Charter
- c) Identify and recruit new members to the GLWC



Leadership, Regional Coordination and Policy Support

- d) Work with the Great Lakes Commission membership and other regional organizations (e.g., Council of Great Lakes Governors) to advance priorities of the GLWC
- e) Engage GLWC members to provide feedback and input on federal, state, provincial and regional wind policy development



Communication & Outreach

- a) Host the 1st Annual Meeting (and subsequent annual meetings) of the GLWC
- b) Foster regular communication with national, regional, and state/provincial wind energy stakeholder groups



Communication & Outreach

- c) Establish and maintain an Internet-based communications infrastructure (i.e., web site, listservs, wiki, etc. - done)
- d) Publicize the GLWC's work activities and develop information materials as appropriate



Research & Data Management

- a) Conduct a literature review on Great Lakes wind energy and publish the results online as an annotated bibliography (done)
- b) Begin development of an online Great Lakes Wind Atlas
- c) Conduct a gap analysis on Great Lakes wind and identify areas that require additional research or information



Environmental Planning, Siting and Permitting

- a) Identify and characterize key issues regarding Great Lakes wind power (Use the AWEA/DOE/NREL “20% Wind Energy by 2030” report as a guide)



Environmental Planning, Siting and Permitting

- b) In support of the MGA Platform – research, document and publish information on federal, state and provincial policies and programs that affect the siting and permitting of wind energy facilities



Environmental Planning, Siting and Permitting

- c) Identify, document and publish information about best management practices (BMPs) for siting of wind facilities in the region – consider:
- Wildlife and ecological resources (both offshore & onshore)
 - Visual resources
 - Noise
 - Cultural resources
 - Stormwater
 - Construction, operation, monitoring, decommissioning, mitigation measures, etc.



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Great Lakes Wind Collaborative

Off Shore Wind in the GLs

- a) Identify key issues regarding Great Lakes *off shore* wind power and potential conflicts and opportunities in both federal and state/provincial agency jurisdictions (e.g. USFWS, USACE, USCG, DNRs, PUCs, etc.)



Off Shore Wind in the GLs

- b) Develop *off shore* data layers for the Great Lakes Wind Atlas
- c) In support of the MGA Platform, document information on relevant U.S. and Canadian policies and procedures for off shore wind siting and permitting



Off Shore Wind in the GLs

- d) Facilitate the implementation of wind energy demonstration projects and/or pilot studies *specifically for offshore wind power*



Transmission & Power System Integration

- Participate in the AWEA+CanWEA “Wind and Transmission Workshop” in Detroit, MI (March 18-19) and NWCC “Eastern Midwest Transmission Workshop” in Dearborn, MI in summer 2008 and determine actions for the GLWC to carry forward thereafter.



Great Lakes Wind Collaborative

Economic Development Aspects of Wind Power

- Identify what ED efforts can drive wind power manufacturing and “green jobs” growth in the Great Lakes region
- Create a database of wind ED ideas and approaches
- Identify success stories



Economic Development Aspects of Wind Power

- Consider web-based tools or a workshop in the region
 - To promote ED aspects of wind power manufacturing
 - Jobs growth potential



More Information

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