

## Small Wind Siting Rules and Opportunities for Renewable Energy

Sponsored by:

Renewegy, LLC  
East Central Wisconsin RPC  
Bay-Lake RPC  
Wisconsin Wind Works  
City of Oshkosh  
Winnebago County UW-Extension  
Outagamie County UW-Extension

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- General education around “small” wind turbine siting and permitting issues
- Show some real-world examples of consumers and communities that have been through process
- Provide visibility into current legislative environment
- Open discussion around how to prepare for and meet future demand

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# AGENDA

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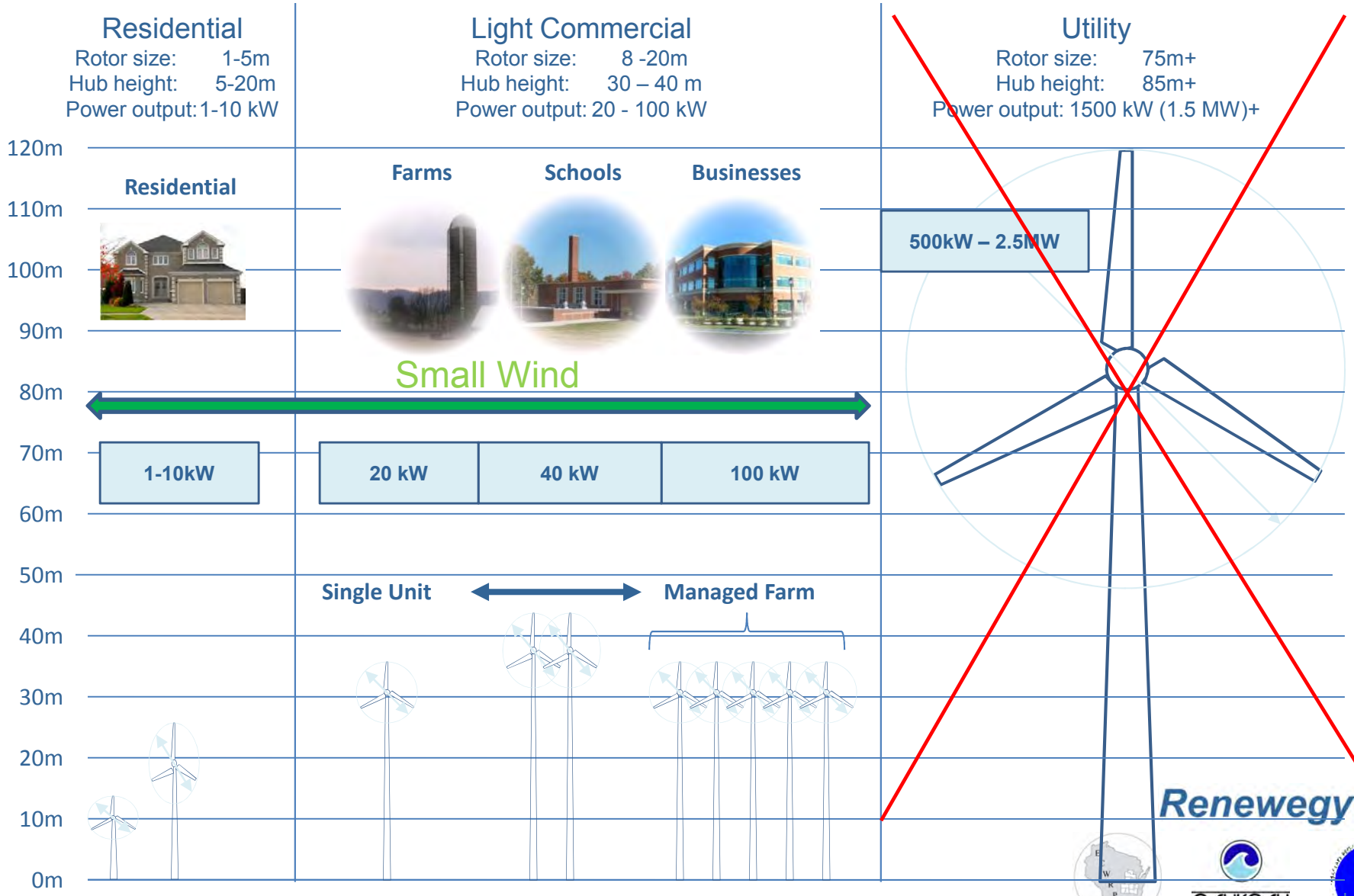
- 8:30 A.M.**     **Registration and coffee**
- 9:00 A.M.**     **Welcome and opening remarks - Opportunities for renewable energy**  
                    **Mr. Paul Esslinger, Mayor - City of Oshkosh**  
                    **Mr. Dan Epstein, Vice President & Chief Operating Officer - Renewegy, LLC**  
                    **Mr. Eric Fowle, AICP, Executive Director, -East Central Wisconsin RPC, Menasha**
- 9:15 A.M.**     **Small wind Siting Case Studies**  
                    **Mr. Mike Dillon, Environmental Manager - SCA Tissue North America**  
                    **Mr. George Dearborn, Community Development Director -Town of Menasha**  
                    **Mr. Jeffrey W. Feldt , P.E., General Manager - Kaukauna Utilities**  
                    **Mr. Robert Jakel, Community Development Director -City of Kaukauna**
- 10:00 A.M.**    **New PSC small wind siting rules**  
                    **Ms. Deborah Erwin, Program and Planning Analyst - Wisconsin Public Service Commission**
- 10:45 A.M.**    **break**
- 11:00 A.M.**    **how to respond - guidance for 2011**  
                    **Moderator: Mr. Jim Resick, Outagamie Co., UW-EX**  
                    **Ms. Deborah Erwin, Program and Planning Analyst - Wisconsin Public Service Commission**  
                    **Mr. Michael Vickerman, Executive Director - RENEW Wisconsin**  
                    **Mr. Robert Jakel, Community Development Director - City of Kaukauna**  
                    **Mr. Bruce Roskom, Principal Planner - City of Appleton**
- 11:45 A.M.**    **Closing remarks**  
                    **Mr. Richard Heath, Executive Director - Bay-Lake RPC, Green Bay**  
                    **Ms. Dana Enz, Vice President of Sales - Renewegy, LLC**
- 12:00 P.M.**    **Adjourn**

Renewegy Tours Available

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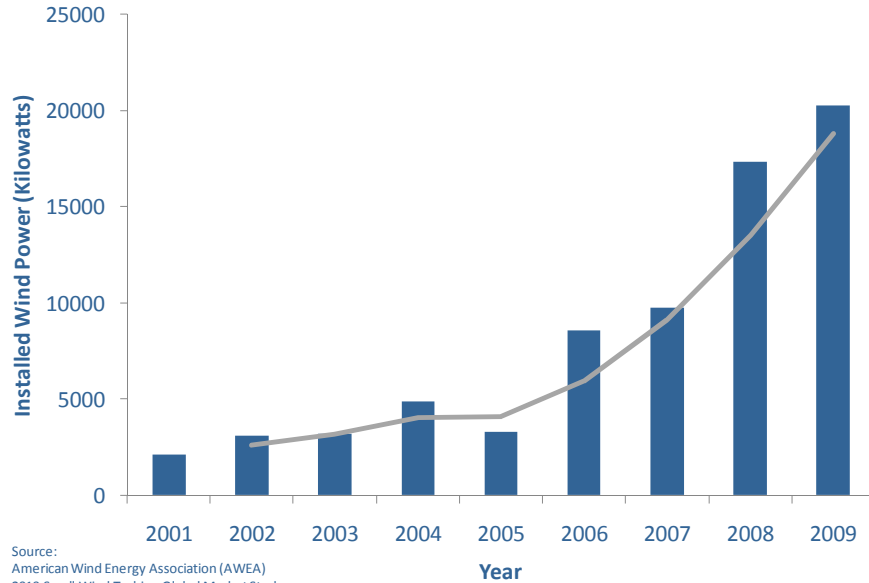
# Small Wind Siting Discussion



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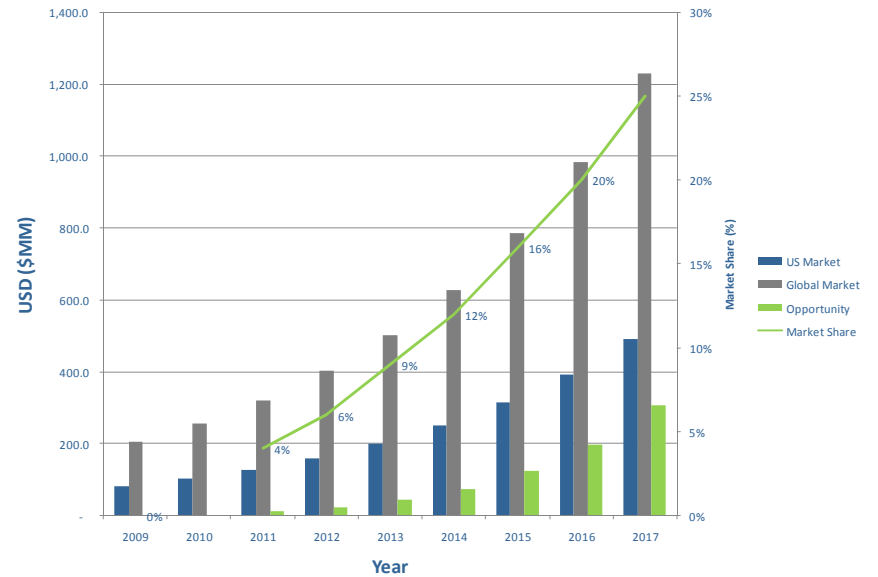


U.S. Installed Windpower



Source:  
American Wind Energy Association (AWEA)  
2010 Small Wind Turbine Global Market Study

Projected Small Wind (<100kW) Market Growth (~25% CAGR)



Takeaways:

1. Market growing between 20-53% annually
2. Estimated to continue to grow between 20-40%
3. Per unit capacity increasing from 5kW to 20-100kW units
4. Global market drivers different than in US (feed in tariffs, subsidies etc.)





## Why are customers installing Renewables (wind power)?

- Marketing and increased sales
- Culture (Customers, Community, etc...)
- Provides a reasonable return on investment
- Rising energy costs
- Reduce dependence on fossil fuels



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