

09hr\_AC-EU\_ab0256\_pt02



(FORM UPDATED: 08/11/2010)

## WISCONSIN STATE LEGISLATURE ... PUBLIC HEARING - COMMITTEE RECORDS

2009-10

(session year)

Assembly

(Assembly, Senate or Joint)

Committee on Energy and Utilities...

### COMMITTEE NOTICES ...

- Committee Reports ... **CR**
- Executive Sessions ... **ES**
- Public Hearings ... **PH**

### INFORMATION COLLECTED BY COMMITTEE FOR AND AGAINST PROPOSAL

- Appointments ... **Appt** (w/Record of Comm. Proceedings)
- Clearinghouse Rules ... **CRule** (w/Record of Comm. Proceedings)
- Hearing Records ... bills and resolutions (w/Record of Comm. Proceedings)  
(**ab** = Assembly Bill)                      (**ar** = Assembly Resolution)                      (**ajr** = Assembly Joint Resolution)  
(**sb** = Senate Bill)                              (**sr** = Senate Resolution)                              (**sjr** = Senate Joint Resolution)
- Miscellaneous ... **Misc**

\* Contents organized for archiving by: Stefanie Rose (LRB) (December 2012)

- ▶ Home
- ▶ Lobbying in Wisconsin
- ▶ Organizations employing lobbyists
- ▶ Lobbyists

Presented by the Wisconsin  
Government Accountability Board

as of Friday, September 11, 2009

**2009-2010 legislative session**  
**Legislative bills and resolutions**

(search for another legislative bill or resolution at the bottom of this page)

**Assembly Bill 256**

regulation of wind energy systems and granting rule-making authority. (FE)

**TEXT**  
sponsors  
LBR analysis

**STATUS**  
committee actions and  
votes  
text of amendments

**COST & HOURS**  
of lobbying efforts  
directed at this  
proposal

Organization		These organizations have reported lobbying on this proposal:	Place pointer on icon to display comments, click icon to display prior comments			
Profile	Interests		Date Notified	Position	Comments	
me	•	•	Alliant Energy	5/6/2009	↑	
	•	•	American Lung Association of Wisconsin Inc	6/29/2009	↑	
	•	•	ATC Management Inc.	5/13/2009	↑	
	•	•	Citizens Utility Board	5/6/2009	↑	
	•	•	Clean Wisconsin Inc	5/6/2009	↑	
Me	•	•	Clean, Responsible Energy for Wisconsin's Economy	5/11/2009	↑	
	•	•	Coalition For Wisconsin Environmental Stewardship	5/7/2009	↓	
	•	•	Construction Business Group	5/12/2009	↑	
	•	•	Cooperative Network Association	7/17/2009	?	
Me	•	•	Customers First! Coalition	5/5/2009	↑	
Me	•	•	Dairyland Power Cooperative	5/27/2009	↑	
	•	•	Gundersen Lutheran Administrative Services, Inc	8/17/2009	↔	💬
	•	•	IBEW Local Union 2150	5/11/2009	↑	
Me	•	•	Invenergy Wind LLC	5/8/2009	↑	
	•	•	League of Wisconsin Municipalities	5/11/2009	↔	
	•	•	League of Women Voters of Wisconsin Education Fund Inc	5/12/2009	↑	
	•	•	Madison Audubon Society Inc	5/11/2009	↑	💬
Me	•	•	Madison Gas & Electric Company	5/6/2009	↑	
	•	•	Midwest Food Processors Association Inc	6/16/2009	↔	
	•	•	Municipal Electric Utilities of Wisconsin	5/28/2009	↑	💬
	•	•	Northern States Power d/b/a Xcel Energy	5/18/2009	↑	
	•	•	Operating Engineers Local #139	5/7/2009	↑	

•	•	RENEW Wisconsin	5/6/2009	↑	
•	•	Sierra Club - John Muir Chapter	5/12/2009	↑	💬
•	•	Wind on the Wires	5/6/2009	↑	
•	•	Wisconsin Agribusiness Council	5/14/2009	↑	
•	•	Wisconsin Builders Association	5/12/2009	↔	
•	•	Wisconsin Counties Association	6/2/2009	↔	
•	•	Wisconsin Crop Production Association	6/3/2009	↔	
•	•	Wisconsin Energy Corporation	7/9/2009	?	
•	•	Wisconsin Farm Bureau Federation	6/23/2009	↑	
•	•	Wisconsin Farmers Union	5/15/2009	↑	💬
•	•	Wisconsin Industrial Energy Group Inc	5/11/2009	↑	
•	•	Wisconsin Laborers District Council	5/11/2009	↑	
•	•	Wisconsin League of Conservation Voters (WLCV)	5/7/2009	↑	
•	•	Wisconsin Manufacturers & Commerce	5/6/2009	↑	
•	•	Wisconsin Paper Council	8/4/2009	↑	
•	•	Wisconsin Realtors Association	5/21/2009	↔	
•	•	Wisconsin State Council of Carpenters	7/31/2009	↑	
•	•	Wisconsin Wildlife Federation	5/7/2009	↑	💬

me

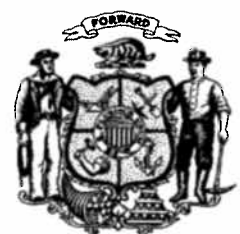
Skewes

Select a legislative proposal and click "go"

**House**    
**Proposal Type**     
**Proposal Number**  (enter proposal number)  
**Legislative Session**



# WISCONSIN STATE LEGISLATURE





---

---

## WISCONSIN LEGISLATIVE COUNCIL

---

---

*Terry C. Anderson, Director  
Laura D. Rose, Deputy Director*

TO: SENATOR JEFF PLALE AND REPRESENTATIVE JAMES SOLETSKI

FROM: David L. Lovell, Senior Analyst *David Lovell*

RE: Senate Substitute Amendment 2 to 2009 Senate Bill 185 and Assembly Substitute Amendment 2 to 2009 Assembly Bill 256, Relating to Municipal Regulation of Wind Energy System

DATE: September 14, 2009

2009 Senate Bill 185 and Assembly Bill 256 are companion bills that relate to municipal regulation of wind energy systems. Senate Substitute Amendment 2 to Senate Bill 185 and Assembly Substitute Amendment 2 to Assembly Bill 256 are identical substitute amendments to the bills. This memorandum summarizes the provisions of the substitute amendments and identifies the differences between the substitute amendments and the bills. For convenience, this memorandum refers to the bills and the substitute amendments in the singular.

### **CURRENT LAW**

Current law prohibits a municipality (county, city, town, or village) from placing any restriction, either directly or in effect, on the installation of a solar or wind energy system, unless the restriction satisfies one of the following conditions:

- The restriction serves to preserve or protect the public health or safety.
- The restriction does not significantly increase the cost of the system or significantly decrease its efficiency.
- The restriction allows for an alternative system of comparable cost and efficiency.

### **THE SUBSTITUTE AMENDMENT**

The substitute amendment does not modify the provision of current law cited above, but creates a framework to allow limited and generally uniform local regulation of wind energy systems. Note that,

while the current law addresses both wind and solar energy system, the framework created by the substitute amendment applies only to wind energy systems.

### **Limitations on Municipal Regulation of Wind Energy Systems**

The substitute amendment directs the Public Service Commission (PSC) to promulgate rules that specify the maximum restrictions that a municipality ("political subdivision" in the substitute amendment) may impose on the installation or use of a wind energy system. It specifies that the subject matter of the rules *must* include setback requirements that provide reasonable protection from health effects of wind energy systems and decommissioning; it specifies that the subject matter *may* also include visual appearance, lighting, electrical connections to the power grid, setback distances, maximum audible sound levels, shadow flicker, proper means of measuring noise, interference with radio, television, and telephone signals, or other matters.

The substitute amendment specifies that a municipality: (1) may not regulate wind energy systems unless it adopts an ordinance that is no more restrictive than the PSC rules; and (2) may not impose any restriction on a wind energy system that is more restrictive than the PSC rules.

The substitute amendment essentially "grandfathers" previously approved wind energy systems. It specifies that, if a municipality adopts an ordinance in conformance with the PSC rules, it may not apply that ordinance, or require approvals under that ordinance, to a wind energy system that it had already approved under a previous ordinance or under a development agreement. This language appears to apply to an amendment to a previous ordinance, as well as to a totally new ordinance, as that amendment itself is an ordinance.

The substitute amendment also specifies that a municipality may not prohibit or restrict testing activities to determine whether a site is suitable for the placement of a wind energy system. It provides that a municipality objecting to such testing may petition the PSC to impose reasonable restrictions on the testing.

### **Municipal Procedures**

The substitute amendment specifies procedures that a municipality must follow in reviewing an application for a permit to install a wind energy system. In brief, a municipality must determine whether an application is complete within 45 days of receiving it and must take final action on the application within 90 days of determining that it is complete. A municipality may request additional information from an applicant, and is allowed 45 days from the receipt of that information to determine whether the application is then complete. A municipality may extend its 90-day review period for any of several specified reasons, but not for more than a total of 90 days. If a municipality does not have an ordinance in effect when it receives an application, the deadlines are delayed by approximately three months. If a municipality fails to make a determination of the completeness of an application within the 45-day limit, the application is considered to be complete; if it fails to take final action within the 90-day review period, the application is considered to be approved.

The substitute amendment specifies that, when reviewing an application for approval of a wind energy system, a municipality must create a record of its proceedings, including recordings of public

hearings and copies of all related documents. The municipality must base its decision on an application on written findings of fact supported by evidence in the record.

The substitute amendment directs the PSC to promulgate rules further elaborating these and other procedural requirements and requires municipalities to conform their procedures to the PSC rules.

### **Review of Municipal Actions**

The substitute amendment specifies two options that an aggrieved party may use to appeal a municipality's actions on an application for approval to construct a wind energy system or to appeal a municipality's enforcement action relative to a wind energy system. Under the first option, the party may appeal the decision or action in the municipality's administrative review process; if still aggrieved following this review, the party may then appeal to the PSC. The further appeal must be made within 30 days of completion of the municipal review. If a municipality has not completed its review within 90 days, the party may then appeal to the PSC. Under the second option, an aggrieved party may appeal directly to the PSC.

When a case is appealed to the PSC, the municipality is required to provide the complete record of its proceeding to the PSC. The PSC may base its review on that record or it may expand the record it reviews. The substitute amendment requires the PSC to complete its review in 90 days, but allows the PSC to extend that time for good cause. If the PSC determines that the municipality's action did not comply with the PSC's rules or is otherwise unreasonable, the PSC's decision supersedes that of the municipality and the PSC may order an appropriate remedy.

The substitute amendment specifies that these are the only options allowed for review of a municipality's actions. Under either option, judicial review is not available until the PSC has completed a review of the case. Upon appeal to circuit court, the substitute amendment directs the court to review the PSC's decision, rather than that of the municipality.

### **Applicability**

The substitute amendment applies to all wind energy systems, regardless of size (as does current law). Note, however, that a person who proposes to build an electric generating facility with an operating capacity of at least 100 megawatts, including a wind farm with this collective capacity, must first apply to the PSC for, and receive, a certificate of public convenience and necessity (CPCN). Under current law, municipal ordinances may not preclude or impede the construction of an electric generating facility for which the PSC has issued a CPCN. Thus, effectively, the substitute amendment applies to wind energy systems with an operating capacity less than 100 megawatts.

### **Other Provisions**

#### ***Decommissioning***

The substitute amendment directs the PSC to promulgate rules that require the owner of a wind energy system with an operating capacity of at least one megawatt to maintain proof of financial responsibility ensuring the availability of funds for decommissioning of the system upon discontinuance of its use.

### ***Wind Siting Council***

The substitute amendment creates a Wind Siting Council in the PSC. The membership of the council consists of representatives of wind energy developers and the broader energy industry, municipalities, environmental groups, realtors, and neighbors of wind energy systems, and includes two unspecified public members and a member of the University of Wisconsin System faculty with expertise in the health impacts of wind energy systems.

The substitute amendment directs the PSC to consult with the council in developing the various rules required under the substitute amendment. It also directs the council to survey the peer-reviewed scientific literature relating to the health effects of wind energy systems and to study state and national regulatory developments with regard to wind energy systems. The council must submit a report to the Legislature every five years describing the research and regulatory developments and any recommendations of the council for legislation based on those developments.

### ***Department of Natural Resources Duties***

The substitute amendment directs the Department of Natural Resources (DNR) to identify areas in the state where wind turbines, if placed in those areas, may have a significant adverse effect on bat and migratory bird populations. The DNR must maintain an Internet website that provides this information to the public and includes a map of the identified areas.

The substitute amendment directs the DNR to study whether the department's statutory authority is sufficient to adequately protect wildlife and the environment from any adverse effect from the siting, construction, or operation of wind energy systems. In conducting the study, the DNR must consider the authority of other state agencies and municipalities to regulate the environmental impact of wind energy systems. The DNR must submit its report on the study to the Legislature within 13 months after the provision's effective date. If the study concludes that the DNR's authority is not sufficient, the report must include recommendations for a bill that provides DNR with such authority.

### **COMPARISON OF THE SUBSTITUTE AMENDMENT TO THE BILL**

The substitute amendment consists of Senate Substitute Amendment 1 to Senate Bill 185, as amended by Senate Amendments 1, 2, and 3 to Senate Substitute Amendment 1 (the form in which the bill was recommended for passage by the Senate Committee on Commerce, Utilities, Energy, and Rail), with certain additional modifications. This part of the memorandum identifies the differences between the substitute amendment and the bill. Except as otherwise indicated, the changes described in this section reflect the substance of Senate Substitute Amendment 1.

### **Limitations on Municipal Regulation of Wind Energy Systems**

The *bill* lists a number of topics that the PSC rules *may* address. The *substitute amendment* specifies that the rules *shall* include setback requirements that provide reasonable protection from any health effects, including health effects from noise and shadow flicker, associated with wind energy systems. (This provision reflects the substance of Senate Amendment 2 to Senate Substitute Amendment 1 to Senate Bill 185.)



The *substitute amendment* adds the “grandfathering” of previously approved wind energy systems, described earlier. (This provision was not a part of any of the amendments recommended by the Senate Committee on Commerce, Utilities, Energy, and Rail.)

### Municipal Procedures

The *substitute amendment* specifies that a municipality, as soon as possible after receiving an application for approval of a wind energy system, must publish a Class 1 notice stating that the application has been filed with the municipality. The *bill* has no provision on this subject.

The *substitute amendment* authorizes a municipality to deny an application for approval of a wind energy system with an operating capacity of at least one megawatt if the proposed site of the system is in an area primarily designated for future residential or commercial development, as shown in a map that is adopted as part of a comprehensive plan under the Smart Growth law before June 2, 2009, or as shown in such maps after December 31, 2015, as part of a comprehensive plan that is updated as required under the Smart Growth law. An applicant whose application is denied under this provision may appeal the denial to the PSC, which may grant the appeal, notwithstanding the inconsistency of the application with the planned residential or commercial development, if the PSC determines that granting the appeal is consistent with the public interest. The *bill* has no provision on this subject.

The *bill* specifies that, if an application is approved or considered to be approved because the municipality did not make a timely determination as to the completeness of the application (sic) or is not subject to regulation because the municipality did not enact an ordinance in a timely manner, a municipality may not consider an applicant’s minor modification to the application to constitute a new application. The *substitute amendment* reduces this provision to a simple statement that a municipality may not consider an applicant’s minor modification to the application to constitute a new application.

The *bill* specifies that, if an application is considered to be approved because the municipality did not make a timely determination as to the completeness of the application (sic) or is not subject to regulation as described in the preceding paragraph, the municipality may not regulate the wind energy system to which the application applies. The *substitute amendment* deletes this provision.

### Review of a Municipal Action

The *bill* applies the PSC review process only to wind energy systems with an operating capacity of one megawatt or more, allowing appeals of a municipality’s action relating to smaller systems to be appealed into circuit court following any municipal review process. The *substitute amendment* applies the PSC process to all wind energy systems.

The *bill* specifies that the PSC may treat a municipality’s determination that an application is incomplete as a decision to disapprove the application. The *substitute amendment* limits this to cases in which the PSC determines that the municipality has unreasonably withheld its determination that an application is complete.

**Other Provisions**

The *substitute amendment* adds the provision regarding proof of financial responsibility for decommissioning of wind energy systems, described earlier. (This provision reflects the substance of Senate Amendment 3 to Senate Substitute Amendment 1 to Senate Bill 185, except that that amendment applied the requirement prospectively but without regard to the size of the wind energy system.)

The *substitute amendment* adds the two duties of the DNR, described earlier.

The *bill* directs the PSC to establish an advisory committee with specified membership to advise it in the development of the rules the bill requires the PSC to promulgate. The *substitute amendment* replaces the advisory committee with the Wind Siting Council described earlier, and assigns to it the expanded duties also described earlier. (This provision largely reflects the substance of Senate Amendment 1 to Senate Substitute Amendment 1 to Senate Bill 185.)

The *substitute amendment* directs the PSC to hold at least two public hearings prior to promulgating its rules on wind energy systems. At least one of the hearings must be held in Monroe County and at least one must be held in an area outside of Dane County and Monroe County in which developers have proposed wind energy systems. The *bill* has no provision on this subject.

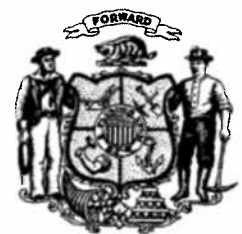
Under *current law*, before a person may construct a large electric generating facility (a facility with an operating capacity of 100 megawatts or more), the person must obtain a CPCN from the PSC. The *bill* specifies that, in reviewing a CPCN application for a wind energy system, the PSC must consider whether installation or use of the system is consistent with the restrictions specified in the PSC's rules. The *substitute amendment* replaces the word "restrictions" with "standards."

If you have questions regarding the bill or the substitute amendment, please contact me at the Legislative Council staff offices.

DLL:jal



# WISCONSIN STATE LEGISLATURE



---

---

## MEMORANDUM

---

---

**TO:** WISCONSIN LEGISLATORS

**FROM:** THE MEMBERS OF WIND FOR WISCONSIN

**SUBJECT:** SUPPORT FOR AB 256 AND SB 185

**DATE:** 9/15/2009

**The members of Wind for Wisconsin urge you to vote for AB 256 and SB 185 as amended by Substitute Amendment 2.**

AB 256 and SB 185 have and deserve bipartisan support. The legislation:

- Increases Wisconsin's energy independence;
- Reduces our dependence of fossil fuel which is subject to great price volatility;
- Will help create jobs;
- Will strengthen rural economies by giving land owners hosting wind turbines new income from rental payments.

The legislation offers benefits to our economy both for the short and long-term. The Operating Engineers report that construction of WEPCO's Blue Sky Green Fields project created 400,000 labor hours. Wind projects that are developed in Wisconsin can also rely on the manufacturing capabilities of our state. For instance, Tower Tech in Manitowoc is poised to build the towers for Wisconsin-based wind farms. Passage of this legislation will also signal to national and international wind companies that Wisconsin is open for business.

We urge your support.

---

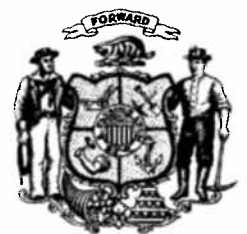
\*Wind for Wisconsin is a single purpose coalition organized to pass wind siting reform with the financial support of Wind on the Wires and RENEW Wisconsin.

## CAMPAIGN SUPPORTERS

- Addison Wind Energy, LLC
- AgWind Energy Partners
- American Lung Association WI
- American Transmission Company
- American Wind Energy Association
- Associated General Contractors of Wisconsin, Inc.
- Babcock & Brown
- Boldt Construction
- Broadwind Energy
- Citizens Utility Board
- Clean Wisconsin
- Construction Business Group
- Customers First Coalition
- Dairyland Power Cooperative
- EcoEnergy, LLC
- Emerging Energies, LLC
- Federal Marine Terminals, Inc.
- Fednav
- Great Lakes Utilities
- Horizon Wind Energy
- Iberdrola Renewables
- IBEW 2150
- IBEW 965
- Invenergy, LLC
- IUOE Local 310
- Lake Michigan Wind and Sun
- League of Women Voters – Wisconsin
- Madison Gas & Electric
- Michels Wind Energy
- Midwest Renewable Energy Association
- Midwest Wind Energy
- Municipal Electric Utilities of WI
- Natural Resources Consulting, Inc.
- Operating Engineers Local #139
- Orion Construction Group
- Orion Energy Systems
- Port of Milwaukee
- Renewegy
- RENEW Wisconsin
- Ritger Law Office
- Seventh Generation Energy Systems
- Sierra Club – John Muir Chapter
- Union of Concerned Scientists
- United Steel Workers
- Uriel Wind, Inc.
- Wausaukee Composites
- Wind Wisconsin
- Wisconsin Agribusiness Council
- Wind Capital Group
- Wind on the Wires
- Wisconsin Commercial Ports Association
- Wisconsin Environment
- Wisconsin Farmers Union
- Wisconsin Farm Bureau Federation
- Wisconsin Industrial Energy Group
- Wisconsin Laborers' District Council
- Wisconsin League of Conservation Voters
- Wisconsin Manufacturers and Commerce
- WPPI Energy
- Wisconsin State Council of Carpenters
- Wisconsin Utilities Association
- Xcel/Northern States Power-Wisconsin



# WISCONSIN STATE LEGISLATURE



## Health Effects We Feel From Living Near Industrial Wind Turbines

13 year old son -: Can't sleep or interrupted sleep, headaches, tells us and teachers "It feels like my head is spinning 100 miles an hour. In general more anger than in the past.

wife:- Headaches, lack or loss of sleep – often up in the middle of the night to read and try and get tired again due to either direct sound from the turbines or low frequency noise not heard but felt by the body. Ringing and buzzing in the ears, quivering in the chest.

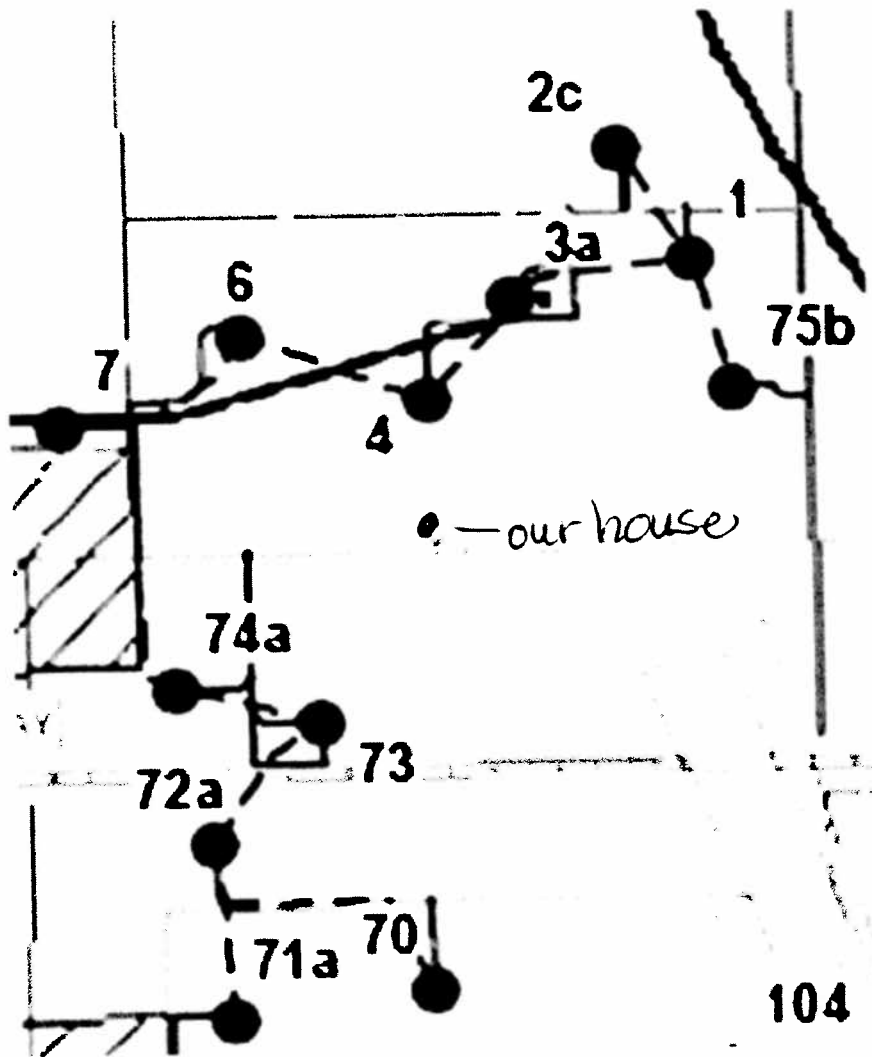
Gerry: -Tenseness, anxiety, occasional headaches (in the past rarely got headaches), light headed, unusual feeling in the base of the neck, nausea, anger (that elected officials have allowed this to happen) (anger from the constant sound), lack of motivation, tired most of the time, having trouble remembering names and facts, lack of feeling happy, not dreaming at home. Only dream when away from the wind farm which would show not getting into deep sleep or REM sleep.

Our dog – He will walk down the sidewalk and look at the turbine because of the noise. I have commented to my wife and oldest son that "Trigger is acting like an old dog (he is 7) he walks around slow, sleeps a lot and does not have much motivation". When I finally admitted and wrote down my motivation issues I realized our dog was experiencing the same.

This is due to five industrial wind turbines being erected within  $\frac{3}{4}$  of a mile from our home. One is 1560', one 2480', one is  $\frac{3}{4}$  of a mile and 2 are  $\frac{5}{8}$  of a mile. Sometimes the first three mentioned are equal in sound and can be heard inside the house sometimes in all rooms. Some say, "You can hear the train or you can hear traffic and that is not a problem". That is correct. That is not a problem, but the large, loud wind turbines emit a different sound, a constant sound that does not go away and a low frequency sound that penetrates the house and body that sometimes the body does not consciously hear, but feels. In addition there are times when I hear a turbine to the east that is  $\frac{7}{8}$  mile away and one straight south that is one mile away.

You maybe know of Dr. Nina Pierpont. <http://www.windturbinesyndrome.com/> . Most of the symptoms listed above we were experiencing before we even knew of Nina and her work

Gerry Meyer  
W6249 County Road Y  
Brownsville WI 53006-1103  
920 583 4355  
gcmeyer@fastbytes.com



This map inset would be at the top right of the whole project map. The red dots are the current turbine locations. My house is about where the upper left leg of the Y in the box is. Turbine # 4 is 1560' from my house. Turbine #6 is  $\frac{3}{4}$  of a mile. Turbine 3a is an unknown distance but is just beyond and east of turbine #4 about  $\frac{5}{8}$  of a mile. Turbine 73 is 2481' from my house and turbine #74a is  $\frac{5}{8}$  of a mile. I hear all five of these turbines with numbers 4, 6 and 73 being the loudest. Sometimes I hear turbines 75b which is about  $\frac{7}{8}$  of a mile east of 3a and sometimes turbine 70 which is 1 mile south of my house.

Gerry Meyer  
 W6249 County Road Y  
 Brownsville WI 53006-1103  
 Phone 920 583 4355



**Docket 9300-CE-100  
Current Project Layout Map**



TOWN OF OAKFIELD

Oakfield

TOWN OF BYRON

See Notes

*inset area*

FOND DU LAC CO

DODGE CO

Brownsville

TOWN OF LEROY

Lomira

**Horicon National Wildlife Refuge**

Two-Mile Setback Distance From Current USFWS-Owned Properties

**Current Project Layout**

- ▲ Current Alternate Sites
- WTG
- Current Access Roads
- - - Current Collection System, Feeders
- 06/02/05 Turbine Locations
- 06/02/05 Collection System
- 06/02/05 Access Roads

**Horicon Marsh Wildlife Area**

Ke

**Legend**

- Private Airport Approach Surfaces - No Wind Turbines Without Consent of Airport Owner
- Private Airport Upwind Turbulance Buffer Areas - No Wind Turbines Without Consent of Airport Owner
- Forward's Voluntary Exclusion Areas - See Notes Below
- Current Properties Owned By USFWS and Operated As The Horicon National Wildlife Refuge
- Two-Mile Exclusion Area From The Current Boundary of Horicon National Wildlife Refuge - No Wind Turbine Installations
- Project Boundary

**Notes:**  
No project facilities within the exclusion area along the Niagara Escarpment.  
No wind turbine facilities within the remaining exclusion areas.

Map revised 4/14/08, based on GIS data provided 11/28/07

## **Wildlife-How Industrial Wind Turbines Affect Them**

January 31, 2009

This of course is not a scientific study. It is just from daily living inside an industrial wind farm and the affect it has had on wildlife on our property and others in the Town Of Byron area here in Fond du Lac County, WI. We used to see 16 to 20 turkeys if not every day every few days before construction of the industrial wind turbines began. Now that construction has been completed and since March 3<sup>rd</sup> of 2008 we have seen ONLY one turkey.

The same goes for deer. We used to see on a regular basis a deer or two down our lane behind the house or in one of our two gardens. We have 6+ acres of land with over 3 acres in heavy pine trees and an acre of wild flowers. That is pretty good habitat for deer. We have not seen a deer or deer tracks on our property since construction began.

Our neighbor, Dave C, across the road bought 40 acres when our neighbor discontinued farming. Part of that land has woods on it. Dave's father many years ago built a hunting stand on a corner of the woods in a tree and shot many deer from it. I later used that same stand and now Dave hunts from that very same tree. This year he saw no deer from that hunting stand. The only thing he saw was shadow flicker from industrial wind turbines and the annoying sound from those same turbines.

Another neighbor, Greg B, whom I have known since a child has a 19 acre woods between turbines 6 and 7. He used to feed the deer from his back yard deck. Since construction of the wind turbines began he has not seen any deer accept on opening day of deer hunting in November of 2008. Three deer were being chased and they ran through his yard.

At a town hall meeting today (1-31-9) with state senator Joe Liebham with about 80 people in attendance I mentioned this (not seeing wildlife) and I heard many yeses and agreeing head nods.

We don't see and hear the song birds like we used to at our feeders. If the turbines are turning we no longer hear song birds. A friend, who also lives in the project, recently told me he no longer sees the hawk that used to hang out by his home. We don't see kestrels or hawks and I no longer hear the owl that would frequent the woods adjacent to my property. Yes, there definitely is an affect on wildlife when industrial wind turbines take over the neighborhood.

I feel this is an important fact to know about and be publicized

Gerry Meyer  
Brownsville WI

## Wind Turbine Noise

I live at Brownsville WI in the Forward/Invenergy industrial wind farm near South Byron. Turbine #4 is 1560 feet behind my house. Turbine #3a is about 500 feet mostly east and a little north of turbine #4. Turbine #6 is about  $\frac{3}{4}$  of a mile to the northwest of our home. Across the road mostly south and slightly west is turbine #73 and across the road at 2480 feet, down the hill to the west is turbine #74a which is about  $\frac{3}{4}$  of a mile away. We can hear all 5 of these turbines at various times, sometimes all at the same time. I can add that 75b is  $\frac{7}{8}$  mile to the east and 70 is one mile straight south which we also hear at time.

March 3- Turbine 4 turning slow for the first time. 10PM I went out to check the fire and I looked up in the sky to try and see the jet flying over. It was not a jet but the turbine.

March 6- Same sound at Wed. 3<sup>rd</sup>.

March 7- turbine sound. Robert our 13 year old complained of a headache. He had not been told Headaches being one of the side effects of turbine noise. My wife and I were concerned about how the turbine noise would affect him. He has become our son via social services with many problems. His ears are like that of Radar on MASH. He hears sounds before we do such as fire department sirens.

March 8 Saturday AM. Loudest sound so far. Like jet in sky with a whoosh to it.

I have not written every day. That does not mean the turbine sound is not there. I feel we may never have peace and quite ever again. We can only hope there are days with no breeze.

March 10- 5PM sounds like a high flying jet.-10PM Low flying jet. At 10PM loudest I have heard it. Robert still has headache.

March 18 - #4 not turning but could hear whoosh of #6.

We hear the turbines daily so if there is no record that does not mean there was no sound.

March 25 - Could hear whoosh of 3a, #4 not turning at 4:45PM. At 5:30PM #6 turning with jet sound with whoosh of turning blades.

Our son Robert is a foster child we adopted with lots of issues which are mostly behavior, but also include mental problems. If we just stopped by to talk and you interacted with him you would not know, but tick him off and you would see it. He is like Radar on MASH in that he usually hears sirens before we do. Cheryl was concerned about his health when talk began about turbines and then we received information about health issues. Robert does not know about the health issues from us or anyone talking about them. Soon after #4 began turning he had a bad head ache. It lasted about 4 days or he mentioned them for four days. At school there is a complicated way to help Robert try and behave and do his school work. He does not focus and is angered easily. So there is a level system with level 4 being the best and level 1 he is in solitary confinement and can not go to his regular classes. Level 3 he is in the special ed. room with other students. Level 2 he is in the special ed room but kept from the other students. In levels 3, 2 and 1 he does not go to his normal classes with his peers. For about 2 weeks he stayed at level 4. After the turbine began turning and the head aches he has now gone to level 1. I should also say he can only go up or down one level in a day. Since Wednesday he has told teachers, the principle and us that his head is spinning and in some cases tells us that his head is spinning 100 miles an hour. I would guess it has a connection to his behavior at school. Sometimes we can hear the turbine while in our house.

March 26- #4, 3a & 6 running. Can distinguish between 3a and 4- je sound with whoosh.

March 27- fairly quiet.

March 28 - not much wind. Slow turn with not much noise.

March 29 - Wind from SE. Jet sound with only slight wind.

March 30 - Turbines around us not running much.

March 31 - 6AM Jest sound. 10PM fog, drizzle with whoosh sound.

April 1 - Wind NW 14mph. 6:15AM #4 not running. I hear #6 with jet sound. 2:30 PM tower #6 still very loud.

April 2 - 6AM. Wind from SW. #4 jet sound. Now hearing #73 and 74a as they have come on line. In the afternoon #74a is loader than 73.

April 3 - 6AM some sound from #4.

April 4 - 6AM #4 turning slow, no wind. 11PM #4 and 73 loud and sound like jet going over.

April 5 - Robert could not sleep and was up at 1:30 AM. I sent him back to bed and went to our family room in the north end of the house. I could hear turbine #6 (from inside our house. Remember

- that turbine is  $\frac{3}{4}$  mile from our house. I turned on the TV (low sound) and could still hear the turbine.
- 7:30AM. Definitely that jet sound from #4. Can also hear #'s 3a, 6 and 73. I had a brief unusual feeling in my head somewhat like when one get off a roller coaster. This was around 11AM. This is the loudest the sound has been since March 5<sup>th</sup>. At 11PM still that jet sound⊗
- April 6 – 6:15AM. Wind from S #'s 4, 6, 73 and 74a all turning. Jet sound as soon as I went out the house door. 9AM #'s 6 and 73 loudest. 10PM #4 quite loud. Saturday has been the worst day so far.
- April 7- 5:30 AM Can hear the turbine easy. 10PM Quietest in 3 days.
- April 8 – Drizzle and not many turbines turning at 10PM. #4 some sound.
- April 9 - 6AM Cheryl told me she had a headache Friday through Monday with turbines turning. She had no headache Tuesday. Turbine was not turning. This morning she told me she has a headache and asked me if the turbine was turning. Yes it is.
- April 10 – Fairly quiet today.
- April 11 – 6AM Could hear the whoosh but turbines were hidden in the fog. 3PM Loud, jet sound with Strong S wind.
- April 12 – 7AM #4 jet sound with whoosh sound. At breakfast asked Robert if he could hear the turbines in the house. "Yes, and I hear them in my room", he said. "Some night I can't sleep". His room is upstairs on the SW corner of the house. As I sit below his room (inside the house) I can hear the turbine at this moment. 9:30PM #4 not running, however I can hear the jet sound of #6.
- April 13 – 6AM #4 jet sound. Light wind but can hear #6. 10PM #4 turning but sound is quiet.
- April 14 – 9AM No turbines going and all is quiet. Very nice. No sound, like that of the plane grounding after 9-11. All 86 turbines were still. Thought there must be problem. Late afternoon they began turning again. By 10PM the noise of the jet flyover was back.
- April 15 - Turbine #4 not turning. #73 is loud. I could hear it in the house. I felt something unusual at the base of the back of my neck. Too loud. 3PM #4 turning. My wife says the sound, "Is loud". It may have happened before, however today is the first day that I noticed that our dog stopped while walking from the house about 20 feet down the sidewalk to look North at the turbine.
- April 16 – During the day the wind is strong. The weather man says the wind will be 25-35 miles per hour. So strong that I don't hear the turbines very much. From 6PM to 10PM the turbines were loud. I could hear #'s 4, 73, and 74a. Jet sound or like waiting for two trains to crash. We house a 360 (cubic inch) sprint car at our house. Tonight it was run for the first time this year. One of the guys mentioned he could hear the turbine (#4) over the sound of the race car engine while it idled. He was standing between the tire and the engine or right next to the engine. The car has no muffler. Earlier my wife said she worked outside all afternoon in the wind and her ears were fine. When the wind died down and could hear the three of the turbines her ears hurt. She also mentioned the whooshes between turbines were out of sync. It is 11:27 PM. I am at the computer and can hear #73 from inside my house with no windows open. When I went to bed my head felt "different". I felt lightheaded or dizzy with my stomach not feeling quite right as well. We had spent much of the evening raking leaves and cleaning the yard.
- April 17 - Jet sound some of the day.
- April 18 – Fairly quiet.
- April 19 – Wind from the North very slow so the sound is quiet.
- April 20 – There is a little wind, sound fairly quiet jet sound at 6AM
- April 21- 6AM. The sound had been quiet over the weekend. Now it is back to it's irritating sound. 10:30 PM can hear #73 like a train winding down the tracks. #4 sounds like a jet flying over. Only a slight wind on the ground.
- April 22 – 6AM some sound. 3PM, sounds like a train. Could also hear # 73. 10PM like a train under a load pulling a load of heavy cars up the Byron hill. That hill is about 2 miles away.
- April 23 – 5:30AM Slight jet sound. 5:30PM. I can hear turbines 73 and 4. 10:00PM #4 back to full

Jet flying over sound. When we went out at 10PM our dog stopped near the end of the sidewalk to look toward the turbine. He has done that about 4 times now.

April 24 – 6:00AM I can hear #73 louder than #4. 3:30 PM it is windy. I can hear turbine sound inside the house.

April 25 – 5:30AM I can hear turbine #4 while it is hidden in the fog and #73 is louder. 4:00PM, I am sitting at the dining room table reading the paper and can hear turbine #4. We have a well insulated home with vinyl siding, one inch Styrofoam, one inch sheathing boards and 3 7/8 inch studs with R13 fiber glass insulation. I feel like I am sleeping good yet I am tired and feel exhausted during the day. We went to a play, Big, the Musical, Friday night and I walked out before intermission because I was falling asleep. It was not just closing my eyes and dozing a bit, but putting my head in my hands and sleeping. Could this be turbine related? 10:30PM some sound.

April 26 – Windy. 7:00PM #4 not turning☺ It has been a windy day. 8:00PM, The wind is from the West. There is a loud jet sound. 10:00PM, I can hear turbine #'s 4, 6 and 73. #6 is the loudest, but furthest away. This is very annoying.

April 27 – 6:00AM, I have not been outside yet, however I can hear the turbines while sitting at the computer. 6:15-7:45AM I was working in the yard and can hear turbines # 4, 6 and 73. #6 is the loudest. Remember that turbine is ¼ mile away. 9:30 PM, Peace. The turbines are not turning☺

April 28 – Quite peaceful today☺

April 29 – 6AM. Turbine turning slow with little sound. 3PM Turbine not turning. It has been a peaceful today, however now, 10:30 PM turbine #4 is back to its rather loud sound, somewhat like a large train engine under load with the whooshing sound of the blades. It is midnight and I can hear #4 from my dining room☺

April 30 – 5:30 AM low noise. 3 PM. Moderate noise. 9:30 PM. Jet sound our like having your car window open 1/8" while driving down the free way... annoying.

May 1 – 6 AM. Fairly quiet

May 2 – 6 AM. Not much sound. 3 PM. Louder. 7 PM. Wind is from the south or a little south west. This is the loudest sound in 3 or 4 days. We can hear turbines 4, 6 & 73. Number 4 sounds like a jet flying over, number 73 a deep sounding thunk. Sitting at the computer at 11 PM. I can hear turbine sounds. Our oldest son (age 33) said, "When it is calm it sounds like the generator humming. When it is windy I hear air going through the blades".

May 3 – 6 AM. I have not been outside yet this morning, but I can hear turbine #4 or #73 (or both) while in the house. Someone chose 50 db of sound as being a standard or OK or as an acceptable sound level. What ever the level by whom ever it was this is not acceptable. 5:30 PM. Loud jet sound. I can hear turbine #4 from our mailbox which is another 150' added to 1560' and the length of our house. Weekends seem to be loud. I can hear low sound of #4 inside the house. 11 PM. Loud jet sound. I can hear #4 and #73.

May 4 – 7AM. Turbine is turning slow and quiet. 12:30 PM. 30' from the house door turbine #4 sounds the F16's flying over at the NASCAR race at Brooklyn, Michigan. I can also hear the sound in the house as I write this. I can also hear turbine #73, keeping in mind that 73 is 2480' away from the house. Does that suggest that the 1000' or 1800' is not enough set back from the turbines that energy companies and the PSC make little or no noise? It sounds like a political campaign: Tell the lies now and hope the constituents forget or deal with reality later.

Tonight turbine #73 and #4 seemed to be fighting with each other. They both are loud. I walked closer to turbine #4 so that I was 1350' away. That meant I was 2690' from turbine #73. That 100' more than half a mile away and it was louder than turbine #4. The wind at ground level was straight from the S-SW. In the inside front of the house I can hear turbine #73. In my family room in the back of the house (56' long) I hear turbine #6 or #4. It is not the sound of a jet flying over or a whoosh, but more like hearing your heart beat with a stethoscope.

May 5 – 5:30 AM. Same sound as last night. 6:30 PM How nice. It is calm and all the turbines are still. The robins and cardinals are happy too☺ I hear them chirping. I had not noticed them when

the turbines are loud. I will pay closer attention to listen for that in the future.

- May 6 – 5:15AM. I can hear turbines 4 and 73 quiet loud. 4:30 PM. Turning quietly. 11:00 PM. I have the kitchen door and combination door open. It is loud with the two turbines sounding like they are fighting to see who can win at being the loudest. 11:30 PM. I am sitting by the computer. I can hear turbine #73 grinding away. Remember that one is 2480' away from the house. Usually I get past the large pine tree 30' from the house before the sound gets my attention. Tonight the turbine sound was loud on the porch just outside the house door.
- May 7 – 6:15 AM. Again the loud sound right outside the door. For the people that say "Oh, you will get used to it", you are wrong. The sound is getting more aggravating and annoying. 3:20 PM. I have been neglecting turbine #6 for a while. I won't today. At the moment it is louder than turbine #4. In case you don't care to go way back to the beginning of this log turbine #6 is about  $\frac{3}{4}$  of mile away or about 3960' away + or - a few feet. That would give the impression that a 1000' set back approved by the WI PSC is certainly insufficient and inept. 11:15 PM. Turbine #4 is moderately grinding away☹ Our 13 year old son had some late school work to do. He went to bed at 10:00PM. He should be tired. At 10:40 he came down stairs and to our bedroom where I was talking on the phone. He had an over sized piece of paper that he had drawn a picture of a wind turbine. Yes, he should have been sleeping, however he couldn't sleep. He had opened his window because it was nice outside and could hear the turbines #73 and #4 from his open window. Probably turbine #73 because that window faces the south toward turbine #73. He also had a headache. This morning at the table for breakfast he also complained that he still had a little bit of a headache.
- May 8 – 5:45 AM. Turbines are slow moving and quiet. 10:00 PM. Quiet.
- May 9 – 6:00 AM. Only a few of the 86 turbines are turning. From somewhere on my property or the center of the road I can see all 86 of turbines in this wind farm. It is very peaceful and quiet. 10:30 PM. Peaceful and quiet☺ It is rare.
- May 10 – 6:30 AM. Turbine #4 is turning slow. I can hear the turbine while walking in the back of our property. 11:30 PM. I can hear #73.
- May 11 – 7:30 AM. My wife did not sleep well last night. The turbines are not very load at this time. 12:15 PM. to 5:00 PM. The wind is from the north with the sound of a jet flying over, very annoying. 9:30 PM. I can hear the beating sound of turbine #4 while sitting at the computer. 10:20 PM. The turbine is loud and violent, ripping through the night sky. Late this afternoon I took a pain killer for my head ache. I can't think of when I took a pain killer for a head ache. At least a year as it is extremely rare for me to have a head-ache. I did not sleep well. This has happened several times when hearing the turbines from inside the house.
- May 12 – 5:30 AM. Moderate sound. 4:45 PM. I can hear turbine #4 over road traffic in front of our house. 11:00 PM. Jet sound.
- May 13 – 5:20 AM I am sitting in the bathroom and I can her turbine #73 from in the bathroom. 6:15 AM. I am walking in the yard and can hear a number of the turbines. I walked away from #73 toward #4. When I was about 2737' from turbine #73 it is still very loud, but now is close to the sound of #4. 3:30 PM. Turbine continue to be loud. 4 to 7 PM. I worked in the garden. There were times when it sounded like a Chinook helicopter doing heavy work. Very loud. 9:00 PM. Turbines #4 and #73 are ripping through the sky. At times #73 is loud like blasting in a stone Quarry. A loud pounding sound. I hear them while at the computer once in the house.
- May 14 - 6 AM. Loud. Turbines # 4 and 6 are pounding. 3:30 PM Turning but not loud. About 4:10 PM #4 to a different direction and is quiet. I could hear #6. 10PM. Moderate sound. My stomach has the feeling of being full and slightly sick.
- May 15 – 7:00 AM #4 turning slow and quietly. Today was a fairly quiet day☺
- May 16 – 7:00 AM Very slight wind with low noise. 2:00PM slight wind form south west. Grinding or humming sound. 3:35 PM The wind is picking up and so is the turbine sound. I can hear #'s 4, 6 and 73. I just came in the house and can hear #4 or 6 from inside our family room☹ 4:00 to 7:30 PM I worked in my garden planting vegetable seeds. Turbine #4 is about 1390' north of the garden. It was extremely annoying. I am on edge or angry from hearing for such a long

time. I still have the full, sick feeling in my stomach. I did not eat since breakfast and until now coming in the house and was not able to eat the stir fry I had prepared. I only ate about half of it. No, I did not make two times what I can eat. I made less than normal because my stomach was not at 100%. I still hear turbines # 4, 73 & 6. My wife came out to the garden after checking out our flower gardens and said. "I don't say much but tonight I have a headache from hearing the turbine sound and have to go in the house". 11:50 PM Still loud and can hear the turbine sound in the family room. I opened the kitchen door and was "hit" with the jet sound.

- May 17 – 7:00 AM Wind is from the NW. Turbine #4 quite as loud as last night. 12 PM to 5:30PM I have been working in our garden most of the afternoon. This used to be fun and especially relaxing. It no longer is because turbine #4 is 1390' from the garden and spewing out it's sounds. As the day went on I got very tense and agitated over the constant, annoying sound emitted from the turbine. 7:00 PM. Got home from Fond du Lac. Moderate sound. 11:50 PM I walked out the kitchen door and was hit with turbine sound.
- May 18 – 7:00 AM Wind is from the NW, very calm on the ground. Moderate turbine sound. 8:20 AM My wife just told me she can hear a turbine from the dining room. This is over the sound of the refrigerator running which is 15' away. 12:00 PM. We can hear with visiting guests turbines 4, 6 & 73 from our driveway. 7:00 PM. Fairly quiet. My stomach feel good enough to eat more than the past four days. 10:30 PM Calm wind low groaning sound from #4.
- May 19 – 5:15 AM Fairly quiet. 4:10 PM Low sound. 10:00 PM I can hear low humming sound of #4. Today is the quietest day in a while☺
- May 20 – 6 AM Fairly quiet. 3:45 PM Moderate sound. 5:30 PM I am leaving for a meeting. Our son said, "Dad I have a bad headache". I said, "Is it from a bad day at school"? His reply, "No it is from the wind turbine". When I got home at 10:30 the turbine was humming. My wife said our son had a headache and was down at 9:30 and wanted more Tylenol. My wife had given him Tylenol at 5:30 and told him she could not give him more as she had to wait until 6 to 8 hours had elapsed from the first dose. He immediately said, "I'll be down in two hours". Keep in mind he has learning difficulties in school. That simple math problem for us would normally not get such a quick response from him. He also said he can hear the turbine from his room.
- May 21 – 6:00 AM Jet sound. 3 to 5 PM I planted peppers in our garden. I can hear #'s 4 and 6. It is a very annoying and irritating sound.
- May 22 – It is a few days before Memorial Day and all through the land, not a turbine was stirring making wildlife grand. That was written to the sound of "T'was The Night Before Christmas". It is quite peaceful and is amazing the cardinals, orioles and other birds are excited and singing. I have noticed that when the turbines are not turning or are very quiet I hear song birds. I think it has an effect on them as well. 4:00 PM Turning slow and quiet. 10:15 PM Not turning:☺
- May 23 – 6:15 AM Turning slow and quiet. Almost no wind. 4:40 PM Slow and quiet. 10:00 PM Slow and quiet. 12:00 AM Jet sound.
- May 24 - Sometime in the night my wife said, "I can't sleep". She got up and read a book for 45 minutes until she got tired. She came back to bed and couldn't sleep. 6:15 AM I can hear #6 from the bed. 2:15 PM Loud and annoying. We are leaving for our cabin.
- May 25 – 12:30 PM. I am angry. We just got home from our cabin in Waupaca county. The first thing we heard when we opened the car door was turbine #4 ripping the sky apart. It is loud and violent. I am at the almost constant sound of the turbines it being the first sound we heard when we got home. The other "anger" is being tense or on edge while we are outside, or even inside from hearing this aggravating sound on almost a 24 hour basis.

At our cabin I get up early and go out with my camera looking for deer and their signs of movement in our woods as well as other wildlife. It is so peaceful and quiet there. When I got back to the cabin my wife had just gotten up. The first thing she said was, "This is the first night in weeks that I slept all night". This is on an old wore out bed that we brought from home after years of use.

- 6:00 PM Turbines 4 and 73 sound like they are fighting to see which is the loudest and strongest and ripping the sky apart. 9:00 PM The loud aggravating sound continues. 11:00 PM When we turned the TV off to go to bed we could hear #4 from our family room.
- May 26 – 6:30 AM The loud sound continues. 12:00 PM Still loud jet sound. 5 to 8:30 PM I worked in the garden with #4 very loud. As I planted pepper plants I found I got more tense, annoyed and angry as time went on with the loud turbine sound all around me. Yes, from #73 across the road too. I have a slight headache. I rarely get headaches. 10:30 PM Wind direction has changed and sound not quite as loud.
- May 27 – 5:15 AM Jest sound from #4. 4:45 PM I can hear the turbines while we are in the yard loading our truck. 10:30 PM Fairly calm. Can hear the hum of #4.
- May 28 – 5:30 AM No breeze. #4 moving quietly. Much of the day the turbines wer not turning even thought there was wind? 10:30 PM Turning slow with quiet hum.
- May 29 – 6:10 AM # 4 turning slow, however I can hear it in our dining room. Much of the day most of the 86 turbines were not turning. 4:30 PM slow and quiet. 12:00 midnight I just got home form a wind turbine planning meeting. The first sound I heard while still in my garage was the jet sound of turbine #4.
- May 30 – 6:30 AM I can hear #'s 4 and 6 with the jet sound. 2:50 PM I got our of my car and I can hear the jet sound of #4. 4:25 Jet Sound. 6:15 Annoying jet sound. 10:35 PM Jet sound cutting through the night.
- May 31 – I woke up with a headache. 5:45 AM I can hear the jet sound of #'s 4 & 6. 9:50 AM Turbines 4 & 6 are loud (jet sound) and annoying. I will try gardening again. 5:10 PM I can hear #4 while sitting at our dining room table. 6:40 PM Jet sound. 10:25 PM Slow humming sound.
- June 1 – I woke up at 2:00 AM and 4:15 AM last night kind of anxious. 7:15 AM There is absolute silence. Not of of the 86 turbines are turning. WOW! What peace© 3:00 PM Some turbines are turning. 8:15 PM Most of the turbine blades are set as not to turn. No wind, calm.
- June 2 – 5:30 AM Almost all of the turbines are not making electricity. (translation-The turbines are not turning). 4:30 PM Turbines that are turning seem to be going slow. Turbine #4 is giving off only a hum. 8:00 PM The wind is from the east. Quiet. 8:20 PM Wind from SW. Turbines moved to new direction and now the jet sound is heard. 10:20PM Wind N and now quiet
- June 3 – 6:00 AM Fairly quiet. Our 13 year old son complained of a headache at breakfast. I asked why. He replied, "The wind turbines". 3 PM Turbine #4 not running but can hear #3a in it's place. 10:30 PM Fairly quiet
- June 4 – 6AM foggy. Can't see the turbines. Quiet. 3:30 PM Still foggy and only a hum from #4. 10:00 PM Quiet from #4.
- June 5 – I woke up at 4:45 AM to loud thunder. I had been awake for 1 ½ hours when I woke my wife up. She said "The turbines keep me awake yet I can't wake up in the thunder storms". 6:15 AM Slight wind and sound. 4 PM Turning slow and quiet. 8:15 PM I checked the garden and annoying hum from turbine 4. 10:35 PM The wind has picked up and I can hear # 4 and 73. 10:55 PM I can hear # 73 at the computer. The computer is in the house. Turbine 73 is 2480' away from the house.
- June 6 – 3:40 AM Loud jet sound from our porch from both turbines 4 and 73.

Gone on vacation for 3 days

- June 9 – 5:00 PM We just returned from the airport. The first sound we heard getting out of the car was turbine #4. How annoying and aggravating. 10:10 PM I hear turbine 4 and 6
- June 10 – 6:10 AM fairly quiet. 1:40 PM not turning. 2:55 PM Wind sw. Loud jet sound. 5:10 PM The jet sound continues. 7:30 PM Still the jet sound. 10:20 PM Jet sound is still loud.
- June 11 – 6:10 AM I can hear turbines 4 and 6. 5:10 PM Windy and I can hear #'s 4 and 6 like a jet flying over. 11:10 PM. Still loud and I can hear turbines 4 and 6
- June 12 – 5 to 7 AM. Turbines 4 and 6 are like a loud jet flying over.



Soon we are leaving for the NASCAR races in Brooklyn MI. The cars are loud but much better to hear than the constant sound of an industrial wind turbine.

- June 16 – 1:20 PM We just returned home from 4 ½ days in MI. The very first sound I heard when opening the truck door was the jet sound of turbines. Specifically turbines 4 and 6. Turbine # 6 is ¾ of a mile from our house. How depressing and sad this has to take place day after day. 2:45 Still the jet sound 5:30 PM Still the loud jet flying over sound. 9:30 PM Still the annoying jet sound.
- June 17 – WE woke at 5:15 AM. The first words my wife said was “I have a bad headache”. When I went out at 5:40 AM I knew why. Turbines 4 and 6 were loud with the jet flying over low sound. The wind was from the NW. 2:10 PM Loud jet sound from #'s 4 and 6. Just a reminder turbine 6 is ¾ of a mile away. 9:00 PM I went to the garden and turbine 4 (1350' from the garden) is terribly loud and aggravating. 9:20 PM Neighbor GB called and talked for 30 minutes about his anger, frustration and is just beside himself over turbine # 6 1000' to the east of him and turbine # 7 1000' to the west of him.
- June 18 – 5 AM I woke up this morning feeling great and upbeat. I walked out the door at 6 AM and not one of the 86 turbines was turning. I feel that had something to do with how good I felt when I got up with out knowing the turbines were turning. 4 PM Quietly turning away but audible. 10:30 PM Low volume jet sound
- June 19 – 5:10 AM Much louder sound than yesterday. Wind from straight sw. This really is intruding on our health, well being and quality of life. How sad and what can we do about it? 2:15 PM I can hear turbines 4 & 6. 800 PM Most turbines stopped-no wind.
- June 20 – 5:10 AM Not turning. We were gone for the day to a wedding. We got home at 11:20 PM. nw wind. Turbine 4 whoosh sound.
- June 21 – 6:00 AM Wind from W. I hear turbines 4 & 6 ripping through the sky. It would not be a good time if we had a yard party. Of course you remember turbine # 6 is ¾ mile away. I would say this morning's sound is like if you had your house built and were living in side and industrial park with a metal stamping plant on two sides of your home. 11:10 PM I just got home from an all day wedding. The first thing we hear upon arriving home is turbines 4 & 6⊗
- June 22 – 6:10 AM Almost no wind. The turbines are turning slow with only a hum for sound. 2:15 PM I am working in the back garden. I can hear turbine 4. 10:20 PM Turbines turning slow & fairly quiet
- June 23 – 6:10 AM Foggy and no wind. 9:10 AM Light nw wind but can hear turbine 4. 12 noon. Turbine 4 with some noise with the whoosh. Today at noon we had legislative visitors:  
Rep. Phil Montgomery  
Rep. Kevin Petersen  
Kristin Ruesch and Waylon Hurlburt-Office of Rep. Montgomery  
Amber Hodgeson - Office of Sen. Jeff Plale  
Kevin Brady - Office of Sen. Roger Breske  
They were sincerely interested in the sounds we are experiencing and gave us some ideas on information we could provide and how to do it to help our situation. Also in attendance Larry and Curt other effected neighbors as well as Bob and Ron concerned leaders in safe setbacks. 6:20 PM Most turbines are stopped. 11:30 PM Wind from south not too strong yet I can hear a vibration sound as I work at the computer.
- June 24 – 5:10 AM The first thing my wife said is “I have a headache”. I feel it is connected to the Sound and or vibration I felt last night before going to bed. Wind from SW. Light wind but I hear easily the turbines. 1:50 PM Wind SW. Turbines fairly loud, low jet sound. 10:55 PM I can hear Turbines 73 & 4. Stronger jet sound than earlier.
- June 25 – 5:10 AM Turbine #4 turning, but slow and quiet. Wind from S and light. 5:00PM. Turbines 4 & 73 moderate sound. 6:10 PM Turbines 4 & 73 Jet sound. 1:00 AM Turbines 4 & 73 loud jet Sound. I can hear #73 at the computer. Wind is from S-SW all day.
- June 26 – 6:10 AM Quiet. 5:10 PM Wind S-SW Fairly quiet. 10:20 PM I can hear turbines 4, 6 & 73.
- June 27 – 5:10 AM I can hear turbines 4 & 6. Remember turbine #6 is ¾ mile away from my house.

2:30 PM Moderate sound 10:40 PM wind from S and can hear turbines 4 & 73 like a loud jet flying over with a whoosh sound to it. 12:30 AM Turbines 4 & 73 sound like a Chinook helicopter ripping the night sky apart. This is a very loud jet sound. I can hear turbines 4 & 73 at my computer and turbine # 4 in our family room with the TV on ☹️ Keep in mind our home is well insulated with a full 4" studs with R 19 fiber glass in the walls, full 1" sheathing board and 1" Styrofoam. How would the sound be in other house with out all the trees surrounding the home like ours has?

June 28 – 6:20 AM Slight wind from the W. The sound is not very loud this morning. 8:40 AM Wind W-SW with a loud ripping sound through the air. 6:20 PM Wind SW moderate sound. Even as I stopped the car to pull today's mail from the mail box at home. I could hear at least one turbine. That is with the car running and the radio on. Does this seem acceptable to the PSC and other regulating bodies. I beg to differ if they do. We have been to Madison all day watching the ultimate Frisbee tournament part of Badger Games. Yes, we heard noise. Jets flying over, the tracks of bulldozers doing UW construction and the Flight For Life helicopter coming and going from UW Hospital. Those sounds are nothing compared to being surrounded by industrial wind turbines tearing the sky apart generally 24 hours a day. As I got out of the car I could hear turbines 4, 6 & 73 making a loud jet sound fighting hard to see which one could be the loudest. I have written before this almost constant sound gives me two forms of anger. Anger that our lives have been intruded upon by these loud, inefficient industrial machines and the anger of tenseness and anxiousness. 9:30 PM The sound is still a fairly loud jet sound. 11:50 PM More quiet.

June 29 – 6:50 AM Very loud jet sound from turbines 4, 6 & 73. 12:15 PM Still loud like a jet flying over. Very bad. 6:45 PM Fairly quiet. 11:35 PM Loud jet sound. I hear turbines 4, 6 & 73. The energy company people say with the new technology you only hear sound from one side of the turbines blades or head. I don't remember which side it is and I can not tell because I hear the turbines from the north, south and northwest all at the same time so it must be another misrepresentation as is the fabrication that turbines make no or very little noise.

June 30 – 5:20 AM This is a quiet morning. 11:10 PM Slow and quiet.

July 1 – 6:10 AM Slow movement and quiet sound. 1:50 PM Much louder. 5:10 PM moderately loud jet sound. 10:15 PM I can hear #4 loud #'s 73 & 74a loud enough to hear while walking the dog

July 2 6:15 AM Very loud jet sound from turbines 4 & 73. 7:45 AM My wife called me at work to tell me that SV our neighbor on the road behind us (we share turbine #4) called us to say "Last night was a night from hell". Translated that means the turbines were terribly loud. 3:40 PM Turbine 4 sounds like a jet flying over. 6:10 PM Our 13 year old son ate slow and very little. We asked him many time to eat. Finally with tears in his eyes he said "You don't know what I am going through with the turbines". 9:20 PM N wind I can hear turbines 4 & 73 equally and loud. Turbine 73 is 2480' away. Tonight I think I can hear turbine # 70 which is one mile away. I went for a walk tonight. I could hear wind turbines the whole 45 minutes of the walk which caused the walk to be not very relaxing.

July 3 – 6 AM Moderate sound from turbine 4. 4:10 PM Whoosh, whoosh, whoosh ☹️ 11:35PM Fairly quiet. Went to Town of Magnolia Town Board Meeting where they adopted a wind ordinance ☺️

July 4 – 6:50 AM Not turning. What a nice beginning to the 4<sup>th</sup> of July. 2:10 PM Quiet. The turbine heads have been stopped most of the day, but have changed directions a few times. 11:20 PM Turning but slow with loud hum.

July 5 – 6:55 AM very little wind from SW. Turning slow and quiet. 8:30 AM to 4:00 PM. Today was a fairly quiet day. There was very little wind. The turbines were quiet. 11:10 PM NOW the turbines are VERY loud. I hear #'s 4 & 73 like a loud jet flying overhead. I can hear turbine 73 even with my garage in between me and the turbine while standing right next to the garage as a shield. I am at the computer (inside the house) and I can hear turbine 73. Remember turbine #73 is 2480' or almost a half mile away.

July 6 – 7:30 AM Wind S very low. I can hear turbines 4, 6 & 73 about equally from the back of our property Turbine 73 therefore would be over ½ mile or about 2940' from me and #6 is just

under ¼ of a mile from the back of our property. I have a small hand held sound level indicator and got a reading of 40db and at the moment the sound is fairly quiet but annoying. 7:50 AM I am reading a map at the dining room table and I can hear the turbines quite easily. The kitchen door is open. Again this is quite an intrusion on our normal life style and on our health. 8:00AM I can hear #73 while at the computer with music playing at the sound level of 30 on the computer. Turbine # 73 is 2480' away. Sound auditable in a well constructed, well insulated home should not be permitted by our government leaders including town, county, state and the PSC. I used to live in a peaceful rural area. Now thanks to the leaders we trusted we live in an industrial park type setting except we never move. We were intruded upon. I doubt that a city planner would allow an industrial park to move into a residential area? My oldest son (age 33) just commented that at 2:00 AM he was going to "Have me call my legislator friends. They (turbines) were the loudest I have heard them". 9:40 AM Turbine # 4 is fighting to see if it can rip the sky apart. It is very loud. Did you ever had to vomit but nothing came out but retching sound? You got the picture of what it is like at the moment? 5:10 PM S wind. I filmed # 4 & 6. They were loud and I could hear # 73. 6:55 PM Wind SW. The turbines are now turned a little SW from where they were 45 minutes ago. Now they are louder. The jet flying over loud sound with a pulse added. It is sickening. 11:30 PM. Turbine 73 is the loudest. Then #4. Then #6. Thumping and jet sound.

July 7 – 5:10 AM Wind S. Fairly quiet yet annoying. 9:00 AM Wind S. Similar sound as earlier. 5:20 PM Jet sound. 9:50 PM It is raining. Wind S. Sound is audible. 12:50 AM Wind S Turbines 4, 6, 73 and 74a are giving off the loud jet sound ripping the sky apart. I can hear 73 & 74a from the computer room. From our family room I can hear turbines 6 & 4.

July 8 – 6:15 AM The first words from my wife's mouth were "I'm going to go back to sleep";. "I didn't sleep half the night and was up at 2:00 AM". That is not a surprise considering when we went to bed we could hear the industrial wind turbines in all parts of our house. 5:15 PM Wind SW Jet sound from turbine 4. 11:15 PM wind NW. It is loud again tonight. Turbines 6 & 4 are a very loud jet sound with thumping sound from # 6. And.. how exciting (not really) that tonight I can hear an additional turbine #75a which is also ¼ of a mile from our house. If you have been paying attention you have figured out we have turbines almost in a 360 degree circumference of our house. It is getting worse. Not better☹

July 9 – 5:15 AM Our 13 year old son is up. He should be in bed sound asleep at this time. He said he has been up since 2:00 AM. He said he was woke up by the wind turbines. That is not a surprise considering how loud they were last night. 5:40 AM. I can hear # 4 & 6. 8:55 AM Wind NW. I can hear #4 whooshing and humming. The wind is not strong. 4:00 PM.

Our son and I are leaving chess camp in Shorewood. Robert got sick. It was very unusual. He was very anxious and worried about his pulse, heart, blood clots, blood not moving in his body, he was sweating and thirsty, kept checking his stomach by pulling up his shirt. Remember in the beginning of this diary I commented that especially my wife was concerned as soon as she heard about turbines coming to our area the health effects it may have on our son due to the trauma he experienced before social services entered his life? I believe today is a direct result of the wind turbines affecting his life due to head aches, lack of sleep and just plain stress and anxiety created by the constant sound. Part of this sound is rarely mentioned which is the low vibration sound we may not even feel.

9:05 PM. Most of the 86 turbines are moving slow or are stopped. There is almost no wind from the W. My wife and I discussed where the wind is operating the turbines or are they being back fed with electricity to make them appear they are producing? 10:40 PM. There is no wind on the ground.

July 10 – 6:30 AM Almost no breeze. Turbines tuning slow. 11:40 AM I can hear #'s 4 & 73 at my computer. We got home 30 minutes ago and I thought the turbines were fairly quiet. Now I hear both IN THE HOUSE. 1:15 AM It's disgusting and very aggravating. I can hear turbines 4, 6, 73 and 74a inside the house and outside and is like being at O'Hare airport listening to the jet sounds. Very loud☹

- July 11 – 6:30 AM Turbine 4 not turning. 7:10 AM Wind S quiet. Turbine # 4 turning, but slow with Only a hum, but easily heard from 1560' away. 10:15 AM I can hear # 4 in our dining room. 5:15 to 7:15 PM While changing oil in the cars I could hear #'s 4 and 73 the whole time. 9:10 PM Wind SE. I can hear # 4. 10:05 PM Turbines 4 and 73 loud jet sound. 12:10 AM I am hearing a vibration, thumping sound from turbines 4, 6 & 73 in all parts of our house. Very, Very sad and aggravating.
- July 12 – 7:55 AM Wind W. Turbines 4 & 73 are loud. I hear other turbines, however conditions are such it is difficult to determine which ones they are. Maybe turbines further away? The air is heavy. I think the air is full of turbine sound and vibrations to make it difficult to know which is emitting what sound. Most of the day we worked in the yard. No matter where we were the sky was filled with the jet sound of either turbines 4, 6 or 73 or all of them and at times 74 and 5a plus more. I feel they just keep wearing away on the mind and body. 9:30 PM Turbines 4 and 73 giving off the loud jet sound. 12:25 AM Turbine 4 is heard in our family room quite loud. (our family room is in the house) as well as # 73 in the computer room. Maybe the house is not vibrating, however it has that vibration type feeling.
- July 13 – 6:05 AM I can hear # 4 while in the kitchen with the door open. 6:15 AM Turbine # 4 loud with the jet flying over sound. I also can hear # 73 with the same jet sound. 4:50 PM I just returned home from a nice peaceful day at our cabin. There were no industrial jet flying over sound wind turbines there. As soon as we got home I could hear 3 of the noisy, jet sound turbines. Wind is from the West. 8:55 PM The turbines are still making an annoying sound, but are quieter. 10:30 PM Turbines 4 & 6 are making moderate noise together. 1:00 AM I can hear turbine 4 in the kitchen with the door open.
- July 14 – 6:50 AM Turbine 4 is not turning as well as many others. Some of the 86 turbines are turning slow. All day the turbines are fairly quiet. 10:45 PM Turbine 4 turning slow with hum. Turbine # 73 with a whoosh, whoosh, whoosh.
- July 15 – 6:50 AM Wind S-SW. I can hear turbine 4 from the kitchen with the door open. I can hear turbine 73 from the computer room. Outside I can hear turbines 73 & 70. Turbine 70 is a mile away. From the south the sky is filled with turbine noise. 1:30 PM Wind SW. Moderate noise from # 4. 9:30 PM Wind SW. Turbines turning slow and fairly quiet.
- July 16 – 5:10 AM No wind. Turbine # 4 not turning. 8:00 AM Turning slow and quiet-fairly quiet until 3:00 PM when the wind changed from SW to NE. The turbines got so loud it was difficult to determine thunder from turbines. 5:00 PM Wind N. Jet sound. 11:05 PM Turbines turning slow and with quiet hum.
- July 17 – 5:50 AM Wind SW but still or calm yet there is the jet sound. 7:35 AM Wind SW calm/still. There must be upper air movement. Turbine # 4 sounds like a jet flying over. I also hear # 73 which is 2480' across the road from our house. For the past 1 ½ hours I have been collecting and burning tree branches. There is not a place on our property I can not hear the wind turbines. I even hear them in the barn in our race car shop. It is terrible our town and county governments and the PSC have rubber stamped this project and have bought in to this hoax and only listen to the energy companies and apparently do not care about the people they each represent.
- July 18 – 5:40 AM Slight wind. Turbines are turning slow and quietly. 5:00 PM Today there has been little breeze, therefore almost no turbine noise—a rare moment. 11:40 PM Slow turning, little sound.
- July 19 – 6:50 AM No wind. 8:05 AM No wind/calm. NO turbines turning- - no electricity is being produced. 5:00 PM Turning slow and quiet. Much of the day many turbines not turning. 11:10 PM Not much noise. 2:00 AM I woke up. My wife was up and couldn't sleep. Turbine # 4 is From the kitchen.
- July 20 – 6:50 AM The turbines are turning very slow and quiet. Some of the turbines are hidden in the fog. 9:00 AM No breeze. Turbine 4 is turning slow and quiet. Half of the turbines are not turning. Most of today all the turbines were stopped or turning slow. It has been a quiet weekend. If Al Gore got his way (no coal, gas, oil or nuclear power) it would be hot and dark in the

- house and my ice cream in the freezer would melt. 6:25 PM Turbine # 73 is going 11 revs. Per minute. 6:40 PM Turbines 73 I could hear being stopped. Wind is non existent.
- July 21 – 5:45 AM All turbines (86) are not turning. Thank goodness we have alternative energy like gas, coal, oil and nuclear. 8:25 AM A few of the turbines are turning slow. 4:00 PM Turbines stopped. 4:20 PM Turbine # 4 turned for about 10 minutes. 8:45 PM Some turbines turning slow. 10:10 PM Most turbines are stopped.
- July 22 – 6:40 AM Very quiet. All day the turbines were not turning or were turning slow and quiet. 10:10 PM Turning slow and quiet.
- July 23 – 5:15 AM Turbines turning slow and quiet. Wind calm. 11 revs. per minute. 2:00 PM Slow and quiet. About ½ of the 86 turbines are turning. 11:30 PM Turbines are turned SW but no wind.
- July 24 – 5:55 AM Wind SW. I can only hear hum, no wind. 8:45 AM I can hear # 4 in the kitchen and dining room. Of course I have the door open. It is a perfect day for "real" air with the temperature at 67 degrees. 5:10 PM Turbines are humming away. 10:25 PM Sound is getting louder. Wind SW and can hear turbines 4 & 73.
- July 25 – 6:45 AM Wind SW still # 4 fairly loud for no wind on the ground. Also I hear # 73. 2:50 PM Wind SW calm. Turbine # 4 humming. 10:55 PM Turbine 4 low jet sound, calm on ground.
- July 26 – 6:10 AM Wind NW. Turbine 4 is like a jet flying over. 7:25 PM Wind W slight. Jet sound from turbine # 4 @ 15 revs. per minute. 10:30 PM I can hear turbines 4 and 6 much louder than during the daylight hour. Jet flying over sound.
- July 27 – 6:15 AM I got up and saw a note on the dining room table from my wife. She is telling me That she was awake during the night from 1:30 to 3:45 AM. This has been happening much of the past week. Could there be a vibration in the area that is affecting her but not me? This week a farmer (George G) told me that ""There is an electric field around the turbines". While on a tractor if he drove close to a turbine the AM radio did not work. I took a portable AM radio out to a turbine, however it did work. Wind N with loud humming sound. 2:40 PM Turbine # 4 loud jet sound plus I can hear turbine # 6.
- July 28 – 6:10 AM Wind N Fairly quiet.
- July 29 – 12:40 AM No Wind. Turbine # 4 stopped. 5:10 AM My wife just told me she did not sleep well again. Fairly quiet. 5:00 PM The day has been fairly quiet while the wind is from the E. 11:35 PM Wind E, however now the turbine sound is loud. I can hear the turbines from the Kitchen with the door open. 2:10 PM Wind SW. It has been a quiet 4 days. Now the loud jet is back in full force at 20 rpms. 9:20 PM Wind SW with loud jet sound with turbines # 4 & 73 tearing the sky apart. 10:35 PM Calm Wind SW 10.5 rpms.
- July 30 – 5:25 AM Wind NW I hear #'s 4 & 6 with jet flying over sound⊗ 10:00 AM to 3:30 PM Wind W. I have been weeding my peppers most of the time period. I just came in the house as I feel nauseated and with a slight headache from hearing 3 turbines all day (4, 6 & 73. Remember, I do not get headaches. 7:00 PM 11 rpm quiet hum.
- July 31 – 7:00 AM No wind. All 86 turbines are still⊗ 10:00 AM+ It is good there is alternative energy Production (coal, gas, oil and nuclear) because with out it our homes would be dark. There was a token attempt for about half of the 86 turbines to turn mid afternoon. 10:30 PM Silent.
- August 1 – 7:00 AM Calm, almost no turbines moving. 1:30 PM Less than half of the turbines are turning. 9:40 PM Wind NW. Turbine 4 loud jet sound as we get out of the car from shopping.
- August 2 – 7:10 AM Turning slow and quiet. 7:30 PM calm and very few turbines turning. 8:55 PM Wind SE light. Turbine 4 is slow and quiet @ 11.5 rpms. 11:55 PM Turbine 4 not turning.
- August 3 – 7:10 AM Not much activity. 12:55 PM Wind SE low. Turbines slow and quiet. 3:30 PM Wind E. I can hear 75b which is ¾ of a mile E and 73 which is 2480' Southwest.
- August 4. 2:20 AM Wind S. Fairly strong. Turbine 73 and 4 sound like a Chinook helicopter or very loud jet sound. I hear turbine 73 in the front room like listening to your heard beat in a stethoscope thump, thump, thump. Turbine # 73 is 2480' from the house. 7:55 AM Surrounding turbines are not turning although many of the 86 are turning. 7:55 PM About ¾ of the turbines are not turning including turbines 4, 6 & 73. 9:35 PM Close by turbines are not turning.
- August 5 – 7:00 AM It is calm and foggy with no turbine sounds in the air. They must not be turning

as my lights don't work and my ice cream is soft ☺ 11:50 AM Turbines turning with a slow hum. 10:35 PM Wind NW. Loud jet sound between turbines 4 & 6 as to who is the loudest and strongest. I took a few videos but on my old point and shoot is not too good. I have a Db meter and registered a few peaks of 50 with substantial amounts at 45. I could hear either turbine 4 or 6 in my family room or both turbines.

August 6 – 5:10 AM Wind NW fairly quiet. Turbines turning slow. 11:50 AM Turbines turning slow with low volume hum. 4:45 PM Wind W slight. Turbine #4 annoying jet sounds. 10:35 PM Getting out of the car in the garage I can hear turbines making the loud jet flying over sound. Wind is from the West. I hear #6 louder than #4. Turbine 6 is  $\frac{3}{4}$  of a mile from the house.

August 7 – 6:50 AM Almost no wind. Turbine 4 humming and whooshing away. This is annoying and aggravating and turbine 4 is 1560' away, more than 1.5 times the state's model. Also remember I have pine trees and the neighbor's woods to suppress the sounds. What is it like for those with few or no trees 1000' away or those who signed off and are about 600' away? Oh yes, they have complained to me too. 6:10 PM wind NW slow and pretty quiet. 9:00 PM Wind NE 11rpms

August 8 – 7:10 AM Wind N calm. About  $\frac{1}{2}$  of the 86 turbines turning slow. Turbine 4 turning slow but Quiet. I think that means lots of dark homes. 8:40 AM All 86 turbines are still. Wow! What peace plus I can hear the beautiful songs of the birds ☺ When the turbines are turning, especially when loud I don't hear the birds, however when the turbines are still or quiet I hear them. 5:10 PM Turning slow. 10:40 PM Turbine 4 barely turning.

August 9 – 6:45 AM Turning slow @ 11 rpms. 8:50 AM Most turbines stopped. 10:30 AM Turning Slow. 3:45 PM Wind NW 11rpms and fairly quiet. 4:45 PM A friend with a sound meter 45dba 65dbc or 20 difference where 15 is "acceptable". This means low vibration sound is affecting my family and explains why my wife and 13 year old son are not sleeping well. 10:30 PM Slow and quiet.

August 10 – 6:20 AM Wind N 5knts. I have been calling the Fond du Lac airport for wind speed. The airport is 7 miles north of the house so is just an indication of the wind speed and is knots rather than miles per hour. Turbine 4 is turning at 12.6 rpms. I can hear the whoosh, whoosh, whoosh sound. 11:30 AM Wind N and the sound is louder than earlier. I can hear #4 from the kitchen with the door open. 4:25 PM Wind N a short while ago. I could hear #4 while making pizza. Turning 12.6 rpms. 11:20 PM Wind calm turning slow and quietly.

August 11 – 5:15 AM Wind calm. All or most turbines not turning. 10:45 Wind NE Maybe  $\frac{1}{2}$  the Turbines are turning quietly. 5:30 PM Turbines not turning. Wind calm. 11:10 PM Wind S calm @ 13.2 rpms. Little noise.

August 12 – Wind SW Calm 10.6rpms. I hear the hum of #4. 8:00AM My wife has been staying with her father the last 4 nights comforting him the last days of his life. Last night she was home and just told me that in town she did not have ringing in her ears, but last night it returned ☹ Yes I believe it is related to the industrial wind turbines located 1560', 1840' and  $\frac{3}{4}$  mile from our house especially since I now know the C weighted sound is more than 15. 11:05 AM calm. ALL turbines still. At first I thought the last few weeks are fairly quiet or not much sound to report, however now I realize in the summer there is very little wind, therefore very little wind generated electricity. In the winter when there is wind there is less demand for electricity and again no need for wind generated power. From what I understand the sound will be worse (how can it be worse or more annoying and unhealthy) in winter because there will be no leaves plus snow on the ground will enhance the loud turbine generated sounds and vibrations. 12:40 AM All turbines silent (not turning). 10:30 PM Wind calm 11rpms fairly quiet.

August 13 – 5:10 AM Calm. Turbines not turning. 12:20 PM Most turbines not turning. 1:10 PM Turbine 4, 10.6 rpms. 11:30 PM Wind calm. Almost full moon. Coming home from the Dodge County fair no turbines moving.

August 14 – 8:40 AM Wind NE calm @ 11rpms. Slow and quiet. 11:30 PM Wind NE turning 14.3 rpm Some sound but not loud.

August 15 – 6:50 AM Wind NE at 6 knots, 13 rpms. Low noise volume. 9:00 AM Many of the turbines are stopped so no sound.....or electricity. 9:55 PM No wind or 0 rpms (not turning). We drove

- through the turbine farm with the full moon and did not see ANY turning.
- August 16 – 6:15 AM Turning slow and quiet. 2:30 PM. I can hear hum of turbine 4 and jet sound of Turbine 6. 11:30 PM Loud jet sound from turbine 4 and loud ripping jet sound from turbine 6. Wind is SW 15.3 rpms. This is the loudest sound in a few days.
- August 17 – 6:50 AM Wind W-SW calm. 11 rpms. Humming or rubbing sound. 9:35 AM Wind SW calm. 6knots @ the airport. 11 rpms. Turning very slow with little sound. 1:40 PM Wind W 9 knots 13.3 rpms. I hear loud jet sound from turbine 73. Turbine 4 is not quite as loud. Turbine 73 is 2480' away from my house. 10:05 PM Wind SW 15.6 rpms Tonight the air is filled with turbine sounds. Turbine 4 jet flying over sound, #'s 6 and 73 can also be heard. 11:05 PM I can hear turbines from my computer, yes inside the house. Turbine 4 sound like a jet ready to take off⊗
- August 18 – 6:25 AM Wind SW. Turbine 4 jet sound. Turbine 6 louder with ripping of the air sound. 8:30 AM Wind SW 12.6 rpms. 10:30 PM Wind E. Not much sound. Turbine 73 has now taken the place of the loudest turbine. The air seems to be filled with sound from all around. In the house there is sound, but like outside it seem all over or which turbine is making the sound I'm not sure.
- August 19 – 6:30 AM Wind NE 5 knots. 11 rpms. It is quiet this morning. Turning slow. 9:50 AM Wind NE 11 rpms. Quiet. 3:45 PM Wind E calm 11rpms. Humming sound from turbine 4. 5:50 PM Wind E, 5 knots, 11 rpms. Slow and fairly quiet.
- August 20 – 5:10 AM Wind SE 8 knots, 18.3 rpms. Low jet sound. 8:20 AM Wind E 8 knots, 11 rpms Not much noise. 3:20 PM Wind E. the sound is picking up or getting louder. 9:30 PM wind SE 15 rpms. Jet sound. 11:20 PM Wind SE jet sound from turbines 4 & 6. I just received a new Extech sound meter and shows 46.5dba.
- August 21 – 6:55 AM Wind SE @ 3 knots. 14.5 rpms with humming sound. 11:20 PM Wind SE The sounds are getting louder tonight. I can hear turbines 4 & 6 to the north like a jet flying over. To the south there is so much sound it is difficult to know for sure which turbines I hear. Turbine 73 for sure plus 74a probably or 70 or 72a. Sound level at the back of the house is 46dba-63dbc and at the front of the house 49dba-66dbc. Today my wife told me she had a Difficult time going to sleep and that from 2:10 – 3:20 AM she was up reading a book.
- August 22 – 5:10 AM Wind SE 17 rpms. Jet sound. I hear turbines 4, 6, 73 and 74a. 7:35 AM Continue to hear the 4 turbines mentioned before turning @ 13.23 rpms. Still the jet sound, not quite as loud as earlier.
- August 24 – The last 3 days we were to northern WI (Dunbar) 4-wheeling. It was so beautiful and peaceful camping in the forest of Marinette County. There were not wind turbines or jet sounds filling the air like here at home. 1:30 PM Wind N-NE. As I got out of the truck there was that annoying, aggravating turbine noise. It was not as loud as sometimes, yet so annoying after being in a wonderful, peaceful, non skyline polluted area all weekend. 3:30 PM Wind NE calm 11 rpms. Sounds not too loud. 10:50 PM Wind calm. 11.3 rpms. Low hum for sound.
- August 25 – 5:10 AM Wind NE calm @ 11 rpms. Turbines turning slow and quiet. 1:50 PM Wind NE calm @ 11 rpms. Turning slow and quiet. 8:25 PM Wind NE 3 knots @ 11.3 rpms, slow and quiet all day. 11:35 PM Wind E 3 knots. Turbine 4 is louder than earlier and turbine 73 jet flying over sound. Of course you remember turbine 73 is 2480' away or almost half a mile.
- August 26 – 6:50 AM Wind E slight breeze @ 16.3 rpms. Some whooshing sound and hum. 8:35 AM 13 rpms, wind E. 10:05 PM Wind E Turbines 4 and 73 are giving off the jet flying over sound. Turbine 73 is louder, 44dba-63dbc. Our son has already been down to tell me he is not able to go to sleep and is making threats as to what he would like to do to the turbines and has name for them that he don't want to tell because he knows he would get in trouble for swearing. If you have not been reading along turbine 73 is 2480 feet away from his bedroom.
- August 27 – 5:35 Wind SE calm. Turbines 73 & 4 are loud. Turbine 4 (1560') 47.7dba – 61.3dbc with a loud jet sound @ 18 rpms. 2:30 PM Wind SW with whooshing sound. 11:30 PM Wind S calm Turbines 4 & 73 jet sound, not real loud, but annoying and I can hear as soon as I step on the porch. Turbine 4 45.6dba – 64.7dbc. Turbine 73 42.9 dba – 55 dbc. #73 is 2480' from house.

August 28 – 7:15 AM Wind S calm, turbine 4 46.5dba – 61.6dbc. Turbines 4 & 73 sound like they are fighting with each other as to who can be louder. Really this is far from the loudest sound the turbines make. 8:00 AM Wind S, 5 knots. The air is filled with turbine sounds from a jet flying over to whoosh, whoosh, whoosh. It is nauseating today. It is difficult to work outside in the yard. I don't get headaches very often, but I feel one coming on today. Turbine 4, 17rpms, 45.7dba – 61dbc. Turbine 73 14.6rpms, 47.4dba – 63.9dbc. I can hear the turbine noise in the computer room as I write this. Keep in mind turbine 4 is 1560' and turbine 73 is 2480' from my house. I can also hear turbine 6 and others this morning. The air seems dense with clouds. My 13 year old son just got up which is 11:50 AM. He told me the turbines were very loud last Night and he was awake every hour. He recited each hour by number. Now he also has a headache. 9:35 PM Wind calm All the turbines I can see are not turning. 10:10 PM Not turning

August 29 – 7:05 AM Wind NW 3 knots, seem calm. 11.6rpms turning slow and mostly quiet other than a hum. 5:30 PM About half of the 86 industrial wind turbines are not turning. 8:00 PM Wind SW 3 knots really calm. 11 rpms. Turbine 4 just humming. 10:15 PM calm. Turbines turned SW grinding hum, but can be heard on our patio 1560' away.

August 30 – 6:55 AM Wind SW calm, 14.3 rpms. Turbine 4 slow, humming and whooshing sound interrupting the quiet morning while sitting on the patio. 8:10 AM wind SW calm, 11 rpms, low humming, but can hear in the kitchen while making salsa. 10:20 AM It is calm, quiet and peaceful. None of the 86 industrial turbines are turning nor have been for almost an hour☺ 11:35 AM Calm and peaceful☺ None turning. 3:05 PM wind SW calm @ 11 rpms with low hum 8:10 PM calm. The turbines are turned in many different directions and not all are not turning. Again, thank goodness for alternative and EFFICIENT electricity production from COAL, OIL, NUCLEAR AND NATURAL GAS. 11:45 PM wind S, calm @ rpms, slow turning with low hum.

August 31 – Wind SW calm. Turbines turning @ 11 rpms with low hum. 9:35 AM calm, 0 rpms from all 86 turbines (that means they all are not turning) 4:15 PM Wind S, 5 knots, 14.6 rpms. Fairly quiet. 7:40 PM wind SE 5 knots 14.6 rpms. Whooshing sound. 11:00 PM Wind SE slight, but I can hear turbines 4 , 73 & 74a.

September 1 - 5:15 AM Wind S calm, 18.6 rpms, dba 44.4, dbc 59.3. Loud jet sound from turbines 4 and 73. 8:45 AM Wind S 7 knots, 16 rpms. Loud jet sound from turbines 4 and 73. To equalize the sound I walked north to 1360' from turbine 4 and 2680' from turbine 73. Very annoying. Oh, this is more than ½ a mile from turbine 73. 1:55 PM Wind S, 5 knots gusts to 14 knots, 13.3 rpms. All day there has been a loud jet sound like there is fighting between turbine 4 and 73 as to who can be the loudest. My stomach feels full and nauseated, tired of being out listening all day. I have lived here 37 years and never imagined we would be to live with these health and welfare effects. 9:25 PM Wind SE, 18.3 rpms. Turbine 4 dba 49.1, dbc 64.3, turbine 73 dba 47.9 dbc 64.9. This whole day has been loud mostly between turbines 73 and 4. At this time also 74a and others to the south are loud. I have been sick to my stomach feeling most of the day. I was just in the bathroom and I can hear turbines from there. Our bathroom has no outside wall. As I write this in the computer room I hear turbine sounds, but am not sure if from the north (4) or south (73,74a + others). It has been a very bad day. 10:55 PM Wind SE 4 knots dba 51.6, dbc 69.5 from the sidewalk 20' from our house or 1585' from turbine 4.

September 2 – 6:15 AM Wind calm 18.3 rpms. Almost as loud as last night. I can hear turbines 4 and 73 and 6. It looks like another bad day in store. 11:45 PM Wind NW, 5 knots, dba 51.1, dbc 60.6. We just got home from the Idols concert in Green Bay with my wife's sister. She had not heard the turbines before. She said, "My goodness. It sounds like a jet taking off". Turbines 4 and 6 are very loud and ripping the sky apart. Terribly loud jet sound. I can hear turbines in the house.

September 3 – 5:15 AM Wind NW 18.6 rpms. Jet sound from turbines 73 and 4. 12:35 PM Wind N, 11 rpms, 8 knots. Humming and whooshing sound #4. 8:10 PM Wind NE 13.3 rpms. Low jet flying over sound. 12:20 AM Wind NE. Louder sound than before.

September 4 – 6:40 AM Rain, Wind NE 15 rpms. Turbine 73 is louder than turbine 4. Turbine 73 is 2480' away from the house. 9:25 PM Wind N, light rain, strong wind. Outside I can hear the jet



- Sound over the wind. Inside in the computer room I can hear turbines. 10:55 PM Wind N, 11 Knots. I hear turbines inside the house⊗ 12:10 AM Wind N, dba 51.2, dbc 73.4. There is a Jet sound. I can hear turbine 4 in the house with the door closed.
- September 5 – 7:35 AM Wind NW calm, low clouds 400', 13.6 rpms. I can hear jet sound from turbine 4. 1:10 PM Wind NW, 11.3 rpms. Sound not too bad. 4:25 PM Wind NW, 11 rpms, dba 43, Dbc 54.3. Humming and whooshing sound. This afternoon many of the turbines were not turning. 11:25 PM Wind W, 11.3 rpms, humming and whooshing sound.
- September 6 – 7:10 AM Wind W, 4 knots, 11 rpms. Humming sound. 2:00 PM Wind W, 16.6 rpms. Turbine loud humming and whooshing. Turbine 6 loud jet sound. 5:20 PM Wind W, calm, 11 rpms. Humming and grinding sound. 7:40 PM Wind SW, calm, 11 rpms. Humming sound. 10:05 PM Wind W, calm, 11 rpms. Turbine 4 humming and can hear turbine 6 as well.
- September 7 – 6:15 AM Wind W, 11 rpms. Whoosh, whoosh sound. 5:25 PM Wind SW 9 knots, 18 rpms, turbine 4-50.4 dba, 68.7 dbc. All day or from noon turbine 4 was loud jet flying over sound during our family reunion picnic outdoors. Many commented about the loud sound. 8:00 PM Wind NW calm, light rain, 13.6 rpms. Jet sound and whoosh sound from turbine 4. Jet sound from turbine 75a, ¼ mile away⊗ 11:45 PM I hear the humming of #4 while in the dining room and from my computer I hear turbine 73. The day has been bad and it just continues on even with the wind calm.
- September 8 – 5:15 AM Wind NW, slow. Humming sound. 9:55 AM Wind NW 3 knots, 7.3 rpms. Pretty slow. Looks like an attempt to show they are working. Wind W. All turbines are shutting down. 11:30 PM Wind W, calm, dba 42.7, dbc 60.3. Turbine 6 is louder than turbine 4 jet sound. Turbine 6 is ¼ mile away.
- September 9 – Wind calm, 0 rpms. All 86 turbines are still. What wonderful peace! 3:45 PM Wind SW 5 knots variable. No turbines turning, but our ice cream is OK. The gas, nuclear and coal Generators must be working. 9:50 PM Wind SE, 3 knots, dba 45.3, dbc 60.3. Low jet sound.
- September 10 – 5:15 AM Wind S, calm, 11 rpms. Humming sound. 7:20 AM Wind S, 3 knots, 11 rpms. Humming sound. 8:25 AM Wind SW, calm, 11 rpms. Only 25% of the industrial, noisy turbines are turning. 5:35 PM Wind SE, 8 knots, 15 rpms. Fairly loud whoosh and hum sound for a SE wind. 9:30 PM Wind SW, 5 knots, 18 rpms, sound at house dba 49.4, dbc 61.3, sound at back of property dba 45.3, dbc 64.2, front of house dba 44.5, dbc 60.9. Our son has been down from his room twice complaining of the turbine sound from his room. The sound is close to the Chinook sound between turbines 4 and 73. I have had a crackling sound in my left ear for about 10 days. 11:10 PM Wind SE, dba 48.2, dbc 71.3. Loud jet sound from turbines 4 & 6.
- September 11 – 6:25 AM Wind SE. 3 knots, 18.3 rpms. Very loud jet flying over sound filling the air from the South, West and North. Yesterday I had slight headache most of the day. I was working outside most of the day. I rarely get headaches. This morning when I woke up I thought about the buzzing or crackling in my ear for the past week. Is it from the constant turbine noise? I also am concerned about being tired most of the time and not having much ambition. I could take a nap at any time and often do. I see customers that were on my mail route just 6 weeks ago and can not remember their names. This is not just occasionally, but everyday and with people I know. I wonder if I am getting Alzheimer's disease early or if turbine sound related? I am 59. 3:15 PM. Wind SE. I just got home from Madison. Turbine 4, 6 and 73 are giving off loud, ripping the sky apart even over the rain. About 14 of the turbines on the West edge of the project are not turning. 9:50 PM Wind SSW, 9 knots, cloudy, humid. Turbines 4, 73 and 6 are filling the air with ripping, loud jet sound. I can hear turbines at my Computer which is in my house 1560' – 2480' from the large industrial wind turbines. At house dba 50.2, dbc 65.8, back dba 52.3, dbc 62.3, front dba 47.1, dbc 65.5.
- September 12 – 6:55 AM Wind SW calm, 11 rpms. Low humming sound. 7:00 PM Wind calm, no Turning. 11:40 PM Low hum
- September 13 – 7:10 AM Wind E, foggy and drizzling, 14.6 rpms. Sound is covered by the rain and wind. 8:30 PM We just got home from a day trip to our cabin and as soon as I got out of the truck I can hear turbines 4 and 73 ripping the sky apart as loud as a Chinook helicopter. 11:30

PM Wind W. Only hear the jet sound from turbine 4

- September 14 – Wind N, 8 knots, 11 rpms. I can hear the sound over light rain. I noticed a crackling in my left ear last night and this morning. 8:25 AM Wind NNW, dba 49.3, dbc 63.8 with a loud jet sound. I can hear turbine 4 at my computer. 12:20 PM 14 rpms. Loud jet sound. 7:15 PM Wind NW 5 knots, 14 rpms, dba 44.0, dbc 61.3. Loud jet sound, but not as loud as all afternoon up until 30 minutes ago. It was a tense day working in the barn shop and picking berries and apples with the obnoxious sound... sickening sound. 10:35 PM Wind NW, light rain, 9 knots. Very loud jet sound ripping through the sky. 10:10 PM Wind NW. I can hear turbines 4 and 6 loud jet sound. I can hear turbine 4 in the house. I have a crackling in my left ear.
- September 15 5:15 AM Wind NW, 10 knots, 14.3 rpms, dba 45.7, dbc 63.5 Fairly loud jet sound from turbine 4. and I can also hear turbine 6. 1:20 PM. Wind NW, 6 knots, cloudy, 11 rpms. Low hum. 4:00 PM Most turbines are not turning. It is so peaceful picking the raspberries and being able to hear the bees buzzing with out the sounds of the industrial wind turbines.
- September 16 – 6:20 AM Wind SW, 4 knots, feels calm, 14.6 rpms, dba 44.6, dbc 61.4. Loud motor Running or humming sound. I'm hearing turbine 4 in the barn shop and at the computer at 7:05 11:15 AM Wind SW loud, dba 47.1, dbc 64.7. 4:15 PM Wind SW, 11 knots, dba 47.3, dbc 67.2, 18 rpms. Turbine 4 and 6 are making loud jet flying over sounds, ripping the sky apart. It has been loud all day. 9:40 PM Wind SW 11 knots, house dba 50.1, dbc 65.6, back dba 51, dbc 66.5, front dba 50.7, dbc 66.5, 18 rpms. This is the loudest night in a long time. I hear #4, 6, 73, 74a, 3a and possibly more. I can hear them at the computer in the front of the house and in the family room in the back of the house with the TV on. Keep in mind turbine 6 is  $\frac{3}{4}$  mile, # 73 2480' and 74a  $\frac{5}{8}$  mile away. It is very sad our town officials and PSC have allowed this turbine project to affect the health of residents in this area and it will continue in other areas. 11:40 PM I hear turbine jet flying over sound while watching TV in our family room⊗
- September 17 – 4:30 AM Wind SW, 5 knots, dba 47.4, dbc 62.3. Jet sound from turbine 4 and 6. Last night I slept very little due to the constant sound in the house. This is the worst since they began turning on March 3, 2008. I could hear a low like whoosh sound or at times the house seemed to be vibrating. I am getting more angry at elected officials for allowing this to happen and that something (turbines) that are 28-30% efficient are even promoted. This is an unjust use of our tax dollars. I hear turbine sounds as I write this at the computer. 5:05 PM Wind N, 11 rpms. Fairly calm. Not much noise compared to yesterday. 10:30 PM Wind N. Noise Is Covered by sweet corn harvesting machinery at the neighbors.
- September 18 – 6:35 AM Wind E, 11.3 rpms. Low hum sound. 10:35 PM Wind SE, dba 46.0 dbc 66.9. Jet sound. Louder than during the day
- September 19 – 6:45 AM Wind S, 5 knots, 18 rpms, house dba 51.3, dbc 69.9, front dba 49.9, dbc 65.4. The sound outside is loud. The environmental impact statement for this project and Invenergy company officials say with the new technology you only hear the sound from one side of the turbine. This is not true. I hear turbine 4, 1560' to the north and turbine 73, 2480' to the south both ripping the sky apart this morning. I hear turbine noise as I write this at the computer. Yes, in the house, Very irritating. 7:50 PM Wind SW, 18 rpms, dba 49.0, dbc 62.1. It has been loud all day. I'm sure there will be sleep problems tonight. 11:45 PM Wind SW, 9 knots. I can hear turbines 4 and 73 loudest and 74a and 6. I was watching TV and when there was no talking I could hear the whoosh, whoosh of the turbines⊗ Our son was down complaining and with a recording he had made of the sounds of the turbines he can hear from his room. It is 11:55 PM and I can still hear him awake. I can hear the turbines at the computer.
- September 20 – 7:20 AM Wind SW, 8 knots, but seems calm, 15 rpms, dba 44.1, dbc 60.6, clear sky. The sound is fairly quiet other than whooshing and humming of the turbines (this is not the pleasant sound like someone humming to music). 7:35 PM Wind SW, 9 knots, seems calm, 11.6 rpms. I can hear the sound of turbine 4 but no sound reading as the farmer 300 yards down the hill began corn chopping and silo filling so sound reading. It would not be fair to take a sound reading with tractors and choppers running so close by. 8:20 PM Wind SW, calm, 11 rpms, low hum.

- September 21 – Wind NE, 4 knots, 11 rpms. Little sound today. The last 2 days I have had a lot of crackling in my left ear. This morning I woke with the sound. It is like taking wax paper and crunching it next to the ear, but this is inside the ear. 7:10 PM Wind E, 11 knots, 14.3 rpms, cloudy. Not too much noise due to wind in the trees. 11:10 PM Wind SE, 3 knots, cloudy, mist dba 45.5, dbc 67.3. Jet sound. Much of today most turbines were not turning. Now the loud sound has returned.
- September 22 – 5:15 AM Cloudy, foggy. Low hum. Afternoon-Working on the new porch was a tense afternoon. I could hear turbine 4 over the sound of a 4 row self propelled corn chopper and accompanying equipment. The chopper was between our house and the turbine. 7:30 PM Wind SE, 16.6 rpms. I can hear the turbines over the wind. There has been more sound the last few days or week and that has brought on more crackling in my left ear. While working on the porch 5 minutes after turbine 73 got louder my wife had a headache.
- September 23 – 6:45 AM Wind SE, light, 16.6 rpms. 8:10 AM My wife was trying to read at the dinning room table and thought she heard a train, but it was the turbine sound instead. I woke up with the crackling in my ear. It has been pretty much constant the last 3 days. My wife also told me about a quivering she has in her chest, especially at night in bed. She had thought it had something to do with her heitial hernia, but after reading some of Nina Pierponts writing I realized it is probably from the constant turbine sounds. 2:00 PM Wind S, 14 rpms. Turbine 4 has been shut down today. Maintenance trucks are at the base. Today I can hear turbine 3a because turbine 4 is not over powering it. I also hear turbines 73 and 74a. 10:55 PM Wind SSE 8 knots, 18 rpms, dba 48.0, dbc 61.4. Jet sound heard from turbines 4 and 73. Quite loud with turbine 6 not quite as loud
- September 24 – 5:15 AM Wind SW, 3 knots, 15 rpms, partly cloudy, dba 46.6, dbc 61.4. The sound is that of a jet flying over. 9:30 AM Wind SW, 3 knots, 11.6 rpms. There is the humming sound. 10:25 PM Wind N, calm, 11 rpms with humming sound. I had crackling in my left ear much of the day.
- September 25 – 5:20 AM Wind NE, calm, 11 rpms. Low Hum. 3:35 PM Calm. No turbines turning. 1:20 AM Wind E calm, dba 45.3, dbc 60.3. Loud whoosh from turbine 4 & loud sound from 73.
- September 26 – 7:05 AM Wind S, Calm, 14.3 rpms, dba 43.2, dbc 59.6. Humming sound. 1:50 PM Wind S, calm, 18 rpms, dba 46.2, dbc 59.1. Low jet flying over sound. I can hear turbines 4 and 6. Left ear crackle.
- September 27 – Wind SW, calm, 11 rpms. Low hum. I woke up with left ear crackling. 8:55 AM Wind SW, light, turbine 4 14 rpms, turbine 3a 11 rpms. Turbine 4 is getting loud. 8:55 PM Wiind N 8 knots, 14 rpms. Turbine 4 and 6 are quite loud with #6 louder tonight. Turbine 6 is  $\frac{3}{4}$  mi away
- September 28 – 7:10 AM Wind NE, light breeze. Difference between dba and dbc is 20. That may Explain why my wife was awake for 2 hours over night. 5:30 PM. 12.3 rpms. The turbines were off for a while. Ten rpms for a while. I was to our cabin today. It was so nice and peaceful☺ No annoying turbine sounds to pollute the air. I could hear birds and the rustling of the leaves. It was very peaceful and relaxing.
- September 29 – 5:15 AM Wind calm. Turbines not turning. 9:00 PM Wind NW, 4 knots. Turbines not turning. Coudy. 6:30 PM wind NW, calm, 11 rpms. Low hum but audible at the house. 10:55 PM Wind W, calm. Turbines turning slow and fairly quiet. I can hear turbines 4 and 6. 12:15AM Wind NW, 6 knots, 16 rpms, dba 45.6, dbc 60.8. I could hear turbine 4 while watching TV so I went outside to make sure it was the turbine. Turbine 4 and 6 are very loud whoosh. Turbine 6 is  $\frac{3}{4}$  of a mile away. We probably hear both tonight watching TV from our family room.
- September 30 – 6:30 AM Wind NW, 7 knots, 13.6 rpms, cloudy, dba 43.9, dbc 59.3. I hear turbine 4 loud and turbine 6 a little less. 5:10 PM. No facts other than wind from NW and it has been loud all day. I am tense and have crackling in my left ear. That is now every day even if I do not mention it. 10:05 PM Wind W, 17.3 rpms, dba 47.0, dbc 66.8. Turbines 4 and 6 loud, ripping the sky apart sound and jet flying over sound. Very bad. Our son saw the speed and said, "It will be a bad night". He was correct. He did not sleep at all this night.

I will add a little to this. I woke up at 2:30 AM on October 1<sup>st</sup>. I could see light from somewhere that was not normal. I got up and I could see light from under the door in our family room. I investigated and our son was dressed for school watching TV and eating. He knows I am not happy about this and that I usually tell him to go to bed and think about something positive like our 4-wheeling trip. I didn't do that this time. He already had told me he was up because of the turbine noise. He stayed awake until it was just about time to get on the school bus. Then when we all were up he relaxes and got tired.

- Oct 1 – 2:30 AM Our son is up watching TV and eating, dressed for school. He said he has not slept this night. At 5:00 AM he is still awake watching TV. 5:10 AM Wind W, dba 49.6, dbc 69.1. Turbine 4 and 6 are loud. 3:40 PM Wind W, 15.3 rpms, dba 47.3, dbc 66.7. Turbines 4 and 6 are very loud with 6 the loudest. Turbine 6 is  $\frac{3}{4}$  from the house. This is ridiculous. 9:40 PM wind W, 6 knots, 16.3 rpms, dba 47.9, dbc 64.1. We got home at 8:30 PM and the first thing my wife said was "My goodness. It sounds like a war", referring to the turbine sound of #4 & 6 fighting with each other for the loudest sound. During the Boston/LA playoff game we heard turbines. Yes, in the house is where our TV is located.
- October 2 – 6:30 AM Wind NNW, 8 knots, dba 46.2, dbc 63.9, 15 rpms. Turbines 4 & 6 are still very loud with 6 loudest. The energy company and PSC says 50 db is acceptable. Often the sound dba is near 50 dbs sometimes over 50 db. More important is the dbc that almost always is more than 15 db higher. What ever is said to be acceptable is way, way too loud. Why should we put up hearing these large, industrial wind turbines affecting our lives on a daily basis both outside as well as inside our houses? 9:50 PM Wind N, 5 knots, 13 rpms. Fairly quiet tonight.
- October 3 – 5:15 AM Wind N calm, 12.3 rpms, dba 44.1, dbc, 60.2. Loud motor running sound easily heard from outside our house. When my wife woke at 5 AM she said she had a headache at base of her neck.. During the afternoon turbines were pointed in various directions and many not turning. 5:30 PM 0 rpms. Translation, no turbines turning. My wife said her ears were not ringing or buzzing. I commented to my wife and neighbor lady that we could hear the birds chirping and making other noises as they moved around the tree and branches. It was so beautiful peaceful. We are leaving for camping. 9:30 PM it is peaceful sitting by the campfire. My left ear is not crackling or buzzing. The sound of other campers talking and the smell of smoke is a great relief of being home and hearing the jet sound of industrial wind turbines.
- October 4 – 7:35 AM Frying bacon over a campfire and not turbine sounds is great. I can hear the occasional sound of dumping stone into the crusher at the neighboring (one mile+) stone quarry. That sound last for seconds compared to the all day sound of the industrial wind turbines I am surrounded by. 10:30AM-1:00PM We drove home to meet a couple from another area about proposed turbines in their area. Most turbines are not turning. Some neighbors came by us for a discussion and then we went to see 4 other families and a drive to show our guests others with serious complaints of the turbines. 5:30 PM. Back at the campground it is wonderfully peaceful☺
- October 5 – 7:30 AM At campground. No crackling in my left ear and it is so peaceful. 12:00 PM We just got home from camping. Of course we immediately hear the sound of the industrial wind turbines as we get out of the truck. It is so sad to come home to this unnecessary sound every time we go away. This should not be permitted. I feel a form of torture would be better than this every day. In Guantanamo Bay prison camp underwear put on the head was considered torture. That is nothing to constant industrial wind turbine sounds plus add in the health effects that just seem to get overlooked by our legislators, PSC and DNR.
- October 6 – 5:15 AM Wind E, 10 knots. I can hear turbines 4 and 6. 1:00 PM Wind NE, 11 knots, 18.3 rpms, All day windy. 9:15 PM Wind NE. Not wind as earlier so turbine 4 louder than earlier. 10:15 PM I can hear turbine sounds between words while watching TV.
- October 7 – 7:15 AM Wind SW, 9 knots, gust to 16 knots, 17.3 rpms, dba 51.6, dbc 66.3. Jet sound. 10:30 AM Wind SW, 18.3 rpms, 11 knots. Reporter here today- 9:30 PM Wind SW, 13 knots,

Low jet sound over the sound of the wind and rain. In the house at the computer I can hear the thump of turbines.

- October 8 – 5:15 AM Wind W, 8 knots, drizzle, low clouds. Easy to hear turbine 4 with # 6 a louder thumping sound. 7:30 AM Wind W, 0 knots, 14 rpms. Loud hum. 6:30 PM Wind SW. Loud ripping sound. All day as I worked outside on our porch the sound from various turbines was loud enough to be nauseating. My wife told me as she picked raspberries she could hear 3 of the turbines. On is  $\frac{3}{4}$  of a mile way. 10:35 PM Wind SW, 9 knots, dba 52.3, dbc 65.4 Turbines 4 and 6 are especially loud either like a jet flying over or a Chinook helicopter. I can also hear turbine 73 which is 2480' away. Before I went outside to measure sound and video record I could hear either turbine 4 or 6 or both from our family room<sup>Ⓢ</sup> 11:55 AM I can hear the thump of turbines at the computer and dining room. dba 49.4, dbc 63.4 – 12 inches outside the house at the patio door (dining room)
- October 9 – 6:20 AM Wind W, 9 knots, 18.3 rpms, dba 47.0, dbc 63.4. The sky is filled with turbine sounds. I hear turbines 4, 6, 3a and 73 plus maybe more. To the south the air is filled with sound. At time this morning turbine 6 is louder than turbine 4 with loud ripping sound. Turbine 6 is  $\frac{3}{4}$  mile away from the house. 6:55 AM In my family room by the TV (TV off) the room is quiet other than turbine sounds. dba 39.6, dbc 65.4 in the family room. Thumping sound. Last night when I told my wife I could hear the turbines in the family room and bed room she said she could not hear the sound because of the buzzing and ringing in her ears. 5:00 PM Wind SW. All day the turbines to the north (4 & 6) were loud and annoying as I worked outside. 10:10 PM Wind W, 4 knots, dba 43.3, dbc 60.6. I can hear turbines 4, 3a and 6 quite loud for a quiet night. 12:50 AM Our son is down, dressed and can't sleep due to turbine sound. In the dining room door I hear jet sound of # 4. My ears are buzzing or crackling
- October 10 – 6:50 AM Wind NNE, calm, 11 rpms. Fairly quiet this morning, just a loud hum. As I mentioned yesterday our son was up at 12:50 AM. I convinced him to go back to bed and try and sleep. He said, "I've tried that". He did go back, but soon was back. At 5:00 Am he was still awake watching TV. At 6:20 AM he was ready to sleep and now the turbines were quiet. My wife woke up with a headache. 10:00 PM Wind SE, 5 knots, dba 50.2, dbc 66.3. Loud. I can hear turbine sounds at the computer.
- October 11 – 6:40 AM Wind NE, 11 rpms. Whoosh, whoosh sound. 5:00 PM Wind SE. All day the turbine sound has been loud an annoying as I worked on the porch. I did find relief for a while when I had a portable radio on close to where I was working. 9:35 PM Wind Se, 3 knots, dba 46.9, dbc 63.6. Loud whooshing sound. 11:15 PM Wind SE from 12 inches outside the dining room patio door. Dba 46.2, dbc 61.3. I can hear from the family room turbine 4 and/ or 6 From the computer room either them or turbine 73.
- October 12 – 5:40 AM Wind S, 3 knots, 14.3 rpms. Low rumble. 5:10 PM Wind SE, 3 knots, 17 rpms. It has been loud all afternoon as we worked in the yard from turbines 4, 6, and 73. This Morning at our cabin it was quiet and peaceful. (no turbines there). 9:45 PM Wind SE, 3 knots, 18rpms, dba 51.5, dbc 63.3. Loud jet sound with 73 competing for the loudest.
- October 13 – 6:10 AM Wind SW, 10 knots, feels calm, 18 rpms, dba 47.4, dbc 63.6. I have found that the sound level seems to be just an indicator. There can be identical reading, yet the sound to the ears is loader than another time at the same reading. Today is loud jet sound which is strongest from turbine 4, but also loud from 6 and 73. 6:10 PM Wind SW, 10 knots, 15 knot gusts, 16.6 rpms, dba 48.3, dbc 66.7. It has been loud ALL day as I worked on our porch. Loud jet sound between turbines 4 and 73 and I also hear # 6. 9:50 PM Wind SW, 13 knots, gust to 18 knots, 18 rpms, dba 49.7, dbc 64.3, cloudy, mist. It has been loud all day. I hear turbines 4 & 6 from our family room. I hear turbine 73 or 74a from the front room and I hear turbine Sounds from our bed room. It makes me so angry that Renew Wisconsin's Michael Vickerman can say "At 1000' wind turbines are barely audible". That is a horrendous lie. 11:35 PM Wind SW, dba 50.5, dbc 62.4. It sounds like a squadron of jet fighters in the sky. I can hear turbines 4 and 6 in all rooms of our house downstairs. This morning when my wife went upstairs to wake up our son she was not sure of the strange sound in the stair area. It was like a vibration.

Yes, it was the turbine sound. 11:40 PM One foot outside the patio door dba 50.1, dbc 60.2.

October 14 – Wind SW, 5 knots, 16.3 rpms, dba 41.7, dbc 58.5. Turbine 4 low hum which is louder than our refrigerator and I can also hear turbine 6. 4:30 PM Coming home from Madison approximately ½ of the turbines are not turning. 10:35 PM Wind SW, calm, 11.3 rpms, low hum from turbine 4.

October 15 – 6:30 AM Wind SW, calm, drizzle. Low hum. 10:10 AM Wind SW, calm, 11 rpms. The turbines have not been turning much. Turbine 4 just started a while ago. 7:35 PM I just got home and before I got out of the car I could hear turbines 6 and 4 ripping the sky apart. Very loud. Turbine 6 is ¾ mile away. 7:55 PM Wind NW, dba 58.9, dbc 88.7. The sound is terribly loud between turbines 4 and 6. turbine 6 is louder much of the time. Michael Vickerman of Renew Wisconsin says, "At 1000' wind turbines are barely audible". His lies are criminal unless he is referring to the little toy I made with paper and pinned to a pencil eraser as a child. 10:15 PM Wind NW, 18 rpms. Loud, loud sound from turbines 4 and 6.

October 16 – 6:15 AM Wind NW, 17 rpms. When I first went outside I thought I heard the train coming up the "Byron hill", but it was turbine 4. 7:30 AM Wind NW, calm. Fairly quiet, but audible at 1560'. 6:20 PM Many turbines not turning. 10:35 PM Wind SE, 11 rpms, calm and QUIET☺

October 17 – 4:30 AM Area turbines are not turning. 7:30 AM I am now at our cabin north of home 90 miles. It is so peaceful here. 4:00PM In the hunting stand the woods is so quiet. I hear the leaves floating to the ground and making their soft landing. I hear the birds chirping and the squirrels running around in the leaves and up the trees. We don't have that at home anymore. 10:30 PM There barely a sound outside. It is so wonderfully calm and peaceful.

October 18 – 5:45 AM. In the hunting stand it is quiet. Leaves are falling. At 6:25 the woods comes to life with birds chirping, squirrels running around and turkeys communicating to each other. There are NO turbine sounds here. I noticed my ears have not been crackling or ringing. During the day we shingled the roof on our cabin. 4:00-6:30 PM I hunted. It was quiet with the Sound of the breeze in the tree tops. There were lots of squirrels scampering around and right at quitting time the careful, slow sounds of foot steps in the leaves. It was a deer, but too late and dark to shoot. 11:30 PM It is so quiet other than a few dogs barking in the distance.

October 19 – 5:45 AM On the hunting stand it is very quiet. I can hear the talk of turkey and squirrels that are nearby. 2:30 PM Wind S. We just got home from the cabin. Before I was out of the truck I could hear turbines 4 and 73 ripping the sky apart. It's disgusting and depressing. 10:10 PM – I hear turbine 4 and 6. It's ridiculously loud. I hear turbine sound at the computer. 11:25 PM I hear turbine 4 in the family room over the TV.

October 20 – 5:35 AM Wind NW, 11.6 rpms. Loud whooshing sound. I have crackling or ringing in my left ear. 2:00 PM Wind NNE, 14 knots, gust to 20 knots, 18.6 rpms. I can hear the turbines while typing at the computer. 1:50 AM Wind NW, 14.6 rpms. Turbine 4 easily heard from our sidewalk.

October 21 – 7:10 AM Wind NE, 14.6 rpms, quiet. 12:05 PM, Wind NNE, 12.3 rpms. Quiet. 1:20 PM, wind NE, Quiet or at a low hum. 10:20 PM Wind NE, Audible whooshing sound

October 22 – Wind NE, 11.6 rpms, Not much sound today. 1:20 PM Wind E, wind quite strong today which covers much of the turbine sound. I can hear turbines 4 and 73 as I work outside. 10:35 PM Wind SE fairly brisk but can hear the jet sound of turbine 4.

October 23 – 5:50 AM Wind SE, I hear low volume jet sound. All day the wind was SE. I can hear turbine 4 over the sound of the wind. 10:25 PM Wind SE, 4 knots, 17.3 rpms. Can hear whooshing or thumping over the sound of the wind. Can hear thumping at the computer. Ears are buzzing. This is new or 1<sup>st</sup> time.

October 24 – 6:45 Wind SE, 3 knots, Low whoosh but definitely audible at 1560'. Much louder than me refrigerator. During the day working outside I can hear turbine 4 and 73. 9:45 Wind SW, 7 knots, Loud jet sound with thumping sound. DbA 46.5, dbc 68.7.

October 25 – 5:35 AM Wind SW. Jet sound from turbine 4 and can also hear # 73. 11:10 AM Wind SW 17.6 rpms, 11 knots, gusts to 20 knots, dba 45.9, dbc 64.7. Up and down loud jet sound. ALL day loud, loud, loud☺ Even over the wind and radio as I worked on the porch. 9:30 PM

- Wind SW. I can hear turbine sounds between words while watching the World Series. Loud jet sound with bursts of thumping. Ridiculously loud.
- October 26 – 6:55 AM Wind SW 12 knots, gusts to 18 knots, 18.3 rpms, dba 47.9, dbc 69.7. Loud Whooshing sound from turbine 4. Can also easily hear turbine 6 and 73. 10:30 PM Wind NW loud hum.
- October 27 – 7:55 AM Wind W, Jet sound. All day very audible from 1560' away from industrial turbine 4. 9:40 PM Wind NW, 6 knots dba 48.9, dbc 64.7. Jet sound with a loud ripping sound. Very audible
- October 28 – 6:30 AM Wind NW. Low jet sound but much louder than my refrigerator. 11:05 AM Wind NW. Continuing being very audible from our sidewalk and kitchen porch.
- October 29 – Wind NW 3 knots, 11 rpms. Low hum, but definitely louder than my refrigerator and this is 1560' from the turbine. 5:30 PM – 9:30 PM Wind NW calm. It is so blessedly peaceful as no turbines are turning. It's amazing what sounds are missed while the turbines are spinning ⊗
- October 30 – Wind SSE, 3 knots, dba 49.4, dbc 69.7. Loud jet sound from #4 & 73. To the South the air is saturated turbine noise. 12:45 PM Wind SSW, 11 knots, gusts to 24 knots. There are jet sounds thumping and pulsating from everywhere. Very nauseating. I just do not understand how one culture of people (energy companies, PSC, legislature) can do this to another culture of people (average person who bought their property never expecting this would be forced on them) 9:35 PM Wind SSW 8 Knots, The air is again full of turbine sounds. Turbine 4 & 73 are loudest. If this sound is to be compared to a refrigerator it would be like all the refrigeration units put together from a large ice cream factory. I was gone much of the later part of the day so it was depressing to come home hearing the loud sounds. Yesterday we had a few hours of peace, the first in a few months. 9:50 PM. I can hear a thumping or ripping of the sky from where I sit at the computer. Yes, turbine sounds ⊗
- October 31 – Wind SW, 10 knots, 18.3 rpms, dba 49.1, dbc 64.3. The sound is loud and is everywhere. Very annoying. I also can hear the sound at the computer. (South end of house) and family room louder (North end of house).
- November 1 – Wind NE – I was gone all day so I only heard the turbines now when I got home. It is sad the first sound I hear when I get out of the car is the loud jet sound of the turbines.
- November 2 – 5:15 PM Wind SE, Very audible at 1560'. I was to my cabin in the woods today. It was so peaceful. When we got home at 6:30 turbines 4 and 73 were filling the air with loud pulsations. 10:10 PM Wind SW 6 knots, 18 rpms, dba 44.6, dbc 61.5. Turbine 4 loud hum, turbine 73 jet sound. We can hear the turbines in our family room.
- November 3 – 6:45 AM Wind SW, calm. Jet flying over sound from turbine 4, however loudest sounds are from the South or #73, 74a and more. Turbine 73 is 2480' away and 74a 5/8 mile, other are further. It looks like the beginning of a bad day. 9:45 PM I can hear the turbines at the computer. Now I will go outside for more. 10:50 PM Wind S, 9 knots, dba 52.8, dbc 75.9. The sound is loud and terrible. I can hear turbines 4, 73, 74a, and 3a in order of loudest first. Turbines 4, 73, and 74a are like a working Chinook helicopter. The sky is thumping with sound. How ridiculous this is allowed. For those that promote wind energy, but do not live in a wind farm, there are a variety of homes for sale in the project from 399,900 to 125,000 so there should be a home for your taste and price range. Oh, I can hear turbine sounds at the computer and in the family room which is at opposite ends of the house. Turbine 73 is 2480' and turbine 4 is 1560' away.
- November 4 – 5:30 AM Wind SW. Loud jet sound from turbines 4 and 73. 11:30 PM Turbine 4 and 73 ripping the sky apart. Very loud. I can hear at the computer.
- November 5 – 7:10 AM Wind S. It just continues. That is turbine 4 & 73 pounding away at the sky. 10:20 PM Wind S, 9 knots, I can hear turbines from inside the family room. To me that sound is too loud to be permissible.
- November 6 – 5:10 AM Wind S, Turbines 4 & 73 very audible 1560' and 2480' respectively. 10:35 PM Turbines 4 & 73 continue with loud thumping sound.
- November 7 – 6:25 AM Wind SE, 16.3 rpms. Turbine 73 is louder than turbine 4. Turbine 73 is 2480'

than earlier. 2:00 PM Left for hunting. 3:35 PM Arrived at cabin. No turbine, no jet sound or all the side effects of the large industrial wind turbines.

November 28 – 5:00 AM Wind W. It doesn't matter how strong the wind is here in the woods because There are not industrial wind turbines here. 3:00 PM Wind W It is so peaceful here. ALL I hear are squirrels rustling in the dry leaves and song birds such as nut hatches and chickadees. I I even hear their ting feet going up and down the trees. Those fine sound are no longer heard at home.

November 29 – Wind SW. Sound is low hum. 11.3 rpms. 6:10 PM Wind SW, 11 rpms, It has been a fairly quiet day with turbines stopped at times. 9:10 PM Wind S, 10 rpms, I doubt much electricity was produced today with the turbines turning at less than 11.25 rpms much of day.

November 30 – 7:25 AM Wind NE, 14.6 rpms. Much of the day the turbine sounds were covered by the wind and snow storm.

December 1 – 6:30 AM Wind W Easy to hear the jet sound over the county snow plow going by and our son plowing snow with his 4-wheeler. This is the sound until 9:45 AM when I went in the house. 4:30 PM Wind W, 14.6 rpms. Loud jet sound. 9:30 PM Wind W Loud jet sound. I hear turbines 6, 4 and 3a with #6 the loudest. Turbine 6 is  $\frac{3}{4}$  mile away from the house.

December 2 – 7:10 AM Wind SW, 6 knots, 18.3 rpms. I have not been outside yet, however I can hear turbine 73 from inside the house thumping away loudly. 8:25 AM Wind SW, 7 knots, 18.3 rpms, dba 51.6, dbc 73.9. I have not been adding very much information recently. The last month I was gone a lot and I am just tired of all the noise from the turbines, am down about it and just don't feel like writing. It is not that the constant annoying sound is gone. It is ever present.

December 3 – 7:10 AM Wind W. I can hear turbine 4 & 6. 18.3 rpms. 9:50 PM Wind W, 18.3 rpms. Loud jet sound. I also hear turbine 6.

December 4 – 7:10 AM Wind NW. Turbine 4 stopped, but I hear 3a & 6. Turbine 6 is louder, but further away. Very, very audible at  $\frac{3}{4}$  mile away. 10:45 AM Wind NW 10 knots, 13 rpms, Fairly quiet at this time, yet very audible at 1560' away. 11:00 PM Wind W, 9 knots, fairly loud jet sound from turbines 4 & 6

December 5 – 7:15 AM Wind NW Turbines 4 & 6 loud. 5:15 PM Wind SW. I can hear turbines 73 & 4 Fighting to see who can be loudest. This is over the sound of the wind. Also I hear & 6. 8:20PM Wind SW, 15 knots, gusts to 20 knots. I can hear & 73 in the computer room 9:50 Wind SW. Wind strong and I can hear turbines 4 & 73 over the sound of the wind. Very loud. 12:00 AM I hear turbines from our bedroom.

December 6 – 6:10 AM Wind direction? Too much snow to tell. Very loud even with the wind being strong and snow falling. I can hear turbines 4 & 6. I was at our cabin all day cutting firewood. Even running the chain saw it was much more peaceful than living at home. 9:30 PM Wind NW 18 rpms. Turbine 4 loud jet sound. Turbine 6 is loud as well. I can hear 3a, 75a which is 1 mile.

December 7 – Wind NNW, 5 knots, 11 rpms but not 11.25 rpms which is needed to generate electricity with the GE 1.5 MW turbine. It is quiet this morning. 12:00 PM Turbines are stopped 3:55 PM Wind S 11 rpms. Like this AM not 11:25. slow turning with hum. 9:25 PM Wind SE, 14.3 rpms. Very audible hum from our sidewalk or 1560' from the industrial turbine # 4

December 8 – 5:45 AM Wind SE 10.3 rpms. Turning slow with low hum. Some turbines are stopped. 9:45AM Wind NE, 7 knots, Snow. Turning slow and quiet. Sound masked by heavy snow. I talked with a neighbor today, Ron B, who is very angry at the terrible sound made by the industrial wind turbines one which is 1000' from his house. He did not have headaches before, but now does. Often he is woke up at night by the turbines and can not get back to sleep.

December 9 – 5:20 AM I hear the turbine sounds inside the house in the back room and the front room and the dining room. I have not been outside yet. 6:50 AM Wind NE, 15 knots, gust to 20 knots, 18 rpms. The air is filled with horrible turbine sounds. The offenders are turbines 4, 3a & 6, earlier #73. It is so sad that so many people suffer from this wind energy hoax that produces a thimble partially filled with electricity. The 3<sup>rd</sup> quarter of 2008, this Forward project by Invenergy at 17.5% of its capacity. Yes there is a period between the 7 & 5. 11:05 AM Wind N



- 13 knots, 18.6 rpms, snow, dba 50.3, dbc 79.9. I just got home and turbine sounds are ripping The sky apart especially #'s 4 & 6. 11:30 PM Wind NNW. I can hear turbines in out back room
- December 10 – 5 AM I was awakened every few hours last night by the turbine noise. 7:00AM Wind NNW 11 rpms Audible hum. 8:15 AM Wind NE 12 rpms, low hum. 12:45 PM Turbines are still. 9:20 PM wind SW, 13 knots, 18.3 rpms, dba 48.3, dbc 74.1. The sound is that of a low flying commercial jet. In the house there is deep thumping sounds everywhere. Upstairs and downstairs. In the front room and the back room and bedroom. Turbine 4 is 1560' away and turbine 73 is 2480' away. Very sickening, literally. 12:00 AM We hear the turbine sound everywhere in the house. As we went to bed my wife commented on having a headache. She has been hearing the turbine sound all night as she quilted upstairs in the sewing room.
- December 11 – 6:05 AM Wind SW, 18.3 rpms dba 48.3, dbc 68.4. Loud jet sound from turbine 4 & 73 8:20 AM Wind SW, 7 knots, 18.3 rpms. I can hear turbines at the dining room table. Yes, the Windows are closed. 9:45 AM Wind NW Walking from my shop to the house I can hear the turbine noise all over to the north. I can hear turbines 6, 4, 3a, 75b and 1. Turbine 1 and 75b are about 1 miles away. 10:55 PM I can hear the turbines in the house especially upstairs even over the sound of the sewing machine. 12:05 AM dba 48.3, dbc 64.9 from just outside our patio door of the dining room. Sound is loud in sewing room upstairs. Also hear in back room.
- December 12 – 7:00 AM Wind NW, 14 rpms. Not jet sound, but loud whoosh sound. 1:00 PM Wind SW, 8 rpms. Many turbines stopped. 8:15 PM Wind SW, 7 knots, 18 rpms. Turbines 4, 73 & 6 very loud jet flying over sound. I can hear turbine sounds in the house. 1:15 AM Wind SW, 17 knots, gust to 31, dba 45.5, dbc 75.3. Very loud thumping in the house. I can hear the turbine sound over the TV and in all rooms
- December 13 – 6:25 AM Wind SW, 18.3 rpms. The sound is like that of last night. LOUD. 10:10 AM Wind S, 18.3 rpms. Wind gusts are covering most of the turbines sounds. 2:20 PM Wind SSW Fairly loud thump from turbines 4 & 6. 10:15 PM Wind S, 18.3 rpms. Turbines 4 & 73 loud and Annoying 12:20 AM We can hear turbines in the family room.
- December 14 – 3:00 AM the last 2 nights I have been woke up by turbine sounds. Yes, I sleep in the house. It is a thumping sound. In the past I would say my sleep was not affected by the large industrial wind turbines like my wife and son who can't get to sleep or are awakened by the sounds. Now I realize I am sleeping, however not deep sleep. That is why I am tired and not motivated during the day. It is like a down or depressed feeling. 6:00 AM I'm awake again hearing the turbines in the bed room and other rooms in the house. 9:55 PM Wind SW, 18 knots, gusts 26. Turbine 4 not turning but 73 is and making jet sound. 73 is 2480' away.
- December 15 – 7:00 AM Wind SW Turbine 4 not turning. I can hear # 73. 10:55 PM Wind W Turbine 4 not turning, however turbine 3a can easily be heard from outside the house. 3a - 5/8 mi away
- December 16 – 7:15 AM It is very peaceful. All the turbines are stopped. 12:30 PM Turbines still stopped. 3:00 PM Some turbines are now turning. Turbine 4 turning 11 rpms. 10:10 PM Turbines turning slow yet audible in the falling snow.
- December 17 – 5:45 AM Turbine 4 turning slow and quiet. 12:20 PM, 14 rpms, loud whooshing. 10:05 PM Wind W, 11 rpms, fairly quiet.
- December 18 – 5:40 AM Wind W, No wind = no turbine movement☺ Peace for the moment. 8:15 AM Wind? No wind. All the industrial wind turbines are stopped. It is so peaceful and quiet. For those who are not surrounded by industrial wind turbines (living in a wind farm) please take the to enjoy the sounds of small birds especially, and other animals. After the wind turbines invade the area those sounds we take for granted will be gone except for rare instances. We used to see 16 to 20 wild turkeys down the lane behind our house. We have not seen them since construction began except for 1 turkey two months ago. A friend who lives near turbine 6 had deer come near his back porch no longer sees them. 1 to 5 PM No turbines turning. It is a peaceful day. I give thanks Oh Lord☺ 6:00 PM We left for Lake Mills WI.
- December 19 – Very peaceful. No industrial wind turbines here. We all slept all night. We were helping at a heavy equipment auction. Even with all the track hoes, large dump trucks, large dozers and all the other heavy equipment running it had no health effects like the wind turbines

- do. 9:15 PM Wind NW. Just got home from Lake Mills and what is the first sound we hear?  
Of course turbine 4 like a jet flying overhead.
- December 20 – 7:00 AM Wind SE Loud jet sound. 10:15 AM Wind E, 13.3 rpms, very audible sound.  
9:40 PM Very audible sound while outside 1560'+ from turbine 4
- December 21 – 6:20 AM Wind SW New sound, very loud. Sound of very, very loud wind but it is the  
Turbine. 10:50 AM Wind W, 21 knots, gusts 29, I Can hear turbine 4 over the strong wind. 9:10  
PM Wind W Loud jet sound. 12:00 AM Wind W. I can hear turbine 4 in family room. I met a  
family tonight that lives near the 1<sup>st</sup> turbine erected (#66) and told me about not being able to  
sleep or of waking up from sleep and of having headaches.
- December 22 – 9:30 AM Wind SE 13.3 rpms. Turbine 4 fairly loud. 9:50 PM I can hear turbine 4  
between words of the Packer/Bear football game.
- December 23 – 7:00 AM Wind SW Turbine 4 & 73 loud jet sound. 8:30 AM Turbines 4 & 73  
competing to see which is the loudest. If you don't remember # 73 is 2480' (almost ½ mi) from  
the house. 1:30 PM Wind SW Turbines 4 & 73 ripping the sky apart with their loud sounds.  
10:15 PM Wind SSW, 4 knots, 11+ rpms but not 11.25. Calm and fairly quiet but audible.
- December 24 – 5:40 AM Calm, too snowy or hazy to see turbines, but no sound. I heard an owl this  
morning which is the first time in a long time. Before turbine construction we regularly heard an  
owl in the woods next to our house. 8:45 AM Calm, can't see any turbine turning. 4:30 PM  
wind W, 17 knots Loud sound now ☉ 9:10 PM Wind W We just got home from Church. This is  
Christmas Eve and turbine 4 sounds like a jet flying over. 9:55 PM I can hear turbine 4 at the  
computer.
- December 25 – 7:20 AM Wind SE. I can hear turbines 4 & 73 with 73 loudest. 11:45 AM Our daughter  
and son in law discussed turbine sound with # 4 very audible from 1560'. 10:45 PM Wind SW  
strong. I can hear turbine 4 over the sound of the strong wind.
- December 26 – 7:30 AM Wind S. I can hear turbine 4 easily. 9:10 AM Wind S turbine 4 & 73 loud with  
73 louder. 1:10 PM same as 9:10 entry. 3:40 PM Wind S Foggy, Turbine 73 louder than 4.  
Very annoying. 9:30 PM Wind? Foggy, Turbine 4 & 73 LOUD, LOUD LOUD. 11:40 PM I hear  
turbines thumping from in the house
- December 27 – 7:10 AM Wind SSW, 5 knots, very foggy, dba 47.8, dbc 74.4. Very loud. Keep in mind  
the sound readings are from turbines 1560 & 2480' away. Turbine 4 & 73 are competing as to  
which can be loudest with ripping the sky apart sound. 12:30 AM Wind W, 14 knots, dba 47.9,  
dbc 64.9. I have never heard this loud horrible sound before. It is difficult to explain. It is like  
the Indians would say, "The sounds of thunder of 1000's of horses rumbling across the prairie".  
Like the sky full of the rumble of thunder long before a big storm arrives. There is this sound  
everywhere. N, S and W. I can hear this sound as I write this at the computer as well as the  
rest of the house. Horrible, stress causing sound.
- December 28 – 7:40 AM Wind W, 22 knots, gusts 28, 18.3 rpms, dba 52.8, dbc 68.9. Like last night  
the air is full of turbine sounds. Like that of a loud jet flying over or stronger than a whooshing  
sound. It is easy to hear turbines 4, 6, 3a, 73 & 74a in that order. 2:00 PM We are in  
Menomonie, MI. We saw no industrial wind turbines on the way here once we got out of Fond  
du Lac County. We got out of the car and heard no aggravating turbine sounds. 10:30 PM Out-  
side it is peaceful with only the road traffic, no jet flying over wind turbine sounds.
- December 29 – 6:00 AM I did not wake up over night due to turbine sounds. Of course the hotel is  
next to the road (hwy 41). I felt well rested vs. not well rested at home due to no low frequency  
noise. I did not need a nap or two later to combat being tired like I do at home. 10:30 AM We  
just returned home. Of course as soon as we stepped out of the garage we heard the %@^&+  
wind turbines. 5:45 PM Friends from Las Vegas came to dinner. They were surprised and  
amazed at how loud the industrial wind turbines were and how close it looked (1560')  
11:30PM Very loud jet sound from turbine 4
- December 30 – 6:45 AM Wind NW, 7 knots, 11+ rpms, but not 11.25, fairly quiet this morning yet  
quite audible at 1560'. 4:10 PM Wind N. The turbines are screaming loud, jet sound. 4:35 PM  
I can hear turbines from inside our house. This is literally nauseating. 8:45 PM Wind N Windy

and screaming turbines. Horribly loud. 11:55 PM I can hear turbines in all rooms of the house. How can the PSC endorse and allow this horrible hoax of electricity generation? Many people from other parts of the state and country said to me when the turbine construction began, "Just wait until winter. The sounds will be much worse". They were absolutely correct. Only person disagreed with that telling me that snow is an insulator and will absorb the sound. That is a pro wind person and lobbyist for wind companies.

December 31 – 5:45 AM Wind NW. Turbines 4 & 6 are very loud. 6 is  $\frac{3}{4}$  mile away. When we went to bed last night my wife commented on her ears buzzing all evening. I talked to a family last night (LB) who is very angry at the sound. They live one mile NW of me and hear multiple turbines in and out of their house and have major shadow flicker problems even though energy companies say flicker is minimal. Not to those that experience it. More lies

January 1 – 2:20 AM I was awakened by large industrial wind turbine sounds. I went back to sleep. Yes it was New Years Eve. I had one Cherry Pepsi (no alcohol) some egg rolls and cheese & crackers. 4:10 AM This is the 2<sup>nd</sup> time tonight I was awakened by industrial wind turbines. I took a sound reading from our patio door, dba 48.9, dbc 74.8. The refrigerator was not running 7:00 AM Wind S, Very loud jet sound. dba 51.6, dbc 67.0. I am quite tired today from being awake or having disrupted sleep most of the night. One nap at 10:00 AM, one at 3:00 PM and fell asleep watching TV in the evening. Yes, I strongly believe this is directly due to industrial wind turbines being placed much too close to homes. 10:00 PM Wind SW, dba 51.4, dbc 67.3. Very loud and I can hear in all rooms of the house. My wife complained about sound upstairs sewing. I hear in family room while watching TV even during talking on the TV. Our son was down for Advil for turbine induced headache. He still is awake at 11:30. 11:25 PM Wind SW dba 48.9, dbc 62.7 We hear turbine sound all throughout the house⊗ I am hearing turbines 4, 73 and 6.

January 2 – Last night was very loud with turbine noise as I have written. I was again awakened twice from the sounds or vibration penetrating our house. I was angry before, but now that I am getting woke up at night from the turbines it just raises the level of anger. 8:35 wind NW, 7 knots, Sound is like that of a heavy, fast moving train going by. 10:10 PM Wind NW, Fairly quiet, but very noticeable at 1560'.

January 3 – 6:50 AM Wind E, Not too loud compared to most of the time. Sounds like heavy working motor and audible at 1560'. Today was a fairly quiet day with intermittent loud sound bursts. The sound was covered by the strong winds. 9:45 PM Wind E, strong, but I still hear the Turbines over the rain.

January 4 – 6:30 AM Wind, if there is wind, is from the NW. Very calm, light fog and complete silence. I hear or see no turbine turning. I hear an owl hooting and the feet or toes of a squirrel digging into the bark of the icy tree. I don't hear these sound when the turbines are turning. Where is the Sierra Club, Green Peace or other concerned environmental groups concerning the effects on wildlife by the large industrial wind turbines. Two friends have now told me about not seeing deer since the turbines have been built. We used to see deer on our lane or even in our garden. Now we so zero deer. We used to see 16-20 almost daily. We have seen one since the turbines have been up. I know from one of the study people that bats were found by the turbines in this area. So tell my why there is not concern for the wildlife in a wind farm, yet of there was going to be a dam or a pipeline environmental groups would be screaming about how wildlife would be effected. I can hear our dogs feet breaking through the thin layer of ice on top the snow and his toe nails sliding on the ice where there is no snow. The sound level on this quiet morning is dba 30.4. You can see the big difference compared to when the turbines ARE turning. Before I could get a dbc reading turbine 73 began turning and then 4, 6 & 3a. I now hear all these with a whooshing sound with dba 46.8, dbc 76.2. 2:40 PM Wind W, 17 knots. Today is the loudest whooshing sound since the turbines have been erected. They can be heard while I work in the dinning room and by my wife upstairs in the sewing room. Loud upstairs. 9:55 PM Wind NW. The sky is filled with turbine sounds especially N & W from turbines 4, 3a and 6

- January 5 – 5:45 AM Wind SW, Loud jet sound fills the air. 8:15 AM Wind SW. The loud sounds just keep filling the air. My wife told me the ringing in her ears is the worst it has been in days and also has a headache. She was sewing all day yesterday and the turbines were very loud. 1:30 PM Wind SW Turbine 4 & 73 are very loud. 4:35 PM wind SW, 11 knots. Turbine 73 louder than #4. Together they sound like a Chinook helicopter ripping the sky apart. 5:40 PM. I'm sitting at my computer and hearing the deep thump, thump, thump of turbine 73 (2480' away). It sure effect concentration and makes me sick to my stomach, but so far no headache. 9:00 PM Wind SW, still very loud and as earlier I hear turbines 4, 6, 73. this has bee one of the most annoying days since they began turning March 3, 2008. 11:30 PM We hear the turbines in all rooms of the house.
- January 6 – 6:25 AM Wind SSE, calm, 13.6 rpms. Sound that of large working motor. Quiet compared to yesterday yet very noticeable at 1560'. 10:20 AM Wind calm, 11 rpms, Whooshing sound, but audible. Light snow and low visibility. 1:20 PM Wind SW, 11 rpms. Fairly quiet. 9:40 PM Wind still. Whooshing sound
- January 8 – 6:30 AM Wind W , 7 knots, Sound that of working motor. It was real loud this morning. I was so tired yesterday I took 3 naps and fell asleep watching TV at night. I realize I am not getting to deep sleep due to the low frequency noise emitted from the industrial wind turbines around my house. I used to dream every night often in color. I could dream a few moments after falling asleep. Now it is rare to dream at night at home. 9:40 PM Wind NW, Strong, whooshing sound. Not so loud most of the day.
- January 9 – 6:30 AM No turbines turning. 9:35 AM Wind NE, light, 12. 6 rpms. The turbines I can see have snow/ice build up on both sides of one blade. 1:40 PM wind NE, 11 rpms. With this wind direction sound usually is fairly quiet which it is now. 10:05 PM Wind S, 13.3 rpms, whooshing sound, but audible from the house or 1560'. Today was fairly quiet and did not need a nap. I'm sure there is a connection to sound, sleep deprivation and being tired.
- January 10 – 6:30 AM Wind N, 8 knots, dba 43.8, dbc 49.3. My wife told me she was awake at 4:00 AM and could not get back to sleep and was a little anxious. That prompted me to check the sound level. The difference between dba and dbc is the problem or low frequency noise issues 4:50 PM Wnd NNW, 11.6 rpms. Rumbling motor sound. 9:50 PM Wind NW Audible motor Humming sound. Fairly quiet day.
- January 11 – 6:10 AM No wind, no turbines turning. Dba 30.6. It is so quiet and peaceful. I rarely hear an owl hoot since the turbines began turning, but it was nice to hear one this morning. 7:30 AM Wind SW, calm, 11 rpms @ 60.24 seconds, not enough to produce electricity. 11:40 AM Wind SW, 11 rpms, not much sound, but not much if any electricity. 4:00 PM Wind SW, 11 rpms, not much sound. 9:50 PM Wind NW slight breeze, turning slow and quietly or motor hum.
- January 12 – 5:25 AM Wind calm. Some turbines not turning. Turbine 4 slow at 11 rpms. Fairly quiet. 8:10 AM Wind SW, Many turbines not turning. 9:35 PM Wind N, 7 knots. Turbine 4 not turning, but can hear turbines 6 & 73. 11:15 PM Wind NW, 9 knots. Turbine 4 loud as heard from patio door.
- January 13 – 7:45 AM Wind NW, 11 rpms, Turbine 4 stopped, but can hear turbines 6 & 73. 6 is louder and is ¾ mile away. 4:35 PM Wind W, 11 rpms. Slow and quiet. 9:50 PM Wind W, No turbines turning. It is interesting that this is the coldest night of the winter at -10F (-24C) and no electricity is being generated. In summer when air conditioners are running no electricity is generated because there is not wind. In the 3<sup>rd</sup> quarter this Invenergy wind farm produced at a disgusting 17.5% of it's capacity. When we buy furnaces for our homes we are looking for an efficiency rating in the 92 to 96% rating. When are our elected and appointed PSC officials going to see what an obscene hoax wind energy is?
- January 14 – 5:40 AM Wind NE, 11 rpms, fairly quiet. 4:00 PM Wind W. Very loud jet sound. 9:15 PM Wind NW, 10 knots, dba 46.6, dbc 61.1. Loud jet sound ripping through the sky. Turbine 6 is Also loud which is ¾ mile away.
- January 15 – 6:15 AM Wind NW, 6 knots, dba 43.7, dbc 58.9. Jet sound. 3:30 PM Wind W. Jet sound. 9:30 PM Wind W. Turbine 6 is pounding away at the night sky louder than turbine 4

with loud whooshing sound mixed with the jet flying over sound.

January 16 – 7:10 AM Wind W. Early we heard the turbine sounds from all around our yard.

11:30 AM, Wind SW, Jet sound. Also hear turbines 6 & 73. 4:45 PM Wind SW, 5 Knots, The sky is filled with turbine sounds, especially turbines 4 & 73. Also 6, 3a, 74a and 70 are heard. Turbine 70 is one mile away. This is ridiculous, unnecessary and very annoying. 10:05 PM

Wind SW, dba 53.2, dbc 75.3. This sound report is from turbine 73 which is 2480' away. Turbines 73 and 4 are offering a loud jet sound. Very loud. 12:15 AM I heard the thumping Turbine sound at the computer even over the furnace blower running.

sky is filled with turbine sounds, especially turbines 4 & 73. Also 6, 3a, 74a and 70 are heard. Turbine 70 is one mile away. This is ridiculous, unnecessary and very annoying. 10:05 PM

Wind SW, dba 53.2, dbc 75.3. This sound report is from turbine 73 which is 2480' away.

Turbines 73 and 4 are offering a loud jet sound. Very loud. 12:15 AM I heard the thumping Turbine sound at the computer even over the furnace blower running.

January 17 – 5:30 AM This night was terrible. The first words from my wife this morning were, "I didn't sleep much last night. I tossed and turned all night". I agree. I had the same affects. We went

to bed at 12:20 AM and at 2:20 AM I was still awake. We could hear the turbines in our bedroom. At 3:20 AM I was woke up by the turbine sounds. At 4:10 AM awake and at 4:35 AM

I was woke up again and I didn't get back to sleep before it was time to get up, but for

Invenergy, the PSC and our town officials this is OK. How sad. 6:25 AM Wind S, 11 knots gusts to 14 knots, dba 50.2, dbc 70.7. Very loud jet flying over sounds from turbines 4 & 73.

3:45 PM Wind SW, 14.6 rpms, loud jet sound turbines 4 & 6. 9:10 PM Wind NW, loud jet sound

Turbines 4 & 6. 12:00 AM Wind NW, turbines are loud as heard from our patio door. Probably not a good night for sleep.

January 18 – 6:00 AM I was woke up by the turbines at 1:20 and 3:35AM. My wife was awake at

1:35 AM. It was a restless night. 7:15 AM Wind NW, 18.3 rpms, dba 48.9, dbc 70.7. Loud

whooshing and jet sound from 4. Even louder jet and thumping or pounding from #6. 10:10 PM

Wind NW Jet sound

January 19 – 5:30 AM Wind WNW, 17 rpms. Loud whoosh with a new sound today. There is a

vibration sound in the air in sync with the blades passing the tower. I can hear it all over inside the house. It is kind of like if a metal barrel with partially filled with a liquid and a sound was

passed through it. I was awake last night several times. At some point at night my wife told me

she couldn't sleep. Sleeping conditions are getting worse. 8:20 AM Wind NW. This new

irritating vibration sound continues and is more noticeable in most rooms of the house than outside. 3:10 PM wind NW, 11 rpms. Fairly quiet. 10:10 PM Wind NW Turning slow and fairly

quiet yet definitely audible from 1560' from the turbine.

January 20 – 6:45 AM Wind NW Not too loud this morning. 4:45 PM Wind SW, 11.6 rpms. Hum of a

working motor, not too loud but definitely audible from 1560'. 10:05 PM Wind SW, 16 rpms

Jet sound. I can also hear turbines 73 and 74a. 74a is 5/8 mile away.

January 21 – 1:15 AM Wind SW. I can hear turbine 4 in our back room and dining room. At this time

we are on our way to Chicago to fly to Miami Beach to meet one of our exchange students and

her parents.

January 22 – I slept all night and even had dreams☺ 8:30 AM Walking on the streets I feel upbeat.

I don't feel the stress that I do at home with constant low frequency noise. Street noise (cars,

roof being repaired) are non events here. 1:00 to 4:00 PM Wind NE. We were on the beach by

the Atlantic Ocean. After several hours I asked my wife if the sound of the waves is like the

wind turbines back home. "No way", was her response. This is a very pleasant sound. The

turbine sound is very annoying and aggravating. There is NO way the two sounds can be

compared to each other. The next sentence from my wife was, "And the buzzing and ringing in

my ears is gone". I do not have the crackling in my left ear. Evening – Very great and peaceful

No loud turbine sound.

January 23 – 7:30 AM Slept great. Many dreams last night. Did not wake up at all. No crackling in my

ear. I feel happy and motivated unlike at home. 11:30 AM to 3:45 PM We were on the beach

(at Atlantic Ocean) The sound of the waves was peaceful, beautiful and relaxing. Wind company sales people compare the sounds of the industrial wind turbines to ocean waves. To be blunt and honest that statement is an outrageous lie. There is NO comparison to the two being alike.

January 24 – 7:15 AM Again it was a peaceful night. I slept all night and had many dreams. Afternoon We did a lot of walking on the street. Those street sounds were a non event.

January 25 – 7:30 AM It was another great sleep night. More dreams. 11:00 AM I went to the beach for a while. It was hot and the sound of the waves was relaxing and peaceful. No crackling in the ear.

January 26 – 1:30 AM This makes me so angry. We have been away from home for 5 days. It was so beautifully peaceful while we were gone. We just arrived home and of course the first sound we were confronted with when we left the garage was wind turbine sounds. Thumping in the sky. Turbine 6 and maybe 75b. Turbine 4 not turning. 75b is 7/8 mile away. 5:45 AM Wind W Turbine 4 now turning with jet sound. 10:10 AM Wind W, 11 rpms. Audible sound. 10:10 PM Wind NW Slow turning, low jet sound.

January 27 – 6:25 AM Wind NW, 13 rpms, not real loud, but very audible at 1560' with sound of a large motor under load with intermittent jet sounds. Often the sound is not just at one level. As gusts of wind hit the blades there is more force on them and it gets louder and quieter in a minutes time or in several minutes time. 12:30 PM Wind NW About 1/2 of the turbines are not turning. Turbine 3, 13 rpms. 3:30 PM Wind ?. No Turbines turning. Yes, it is amazing how peaceful it is when no turbines are turning. Even when they are turning slow they are fairly quiet, yet the low frequency noise must be saturating the air because the turbine are annoying and cause tenseness and anxiety. 5:30 PM Wind SW. No turbines turning. When the turbines are not turning there is a much different peace than when the turbines are turning slow and quiet but audible. Even slow and quiet must still emit low frequency noise that affect the body. It's difficult to explain this. This afternoon the wind was NW and turning slow and fairly quiet. There still was sound and that caused stress and anxiety and irritability. At 3:35 as well as now The turbines are not turning and there is a complete peace and well feeling. It is a sense or feeling that is rarely felt or is rarely present since the industrial wind turbines around me began turning March 3<sup>rd</sup> of 2008. This just makes me more angry at the town of Byron planning and zoning, the town board, the counties of Fond du Lac and Dodge, the PSC and any and all legislators that promote this misrepresented form of "green" renewable energy. It is a gigantic hoax. 10:35 Wind SW Turbines are not turning. 5 minutes ago all were turning slow but certainly audible from my sidewalk.

January 28 – 5:25 AM Wind NW 13 rpms. Whoosh sound. 8:10 AM Wind NW 11rpms. Motor humming and whooshing sound. 5:30 PM Wind SW, 17 rpms. Loud jet flying over sound from turbines 4 and 73. 9:35 PM Wind SSW dba 47.4, dbc 74.9. Very loud jet sound from turbines 4, 73 and 6. Pretty much equal sound between from all three. They are 1560' 2480' and 3/4 Mile away respectively. This is the loudest sound in a few weeks. I can hear them in our back room even with the TV on. My wife has been sewing upstairs this evening and has been loud with turbine noise all evening. This is from 6 to 10 PM. 11:15 PM I hear turbine 73 pounding and thumping in the front of the house over the computer motor and the TV with music on.

January 29 5:00 AM I was awake now and several time during the night. Yes, turbine noise from Turbine 73 and probably 4. My wife told me now she was restless all night. 7:20 AM wind calm. 13.3 rpms, Audible motor humming sound. 9:30 PM Wind NW, 18.3 rpms. Loud jet sound from Turbines 4, 6 and 75b. 75b is 7/8 mile away.

January 30 – 6:50 AM Wind W Jet sound. 3:35 PM Wind W, 11 rpms, lot motor working hard sound. 6:45 PM Wind W I can hear 4, 6 and 3a with jet sound. 8:45 PM Wind W I can hear 4 and 3a With jet sound. 11:55 PM Wind SW Loud jet sound. I can hear turbines in our back room.

January 31 – 6:00 AM I didn't sleep well last night due to turbine noise. 7:05 AM I have not been outside yet, but I can hear the turbines thumping from my computer. 7:30 AM Wind SW, 12 knots, loud jet sound. 6:10 PM I can hear turbine 73 from computer and # 4 and 6 from our

back room. 2:30 PM Wind SW I went across the road with my snowmobile to the snow near the neighbor's woods so they could walk with their dog. I was almost straight east of turbine 73 over 1000' away when I stopped. The snowmobile was running and I had on a DOT approved helmet on (well padded and sound resistant) and I could hear turbine 73. That's loud. 10:10PM Wind SW LOUD jet sound. I can hear turbines 4, 3a 73 and 6.

February 1 – 6:30 AM Wind SW, Windy. Loud jet sound, strong whooshing of the blades, dba 50. ALL day – Wind SW with loud jet sound. 9:35 PM Wind SW. Loud jet sounds. I can hear 4, 3a, 6 & 73. They are 1560', 5/8 mile, 3/4 mile and 2480' away respectively. 11:25 PM I can hear turbine sounds at the computer. My wife was at a hotel in Madison Friday night (this is Sunday). She was with 4 sisters and a niece, all in the same room. She commented that she had no trouble sleeping and slept through the night. She had no ringing in her ears. Last night I woke up at 1:20 AM and 4:40 AM. Last night when I went to bed I could hear an unusual vibration or buzzing in the bedroom. I could not pinpoint where it was coming from. I asked my wife, "Don't you hear it"? Her response, "I have a buzzing in my ears. I can't hear it". Since the turbines began turning she has a buzzing or ringing in her ears constantly when we are at home.

February 2 - 5:25 AM Wind SW, 3 knots, seems calm. Jet sound. I easily hear turbines 4, 6, 73 & 3a. 8:10 AM Wind SW. Jet sound. My wife just commented with frustration, after I told her I was awake twice last night, that when she is away from home she sleeps all night, but just can't sleep here at home. Low frequency noise from the industrial wind turbines is the problem with just plain noise turbine noise much of the time. 9:00 PM Wind NW. I can hear turbines 4 & 6. That would be very audible as turbine 6 is 3/4 mile away.

February 3 – 6:20 AM Wind NW. Loud jet sound. 3:30 PM Wind NW. We were gone all day to a quiet, peaceful place. Now we are home and returned to hear the jet sound of turbines 4 & 3a. 10:30 PM I can hear the turbines from the computer, front of the house and the back room.

February 4 – 5:20 AM Wind NW. Loud jet sound. 8:40 AM Wind NW. Jet sound continues. My wife just told me the last two mornings she woke up with a head ache and ringing in her ears. 1:15 PM Wind NW. Jet sound. 4:30 PM No wind, no turbines turning. dba 30.4 What a big difference from the usual 48-51 decibel levels. It is so peaceful. I feel up beat with a smile☺ I realize now that even if the turbines are turning slow and quiet there is a tenseness in the air and our quality of life is affected forever. How sad this is allowed to happen. 11:25 PM Wind SW I hear number 4 & 6 providing loud jet sound. I hear at the computer (front of house) and back room

February 5 – 5:45 AM Wind SW, Loud jet sound. I hear turbines 4, 6 & 73. Turbine 73 is like the sound of a helicopter. 10:30 PM We are near Wetmore, MI in the UP of Michigan snowmobiling. It is perfectly peaceful, not turbine noise or viper acoustical vibration to affect our bodies.

February 6 – 6:15 AM I slept all night and had many dreams. I no longer dream at home due to the interrupted sleep cause by the industrial wind turbines surrounding our house. 10:00 AM I'm waiting on a snowmobile trail for the rest of the group. It is so quiet. I hear the feet moving and beaks pecking on the trees of nut hatches or chickadees. 11:10 PM Again it is dead silence. It is wonderful how good the body and mind feels when it's not subjected to the affects of the turbines in an industrial wind farm.

February 7 – 6:30 AM Outside there is complete silence. Again I slept all night without interruption and with many dreams. Some in color. Emotionally I feel much better than at home with the constant low frequency noise. 11:00 PM There is no sound. It is so quiet my ears have a slight hiss, however not crackling or ringing.

February 8 – 6:30 AM Similar to yesterday. Complete silence. This feels so good☺ No industrial wind turbine sounds. 3:45 PM. We arrived home from the UP. Of course the first sound we hear are the wind turbines. Not so loud, however very audible and aggravating. 9:30 PM the sound continues.

February 9 – 5:20 AM Wind SE Whoosh sound. 2:15 PM Sound slightly quiet yet very audible. 8:50 PM Wind S Jet sound.

February 10 – 7:10 AM Wind S Strong wind, but can hear turbine 4 over the sound of the wind. 1:30

PM Wind SW, 12 knots, gusts to 17 knots. Turbines 4 & 73 sound like a helicopter at work. 9:05 PM Wind SW Jet sound from turbines 4 & 73. I woke up last night at 1:20 and 3:40 I'm sure from low frequency noise.

February 11 – 5:20 AM Wind SSE, very audible sound 8:00 AM No turbines turning. 1:45 PM wind NNW, 10 knots. Turbine 4 is shut down for maintenance, however I can hear # 73, 3a & 6 very loud. They are 2480', 5/8 mile and 3/4 mile away respectively. I was just in South Byron at a friend's house. Turbine 7 is NE of his house. I could easily hear the loud jet sound. 9:10 PM Wind NW, 15 knots, gusts to 22 knots. Loud jet sound from turbine 4.

February 12 – 7:00 AM Wind W, 12 knots. Jet sound from turbines 4, 6 & 73. 6:25 PM Wind NW, 6 knots, 11 rpms, humming sound, very audible at 1560'. Some of the day turbine 4 was not turning due to maintenance. My wife woke up with a bad headache that lasted all day. I was unmotivated and took 2 naps and just had no ambition. We could hear turbines 6, 3a and 73 most of the time. I would say low frequency noise affected us severely today. 9:15 PM Wind NW Low jet sound. Nauseating feeling. Today was not a good day. During the day there was low wind with turbines running & not running. 9:30 PM Turbines not turning. Peace and quiet☺

February 14 – 6:10 AM Wind light. Turning slow, but very audible. 5:20 PM Wind NW fairly calm. Hum but very easily heard from 1560' away. Not as one person from Renew Wisconsin says, "barely audible from 1000' ". 9:10 PM Wind NW, Jet sound.

February 15 - 6:35 AM Wind NW, 6 knots, feels calm. Sound is that of a humming motor. 1:35 PM Wind NW Low jet sound. 9:40 PM Wind NW. Fairly low whooshing sound, but certainly audible @ 1560' away. We have a 22 year old girl from Japan staying with us now. Last night was her first night. The first words she said when she woke up were, "I could hear them last night". The turbines were actually very quiet. I told her about a 2 on a scale of 10.

February 16 – 5:20 AM Wind NW All the turbines within site are still☺ 2:15 PM Wind SW, 11 rpms. Quiet. Turning, but audible. 11:00 PM Wind S, 8 knots, 18.3 rpms, dba 55.0, dbc 78.1. Very LOUD jet sound from turbines 4 & 73. I can also hear # 6. We were gone and our 14 year old called to say he could not sleep because of the turbines and had a migraine and upset stomach. 12:15 AM I can hear turbine sound in front and back room and very loud turbine sounds upstairs in our son's room.

February 17 – 7:05 AM Wind SSW, 18.3 rpms Loud jet sound from turbines 4 & 73 being the loudest with jet sound also from 3a, 74 & 6. I can hear turbine sounds from inside the house as I write this, upstairs and in the back room. The air outside is saturated with turbine sounds. 9:05 PM Wind S, 5 knots, light snow. Jet sound from turbines 4 & 73. 10:10 PM I hear turbine sounds at the computer. 10:10 AM I can hear turbine sounds between words on the TV.

February 18 – 5:20 AM There is darkness and snow so I can not tell wind direction, but I can hear a lot of sound from a whoosh to a jet taking off from a runway. 11:05 AM Wind N, 12 knots, 18.3 rpms, dba 50.2, dbc 66.9. Loud, loud, loud. It sounds like we are outside the terminal at O'Hare airport with no exaggeration. This is a horrible day☹ As we left for town my wife said, "Oh my goodness is that (turbine # 4) loud". She also said she could not hear the garage door opener because the turbine drowned it out. 1:20 PM Wind NW, 18.3 rpms. Very loud jet sound. We are leaving to go to Appleton. Just walking to the garage my wife started to get head ache. 12:05 AM Wind NW, 14 knots. Very loud jet sound Turbines 4 & 6 sound like they are tearing the sky apart. I hear the turbines as I write this (in the house). The sound is audible in all parts of the house, upstairs and downstairs.

February 19 – 6:45 AM Wind NW, dba 46.4, dbc 65.5. Very Loud jet sound from turbines 4 & 6. 9:10 AM I just talked to a friend, Ron A., that lives in this wind farm, 4 miles to the west. His TV reception was bad so Invenergy agreed to put in satellite service. The satellite service charged two payments at a time plus had to take his statement to Invenergy for reimbursement. This was a hassle so he is doing the best he can with the turbine interrupted, flicker TV service. His girl friend used to be a high energy person, but now is unmotivated and has head aches and other health issues. He also mentioned he no longer sees a red tail hawk that used to frequent his house/barn/shed area. That is not a surprise because wildlife including large



birds no longer are present near my house. 5:50 PM Wind NW It has been loud with turbine noise all day from loud whooshes to jet sound from turbines 4 & 6. 9:00 PM Wind NW, 11 knots, dba 45.5, dbc 62.6. Loud whooshing sound. We can hear turbine sounds and hum or vibration in the house even with the TV on in the front room and back room. The sound is especially loud upstairs in the sewing room. XX

February 20 – 5:00 AM I was woke up at 1:30 & 3:20 AM. I would think by low frequency noise or vibration emitted from the large industrial wind turbines. Of course no dreams. No dreaming is t case every night now. 6:20 AM Wind NW 14.3 rpms. Loud whooshing and I can hear turbines 4 & 6. 3:45 PM No wind. Turbines are not turning except one or two very slowly. The peace, quiet and tranquility is wonderful and relaxing☺ Thank you God for a break in the action (noise) I feel like going outside and sitting in a lawn chair even though it is below freezing. 10:55 PM Wind S, 3 knots, 15.3 rpms. Motor hum and loud whooshing sound.

February 21 – 7:10 AM Wind NW, 15 rpms. Loud whooshing sound. 12:40 PM Wind N, 13 knots, 18.3 rpms. Loud jet sound from turbine 4. 6:10 PM I was upstairs sewing. Earlier it was relaxing there, but now the thumping sound of the turbines is aggravating and stressful. 9:20 PM Wind NW Loud jet sound. 11:10 PM I can hear the turbines thumping while watching Grease 2 on TV. Wouldn't you think that is pretty loud?

February 22 – 6:55 AM Wind NW Jet flying over sound from Turbine 4, 3a, 6 & 73. 1:10 PM Wind NW Loud whooshing sound. 9:10 PM Wind NW Jet sound. During late morning/early afternoon I could hear thumping turbine sound while upstairs sewing. 10:15 PM The turbine sounds are loud upstairs where there is not TV to over ride the obnoxious sound.

February 23 – 5:15 AM Wind NNW, calm. Slow turning turbines, but still annoying sound with motor hum and whooshing sound. I had restless sleep last night. 8:50 AM Wind N, calm, 11 rpms. Fairly quiet yet certainly audible from 1560' away. 1:30 PM Wind ? Sunny and turbines not turning. 9:15 Wind SSW, 11 rpms, whooshing sound.

February 24 – 6:25 AM I have not been outside yet, but I hear the thumping of the industrial wind turbines in our dining room, computer room and family room. Last 2 rooms are opposite ends of the house. In the back room I hear turbine 6 which is  $\frac{3}{4}$  mile away. 6:50 AM Wind SE, 7 knots, dba 51.5, dbc 75.7. Loud jet sound and I hear 4, 3a, 6 & 73. The air is filled with turbine sounds like a vibration. The air is tense. 9:15 PM Wind S. Loud jet sound from turbines 4, 3a, & 73. 10:40 PM We hear turbines in the back room while watching TV.

February 25 – 5:30 AM I did not sleep well at all last night. There were turbine sounds in the bedroom. I felt a little nauseated. I woke up several times and I was just plain restless. Yes, I'm sure this is from the 5 industrial turbines 1560' to  $\frac{3}{4}$  mile from our house. Wind S, 8 knots, dba 45.8, dbc 71.3. Loud jet sound from 4, 3a, 73 & 6 in order of loudest. Hats off to our town officials who supported this with out regard to the health and safety of it residents in the name of \$\$\$\$. This also goes to the county, state and PSC. I believe the DNR had a hand in this as this government organization is co-writer of environmental impact statement. After I wrote this entry my wife was up and told me she did not sleep well. She was up due to the sound and or low frequency noise and read a book for part of the night. She said it was really loud in the back room. I don't always include my wife's testimony. She has problems every night sleeping. 11:25 AM Wind S, 12 knots, 18.3 rpms. Misting. Loud jet sound. I just got home from O'Hare (airport) and heard the sound like a low flying, lifting a heavy load helicopter. In the house there is thumping sounds everywhere especially upstairs in the sewing room. Very tense and sickening.

February 26 – 6:30 AM Wind S. Jet sound. My wife said she had a restless night. Our 14 year old son Also said he did not sleep well. That is not a surprise as the turbines sounds were loud last night when we went to bed. 9:30 AM wind N 20 knots, gusts to 27. I can hear the turbines over the sound of the strong wind. 9:10 PM I hear turbine thumping coming from the east side of the house. That could be because the air outside is just plain saturated with sound and vibration or because the only turbine east of the house is  $\frac{7}{8}$  mile away and unusually loud. 11:05 PM. I'm still hearing the thumping sound of the industrial wind turbines from inside our house.

February 27 – 6:50 AM Wind N, 18.3 rpms. Loud jet sound even over the strong wind. 9:40 AM Loud Thumping sound upstairs where I am trying to sew even with a portable radio 16" from my foot. Not a relaxing atmosphere while trying to sew. 9:45 PM Wind NE. Loud jet sound. It was this way all day as well.

February 28 – 6:40 AM Wind N, 8 knots, 11 rpms. Fairly quiet whooshing sound yet certainly audible and having an affect on the body. 10:15 AM Wind N, 11 rpms. Fairly quiet sounds. 5:10 PM Wind N, calm. No turbines turning. For those tuning in to reading my daily diary; When the turbines are not turning there is a whole different feeling than when they are turning slow or at 11 rpms. At 11 rpms there still is low frequency noise or a vibration that still affects a person's body and health and well being. When there is more wind and more rpms the noise is much louder and often over 50 decibels A and more important 75 decibels C which measure the low frequency sound that often is not heard yet felt by your body. Those times are next to unbearable. The only time there is peace and a good feeling and the mood to smile is when no turbines are turning for a while. Those times are extremely rare in winter. Winter is worse than summer because there are not leaves on the trees to suppress or absorb the sound. Snow is hard and reflects the sound to make conditions worse. Don't believe the statement, "Snow is an insulator and will absorb the sound". Snow insulates the ground, but does not absorb sound. The worst days in winter are after freezing rain is on the trees and ground. On those days the air is filled with loud turbine sounds worse than any other day. While working outside this late afternoon I felt really good and uplifted. I noticed all 86 turbines were not turning. 8:50 PM Wind N, 13.6 rpms. Sound is like that of a motor under a heavy load.