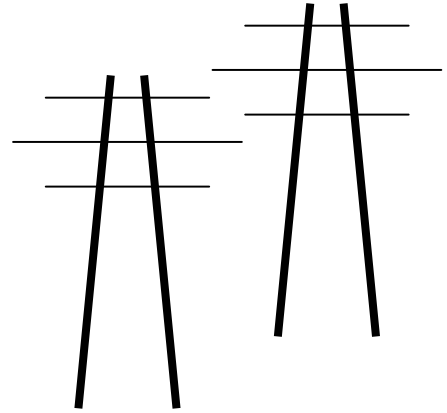


Legalelectric, Inc.

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1110 West Avenue
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February 19, 2018

Dan Wolf
Executive Secretary
Public Utilities Commission
121 – 7th Place East, Suite 350
St. Paul, MN 55101

RE: Motion for Order to Show Cause and Hearing
Bent Tree Wind Project
PUC Docket No. ET6657/WS-08-573

Dear Mr. Wolf:

On behalf of Dave Langrud and Bernie and Cheryl Hagen, attached for filing please find Motion for Order to Show Cause and for Hearing in the above-entitled matter, together with Affidavit and Exhibits.

Please let me know if you have any questions or require anything further.

Very truly yours,

Carol A. Overland
Attorney at Law

Enclosures

cc: Dave Langrud
Bernie & Cheryl Hagen

**BEFORE THE
OFFICE OF ADMINISTRATIVE HEARINGS
for the
MINNESOTA PUBLIC UTILITIES COMMISSION**

CERTIFICATE OF SERVICE

In the Matter of the Site Permit Issued to the
Wisconsin Power and Light Company for the
Bent Tree Project in Freeborn County.

PUC Docket No. ET6657/WS-08-573

MOTION FOR ORDER TO SHOW CAUSE AND FOR HEARING

DAVID LANGRUD AND BERNIE AND CHERYL HAGEN

I, Carol A. Overland, hereby certify that I have this day eFiled the attached Motion for Order to Show Cause and for Hearing in the above-entitled matter, together with Affidavit and Exhibits. and have eServed parties via eDockets.



February 19, 2018

Carol A. Overland MN #254617
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**BEFORE THE
MINNESOTA PUBLIC UTILITIES COMMISSION**

**Nancy Lange
Dan Lipschultz
Matt Schuerger
Katie Sieben
John A. Tuma**

**Chair
Commissioner
Commissioner
Commissioner
Commissioner**

In the Matter of the Site Permit Issued to the
Wisconsin Power and Light Company for the
Bent Tree Project in Freeborn County.

PUC Docket No. ET6657/WS-08-573

**MOTION FOR ORDER TO SHOW CAUSE AND HEARING
DAVID LANGRUD AND BERNIE AND CHERYL HAGEN**

This Motion comes before the Commission on behalf of David Langrud and Bernie and Cheryl Hagen, residents within the Bent Tree Wind Project. After many years and numerous complaints regarding noise of the Bent Tree project, that it was making the Langruds and Hagens lives unbearable, and repeated comments, calls, and appearances before the Public Utilities Commission ordered the Department of Commerce to undertake noise monitoring. The latest Commission ordered Bent Tree noise monitoring has now been completed, and both Phase I and Phase II reports demonstrate that the Bent Tree Wind Project has violated the noise conditions of its permit and Minnesota Rules Ch. 7030. As the grantor of the permit, the Commission has the responsibility to enforce the permit conditions, and the Commission has the express authority to

suspend or revoke the Bent Tree permit.

Under the provisions of Minn. Stat. §§ 216B.025, 216F.04(d) and Minn. R. 7854.1300, Subp. 4, and Section III of the Bent Tree Site Permit, the Commission has authority to revoke the site permit or take other remedial action. In addition, the Permit did not utilize the correct siting criteria, that of Minn. Stat. §216E.03, Subd. 7 – all wind projects have this serious flaw.

Langrud and the Hagens ask that the Commission issue an Order to Show Cause why this permit should not be revoked and that the Commission refer this matter to the Office of Administrative Hearings for a hearing. In the interim, Langrud and Hagens request that turbines within 2,500 feet of their residences be immediately turned off pending resolution of this matter.

I. PROCEDURAL POSTURE

Minn. Stat. §§ 216B.025, 216F.04(d) and Minn. R. 7854.1300, Subp. 4, and Site Permit III each authorize the Commission to address permit violations and revoke or suspend the Bent Tree permit, and that an interested party may make a motion for Commission action. Langrud and the Hagens hereby request that the Commission issue an Order to Show Cause and refer this matter to the Office of Administrative Hearings for a hearing to provide Wisconsin Power & Light the opportunity to be heard prior to Commission action.

A. BENT TREE WAS NOT SITED UNDER MINN. STAT. 216E.03, SUBD. 7.

It should be noted that the permit was granted using the incorrect criteria, improperly relying on Minnesota Statutes Chapter 216F and Minnesota Rules Ch. 7854. From the Commerce Recommendations attached and incorporated into the Bent Tree Order:

A site permit from the PUC is required to construct a Large Wind Energy Conversion System (LWECS), which is any combination of wind turbines and associated facilities with the capacity to generate five megawatts or more of electricity (Minnesota Statute Chapter 216F). This requirement became law in 1995. The rules to implement the permitting requirement for LWECS are in Minnesota Rules Chapter 7854. In accordance with Minnesota Rule 7854.0500 Subp.2., a site permit may not be issued until the certificate of need or other commitment requirement has been satisfied.

Comments and Recommendations, p. 3.¹ Also from the Commission's Order:

Site Criteria

34. Minnesota Rules chapter 7854 applies to the siting of Large Wind Energy Conversion Systems. The rules require an applicant to provide a substantial amount of information to allow the PUC to determine the potential environmental and human impacts of the proposed project and whether the project is compatible with environmental preservation, sustainable development, and the efficient use of resources. Minn. Rules Parts 7854.0500 through 7854.0600. The following analysis addresses the relevant criteria that are to be applied to a LWECS project.

Commission Order, p. 7². Similarly, the permit's Conclusions of Law are erroneous:

7. The Minnesota Public Utilities Commission has the authority under Minnesota Statutes section 216F.04 to establish conditions in site permits relating to site layout, construction and operation and maintenance of an LWECS. The conditions contained in the site permit issued to Wisconsin Power and Light Company for the Bent Tree Wind Project are appropriate and necessary and within the Minnesota Public Utilities Commission's authority.

Id. p. 19. The Order addresses various factors without reference to any source and concludes:

A LWECS Site Permit is hereby issued to Wisconsin Power and Light Company, to construct and operate the 201.3 megawatt Bent Tree Wind Project Phase I in Freeborn County in accordance with the conditions contained in the site permit and in compliance with the requirements of Minnesota Statute 216F.04 and Minnesota Rules Chapter 7854 for PUC Docket No. ET-6657/WS-08-573.

Id., p. 20.³

Under Minn. Stat. §216F.02, many provisions of Minn. Stat. Ch. 216F are exempted from the Power Plant Siting Act, but wind siting is expressly not exempted from the siting criteria of the Power Plant Siting Act, and PPSA siting criteria is expressly applicable:

216F.02 EXEMPTIONS.

(a) The requirements of chapter 216E do not apply to the siting of LWECS, except for sections [216E.01](#); [216E.03, subdivision 7](#); [216E.08](#); [216E.11](#); [216E.12](#); [216E.14](#); [216E.15](#); [216E.17](#); and [216E.18, subdivision 3](#), which do apply.

¹ Order, Commerce Comments and Recommendations, p.3, October 20, 2009, eDockets # [200910-43044-01](#)

² Order, p. 7, October 20, 2009, eDockets # [200910-43044-01](#)

³ Order, p. 20, October 20, 2009, eDockets # [200910-43044-01](#)

An unfortunate fact is that every wind siting permit issued in Minnesota has been sited improperly, not utilizing the siting criteria of Minn. Stat. §216E.03, Subd. 7, and instead using a vague laundry list of factors with unknown origin. Not one wind project issued in over more than a decade has been sited using the statutory criteria!⁴ As the Commission addresses the Bent Tree project and this motion, we ask that the Commission consider how to rectify this error.

B. FACTS -- HOW WE GOT TO WHERE WE ARE TODAY

Procedurally, the project and complaints have lumbered through the Complaint process outlined in the permit, Wisconsin Power & Light Company compliance filings, and the most recent Briefing Papers. See Complaint Process, Order, Permit, Attachment 2.⁵ See also Exhibit A, PUC's eDocket listing. In addition to the foreshadowing letter of Bernie Hagen's doctor⁶ submitted by Bernie Hagen at the June 2009 hearing, there was testimony by the Hagens and Dr. Carl Herbrandson of the Minnesota Department of Health raising specific noise concerns and the importance of modeling and process:

Dr. Carl Herbrandson of the Department of Health clarified aspects of the Department's White Paper.⁶⁸ He indicated that MDH was not recommending that additional noise testing should be done for the Project because at this point noise testing would occur too late in the process for this Project to be effective.⁶⁹ Rather, he expressed the opinion that modeling would be the more appropriate approach because it would "come up with the information on what to expect your exposures to be" after which the state and local authorities and citizens could make decisions on the acceptable levels.⁷⁰ Dr. Herbrandson also clarified that MDH had not made any specific evaluation of the Bent Tree Project, and that the White Paper had not been directed at that particular project but rather at developing a general process and at setting the framework for future processes.⁷¹

ALJ Summary of Public Testimony, p. 12.⁷ At the hearing, Judge Mihalchick had a question for Dr. Herbrandson regarding modeling, and he filed a comment in the docket, as requested by the

⁴ It is beyond the scope of this Motion, but the Commission needs to address this flaw in siting ASAP, in existing permits, and going forward as wind projects are permitted.

⁵ Order, Attachment 2, p. 1-3 (p. 58-60 of pdf), October 20, 2009, eDockets # [200910-43044-01](#)

⁶ Letter from Bernie Hagen's MD regarding existing hearing issues and risk of living in wind project, eDockets # [20097-39660-02](#).

⁷ ALJ Summary of Public Testimony, p. 12, PUC eDockets # [20098-41117-02](#).

judge. Exhibit D, Comment of MDH Dr. Herbrandson.⁸

The Comments and Recommendation of Commerce⁹ that followed had a paragraph about state agency comment, yet it only referenced the DNR and DOT, and there was no mention by Commerce of the testimony of the Department of Health or the later comment filed at Judge Mihalchick's request.

The Minnesota Department of Health's "Public Health Impacts of Wind Turbines" 2009 report is mentioned in the Comments, but only in relation to the Clay County wind project, and a letter from then MDH Commissioner Sanne Magnan, MD in that docket, dated August 13, 2009, inserted into the Bent Tree docket by DOC OES one month later on September 21, 2009, and two months after the comment period for the Bent Tree docket had closed on July 14, 2009.¹⁰ Commerce did not either address or present MDH testimony and Comment in the Bent Tree docket regarding concerns about noise or MDH recommendations regarding noise modeling to the Commission, and the permit "Findings of Fact" do not note MDH's Herbrandson's comments but do address the Clay County project letter inserted by DOC OES into the Bent Tree docket.¹¹ See PUC Docket 08-1449.

The Commission's Order has these provisions regarding noise:

2. RESIDENCES

Wind turbine towers shall not be located closer than 500 feet from the nearest residence, or the distance required to comply with the noise standards for Noise Area Classification I, established by the MPCA (paragraph III.E.3), whichever is greater.

Permit, p. 6.¹²

⁸ Comment of MDH Dr. Herbrandson, PUC eDockets # [20097-39262-01](#).

⁹ Commerce Comments and Recommendations, October 20, 2009, eDockets # [200910-43044-01](#)

¹⁰ DOC OES Comments – Attachment A 9/21/2009, PUC eDockets # [20099-42172-08](#).

¹¹ Order, p. 9-10, FoF 46 & specifically 48, October 20, 2009, eDockets # [200910-43044-01](#).

¹² Order, Site Permit, October 20, 2009, eDockets # [200910-43044-01](#).

3. NOISE

The wind turbine towers shall be placed such that the Permittee shall comply with noise standards established as of the date of this Permit by the Minnesota Pollution Control Agency at all times at all appropriate locations. The noise standards are found in Minnesota Rules Chapter 7030. Turbine operation shall be modified or turbines shall be removed from service if necessary to comply with this condition. The Permittee or its contractor may install and operate turbines, as close as the minimum setback required in this Permit but in all cases shall comply with PCA noise standards. The Permittee shall be required to comply with this condition with respect to all homes or other receptors in place as of the time of construction, but not with respect to such receptors built after construction of the towers.

Permit, p. 9.¹³

Although the Staff Briefing Papers for the April 6, 2017 meeting, and the Commission Order of August 24, 2016,¹⁴ first mention the complaints of September, 2015, but the complaints began much earlier than that. See, e.g., Langrud February 2010 complaints of noise and shadow flicker, Report – May Customer Complaint Report (2011).¹⁵ Bernie Hagen appeared before the Commission in March, 2011, with frustrations of inaction in response to his noise complaints:

Operational Sound Test Survey

Mr. Hagen also reiterated his concerns about turbine noise when he appeared before the Commission on March 10, 2011. A Commission order, dated March 14, 2011, approved of the “Operation Sound Level Survey Test Protocol” with the addition of a representative sample of unweighted one-third octave band-analysis, to be carried out in spring 2011. As David Engels and I discussed last week we expect it to include measurements in the vicinity of the Bernie Hagen residence to document turbine noise levels.

Commerce correspondence, 4/7/2011.¹⁶

Bent Tree’s noise “exceedences” in violation of permit conditions were established as early as June 21, 2011, in the Operational Sound Level Survey, per the Briefing Papers for the April 6, 2017 meeting.

¹³ Order, Site Permit, p. 9, October 20, 2009, eDockets # [200910-43044-01](#).

¹⁴ Commission Order, 8/24/2016, eDockets # [20168-124382-01](#).

¹⁵ Report – May Customer Complaint Report, Wisconsin Power & Light Company, 6/10/2011, PUC eDocket # [20116-63413-01](#).

¹⁶ Commerce Correspondence to Wisconsin Power & Light, 4/7/2011, PUC eDocket # [20114-61102-01](#).

In general, it was found that the sound levels produced exclusively by the project (after correction for background, local contamination, rain and turbine operation) were lower than the permissible noise limits the vast majority of the time; however, there were occasions when the project sound level apparently exceeded the limits either momentarily or for more extended periods of time at all positions in very high wind conditions. These excursions were rare and infrequent, however, generally occurring for a cumulative total of between 1 and 2% of time; i.e. over the observed survey period of 15 days. The specific results for the seven on-site receptor locations are tabulated below.

Operational Sound Level Survey, 6/21/2011.¹⁷ The 2011 “Operational Sound Level Survey” shows measured sound levels above 50 db(A).¹⁸ The presence of noise exceedences had also been noted in the November 2013 Compliance Review.¹⁹ Local residents, including Langrud and the Hagens continued to file noise complaints.

The Commission again ordered noise monitoring on August 24, 2016.²⁰ In December, 2016, both Langrud and the Hagens met, separately, with Wisconsin Power & Light’s staff and its attorney, but no resolution was reached. Two households remain, one other complainant moved, the order was amended,²¹ and subsequent monitoring was performed only at those two residences.

Commerce released the results of Phase I monitoring, which demonstrated “exceedences.”²² On to Bent Tree Wind Farm Noise Monitoring – Phase 2 Monitoring Report, which was released February 8, 2018, with results confirming the exceedences.²³

The results of the “on/off” campaign are documented in the attached Report. As indicated in the Report, if wind turbine contribution to total sound exceeds a level of 50 dBA at certain wind speeds, it can be reasonably determined that the wind turbines are the main contributor to exceedences during those conditions. The analysis shows that turbine contribution in excess of 50 dBA can occur at the Langrud property when

¹⁷ Compliance Filing – Operational Sound Level Survey, Parts 1 & 2, PUC eDockets # [20116-63863-01](#), [20116-63863-02](#).

¹⁸ Compliance Filing – Operational Sound Level Survey, Parts 1 & 2, PUC eDockets # [20116-63863-01](#), [20116-63863-02](#).

¹⁹ Compliance Review – Annual Compliance Review, pps. 4-5, November 2013. PUC eDocket # [201311-93866-01](#).

²⁰ Commission Order, 8/24/2016, PUC eDocket # [20168-124382-01](#).

²¹ Order Revising Noise Monitoring Requirements, 4/12/2017, PUC eDockets [20174-130726-01](#).

²² Bent Tree Noise Monitoring and Monitoring Report, 9/28/2017, PUC eDockets # [20179-135856-01](#).

²³ Bent Tree Noise Monitoring – Phase II Report, PUC eDockets # [20182-139880-01](#).

hub height wind speeds reach 11.5 m/s and higher, and extrapolated data in the report shows similar trends for the Hagen property.

We believe that completion of this “on/off” monitoring campaign fulfills the Commission’s August 24th order to conduct monitoring consistent with the guidance contained in the Large Wind Energy Conversion System Noise Study Protocol and Report. Because the report documents that there are periods during which Bent Tree Wind Farm turbines contribute significantly to total noise exceedances, EERA staff believes that noise standards indicated in Condition E. 3 of the Bent Tree Wind Farm LWECS site permit are not being met.

Cover letter, Phase 2 Monitoring Report.²⁴ The conclusion of the report states:

DNV GL has completed this Phase 2 post-construction noise assessment in accordance with the Phase 2 Post-Construction Noise Measurement Study Protocol (DNV GL Protocol) [3]. Relevant aspects of the IEC 61400-11 Ed 3 standard for wind turbine sound level measurements were also used as reference. More specifically, the assessment was requested by EERA due to an audit conducted in June 2017 [1] which showed total noise exceedances at two complaint receptors within the Project Area; the Hagen and Langrud receptors.

Based on the measured data and analysis, turbine contribution in excess of 50 dBA Leq can occur at the Langrud property when hub height wind speeds reach 11.5 m/s and higher, while extrapolated data shows similar trends for the Hagen property. Sound levels vary greatly depending on hub height wind speed, and wind direction to a lesser degree. Additional data collection would confirm which hub height speeds and direction combination cause exceedances, and would help validate the preliminary findings at the Hagen residence during higher wind speeds.

It is probable that the nearest turbine to the Langrud property is the primary contributor during exceedances. As well, preliminary findings indicate that the two turbines nearest the Hagen property may also contribute to noise exceedances, based on the turbine contribution calculations at lower wind speeds.

Id., p. 23. Monitoring was only performed at two locations,²⁵ and at those two locations, exceedances were demonstrated.

Langrud and Hagens have, through their attorney, requested the post-noise monitoring as directed by the Commission.²⁶

It is now February, 2018, a year and a half after the initial Commission order of noise monitoring in response to Langrud’s and Hagen’s complaints. It has been nearly seven years since the April 2011 noise report of Wisconsin Power & Light that showed exceedances of the MPCA noise rule and the permit’s noise condition. For all these years, Langruds and Hagens

²⁴ Cover letter, Bent Tree Noise Monitoring – Phase II Report, PUC eDockets # [20182-139880-01](#).

²⁵ Order Revising Noise Monitoring Requirements, 4/12/2017, PUC eDockets [20174-130726-01](#).

²⁶ Letter to Alliant attorney Andrew Hanson, 2/16/2018, PUC eDockets # [20182-140211-01](#).

have been living in circumstances that have taken away their ability to sleep, their health, and enjoyment of their property and their lives. Commission action is long overdue.

II. VIOLATIONS OF STATUTE, RULE AND SITE PERMIT CONDITION

Under Minnesota Statutes Sections § 216B.025 and 216F.04(d), Minnesota Rule 7854.1300, Subp. 4, and the Bent Tree site permit, the Commission has authority to revoke the Site Permit.²⁷

III. CONDITIONS

The following conditions shall apply to site preparation, construction, cleanup, restoration, operation, maintenance, abandonment, decommissioning and all other phases of the LWECs. The Commission preserves all available remedies for violation of any of these Permit conditions, including revocation or modification of the Permit.

Site Permit, Section III.

Noise monitoring has shown that the Bent Tree wind project has demonstrated exceedences of noise permitted by MPCA regulations. This was first shown in the 2011 noise monitoring, and again by both Phase I and Phase II of this most recent round of noise monitoring. The complaints of Langrud and Hagens have been ongoing for years, evidenced in the long list of complaints filed in the docket and in the compliance filings of Wisconsin Power & Light. They have yet to get relief. Wisconsin Power & Light Company has been on notice about the noise complaints since just after the project went online, and have been aware of the noise exceedences and permit violations since at least 2011, with the first Commission ordered noise monitoring. Wisconsin Power & Light Company has not corrected their problem. Further, because noise monitoring was only performed at two locations,²⁸ and because noise exceedences were demonstrated at both of those locations, logically, additional locations should be checked.

²⁷ Bent Tree Order and Permit, Site Permit p. 1, October 20, 2009, eDockets # [200910-43044-01](#)

²⁸ Order Revising Noise Monitoring Requirements, 4/12/2017, PUC eDockets [20174-130726-01](#).

Bent Tree's permit states:

The wind turbine towers shall be placed such that the Permittee shall comply with noise standards established as of the date of this Permit by the Minnesota Pollution Control Agency at all times at all appropriate locations. Turbine operation shall be modified or turbines shall be removed from service if necessary to comply with this condition.

Bent Tree Order and Site Permit, Permit p. 9.²⁹

Under the provisions of Minn. Stat. §§ 216B.025, 216F.04(d) and Minn. R. 7854.1300, Subp. 4, Langrud and the Hagens ask that the Commission issue an Order to Show Cause why this permit should not be revoked and that the Commission immediately refer this matter to the Office of Administrative Hearings for a hearing. In the interim, Langrud and Hagens request additional testing within the Bent Tree footprint, and request that turbines within 2,500 feet of their homes be immediately turned off pending resolution of this matter. In addition, the Commission needs to address siting wind permits using the Minn. Stat. §216E.03, Subd. 7 criteria.

Respectfully submitted,

February 19, 2018



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²⁹ Bent Tree Order and Permit, Site Permit p. 9, October 20, 2009, eDockets # [200910-43044-01](#)

BEFORE THE
MINNESOTA PUBLIC UTILITIES COMMISSION

Nancy Lange
Dan Lipschultz
Matt Schuerger
Katie Sieben
John A. Tuma

Chair
Commissioner
Commissioner
Commissioner
Commissioner

In the Matter of the Site Permit Issued to the
Wisconsin Power and Light Company for the
Bent Tree Project in Freeborn County.

PUC Docket No. ET6657/WS-08-573

AFFIDAVIT OF CAROL A. OVERLAND

IN SUPPORT OF

MOTION FOR ORDER TO SHOW CAUSE AND HEARING

DAVID LANGRUD AND BERNIE AND CHERYL HAGEN

STATE OF MINNESOTA)
) ss.
COUNTY OF GOODHUE)

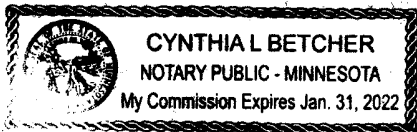
I, Carol A. Overland, after affirming, state and depose as follows:

1. I am an attorney licensed in good standing in the State of Minnesota, License No. 654217.
 2. I am representing David Langrud and Bernie and Cheryl Hagen in the above captioned matter.
 3. Together with Amy Wasson, I represented Safe Wind for Freeborn County during the project hearing in 2009.
-

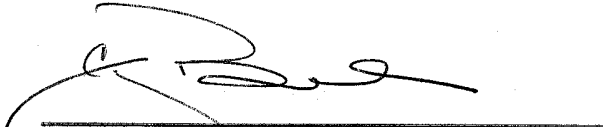
4. Attached as Exhibit A is a true and correct copy of the PUC's eDocket listing for the Bent Tree project as of February 18, 2018. This demonstrates the constant and relentless efforts of Langrud and Hagens seeking relief through the complaint process.
5. Attached as Exhibit B is a true and correct copy of a letter from Bernie Hagen's doctor at Veterans Affairs, entered as Exhibit 8 in the Bent Tree hearing. PUC eDockets # 20097-39660-02.
6. Attached as Exhibit C is a true and correct copy of the ALJ's Summary (selected pages) with the 2009 testimony of Bernie and Cheryl Hagen and Dr. Carl Herbrandson of the Minnesota Department of Health at that hearing. PUC eDockets # 20098-41117-02.
7. Attached as Exhibit D is a true and correct copy of the Comment of Dr. Herbrandson, MDH, in response to Judge Mihalchick's request for information regarding noise analysis and the MDH "Public Health Impacts of Wind Turbines" released in 2009. PUC eDockets # 20097-39262-01.

Further your affiant sayeth naught.

February ¹⁹~~20~~, 2018



Signed and affirmed before me this
19th day of February, 2018.



Notary Public

Carol A. Overland MN #254617
Attorney for Bernie & Cheryl Hagen
and Dave Langrud
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Exhibit A - Bent Tree Docket as of 2/18/2018
 Motion for Order to Show Cause & Hearing

Document ID	Class	Docket #	Docket Type	On Behalf Of	Document Type	Received Date
20182-140187-03	PUBLIC	08-573	WS	PUC	NOTICE OF COMMISSION MEETING--MARCH 1, 2018	02/16/2018
20182-140211-01	PUBLIC	08-573	WS	DAVID LANGRUD AND BERNIE AND CHERYL HAGEN	LETTER--LETTER TO HANSON ALLIANT RE COMMISSION DIRECTED MEETING	02/16/2018
20182-140095-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--JANUARY 2018 COMPLAINT REPORT	02/14/2018
20182-139880-01	PUBLIC	08-573	WS	DOC EERA	REPORT	02/08/2018
20182-139899-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	LETTER--RESPONSE TO THE CONSTRUCTION NOISE REPORT.	02/08/2018
20181-139440-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--PROJECT ENERGY PRODUCTION REPORT	01/29/2018
20181-139440-02	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--PROJECT ENERGY PRODUCTION REPORT	01/29/2018
20181-139440-03	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--PROJECT ENERGY PRODUCTION ANNUAL REPORT	01/29/2018
20181-138843-01	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2017	01/12/2018
20181-138843-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2017 POWER	01/12/2018
20181-138843-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2017 WIND TEMP	01/12/2018
20181-138843-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2017 WIND TEMP	01/12/2018
20181-138843-05	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2017 ENERGY PRODUCTION REPORT	01/12/2018
20181-138779-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--DECEMBER 2017 COMPLAINT REPORT	01/10/2018
201712-138201-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--NOVEMBER 2017 COMPLAINT REPORT	12/15/2017
201711-137329-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--OCTOBER 2017 COMPLAINT REPORT	11/14/2017
201710-136810-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	NOTICE OF APPEARANCE--BERNIE AND CHERYL HAGEN	10/25/2017
201710-136811-01	PUBLIC	08-573	WS	DAVID LANGRUD AND BERNIE AND CHERYL HAGEN	LETTER--- COMMERCE AND PUC FROM LANGRUD AND HAGENS	10/25/2017

Exhibit A - Bent Tree Docket as of 2/18/2018
 Motion for Order to Show Cause & Hearing

Document ID	Class	Docket #	Docket Type	On Behalf Of	Document Type	Received Date
201710-136434-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--PROJECT ENERGY PRODUCTION REPORT	10/12/2017
201710-136434-02	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--3 QTR. 2017 POWER REPORT	10/12/2017
201710-136434-03	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--3 QTR. 2017 POWER REPORT	10/12/2017
201710-136434-04	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--3 QTR. 2017 WIND TEMP REPORT	10/12/2017
201710-136434-05	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--3 QTR. 2017 WIND TEMP REPORT	10/12/2017
201710-136440-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SEPTEMBER 2017 COMPLAINT REPORT	10/12/2017
201710-136370-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	LETTER--NOISE MONITORING REPORT	10/11/2017
201710-136217-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--HEALTH EFFECTS BENT TREE	10/09/2017
201710-136220-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--HEALTH EFFECTS BENT TREE_PART 1 OF 2	10/09/2017
201710-136220-02	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--HEALTH EFFECTS BENT TREE_PART 2 OF 2	10/09/2017
20179-135856-01	PUBLIC	08-573	WS	DOC EERA	REPORT	09/28/2017
20179-135639-01	PUBLIC	08-573	WS	DAVE LANGRUD	LETTER--DATA PRACTICES ACT REQUEST SOUND MONITORING	09/19/2017
20179-135546-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--AUGUST 2017 COMPLAINT REPORT	09/15/2017
20178-134698-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--JULY 2017 COMPLAINT REPORT	08/15/2017
20177-133788-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--PROJECT ENERGY PRODUCTION REPORT	07/12/2017
20177-133788-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2 QTR. 2017 POWER REPORT	07/12/2017
20177-133788-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2 QTR. 2017 POWER REPORT	07/12/2017
20177-133788-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2 QTR. 2017 WIND TEMP REPORT	07/12/2017
20177-133788-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2 QTR. 2017 WIND TEMP REPORT	07/12/2017

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20177-133789-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- COMPLAINT REPORT - JUNE 2017	07/12/2017
20176-132779-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--MAY 2017 COMPLAINT REPORT	06/14/2017
20176-132792-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING	06/14/2017
20176-132697-01	PUBLIC	08-573	WS	DAVID LANGRUD	LETTER--LETTER RE WIND TURBINES OFF DURING SOUND MONITORING	06/10/2017
20176-132576-04	PUBLIC	08-573	WS	PUC	MINUTES--APRIL 6, 2017 AGENDA	06/05/2017
20175-132232-02	PUBLIC	08-573	WS	KRISTI ROSENQUIST	PUBLIC COMMENT-- ENVIRONMENTAL NOISE POLLUTION HAS PUBLIC HEALTH BECOME TOO UTILITARIAN	05/26/2017
20175-132234-01	PUBLIC	08-573	WS	KRISTI ROSENQUIST	PUBLIC COMMENT--EMAIL DATED 05 19 17 TO PAUL ALWOOD ET AL RE NOISE STUDY FROM LINOWES AND ROSENQUIST	05/26/2017
20175-131858-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--APRIL 2017 COMPLAINT REPORT	05/15/2017
20175-131665-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMMENTS	05/08/2017
20174-130800-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- TRADE SECRET JUSTIFICATION	04/14/2017
20174-130800-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- TRANSMITTAL LETTER	04/14/2017
20174-130800-03	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--Q1 BT POWER	04/14/2017
20174-130800-04	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--Q1 BT POWER	04/14/2017
20174-130800-05	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--Q1 WIND TEMP	04/14/2017
20174-130800-06	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--Q1 WIND TEMP	04/14/2017
20174-130743-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- COMPLAINT REPORT - MARCH 2017	04/13/2017
20174-130726-01	PUBLIC	08-573	WS	PUC	ORDER--ORDER REVISING NOISE MONITORING REQUIREMENTS	04/12/2017

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20174-130726-02	PUBLIC	08-573	WS	PUC	ORDER--CERTIFICATE OF SERVICE AND SERVICE LISTS	04/12/2017
20174-130701-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	EXTENSIONVARIANCE REQUEST	04/11/2017
20173-130362-01	PUBLIC	08-573	WS	PUC	BRIEFING PAPERS--APRIL 6 2017 AGENDA	03/30/2017
20173-130319-01	PUBLIC	08-573	WS	DAVID LANGRUD	LETTER--TO LOUISE MILTICH RE MONITOR LOCATIONS	03/29/2017
20173-130252-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--RESPONSE TO COMMERCE BENT TREE HEALTH EFFECTS	03/27/2017
20173-130228-03	PUBLIC	08-573	WS	PUC	NOTICE OF COMMISSION MEETING--APRIL 6 2017	03/24/2017
20173-130228-07	PUBLIC	08-573	WS	PUC	NOTICE OF COMMISSION MEETING--CERTIFICATE OF SERVICE AND SERVICE LIST	03/24/2017
20173-130066-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--BENT TREE HEALTH EFFECTS	03/20/2017
20173-129886-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- FEBRUARY 2017 COMPLAINT REPORT	03/15/2017
20173-129910-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPLY COMMENTS--ON MOTION TO AMEND ORDER	03/15/2017
20173-129852-01	PUBLIC	08-573	WS	DOC-EERA	LETTER	03/14/2017
20173-129784-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--BENT TREE HEALTH EFFECTS	03/10/2017
20173-129718-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--BENT TREE HEALTH EFFECTS	03/08/2017
20173-129603-01	PUBLIC	08-573	WS	DOC EERA	REPORT	03/02/2017
20172-129269-01	PUBLIC	08-573	WS	PUC	NOTICE OF COMMENT PERIOD--ON MOTION TO AMEND ORDER	02/22/2017
20172-129269-02	PUBLIC	08-573	WS	PUC	NOTICE OF COMMENT PERIOD--CERTIFICATE OF SERVICE AND SERVICE LISTS	02/22/2017
20172-129165-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	OTHER--BENT TREE WIND COMPLEX HEALTH EFFECTS	02/17/2017
20172-129166-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--BENT TREE WIND COMPLEX HEALTH EFFECTS	02/17/2017
20172-129031-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--BENT TREE WIND COMPLEX HEALTH EFFECTS	02/14/2017

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20172-129062-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--JANUARY 2017 COMPLAINT REPORT	02/14/2017
20172-128986-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	MOTION--REQUESTS THAT THE ORDER BE AMENDED TO NO LONGER REQUIRE TARGETED SOUND MONITORING AT STATED PROPERTY.	02/10/2017
20172-128872-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--HEALTH EFFECTS BENT TREE WIND COMPLEX	02/07/2017
20171-128137-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--PROJECT ENERGY PRODUCTION REPORT	01/17/2017
20171-128137-02	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ENERGY PRODUCTION ANNUAL REPORT	01/17/2017
20171-128137-03	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ENERGY PRODUCTION ANNUAL REPORT	01/17/2017
20171-128067-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--TRADE SECRET JUSTIFICATION FOR QUARTERLY ENERGY PRODUCTION REPORT	01/13/2017
20171-128045-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2016 QUARTERLY ENERGY PRODUCTION	01/12/2017
20171-128045-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2016 POWER PRODUCTION REPORT	01/12/2017
20171-128045-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2016 POWER PRODUCTION REPORT	01/12/2017
20171-128045-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2016 PROJECT ENERGY PRODUCTION REPORT_WIND-TEMP	01/12/2017
20171-128045-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--4TH QTR. 2016 PROJECT ENERGY PRODUCTION REPORT_WIND-TEMP	01/12/2017
20171-127991-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--WISCONSIN POWER AND LIGHT COMPANYS COMPLIANCE UPDATE	01/11/2017
20171-127999-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--DECEMBER 2016 COMPLAINT REPORT	01/11/2017

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20171-127964-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--HEALTH EFFECTS BENT TREE WIND COMPLEX	01/10/2017
201612-127630-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	COMMENTS--HEALTH EFFECTS WIND PROJECTS ARTICLE	12/28/2016
201612-127524-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER	12/22/2016
201612-127459-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	COMMENTS--BENT TREE HEALTH EFFECTS	12/20/2016
201612-127465-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--BENT TREE HEALTH EFFECTS	12/20/2016
201612-127384-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	COMMENTS--BENT TREE HEALTH EFFECTS	12/16/2016
201612-127301-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--NOVEMBER 2016 COMPLAINT REPORT	12/14/2016
201612-127238-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- COMPLAINT UPDATE	12/12/2016
201612-127174-01	PUBLIC	08-573	WS	DAVID LANGRUD	NOTICE OF APPEARANCE-- LIMITED REPRESENTATION	12/09/2016
201612-127094-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--HEALTH EFFECTS BENT TREE	12/06/2016
201611-126452-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- OCTOBER 2016 COMPLAINT REPORT	11/14/2016
201611-126317-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--HEALTH EFFECTS BENT TREE WIND COMPLEX	11/07/2016
201611-126318-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--BENT TREE LARGE WIND ENERGY CONVERSION SYSTEM	11/07/2016
201611-126289-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER	11/04/2016
201610-126123-01	PUBLIC	08-573	WS	BERNIE HAGEN, CHERYL HAGEN, GWYN REGHER, DAVE LANGRUD	LETTER--CITIZENS RESPONSE TO COMMERCE	10/31/2016
201610-126051-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--HEALTH COMPLAINTS WIND FARM	10/28/2016
201610-125809-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	LETTER--ADDITIONAL INFORMATION ON SUGGESTED NOISE CONSULTANTS	10/18/2016
201610-125754-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT - 3RD QTR. 2016 PROJECT ENERGY PRODUCTION REPORT	10/17/2016

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201610-125754-02	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--3RD QTR. 2016 PROJECT ENERGY PRODUCTION REPORT_WIND-TEMP	10/17/2016
201610-125754-03	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--3RD QTR. 2016 PROJECT ENERGY PRODUCTION REPORT_WIND-TEMP	10/17/2016
201610-125754-04	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--3RD QTR. 2016 PROJECT ENERGY PRODUCTION REPORT_POWER	10/17/2016
201610-125754-05	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--3RD QTR. 2016 PROJECT ENERGY PRODUCTION REPORT_POWER	10/17/2016
201610-125695-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SEPTEMBER 2016 COMPLAINT REPORT	10/14/2016
201610-125429-01	PUBLIC	08-573	WS	MARIE MCNAMARA	PUBLIC COMMENT--COMMENTS ON BENT TREE 08 573	10/05/2016
201610-125348-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY AN ALLIANT ENERGY COMPANY	LETTER--NOISE CONSULTANT SUBMISSION PER AUG 24 COMMISSION ORDER REQUIRING NOISE MONITORING	10/03/2016
201610-125371-01	PUBLIC	08-573	WS	DOC	LETTER--NOISE CONSULTANT REQUEST FOR RECOMMENDATIONS PER AUG 24 COMMISSION ORDER REQUIRING NOISE MONITORING	10/03/2016
20169-124848-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--AUGUST 2016 COMPLAINT REPORT	09/14/2016
20169-124853-01	PUBLIC	08-573	WS	BERNIE HAGEN, CHERYL HAGEN, GWYN REGHER DAVE LANGRUD	LETTER--REQUEST COMMISSION TO RESOLVE COMPLAINTS	09/14/2016
20169-124578-05	PUBLIC	08-573	WS	PUC	MINUTES--JULY 29, 2016 AGENDA	09/01/2016
20168-124382-01	PUBLIC	08-573	WS	PUC	ORDER--ORDER REQUIRING NOISE MONITORING, NOISE STUDY, AND FURTHER STUDY	08/24/2016
20168-124382-02	PUBLIC	08-573	WS	PUC	ORDER--CERTIFICATE OF SERVICE AND SERVICE LIST	08/24/2016
20168-124353-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN	LETTER--BENT TREE HEALTH COMPLAINTS	08/23/2016

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20168-124109-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--JULY 2016 COMPLAINT REPORT	08/12/2016
20168-123861-02	PUBLIC	08-573	WS	CAROL A. OVERLAND	LETTER--CORRESPONDENCE REGARDING CH 7030 WIND NOISE RULES AND CH 7854 SITING STANDARDS	08/02/2016
20168-123862-01	PUBLIC	08-573	WS	CAROL A. OVERLAND	WITHDRAWAL--WITHDRAWAL OF COUNSEL	08/02/2016
20167-123717-01	PUBLIC	08-573	WS	BERNIE G. HAGEN	LETTER	07/29/2016
20167-123718-01	PUBLIC	08-573	WS	CHERYL D. HAGEN	LETTER	07/29/2016
20167-123720-01	PUBLIC	08-573	WS	CHERYL HAGEN	LETTER	07/29/2016
20167-123721-01	PUBLIC	08-573	WS	PEGGY BENNETT	LETTER--HEALTH PROBLEMS BENT TREE	07/29/2016
20167-123722-01	PUBLIC	08-573	WS	BERNIE AND CHERYL HAGEN GWYN REGEHR DAVID LANGRUD	LETTER	07/29/2016
20167-123723-01	PUBLIC	08-573	WS	GWYN REGEHR	LETTER--BENT TREE HEALTH PROBLEMS	07/29/2016
20167-123724-01	PUBLIC	08-573	WS	DAVE LANGRUD	LETTER--BENT TREE HEALTH PROBLEMS	07/29/2016
20167-123725-01	PUBLIC	08-573	WS	GLEN MATHIASON, FREEBORN COUNTY COMMISSIONER	LETTER--HEALTH EFFECTS BENT TREE	07/29/2016
20167-123726-01	PUBLIC	08-573	WS	BERNIE HAGEN, CHERYL HAGEN, GWYN REGEHR, DAVE LANGRUD	OTHER--BENT TREE HEALTH PROBLEMS SUMMARY	07/29/2016
20167-123715-01	PUBLIC	08-573	WS	PUC	BRIEFING PAPERS--REVISED DECISION OPTIONS - JULY 29, 2016	07/28/2016
20167-123719-01	PUBLIC	08-573	WS	FREEBORN COUNTY COMMISSIONER	LETTER--BENT TREE HEALTH PROBLEMS	07/28/2016
20167-123481-01	PUBLIC	08-573	WS	PUC	BRIEFING PAPERS--JULY 29, 2016 AGENDA	07/21/2016
20167-123329-05	PUBLIC	08-573	WS	PUC	NOTICE OF COMMISSION MEETING--JULY 29, 2016	07/15/2016
20167-123329-10	PUBLIC	08-573	WS	PUC	NOTICE OF COMMISSION MEETING--CERTIFICATE OF SERVICE AND SERVICE LISTS	07/15/2016
20167-123232-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--COMPLAINT REPORT - JUNE 2016	07/13/2016

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20167-123197-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - PROJECT ENERGY PRODUCTION REPORT	07/12/2016
20167-123197-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--Q2 2016 BT POWER	07/12/2016
20167-123197-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--Q2 2016 BT POWER	07/12/2016
20167-123197-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--Q2 2016 BT WIND-TEMP	07/12/2016
20167-123197-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--Q2 2016 BT WIND-TEMP	07/12/2016
20166-122549-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--SOUND PRESSURE LEVEL MEASUREMENTS OF INFRASOUND INSIDE HOME SHIRLEY WIND	06/24/2016
20166-122550-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--APPLYING BRADFORD HILL CRITERIA OF CAUSATION	06/24/2016
20166-122551-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--CURRICULUM VITAE_DR. ROBERT MCMURTRY	06/24/2016
20166-122552-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--INFRASOUND AND LOW FREQUENCY NOISE CASE STUDY	06/24/2016
20166-122553-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--OCCUPATIONAL HEALTH AND INDUSTRIAL WIND TURBINES CASE STUDY	06/24/2016
20166-122555-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--CURRICULUM VITAE_ALEX SALT PHD BIO	06/24/2016
20166-122556-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--ALEC N SALT PHD PUBLICATIONS UPDATED 2013	06/24/2016
20166-122557-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--PAUL D SCHOMER PHD RESUME	06/24/2016
20166-122558-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--CULLERIN RANGE WIND FARM SURVEY AUGUST 2012	06/24/2016

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20166-122559-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--ANNOYANCE DUE TO WIND TURBINE_ EJA PEDERSENA) AND KERSTIN PERSSON WAYE	06/24/2016
20166-122560-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--WIND TUBINE NOISE PUBLICATION_ EJA PEDERSEN, KERSTIN PERSSON WAYE	06/24/2016
20166-122561-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--NOISE FROM MODERN WIND FARMS IN THE NETHERLANDS	06/24/2016
20166-122562-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--NOISE AND HEALTH VOL 14 NO 60 PGS 237 TO 243	06/24/2016
20166-122563-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--BULLETTIN OF SCIENCE TECHNOLOGY AND SCIENCE VOL 31 NO. 334 2011	06/24/2016
20166-122565-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--MACARTHUR WIND FACILITY PRELIMINARY SURVEY	06/24/2016
20166-122566-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--CULLERIN RANGE WIND FARM SURVEY FOLLOWUP SURVEY JULY TO AUG 2013	06/24/2016
20166-122567-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--WATERLOO CASE SERIES PRELIMINARY REPORT	06/24/2016
20166-122599-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--INAGAKI IN INT J ENVIRON SCI TECHNOL 2015 NO 12 PGS 1933-1944	06/24/2016
20166-122600-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--22ND INTERNATIONAL CONGRESS ON SOUND AND VIBRATION FORENCE ITALY	06/24/2016
20166-122602-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--EURONOISE 2015 BRANCO ET AL CONTRIBUTIONS FROM PORTUGUESE WIND TURBINE CASE	06/24/2016
20166-122604-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--CASE STUDY OF MANJILWIND FARM IN N IRAN FLUCTUATION AND NOISE LTRS	06/24/2016

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20166-122615-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--2016 ICD 10 CM DIAGNOSIS CODE T75 23 VERTIGO FROM INFRASOUND	06/24/2016
20166-122554-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--HHS PUBLIC ACCESS MANUSCRIPTS_ RESPONSES OF THE EAR TO LOW FREQUENCY SOUNDS, INFRASOUND AND WIND TURBINES	06/23/2016
20166-122564-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--WIND FARM GENERATED NOISE AND ADVERSE HEALTH EFFECTS_BOB THORNE	06/23/2016
20166-122375-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--SPANISH_INFRASOUND AND LOW FREQUENCY NOISE DOSE RESPONSESLVES_MARIANA ALVES-PEREIRA E NUNO A. AND A. CASTELO BRANCO	06/20/2016
20166-122376-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--INFRASOUND AND LOW FREQUENCY NOISE DOSE RESPONSESLVES_ALVES PEREIRA AND BRANCO	06/20/2016
20166-122377-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--KROGH AND HORNER_HEALTH CANADA WIND TURBINE NOISE AND HEALTH STUDY	06/20/2016
20166-122378-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--DIAGNOSTIC CRITERIA FOR ADVERSE HEALTH EFFECTS IN THE ENVIRONS OF WIND TURBINES	06/20/2016
20166-122379-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--POLISH JOURNAL OF VETERINARY SCIENCES 16 4 PGS 579 THRU 686	06/20/2016
20166-122380-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--PUNCH AND JAMES 2014 NEGATIVE HEALTH EFFECTS OF NOISE FROM INDUSTRIAL WIND TURBINES	06/20/2016
20166-122381-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--WIND TURBINE NOISE COMPLAINT PREDICTIONS	06/20/2016

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20166-122382-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- CITIZENS REQUESTED A CRITIQUE OF GUIDANCE FOR LARGE WIND ENERGY CONVERSION SYSTEM NOISE STUDY PROTOCOL_RICK JAMES	06/20/2016
20166-122383-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- PERCEPTION BASED PROTECTION FROM LFN SOUNDS MAY NOT BE ENOUGH_SALT AND LICHTENHAN	06/20/2016
20166-122384-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- RESPONSES OF THE INNER EAR TO INFRASOUND_SALT AND LICHTENHAN	06/20/2016
20166-122385-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- NUMERICAL SIMULATION OF INFRASOUND PERCEPTION WITH REFERENCE TO PRIOR REPORTED LAB EFFECTS_SWINBANKS	06/20/2016
20166-122386-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--FIRST INTERNATIONAL SYMPOSIUM ON ADVERSE HEALTH EFFECTS FROM WIND TURBINES	06/20/2016
20166-122387-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--COOPER S MEASUREMENT OF INFRASOUND AND LOW FREQUENCY NOISE FOR WIND FARMS AMENDED	06/20/2016
20166-122409-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- BULLETIN OF SCIENCE TECHNOLOGY AND SOCIETY VOL 31 ISSUE 4 PGS 296 TO 302	06/20/2016
20166-122411-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- ACOUSTICS TODAY IN WINTER 2014 PGS 20 TO 29	06/20/2016
20166-122412-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--WIND TURBINES CAN BE HAZARDOUS TO HUMAN HEALTH	06/20/2016
20166-122413-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--J ACOUST SOC AM VOL 133 ISSUE 3 PGS 1561 TO 1571	06/20/2016
20166-122416-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--THE ACOUSTIC GROUP REPORT	06/20/2016

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20166-122417-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- DISTRIBUTED GENERATION INTERCONNECTION REPORT	06/20/2016
20166-122418-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- SCHOMER THEORY TO EXPLAIN PHYSIOLOGICAL EFFECTS VOL 137 NO 3 MARCH 2015	06/20/2016
20166-122419-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--REPORT NO 122412 1 ON SHIRLEY WIND FARM IN BROWN COUNTY WI	06/20/2016
20166-122420-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--LETTER TO THE ZONING BOARD OF APPEALS FROM	06/20/2016
20166-122421-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- TECHNICAL MEMO	06/20/2016
20166-122422-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--PEER REVIEW OF NCE REPORT AND KAPSAMBELIS PRESSURE WAVE FROM WIND TURBINES	06/20/2016
20166-122430-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- STELLING INFRA SOUND AND LOW FREQUENCY NOISE AND INDUSTRIAL WIND TURBINES	06/20/2016
20166-122432-02	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- SUMMARY KROGH REFERENCES APRIL 2015	06/20/2016
20166-122434-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT--CARL V PHILLIPS MPP PHD CURRICULUM VITAE	06/20/2016
20166-122435-01	PUBLIC	08-573	WS	PUBLIC CITIZENS	PUBLIC COMMENT-- BULLETIN OF SCIENCE TECHNOLOGY AND SOCIETY 2011 VOL 31 NO 4 PGS 303	06/20/2016
20166-122263-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--MAY CUSTOMER COMPLAINT REPORT	06/15/2016
20166-122206-01	PUBLIC	08-573	WS	CHERYL HAGEN	LETTER--JUNE 5 NOISE COMPLAINT RESPONSE TO ALLIANT ENERGY	06/14/2016
20166-122227-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--UPDATED COMMUNICATION	06/14/2016
20166-122161-01	PUBLIC	08-573	WS	DAVE LANGRUD	COMMENTS--COMPLAINT OF HEALTH EFFECTS PROXIMITY TO TURBINES	06/13/2016

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20165-121593-01	PUBLIC	08-573	WS	DOC EERA	LETTER--COMPLAINT RESPONSE TO COMMISSION REQUEST	05/24/2016
20165-121309-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT - APRIL 2016	05/13/2016
20165-121315-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	LETTER--UPDATED COMMUNICATION	05/13/2016
20165-121187-01	PUBLIC	08-573	WS	GWYN REGEHR	PUBLIC COMMENT-- REACTION TO BENT TREE FILING EARLIER TODAY	05/10/2016
20165-121171-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REQUEST TO UPDATE SERVICE LIST--REQUEST TO UPDATE SERVICE LIST	05/09/2016
20165-121172-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- ATTACHMENT C_1 OF 2	05/09/2016
20165-121172-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- ATTACHMENT C_2 OF 2	05/09/2016
20165-121172-03	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- ATTACHMENT D	05/09/2016
20165-121172-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- ATTACHMENT E- F	05/09/2016
20165-121172-05	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- ATTACHMENT G	05/09/2016
20165-121172-06	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- ATTACHMENT H - Q	05/09/2016
20165-121172-07	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- ATTACHMENT R - X	05/09/2016
20165-121172-08	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING-- PERMIT COMPLIANCE REVIEW AND ATTACHMENT A - B	05/09/2016
20165-121116-01	PUBLIC	08-573	WS	GWYNNETH REGEHR	LETTER--COMPLAINT RESPONSE TO COMMISSION REQUEST	05/06/2016
20165-121117-01	PUBLIC	08-573	WS	CHERYL HAGEN	LETTER--COMPLAINT RESPONSE TO COMMISSION REQUEST	05/06/2016
20165-121118-01	PUBLIC	08-573	WS	BERNIE HAGEN	LETTER--COMPLAINT RESPONSE TO COMMISSION REQUEST	05/06/2016
20164-120642-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--HESSLER AND ASSOCIATES INC. WIND STUDY REPORT	04/26/2016

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20164-120620-01	PUBLIC	08-573	WS	PUC	LETTER--LETTER RE BENT TREE WIND PROJECT - COMPLIANCE REVIEW - COMMISSION COMPLAINT RESPONSE	04/25/2016
20164-120620-02	PUBLIC	08-573	WS	PUC	LETTER--CERTIFICATE OF SERVICE AND SERVICE LIST	04/25/2016
20164-120154-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--MARCH 2016 CUSTOMER COMPLAINT REPORT	04/15/2016
20164-119948-01	PUBLIC	08-573	WS	DOC EERA	COMPLIANCE REVIEW--REVIEW OF FEB 2016 COMPLAINT REPORT COMPLIANCE FILING	04/12/2016
20164-119986-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--QUARTERLY ENERGY PRODUCTION REPORT - SITE PERMIT COMPLIANCE FILING	04/12/2016
20164-119986-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--Q1 - WIND TEMP	04/12/2016
20164-119986-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--Q1 - WIND TEMP	04/12/2016
20164-119986-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--Q1 - POWER	04/12/2016
20164-119986-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--Q1 - POWER	04/12/2016
20163-119136-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--FEBRUARY 2016 COMPLAINT REPORT	03/15/2016
20162-118269-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT - JANUARY 2016	02/12/2016
20161-117673-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--PROJECT ENERGY PRODUCTION REPORT	01/26/2016
20161-117673-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2015 ENERGY PRODUCTION REPORT	01/26/2016
20161-117673-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2015 ENERGY PRODUCTION REPORT	01/26/2016
20161-117469-01	PUBLIC	08-573	WS	KRISTI ROSENQUIST	PUBLIC COMMENT--RICK JAMES MN GUIDANCE PART 1	01/20/2016

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20161-117470-01	PUBLIC	08-573	WS	KRISTI ROSENQUIST	PUBLIC COMMENT--NOISE INCE VERSION OF JAMES BRAY PART 2	01/20/2016
20161-117300-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--QUARTERLY ENERGY PRODUCTION REPORT	01/15/2016
20161-117300-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--BT POWER	01/15/2016
20161-117300-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--BT POWER_TS	01/15/2016
20161-117300-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--WIND-TEMP	01/15/2016
20161-117300-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--WIND TEMP	01/15/2016
20161-117263-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--DECEMBER 2015 CUSTOMER COMPLAINT REPORT	01/14/2016
20161-117065-01	PUBLIC	08-573	WS	CHERYL HAGEN	PUBLIC COMMENT	01/08/2016
201512-116595-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--NOVEMBER CUSTOMER COMPLAINT REPORT	12/17/2015
201511-115908-01	PUBLIC	08-573	WS	KRISTI ROSENQUIST	OTHER--WIND TURBINE NOISE MEETING MAY 3, 2013	11/24/2015
201511-115859-01	PUBLIC	08-573	WS	BARBARA STUSSY, GWYN REGEHR	PUBLIC COMMENT--LETTER REGARDING BENT TREE WIND FARM COMPLAINING ABOUT NOISE DISTURBINCE.	11/23/2015
201511-115748-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--OCTOBER 2015 CUSTOMER COMPLAINT REPORT	11/17/2015
201510-114771-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--COVER LTR, AFF, SL, JUSTIFICATION AND REPORT	10/13/2015
201510-114771-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A_Q3_HOURLY POWER	10/13/2015
201510-114771-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A_Q3_HOURLY POWER	10/13/2015
201510-114771-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B_Q3_HOURLY TEMP	10/13/2015
201510-114771-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B_Q3_HOURLY TEMP	10/13/2015
201510-114771-06	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C_Q3_HOURLY WIND	10/13/2015

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201510-114771-07	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C_Q3_HOURLY WIND	10/13/2015
201510-114774-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING-COMPLAINT REPORT SEPTEMBER 2015	10/13/2015
20159-113995-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT AUGUST 2015	09/15/2015
20158-113237-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - JULY 2015 COMPLAINT REPORT	08/14/2015
20157-112461-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--QUARTERLY ENERGY PRODUCTION REPORT - Q2	07/15/2015
20157-112461-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A	07/15/2015
20157-112461-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A	07/15/2015
20157-112461-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B	07/15/2015
20157-112461-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B	07/15/2015
20157-112461-06	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C	07/15/2015
20157-112461-07	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C	07/15/2015
20157-112462-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--JUNE 2015 COMPLAINT REPORT	07/15/2015
20156-111460-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--MAY 2015 COMPLAINT REPORT	06/15/2015
20155-110161-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - APRIL 2015 COMPLAINT REPORT	05/06/2015
20154-109281-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--MARCH 2015 COMPLAINT REPORT	04/15/2015
20154-109288-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--CVR LTR, AFF, SVC LIST, TS JUSTIFICATION	04/15/2015
20154-109288-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A 2015 PRODUCTION DATA-Q1	04/15/2015

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20154-109288-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A 2015 PRODUCTION DATA-Q1_TS	04/15/2015
20154-109288-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B 2015 PRODUCTION DATA-Q1	04/15/2015
20154-109288-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B 2015 PRODUCTION DATA-Q1_TS	04/15/2015
20154-109288-06	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C 2015 PRODUCTION DATA-Q1	04/15/2015
20154-109288-07	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A 2015 PRODUCTION DATA-Q1_TS	04/15/2015
20153-108168-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - FEBRUARY 2015 COMPLAINT REPORT	03/13/2015
20152-107357-04	PUBLIC	08-573	WS	KRISTI ROSENQUIST	PUBLIC COMMENT--ACOUSTIC TESTING AT CAPE BRIDGEWATER WIND FARM	02/17/2015
20152-107362-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--JANUARY 2015 COMPLAINT REPORT	02/17/2015
20152-106975-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--COVERLTR, AFF, SVCLIST, AND JUSTIFCATION FOR TS INFORMATION	02/02/2015
20152-106975-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--PROJECT ENERGY PRODUCTION REPORT - PUBLIC	02/02/2015
20152-106975-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--PROJECT ENERGY PRODUCTION REPORT - TS	02/02/2015
20151-106281-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--COVER LTR, AFFIDAVIT, SL AND TS JUSTIFICATION	01/16/2015
20151-106281-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A 2014 PRODUCTION DATA-Q4	01/16/2015
20151-106281-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A 2014 PRODUCTION DATA-Q4_TS	01/16/2015
20151-106281-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B 2014 TEMPERATURE DATA-Q4	01/16/2015
20151-106281-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B 2014 TEMPERATURE DATA-Q4_TS	01/16/2015

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20151-106281-06	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C 2014 WINDA DATA-Q4	01/16/2015
20151-106281-07	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C 2014 WINDA DATA-Q4_TS	01/16/2015
20151-106190-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--DECEMBER 2014 COMPLAINT REPORT	01/15/2015
201412-105378-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - NOV 2014 COMPLAINT REPORT	12/15/2014
201411-104632-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--OCTOBER 2014 COMPLAINT REPORT	11/13/2014
201410-103892-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--COVER LETTER, AFFIDAVIT, SERVICE LIST, AND TS JUSTIFICATION	10/15/2014
201410-103892-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A 2014 PRODUCTION DATA-Q3	10/15/2014
201410-103892-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A 2014 PRODUCTION DATA-Q3.TS	10/15/2014
201410-103892-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B 2014 PRODUCTION DATA-Q3	10/15/2014
201410-103892-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B 2014 PRODUCTION DATA-Q3.TS	10/15/2014
201410-103892-06	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C 2014 PRODUCTION DATA-Q3	10/15/2014
201410-103892-07	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C 2014 PRODUCTION DATA-Q3.TS	10/15/2014
201410-103893-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SEPTEMBER 2014 COMPLAINT REPORT	10/15/2014
201410-103902-09	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--ILLINOIS LEAKS DUKE ENERGY SHIRLEY WIND FARM DECLARED HEALTH HAZARD 10 14 14	10/15/2014
20149-103038-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - AUGUST 2014 COMPLAINT REPORT	09/15/2014
20148-102411-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT CONDITION-COMPLAINT REPORT JULY 2014	08/21/2014

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20147-101527-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--JUNE 2014 COMPLAINT REPORT	07/15/2014
20147-101529-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--COVER - 2013 ANNUAL PROJECT ENERGY PRODUCTION REPORT	07/15/2014
20147-101529-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ENERGY PRODUCTION ANNUAL REPORT PUBLIC	07/15/2014
20147-101529-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ENERGY PRODUCTION ANNUAL REPORT TS	07/15/2014
20147-101533-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--COVER - QUARTERLY ENERGY PRODUCTION REPORT	07/15/2014
20147-101533-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A HOURLY PRODUCTION DATA	07/15/2014
20147-101533-03	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B HOURLY TEMPERATURE DATA	07/15/2014
20147-101533-04	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C HOURLY WIND DATA	07/15/2014
20147-101533-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A HOURLY PRODUCTION DATA	07/15/2014
20147-101533-06	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B HOURLY TEMPERATURE DATA	07/15/2014
20147-101533-07	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C HOURLY WIND DATA	07/15/2014
20146-100473-01	PUBLIC	08-573	WS	INTERSTATE POWER AND LIGHT COMPANY	COMPLIANCE FILING--WPL SITE PERMIT COMPLIANCE FILING	06/16/2014
20145-99579-01	PUBLIC	08-573	WS	PUC	NOTICE	05/16/2014
20145-99579-03	PUBLIC	08-573	WS	PUC	NOTICE--CERTIFICATE OF SERVICE AND SERVICE LIST	05/16/2014
20145-99477-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	05/14/2014
20144-98324-01	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--WATCHDOG BORDER BATTLE ND REFUSES TO PAY MILLIONS IN MN RENEWABLE ENERGY BILLS 04 15 14	04/15/2014
20144-98329-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--QUARTERLY PRODUCTION	04/15/2014

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20144-98329-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A_2014 1Q_BT POWER DATA	04/15/2014
20144-98329-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1A_2014 1Q_BT POWER DATA	04/15/2014
20144-98329-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B_2014 1Q_BT TEMP	04/15/2014
20144-98329-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1B_2014 1Q_BT TEMP	04/15/2014
20144-98329-06	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C_2014 1Q_BT WIND DATA	04/15/2014
20144-98329-07	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ATTACHMENT 1C_2014 1Q_BT WIND DATA	04/15/2014
20144-98225-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT - MARCH 2014	04/11/2014
20143-97385-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	03/17/2014
20142-96458-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SUPPLEMENTAL REPLY TO ANNUAL COMPLIANCE REVIEW	02/14/2014
20142-96458-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--POS 1	02/14/2014
20142-96458-03	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--POS 2	02/14/2014
20142-96458-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--POS 3	02/14/2014
20142-96458-05	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--POS 4	02/14/2014
20142-96458-06	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--POS 5	02/14/2014
20142-96458-07	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--POS 6	02/14/2014
20142-96458-08	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--POS 7	02/14/2014
20142-96424-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	02/13/2014
20141-96011-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - PROJECT ENERGY PRODUCTION	01/31/2014

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20141-96011-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ENERGY PRODUCTION ANNUAL REPORT	01/31/2014
20141-96011-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--ENERGY PRODUCTION ANNUAL REPORT	01/31/2014
20141-95467-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	01/15/2014
20141-95474-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--2013 Q4 HOURLY PRODUCTION DATA	01/15/2014
20141-95474-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--2013 Q4 HOURLY PRODUCTION DATA	01/15/2014
20141-95474-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--2013 Q4 HOURLY TEMPERATURE DATA	01/15/2014
20141-95474-05	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--2013 Q4 HOURLY TEMPERATURE DATA	01/15/2014
20141-95474-06	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--2013 Q4 HOURLY WIND DATA	01/15/2014
20141-95474-07	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--2013 Q4 HOURLY WIND DATA	01/15/2014
201312-94784-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE REVIEW--REPLY TO THE MINNESOTA DEPARTMENT OF COMMERCE ANNUAL COMPLIANCE REVIEW	12/20/2013
201312-94784-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE REVIEW--ATTACHMENT 2	12/20/2013
201312-94786-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT 1A - 2011 HOURLY PRODUCTION DATA	12/20/2013
201312-94786-02	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT 1A - 2011 HOURLY PRODUCTION DATA	12/20/2013
201312-94786-03	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT 1B - 2012 HOURLY PRODUCTION DATA	12/20/2013
201312-94786-04	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT 1B - 2012 HOURLY PRODUCTION DATA	12/20/2013
201312-94786-05	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT 1C - 2013 HOURLY PRODUCTION DATA	12/20/2013

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201312-94786-06	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT 1C - 2013 HOURLY PRODUCTION DATA	12/20/2013
201312-94786-07	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2011 HOURLY TEMPERATURE DATA	12/20/2013
201312-94786-08	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2011 HOURLY TEMPERATURE DATA	12/20/2013
201312-94786-09	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT 1E - 2011 HOURLY WIND	12/20/2013
201312-94786-10	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT 1E - 2011 HOURLY WIND	12/20/2013
201312-94698-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	EXTENSIONVARIANCE REQUEST--SCHEDULE FOR RESPONSE TO ANNUAL COMPLIANCE REVIEW	12/17/2013
201312-94582-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	12/13/2013
201311-93866-01	PUBLIC	08-573	WS	DOC EERA STAFF	COMPLIANCE REVIEW--ANNUAL COMPLIANCE REVIEW NOVEMBER 2013	11/20/2013
201311-93707-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - OCT COMPLAINT REPORT	11/14/2013
201311-93581-05	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--NEWSMAX WIND POWERS STUNNING LINK TO TOXIC WASTE 11 10 13	11/12/2013
201311-93583-09	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--LA TIMES 600000 BATS KILLED AT WIND ENERGY FACILITIES IN 2012 11 08 13	11/12/2013
201310-92527-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT SEPT 2013	10/15/2013
20139-91334-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - AUGUST 2013 COMPLAINT REPORT	09/16/2013
20138-90199-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	08/12/2013

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20137-89117-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT JUNE 2013 COMPLAINT REPORT	07/15/2013
20136-88069-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - MAY COMPLAINT REPORT	06/12/2013
20135-86987-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	05/14/2013
20134-85597-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	04/11/2013
20133-84734-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT	03/15/2013
20132-83762-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT	02/12/2013
20132-83489-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - PROJECT ENERGY PRODUCTION	02/01/2013
20132-83489-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2012 PROJECT ENERGY PRODUCTION REPORT	02/01/2013
20132-83489-03	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--2012 PROJECT ENERGY PRODUCTION REPORT	02/01/2013
20131-82757-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - DECEMBER COMPLAINT REPORT	01/15/2013
201212-82183-09	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENTS--COPY-AVIAN AND BAT SURVEY PROTOCOLS FOR LWECS IN MN 10 02 12 DRAFT BY DNR	12/27/2012
201212-81830-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--BENT TREE COMPLAINT REPORT - NOVEMBER 2012	12/14/2012
201211-80665-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT	11/15/2012
201210-79402-01	PUBLIC	08-573	WS	INTERSTATE POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	10/10/2012

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201210-79197-15	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-CASE STUDY DIMINUTION IN VALUE WIND TURBINE ANALYSIS SEPT. 2012	10/04/2012
20129-78975-05	PUBLIC	08-573	WS	ROCHELLE NYGAARD	PUBLIC COMMENT--COPY-GOODHUEWINDFACTBOOK_JULY2010 IN US NEWS AND WORLD REPORT	09/27/2012
20129-78976-02	PUBLIC	08-573	WS	ROCHELLE NYGAARD	PUBLIC COMMENT--COPY-U.S. NEWS AND WORLD REPORT TAXPAYERS SHOULD NOT SUBSIDIZE WIND ENERGY 09 26 12	09/27/2012
20129-78973-02	PUBLIC	08-573	WS	MARIE MCNAMARA	PUBLIC COMMENT--COPY-SWIMBANKS M.A. NUMERICAL SIMULATION OF INFRASOUND PERCEPTION AUGUST 2012	09/26/2012
20129-78822-05	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--COPY-DRIESSEN CLIMATE ALARMISM OUR SANITY AND WALLETS NEED A BREAK 09 17 12	09/21/2012
20129-78812-16	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-POST BULLETIN GOODHUE CTY WIND PROJECT DEVELOPER ACQUIRED BY INDIAN COMPANY	09/20/2012
20129-78633-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	09/13/2012
20129-78610-11	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--COPY-WIND POWER TAKES PRECEDENCE OVER PROTECTING ENDANGERED CRANES 09 05 12	09/12/2012
20129-78475-03	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-PERCEPTION BASED PROTECTION FROM LOW FREQUENCY SOUNDS BY ALEX SALT PHD SUMMARY 08 14 12	09/10/2012
20129-78478-02	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-INDUSTRIAL WIND TURBINES CAN HARM HUMANS 09 06 12 KROGH SUMMARY	09/10/2012

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20129-78479-05	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-HEALTH CANADA WIND TURBINE NOISE AND HEALTH STUDY 09 07 12 KROGH	09/10/2012
20129-78485-05	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-CAN WIND GROW WITHOUT THE PTC WINDACTION EDITORIAL 09 03 12	09/10/2012
20129-78343-02	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-CONSERVATION EFFORT FOCUSES ON BATS AND WIND TURBINES 08 31 12 RE USFWS	09/04/2012
20129-78346-11	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--COPY-USDA SYNTHESIS OF WIND ENERGY DEVELOPMENT AND POTENTIAL IMPACTS BY MH MOCKRIN JULY 2012	09/04/2012
20128-78277-02	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-PERCEPTION BASED PROTECTION FROM LOW FREQUENCY NOISE SOUNDS BY ALEC SALT PHD AUGUST 2012	08/31/2012
20128-78130-09	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--COPY-USFWS EAGLES CAUSE OF DEATH CONFIRMED AT EASTERN NECK NATIONAL WILDLIFE REFUGE IN MD 07 03 12	08/27/2012
20128-78131-14	PUBLIC	08-573	WS	MARY HARTMAN	PUBLIC COMMENT--COPY-JOINT EAGLE PROCESS LTR TO KEN SALAZAR 08 22 12	08/27/2012
20128-78003-03	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-ALTOONA MIRROR BATS MAY BE GIVEN ENDANGERED STATUS 08 20 12	08/21/2012
20128-77983-08	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-WSJ THE ENERGY SUBSIDY TALLY 08 18 12	08/20/2012
20128-77846-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REQUEST TO UPDATE SERVICE LIST-- REMOVE JAVAHERIAN, ADD GREIVELDINGER	08/14/2012
20128-77848-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT	08/14/2012

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20128-77704-08	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--COPY-LINK-FOX BUSINESS VIDEO NEW ENERGY PROJECTS DAMAGING THE ECONOMY 08 08 12 DIANE FURCHBOTT ROTH	08/09/2012
20128-77495-03	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-EVIDENCE OF THE ADVERSE HEALTH IMPACTS OF INDUSTRIAL WIND TURBINES BY DR CHRIS BACK 07 29 12	08/02/2012
20128-77456-02	PUBLIC	08-573	WS	ROBERT ROSENQUIST	PUBLIC COMMENT--COPY-VOTING FOR WILDLIFE EXTERMINATION BY PAUL DRIESSEN 07 28 12	08/01/2012
20127-77416-04	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--COPY-MIDWEST ENERGY NEWS BATS AND BLADES MORE RESEARCH NEEDED ON BAT WIND FARM FATALITIES 07 30 12	07/31/2012
20127-77444-01	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-BATS AND WIND ENERGY BY LAURA ELLISON 05 2012	07/31/2012
20127-76848-01	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-WIND TURBINES CAN SPROUT TO 199 FT IN WASHINGTON CO MN 07 15 12	07/17/2012
20127-76743-10	PUBLIC	08-573	WS	KRISTI ROSENQUIST	PUBLIC COMMENT--COPY-07 10 12 JOHN KLINE LTR TO DAVE CAMP RE WAYS AND MEANS AND PRODUCTION TAX CREDITS	07/12/2012
20127-76748-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	07/12/2012
20126-76361-01	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--COPY-BERNIE HAGEN OF MN ON WIND WISE RADIO 06 17 12.	07/02/2012
20126-76092-02	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--COPY-MN PUC SOUND STUDY OCT 2011	06/27/2012
20126-76101-12	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--COPY-THE PROBLEMS WITH NOISE NUMBERS FOR WIND FARM ASSESSMENT BY DR BOB THORNE OCT 2010	06/27/2012

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20126-75625-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--- COMPLAINT REPORT	06/14/2012
20125-74738-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	REPORT--APRIL CUSTOMER COMPLAINT REPORT	05/15/2012
20124-73567-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT	04/13/2012
20124-73524-01	PUBLIC	08-573	WS	BOB ROSENQUIST	PUBLIC COMMENT--BENT TREE WIND PROJECT COLLECTOR LINES FAILURE LTR TO BURL HAAR 04 12 2012	04/12/2012
20123-72547-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT	03/13/2012
20122-71598-01	PUBLIC	08-573	WS	INTERSTATE POWER AND LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	02/15/2012
20122-70935-01	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - PROJECT ENERGY PRODUCTION	02/01/2012
20121-70259-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	01/13/2012
201112-69209-01	PUBLIC	08-573	WS	BARBARA STUSSY	PUBLIC COMMENT--SECOND REQUEST	12/14/2011
201112-69175-01	PUBLIC	08-573	WS	INTERSTATE POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	12/13/2011
201111-68341-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--OCTOBER CUSTOMER COMPLAINT REPORT	11/15/2011
201110-67350-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	10/14/2011
20119-66387-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--- COMPLAINT REPORT	09/15/2011
20118-65246-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - COMPLAINT REPORT	08/11/2011
20117-64435-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	REPORT--JUNE CUSTOMER COMPLAINT REPORT	07/22/2011

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20117-64439-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	OTHER--REQUEST TO AMEND SITE PERMIT	07/22/2011
20116-63863-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--OPERATIONAL SOUND LEVEL SURVEY PART 1 OF 2	06/21/2011
20116-63863-02	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--OPERATIONAL SOUND LEVEL SURVEY PART 2 OF 2	06/21/2011
20116-63413-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	REPORT--MAY CUSTOMER COMPLAINT REPORT	06/10/2011
20115-62588-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	REPORT--APRIL CUSTOMER COMPLAINT REPORT	05/16/2011
20114-61586-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--IPL RESPONSE TO OES LETTER	04/21/2011
20114-61586-02	TRADE SECRET	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT D_TS	04/21/2011
20114-61420-01	PUBLIC	08-573	WS	PUC	PUBLIC COMMENT	04/18/2011
20114-61364-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT	04/15/2011
20114-61247-09	PUBLIC	08-573	WS	PUC	MINUTES--MARCH 10, 2011 AGENDA MEETING	04/13/2011
20114-61102-01	PUBLIC	08-573	WS	DOC OES	LETTER--REGARDING UNRESOLVED COMPLAINT AND COMPLIANCE APPROACH	04/07/2011
20114-61071-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--COVER LETTER AFFIDAVIT SERVICE LIST AND TRADE SECRET JUSTIFICATION	04/06/2011
20114-61071-02	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT A	04/06/2011
20114-61071-03	TRADE SECRET	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT A	04/06/2011
20114-61071-04	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT B	04/06/2011
20114-61071-05	TRADE SECRET	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--ATTACHMENT B	04/06/2011
20113-60511-01	PUBLIC	08-573	WS	PUC	PUBLIC COMMENT	03/21/2011
20113-60348-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - COMPLAINT REPORT	03/15/2011
20113-60336-01	PUBLIC	08-573	WS	PUC	ORDER	03/14/2011

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20113-60336-02	PUBLIC	08-573	WS	PUC	ORDER--CERTIFICATE OF SERVICE AND SERVICE LIST	03/14/2011
20113-60155-01	PUBLIC	08-573	WS	DOC OES	BRIEFING PAPERS--COMMENTS AND RECOMMENDATIONS RE NOISE PROTOCOL SURVEY	03/07/2011
20112-59899-19	PUBLIC	08-573	WS	PUC	NOTICE OF COMMISSION MEETING--MARCH 10, 2011	02/25/2011
20112-59566-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING---JANUARY COMPLAINT REPORT	02/15/2011
20112-59117-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING---OPERATIONAL SOUND LEVEL SURVEY TEST	02/01/2011
20112-59118-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING---DECOMMISSIONING PLAN	02/01/2011
20111-58523-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - DECEMBER CUSTOMER COMPLAINT REPORT	01/14/2011
201012-57454-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--NOVEMBER CUSTOMER COMPLAINT REPORT	12/15/2010
201011-56324-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - OCTOBER COMPLAINT REPORT	11/09/2010
201010-55385-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - SEPTEMBER COMPLAINT REPORT	10/12/2010
201010-55403-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT - SITE MANAGER	10/12/2010
20109-54588-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE FILING - EXTRAORDINARY EVENTS	09/17/2010
20109-54412-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - JULY COMPLAINT REPORT	09/14/2010
20109-54413-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	REPORT--SITE PERMIT COMPLIANCE FILING - AUGUST COMPLAINT REPORT	09/14/2010
20107-52557-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT	07/14/2010

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20107-52507-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	NOTICE OF SERVICE LIST--REMOVE GRAY	07/13/2010
20104-49256-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMPLIANCE FILING--SITE PERMIT COMPLIANCE TO CONDITION C.6	04/16/2010
20103-48122-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING	03/17/2010
20103-48123-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING	03/17/2010
20103-48124-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING	03/17/2010
20103-48125-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING	03/17/2010
20103-48126-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING	03/17/2010
20103-48127-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING	03/17/2010
20103-48128-01	PUBLIC	08-573	WS	WISCONSIN POWER & LIGHT COMPANY	COMPLIANCE FILING	03/17/2010
200910-43121-04	PUBLIC	08-573	WS	PUC	MINUTES--OCTOBER 1, 2009 AGENDA MEETING	10/21/2009
200910-43044-01	PUBLIC	08-573	WS	PUC	ORDER	10/20/2009
20099-42172-01	PUBLIC	08-573	WS	DOC OES	COMMENTS--COVER LETTER	09/24/2009
20099-42172-02	PUBLIC	08-573	WS	DOC OES	COMMENTS--COMMENTS AND RECOMMENDATIONS	09/24/2009
20099-42172-03	PUBLIC	08-573	WS	DOC OES	COMMENTS--COLOR FLOW CHART	09/24/2009
20099-42172-04	PUBLIC	08-573	WS	DOC OES	COMMENTS--SITE PERMIT	09/24/2009
20099-42172-05	PUBLIC	08-573	WS	DOC OES	COMMENTS--FINDINGS OF FACT	09/24/2009
20099-42172-06	PUBLIC	08-573	WS	DOC OES	COMMENTS--CERTIFICATE OF SERVICE AND SERVICE LISTS	09/24/2009
20099-42172-07	PUBLIC	08-573	WS	DOC OES	COMMENTS--EXHIBIT LIST	09/24/2009
20099-42172-08	PUBLIC	08-573	WS	DOC OES	COMMENTS--ATTACHMENT A	09/24/2009
20099-42027-01	PUBLIC	08-573	WS	DOC OES	NOTICE--NOTICE OF PUBLIC MEETING	09/21/2009
20099-42027-02	PUBLIC	08-573	WS	DOC OES	NOTICE--EQB MONITOR NOTICE	09/21/2009

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20099-42029-01	PUBLIC	08-573	WS	DOC OES	LETTER--MDH LETTER, 8.13.09	09/21/2009
20099-42034-01	PUBLIC	08-573	WS	PUC	PUBLIC COMMENT--COMMENTS RECEIVED AFTER DEADLINE	09/21/2009
20099-41986-02	PUBLIC	08-573	WS	PUC	NOTICE OF COMMISSION MEETING--COMM. MTG. 10-01-2009	09/18/2009
20098-41361-01	PUBLIC	08-573	WS	SAFE WIND IN FREEBORN COUNTY	LETTER--LETTER & CUB/WIEG APPEAL OF PSC ORDER DOCKET 6680-CE-175	08/31/2009
20098-41117-02	PUBLIC	08-573	WS	OAH	ORDER--SUMMARY OF PUBLIC TESTIMONY	08/25/2009
20098-40450-02	PUBLIC	08-573	WS	OAH	EXHIBITS - HEARING--HEARING EXHIBIT LIST	08/04/2009
20097-40352-01	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--FINAL DECISION ON BENT TREE WIND FACILITY FROM THE PSCW	07/31/2009
20097-40183-01	PUBLIC	08-573	WS	OAH	EXHIBITS - HEARING--WPL'S POST HEARING COMMENTS FILED ELECTRONICALLY 7/14/09	07/28/2009
20097-40144-01	PUBLIC	08-573	WS	OAH	EXHIBITS - HEARING--WPL'S AFFIDAVIT OF PUBLICATION FOR NOTICE OF PUBLIC HEARING	07/27/2009
20097-40145-01	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--ANN BUCK COMMENTS VIA 7/14/09	07/27/2009
20097-40145-03	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--WASSON LETTER (ATTORNEY FOR SAFE WIND FREEBORN COUNTY) 7/13/09	07/27/2009
20097-40145-05	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--WISCONSIN POWER AND LIGHT'S POST HEARING COMMENTS FILED ELECTRONICALLY 7/14/09	07/27/2009
20097-40145-07	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--KRISTINE JOHNSON COMMENTS VIA EMAIL 7/14/09	07/27/2009
20097-40145-09	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--SAFE WIND (TROE) COMMENTS VIA EMAIL 7/14/09	07/27/2009

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20097-40145-11	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--BRUCE AND MARIE MCNAMARA COMMENTS VIA EMAIL 7/14	07/27/2009
20097-40145-13	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--REINARTS' COMMENTS VIA EMAIL 7/12/09	07/27/2009
20097-40145-15	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--SOKOLSKI COMMENTS VIA EMAIL 7/14/09	07/27/2009
20097-40145-17	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--HELEN MCNAMARA COMMENTS VIA EMAIL 7/14/09	07/27/2009
20097-40145-19	PUBLIC	08-573	WS	OAH	PUBLIC COMMENT--JACOBUSSE LETTER 7/7/09	07/27/2009
20097-39650-01	PUBLIC	08-573	WS	SAFE WIND IN FREEBORN COUNTY	COMMENTS--SAFE WIND EXHIBIT A - LANDOWNER AGREEMENT	07/15/2009
20097-39650-02	PUBLIC	08-573	WS	SAFE WIND IN FREEBORN COUNTY	COMMENTS--EXHIBIT D - NORTH DAKOTA HB 1509	07/15/2009
20097-39650-03	PUBLIC	08-573	WS	SAFE WIND IN FREEBORN COUNTY	COMMENTS--SAFE WIND EXHIBIT C - DAILY REPUBLIC ARTICLE	07/15/2009
20097-39650-04	PUBLIC	08-573	WS	SAFE WIND IN FREEBORN COUNTY	COMMENTS--SAFE WIND COMMENT	07/15/2009
20097-39650-05	PUBLIC	08-573	WS	SAFE WIND IN FREEBORN COUNTY	COMMENTS--SAFE WIND EXHIBIT B - WINDUSTRY LANDOWNER LEASE	07/15/2009
20097-39650-06	PUBLIC	08-573	WS	SAFE WIND IN FREEBORN COUNTY	COMMENTS--SAFE WIND EXHIBIT B - MICHIGAN STATE	07/15/2009
20097-39659-02	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING--HEARING EXHIBIT 6 - APPENDIX E	07/15/2009
20097-39659-04	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING--HEARING EXHIBIT 6 - APPENDIX B	07/15/2009
20097-39659-06	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING--HEARING EXHIBIT 6 - APPENDIX D	07/15/2009
20097-39659-08	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING--HEARING EXHIBIT 7 - PART 2 OF 2	07/15/2009
20097-39659-10	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING--HEARING EXHIBIT 6 - APPENDIX A	07/15/2009

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20097-39659-12	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 5	07/15/2009
20097-39659-14	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 3	07/15/2009
20097-39659-16	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 6 - SITE PERMIT APPLICATION	07/15/2009
20097-39659-18	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 6 - APPENDIX C	07/15/2009
20097-39659-20	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 7 - PART 1 OF 2	07/15/2009
20097-39660-02	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 8 - PUBLIC	07/15/2009
20097-39660-04	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 DVD ATTACHMENT	07/15/2009
20097-39660-06	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 D	07/15/2009
20097-39660-08	TRADE SECRET	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 8 - TRADE SECRET	07/15/2009
20097-39660-10	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 C	07/15/2009
20097-39660-12	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 B	07/15/2009
20097-39660-14	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 A	07/15/2009
20097-39660-16	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11	07/15/2009
20097-39660-18	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 10	07/15/2009
20097-39660-20	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 9	07/15/2009
20097-39663-01	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 K	07/15/2009
20097-39663-03	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 J	07/15/2009
20097-39663-05	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 I - PART 1 OF 2	07/15/2009

Document ID	Class	Docket #	Docket Type	On Behalf Of	Document Type	Received Date
20097-39663-07	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 H - PART 1 OF 2	07/15/2009
20097-39663-09	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 G	07/15/2009
20097-39663-11	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 F	07/15/2009
20097-39663-13	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 E	07/15/2009
20097-39663-15	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 I - PART 2 OF 2	07/15/2009
20097-39663-17	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 H - PART 2 OF 2	07/15/2009
20097-39664-01	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 M - PART 2 OF 2	07/15/2009
20097-39664-03	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 14	07/15/2009
20097-39664-05	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 13	07/15/2009
20097-39664-07	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 12	07/15/2009
20097-39664-09	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 M - PART 1 OF 2	07/15/2009
20097-39664-11	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EXHIBIT 11 N	07/15/2009
20097-39666-01	PUBLIC	08-573	WS	COURT REPORTER	TRANSCRIPTS--ALBERT LEA - JUNE 29, 2009 EVENING SESSION	07/15/2009
20097-39666-03	PUBLIC	08-573	WS	COURT REPORTER	TRANSCRIPTS--ALBERT LEA- JUNE 29, 2009 AFTERNOON SESSION	07/15/2009
20097-39642-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	COMMENTS--POST HEARING COMMENTS	07/14/2009
20097-39652-01	PUBLIC	08-573	WS	SAFE WIND IN FREEBORN COUNTY	COMMENTS--- CONDITIONS	07/14/2009
20097-39461-01	PUBLIC	08-573	WS	OAH	EXHIBITS - HEARING-- HEARING EXHIBITS 17-18	07/09/2009
20097-39489-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--IPL AFFIDAVIT OF PUBLICATION IN THE ALDEN ADVANCE NEWSPAPER	07/09/2009

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20097-39262-01	PUBLIC	08-573	WS	SHADDIX & ASSOCIATES	EXHIBITS - HEARING-- HEARING EX 16 - MDH COMMENT	07/02/2009
20097-39270-02	PUBLIC	08-573	WS	COURT REPORTER	EXHIBITS - HEARING-- HEARING EX 16 - MDH COMMENT	07/02/2009
20097-39325-01	PUBLIC	08-573	WS	PUC	NOTICE OF COMMENT PERIOD	07/02/2009
20096-39051-01	PUBLIC	08-573	WS	OAH	EXHIBITS - HEARING-- HEARING EXHIBIT 1	06/30/2009
20096-39051-02	PUBLIC	08-573	WS	OAH	EXHIBITS - HEARING-- HEARING EXHIBIT 2	06/30/2009
20096-38940-02	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--AFFIDAVIT OF PUBLICATION FOR THE NOTICE OF PUBLIC HEARING - BENT TREE WIND	06/26/2009
20096-38940-04	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--AFFIDAVIT OF PUBLICATION FOR THE NOTICE OF PUBLIC HEARING - BENT TREE WIND	06/26/2009
20095-37140-04	PUBLIC	08-573	WS	PUC	MINUTES--- MARCH 19, 2009	05/04/2009
5831083	PUBLIC	08-573	WS	PUC	ORDER--	03/24/2009
5811183	PUBLIC	08-573	WS	SAFE WIND FOR FREEBORN COUNTY	NOTICE--NOTICE OF APPEARANCE - AMY WASSON	03/11/2009
5811184	PUBLIC	08-573	WS	SAFE WIND FOR FREEBORN COUNTY	NOTICE--NOTICE OF APPEARANCE - CAROL OVERLAND	03/11/2009
5811731	PUBLIC	08-573	WS	DOC OES	COMMENTS--AND RECOMMENDATIONS	03/11/2009
5804035	PUBLIC	08-573	WS	PUC	NOTICE--COMMISSION MEETING	03/06/2009
5776730	PUBLIC	08-573	WS	PUC	NOTICE--REVISED NOTICE OF COMMISSION MEETING	02/20/2009
5776732	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--NOTICE TO COMMISSION	02/20/2009
5768700	PUBLIC	08-573	WS	PUC	NOTICE--COMMISSION MEETING	02/13/2009
5697703	PUBLIC	08-573	WS	DOC OES	OTHER--ENVIRONMENTAL REPORT SCOPING DECISION	01/08/2009
5697704	PUBLIC	08-573	WS	DOC OES	NOTICE--OF ENVIRONMENTAL REPORT SCOPING DECISION	01/08/2009

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5668889	PUBLIC	08-573	WS	VARIOUS PARTIES	COMMENTS--PUBLIC COMMENTS	12/05/2008
5655158	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SMALL PARCEL SETBACK REQUEST	12/03/2008
5609766	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--AFFIDAVIT OF PUBLICATION	11/07/2008
5582685	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--AFFIDAVIT OF SERVICE - BENT TREE WIND FACILITY SITE APPLICATION	10/21/2008
5551179	PUBLIC	08-573	WS	PUC	OTHER--MINUTES - SEPTEMBER 11, 2008	10/06/2008
5511690	PUBLIC	08-573	WS	CLEAR WIND	COMMENTS--	09/18/2008
5506462	PUBLIC	08-573	WS	PUC	ORDER--	09/16/2008
5503456	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--ADDITIONAL INFORMATION - WPL	09/15/2008
5497500	PUBLIC	08-573	WS	PUC	BRIEFING PAPERS--FOR SEPTEMBER 11, 2008 AGENDA	09/10/2008
5476540	PUBLIC	08-573	WS	OES	COMMENTS--AND RECOMMENDATIONS	09/04/2008
5471261	PUBLIC	08-573	WS	PUC	NOTICE--OF COMMISSION MEETING	08/29/2008
5463931	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 1 OF 5 - WPL SITE APPLICATION SECOND RE-FILE	08/22/2008
5463932	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 2 OF 5	08/22/2008
5463933	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 3 OF 5 - WPL SITE APPL REFILE	08/22/2008
5463935	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 4 OF 5 - WPL SITE APPL REFILE	08/22/2008
5463936	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 5 OF 5	08/22/2008
5366317	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--RE-FILE SITE APPLICATION FOR BENT TREE WIND FACILITY	07/18/2008
5366319	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--RE-FILE SITE APPLICATION FOR BENT TREE WIND FACILITY	07/18/2008
5298348	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SITE PERMIT APPLICATION FOR BENT TREE WIND PROJECT	06/20/2008

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5298349	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SITE PERMIT APPLICATION FOR BENT TREE WIND PROJECT	06/20/2008
5298350	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 2 - SITE PERMIT APPLICATION FOR BENT TREE WIND PROJECT	06/20/2008
5298351	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 2 - SITE PERMIT APPLICATION FOR BENT TREE WIND PROJECT	06/20/2008
5298352	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 3 - SITE PERMIT APPLICATION FOR BENT TREE WIND PROJECT	06/20/2008
5298353	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 3 - SITE PERMIT APPLICATION FOR BENT TREE WIND PROJECT	06/20/2008
5298354	PUBLIC	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 4 - SITE PERMIT APPLICATION FOR BENT TREE WIND PROJECT	06/20/2008
5298355	TRADE SECRET	08-573	WS	WISCONSIN POWER AND LIGHT COMPANY	OTHER--SECTION 4 - SITE PERMIT APPLICATION FOR BENT TREE WIND PROJECT	06/20/2008



DEPARTMENT OF VETERANS AFFAIRS

June 8, 2009.

To whom it may concern:

In Reply Refer To:

HAGEN, BERNARD GOODWIN

DOB: [REDACTED]

Bernard Hagen is my patient in the last 2 years and he is a veteran from Vietnam War. He was discharge with honorable discharge and ended up with poor hearing and tinnitis due to his service in nuclear missiles- He is service connected base on above problems-

His health will be chalange and he is very concern on the Wind Turbine Syndrome which may developed in case that Wi Power will put in his house hose an Wind Power Turbine. Known to cause tinnitis, dizziness and sleep problem.

The patient has already tinnitis and his health will be in danger.

I recommend the patient will move from the place and in this case the property which he has know should be buy by the Wind Power Company.

Hemel Guter MD
H.G.

June 8, 2009

TO WHOM IT MAY CONCERN:

Bernard Hagen is my patient in the last two years and he is a veteran from Vietnam War. He was discharged with honorable discharge and ended up with poor hearing and tinnitus due to his service in nuclear missiles. He is service-connected based on above problems.

His health will be challenged and he is very concerned on the wind turbine syndrome which may develop in case that Wisconsin Power and Light will put in close to his house a wind power turbine, known to cause tinnitus, dizziness and sleep problems. The patient already has tinnitus and his health will be in danger.

I recommend the patient will move from the place and in this case, the property which he has now should be bought by the wind power company.

VIOREL GUTER, M.D.

OAH Docket No. 12-2500-20615-2
PUC Docket No. ET-6657/CN-07-1425
PUC Docket No. ET-6675/WS-08-573

STATE OF MINNESOTA
OFFICE OF ADMINISTRATIVE HEARINGS
FOR PUBLIC UTILITIES COMMISSION

In the Matter of the Application of Wisconsin
Power and Light Company for a
Certificate of Need for a Large Energy Facility,
A 200 Megawatt Wind Farm

SUMMARY OF PUBLIC TESTIMONY

In the Matter of the Application of Wisconsin
Power and Light Company for a
Site Permit for the 400MW Bent Tree Wind
Project in Freeborn County

This matter began on August 27, 2008, when the Minnesota Public Utilities Commission (MPUC or Commission) issued an Order accepting Wisconsin Power and Light Company's (WPL or Company) application for a Certificate of Need (CON) for 200 Megawatts of the proposed phased 400 MW Bent Tree Wind Project and approved the use of an informal review and requested the Office of Administrative Hearings (OAH) to coordinate the processes associated with the project with MPUC staff and to hold at least one public hearing on the project.

On September 16, 2008, the MPUC issued an Order accepting WPL's application for a site permit application for the proposed 400 megawatt Bent Tree Large Wind Energy Conversion System (LWECS) Project in Freeborn County. By Order issued on March 24, 2009, the Commission denied a request for a contested case hearing in that proceeding and ordered a public hearing to be held in conjunction with the public hearing that the Commission had previously ordered in connection with WPL's CON application

Administrative Law Judge Steve M. Mihalchick conducted a public hearing on the project on June 29, 2009, at 2:00 p.m. and continuing at 9:00 p.m. at the Freeborn County Government Center, 411 South Broadway, Albert Lea, Minnesota. Approximately thirty members of the public attended the hearing, twenty of whom offered testimony. Additionally, approximately ten WPL employees attended the public hearing. The ALJ was present at the hearing and provided those members of the public an opportunity to present their views regarding the need for and proposed routing for the project. The period for written comment closed on July 14, 2009.

NOTICE

This report contains a summary of public testimony. It is not a final decision. Pursuant to Minn. R. 7849.5720, the Commission will make the final determination of the matter within 60 days after the receipt of the record from the administrative law judge.

Description of the Project

The Project is being proposed by WPL, a Wisconsin public utility and wholly owned subsidiary of Alliant Energy Corporation. WPL's Integrated Resource Plan demonstrates a need for 300 MW of new wind resources between 2008 and 2010. The Company will obtain the first 100 MW of new wind resources from a 27.5 MW Purchased Power Agreement with Forward Energy and by constructing the 68 MW Cedar Ridge Windfarm in Fond du Lac County Wisconsin. WPL proposes to obtain the remaining 200 MW of new wind resources from the first 200 MW phase of the proposed 400 MW Bent Tree Wind Project in Freeborn County Minnesota for which a site permit is now being requested.

The Project's first phase will be a large wind energy conversion system, as defined in Minn. Stat. §§ 216F.01 — 216F.07, of up to 200 MW, consisting of up to 121 1.65 MW wind turbine generators. The towers will be 262.5 feet high, and the rotor diameter will be 269 feet. The maximum overall height will therefore be 388.8 feet when one rotor is in a vertical position at the top of the rotation. If the second phase is constructed in the future, the entire project could involve 242 1.65 MW turbines with a nameplate capacity of approximately 400 MW.

The electrical collector system will consist of underground 34.5 kV collection lines feeding into a collector substation with two 34.5/161kV transformers and a 161kV switch station with two terminals. One of the terminals will connect to the new 18-mile long 161 kV high voltage transmission line going to the Hayward ITC-Midwest substation, located east of Albert Lea; the other terminal will be reserved for connecting the second, north phase of the Bent Tree wind farm at a later date.

Assuming an estimated net capacity of approximately 38%, projected average annual output will be 666,000 megawatt hours (MWh), although the actual annual capacity will depend on a number of variables, including weather conditions, operational and maintenance issues, final design, site-specific features, and equipment.

The Project will be located within a 50 square mile area northwest of the City of Albert Lea in northwestern Freeborn County, in four townships (Hartland, Manchester, Bath, and Bancroft). Those townships are zoned agricultural, except for incorporated towns in Hartland and Manchester Townships. Towers will not be located in incorporated areas.

Procedural History

1. On November 6, 2007, WPL filed a request with the MPUC for an exemption from certain data requirements in connection with a CON application that the Company intended to file.¹ The Department of Commerce's Office of Energy Security (OES) recommended that the Commission grant the exemption in part and deny it in part,² and on January 17, 2008, the Commission issued an Order granting WPL's request for an exemption to the extent recommended by the OES.³

2. On June 27, 2008, WPL filed a CON application for Phase I of the Bent Tree Wind Project, consisting of a 200 MW wind generation facility and an 18-mile 161kV radial line to connect the Project to the transmission grid.⁴

3. On August 22, 2008, WPL filed a revised site permit application with the Commission for a proposed 400 megawatt Bent Tree Large Energy Conversion System project in Freeborn County.⁵

4. On August 27, 2008, the Commission issued an Order accepting WPL's CON application as complete, contingent upon compliance filing, and also approving an informal review process. That Order also requested the Office of Administrative Hearings to conduct a public hearing to take public testimony concerning the CON application.⁶

5. On September 16, 2008, the Commission accepted WPL's site permit application as complete and made a preliminary determination that a draft permit could be issued for the Project.⁷

6. Thereafter the Commission received requests for contested case hearings in connection with both WPL's CON application and its site permit application. By an

¹ Request for Exemption.

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={EDA6A79A-A8E6-4B56-855E-8B0B43A07FDF}&documentTitle=4827778>).

² OES Recommendation.

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={6E54B93D-2057-4C97-B8B3-228E24ED44F4}&documentTitle=4861031>).

³ Order Granting Exemption.

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={64CD0552-7983-4450-A41C-B2FDE0D75DE9}&documentTitle=4897791>).

⁴ Application for a Certificate of Need

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={2DB0C0DD-3F47-4654-A25F-4AF0DB2E9924}&documentTitle=5313021>).

⁵ Site Permit Application

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={90A8F0A3-400A-4C67-9C9B-420E4865C67D}&documentTitle=5463931>)

⁶ Order Accepting CON Application

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={74FFD36F-CBD0-4943-ACDD-908FDAEA9187}&documentTitle=5466962>)

⁷ Order Accepting site Application

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={C355E151-EE7B-4B68-963B-866DFC2E7523}&documentTitle=5506462>)

Order issued on March 24, 2009, the Commission denied the request for a contested case hearing on WPL's site permit application; that Order also ordered a public hearing on issues relating to siting and permitting to be held in conjunction with the public hearing that it had previously ordered for WPL's CON application.⁸

7. By an Order issued on April 9, 2009, the Commission also issued an Order denying the request for a contested case hearing in connection with WPL's CON application.⁹

8. On July 30, 2009, the Public Service Commission of Wisconsin issued a Final Decision approving WPL's application to construct, own, and operate the 200 MW first phase of the Bent Tree Wind Farm.¹⁰

Hearing Notice and Public Comment Process

9. On June 22, 2009, WPL served a Notice of Public Hearing giving advance notice of the public hearing to parties on the service list, interested persons, landowners, and governmental units.¹¹ On June 26, 2009, WPL filed an Affidavit of Publication of the Notice of Public Hearing.¹²

10. The undersigned ALJ conducted the public hearing on June 29, 2009, at 2:00 p.m. and continuing at 9:00 p.m. at the Freeborn County Government Center, 411 South Broadway, Albert Lea, Minnesota. Approximately 30 members of the public appeared at the public hearing. 21 members of the public offered testimony about the proposed transmission line and related issues. After the hearing, the record remained open for fifteen days to allow all interested persons to submit written comments. Thirteen written comments were filed by members of the public. The record was closed on July 14, 2009.

11. The Commission will issue an order on WPL's applications for a site permit and a Certificate of Need after examining this Summary, the hearing transcripts, all written filings submitted by the public, and all filings and argument submitted by WPL, the Minnesota Departments of Commerce, Natural Resources, and Health, and other persons and entities interested in this matter.

⁸ Order Directing Public Hearing

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={299B9334-32ED-4F6F-9956-66145A743A5A}&documentTitle=5831083>)

⁹ Order Denying Contested Case.

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={5807CAA5-A913-443A-9B03-DCCFE0A5D52B}&documentTitle=20094-36062-01>)

¹⁰ Ex. 29.

¹¹ Notice of Public Hearing.

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={87CD6BE6-4221-4529-9C37-EDB6D80CF90F}&documentTitle=20096-38742-02>)

¹² Affidavit of Publication.

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={FCF13F20-4CF1-48C7-89F1-C4A2B9E32D54}&documentTitle=20096-38940-01>)

Summary of Public Testimony

Tricia DeBleeckere, a staff representative from the MPUC, explained that the Commission is the final authority in determining whether to issue both the site permit and the CON. She indicated that the MPUC had ordered an informal review of the Certificate of Need in August, 2008, that this public hearing was part of that review, and that its purpose was to obtain the public views on WPL's applications. Ms. DeBleeckere stated that the PUC will make a decision on the WPL's applications after receiving the ALJ's report summarizing testimony at the public hearing.¹³

Larry Hartman, the Project Manager assigned to the Project by the OES, discussed the OES's responsibility for conducting and processing WPL's site permit application and for conducting an environmental review on the Company's CON application. Mr. Hartman indicated that the OES had previously held two informational meetings on the Project, as well as "scoping meetings," to obtain public comments on the issues to be addressed in the environmental report. During the course of those meetings, the OES had received 28 public comments. Mr. Hartman also noted that a white paper prepared by the Minnesota Department of Health (MDH) had been included in the OES's environmental report.¹⁴

The environmental review performed by the Department is summarized in a document entitled *Environmental Report: Bent Tree Wind Project*.¹⁵ The Environmental Assessment is a general document discussing the potential human and environmental impacts of the Project, as proposed, as well as any alternatives to the Project. The Department also assessed possible mitigation of potential adverse impacts of the Project.

Arshia Javaherian, a regulatory attorney with Alliant Energy Corporate Services, Inc., offered a brief history of the application process and provided background on the need for the Project. Mr. Javaherian indicated that the Project is a response to a State of Wisconsin's renewable energy mandate requiring WPL to produce 10% of its energy from renewable energy sources by 2015. The entire Project site is large enough to accommodate 400 megawatts generated by over 200 turbines. WPL is proposing the wind farm in two phases. The first phase will involve constructing about 120 wind turbines and infrastructure with a capacity of about 200 MW. The site permit application allows for the possibility of a 400 MW wind farm with over 200 wind turbines in the event that WPL decides to proceed with a second 200 MW phase. Since the current CON only contemplates a 200 MW wind farm, it would be necessary for WPL to submit a second CON application in order to develop the second 200 MW phase. Mr. Javaherian indicated that although the wind farm will be located in Minnesota, it will be owned and operated by a Wisconsin utility and will be "paid for and created by Wisconsin

¹³ Transcript (Tr.) Vol. I, pp. 7-9.

¹⁴ Tr. Vol. I, pp. 9-10; Exhibits 3-6.

¹⁵ Exhibit 4.

customers.” Moreover, the energy will be sold into the Midwest Independent Transmission System Operator (MISO) grid and used within the “footprint” area.¹⁶

Dick Swanson asked why WPL had not sought a CON for the full 400 megawatts in the current application process. Mr. Javaherian explained that the difficulty in applying now for a CON for a 400 MW Project was that it would have involved trying to establish a need for an amount of energy that exceeded WPL’s current needs. To avoid that difficulty, WPL only filed an application for half of the site’s potential capacity. Mr. Javaherian also noted that there are time limits on a CON and that WPL needed to ensure that it would be able to proceed with the first phase in the event that there were problems during construction. Mr. Swanson also inquired about how the Project would be financed and whether WPL would have to seek funding in the capital markets. Mr. Javaherian replied that WPL’s parent company, Alliant Energy, sufficient the financial resources to develop the Project, and that there were no plans to sell bonds to fund the Project. Jana Grimm from WPL stated that Alliant remains in a good credit position and does not expect any problems in obtaining financing.¹⁷ Later during the public hearing, Mr. Swanson expressed his support for the Project and emphasized the favorable economic impact the wind farm will have in the Albert Lea area. While acknowledging the right of those opposing the project to express their disapproval, he also pointed out that there were a number of individuals who supported the Project who were not present at the public hearing.¹⁸

Francis Pfefser expressed concern about whether the Bent Tree wind farm would tie up Minnesota wind rights for a Wisconsin company and customers and therefore whether it would impact the ability of Minnesota utilities to meet this state’s renewable energy requirements.¹⁹ In response, David Engels of WPL indicated that WPL had already built and was operating wind farm in Fond du Lac County, Wisconsin, and that the Company was evaluating other Wisconsin sites. However, WPL has concluded that there are insufficient wind resources in Wisconsin to allow it to meet that state’s requirements for renewable energy generation.²⁰ Mr. Hartman added that Minnesota will likely need at least another seven to eight thousand megawatts in renewable energy to meet Minnesota’s standards, depending on future growth assumptions. He indicated that improvements in technology are likely to improve Minnesota’s capacity to produce wind energy. Additionally, Minnesota utilities are also building wind farms in North and South Dakota in order to serve their customers and meet Minnesota requirements because the Dakotas have even better wind resources than Minnesota does. In this context, Mr. Hartman indicated that Minnesota was not “giving away” wind energy resources that it will need to meet its own requirements. He also believed that it was “probably more economical for WPL to develop wind [energy resources] in Minnesota than in Wisconsin.”²¹

¹⁶ Tr. Vol. I, pp. 12-20.

¹⁷ Tr. Vol. I, pp. 22-24.

¹⁸ Tr. Vol. I, pp. 128-130.

¹⁹ Tr. Vol. I, p. 25.

²⁰ Tr. Vol. I, pp. 25-26.

²¹ Tr. Vol. I, pp. 27-29.

Carol Overland, an attorney for Safe Wind Freeborn County, questioned the MPUC's use of the informal review process in connection with WPL's applications.²² Ms. DeBleeckere replied that the PUC has been using the informal review process for other wind projects, including 100 MW projects and larger ones.²³

Ms. Overland also sought clarification of the business relationships between the various entities involved in the Project.²⁴ In response, Mr. Javaherian explained that Alliant owns both WPL and Interstate Power and Light (IPL), and that WPL's service area is exclusively within Wisconsin, and that IPL's service area is in both Iowa and Wisconsin. There is no relationship between Alliant and its subsidiaries and ITC Holdings, which is a Michigan corporation that owns the transmission lines in Southern Minnesota.²⁵ Ms. Overland also asked about the extent of Wind Capital Group's (Wind Capital) involvement in the financing of the Bent Tree project.²⁶ Mr. Javaherian and Mr. Engels responded that Wind Capital had previously been involved in the Project, but that it was a development agency that WPL had hired to represent its development interests with landowners in the area, and that Wind Capital was no longer involved with the Project.²⁷

Dean Otterson talked about his interactions with a Wind Capital representative, stating that the representative assured him that there would be compliance with setback requirements. Mr. Javaherian confirmed WPL's compliance with the state requirements. Mr. Otterson expressed his dissatisfaction with the manner in which the Wind Capital representative had informed him about the setback requirements and how it would impact his home and farm property.²⁸

Mark Anderson asked when the appropriate governing body would approve one of the three transmission line options. Mr. Javaherian responded that the Freeborn County Planning Commission favored the two more southerly routes, but that the Freeborn County Board of Commissioners would make a decision on the route after the MPUC made a decision on the CON. He also indicated that the County Board would be providing additional opportunities for landowners to express their opinions on the route.²⁹ Mr. Anderson also asked about the precautions WPL would be taking to avoid disrupting underground field draining tiling. Mr. Engels responded that WPL uses the open trench method of excavation in order to determine whether or not the construction crew might hit drainage tiles. Mr. Engels also stated WPL also had engaged a reputable local tile contractor to accompany WPL's construction crews. He added that the company's crews would also take GPS coordinates of tile breaks and would repair the tile before the crew backfilled the trench.³⁰ Finally, Mr. Anderson inquired about the

²² Tr. Vol. I, p. 29.

²³ Tr. Vol. I, pp. 30-31.

²⁴ Tr. Vol. I, p. 31.

²⁵ Tr. Vol. I, pp. 31-32.

²⁶ Tr. Vol. I, p. 32.

²⁷ Tr. Vol. I, p. 33.

²⁸ Tr. Vol. I, pp. 34-37.

²⁹ Tr. Vol. I, pp. 39-40.

³⁰ Tr. Vol. I, p. 41.

structure of the power line. Mr. Javerhian replied that WPL will use single pole structures, and that there would be negotiations about whether the power line would be located on private property or on public easements.³¹

Bernard Hagen asked whether WPL had engaged in eminent domain proceedings or had obtained other permission to use the last three miles on the ITC line. Mr. Javaherian reported that WPL was still negotiating with landowners, but that negotiations could not be completed until after WPL's applications were approved. However, Mr. Javaherian indicated that WPL felt confident about being able to reach agreement with property owners.³² Mr. Hagen also asked how he personally would benefit from WPL building a wind farm in Freeborn County to meet Wisconsin renewable energy requirements. Mr. Javaherian replied that Minnesota has a good wind resource and that Freeborn County would benefit from tax incentives related to the wind farm.³³

Mr. Hagen then asked how the production tax worked. Mr. Javaherian explained that the tax is a credit per kilowatt of energy produced, with the money flowing from WPL to Minnesota state government. After it was collected, the state would then redistribute the money to the county. The county would receive 80% of what the state collected, and townships would receive the other 20%. Mr. Hartman indicated that a project like this could pay an annual production tax of approximately \$1.2 million per year, assuming a 38, 39 percent capacity factor.³⁴

Finally, Mr. Hagen indicated that he had developed tinnitus, or ringing in the ears, while in the Army. He indicated that he had met with his doctor to learn whether the wind turbines would affect his condition. Mr. Hagen stated that his doctor told him that living in close proximity to a wind turbine would aggravate his tinnitus and adversely affect his health; he then submitted a letter from his doctor for inclusion in the public hearing record.³⁵

Ms. Overland questioned WPL's data relating to Wisconsin's Renewable Portfolio Standard (RPS) requirements. She noted what she believed was a discrepancy between a statement on page twelve of the Certificate of Need indicating that WPL's demand for power was increasing and information on the 10-K form indicating that demand is currently below 2004 levels and has been declining after an upward trend ended in 2005. Mr. Javaherian responded that the data on the 10-K represented all of WPL's power sales in 2004, including wholesale and bulk power sales. Since Mr. Javaherian was not personally involved in the calculations, he was also uncertain whether wholesale power sales have increased in recent years.³⁶ Mr. Javaherian went on to explain that WPL was calculating demand by forecasting sales going forward. He indicated that it was necessary to use forecast numbers because of the incremental and

³¹ Tr. Vol. I, p. 42.

³² Tr. Vol. I, pp. 43-44.

³³ Tr. Vol. I, pp. 46-47.

³⁴ Tr. Vol. I, pp. 47-51.

³⁵ Tr. Vol. I, pp. 51-52; Exhibit 8.

³⁶ Tr. Vol. I, pp. 54-59.

extended construction process. He stated that WPL uses the forecast to determine what the future demand is likely to be, with the RPS then constituting a percentage of that figure. Mr. Javaherian also clarified that the calculation process includes both subtracting fossil fuels and adding other types of energy generation, including other types of renewable energy sources. WPL uses an Electric Generation Expansion Analysis System (EGEAS) program to assess future needs. The Company updates its EGEAS analysis at least yearly and uses it to determine its energy generation needs and its renewable portfolio.³⁷

Ms. Overland also questioned WPL officials about “shadow flicker” from the turbines and sought assurances that if residences are in the “zone of impact” for flicker, that the company will consider alternative turbine locations.³⁸ Siting standards for wind turbines indicate that shadow flicker is generally not noticeable beyond about ten rotor diameters from a turbine, and Mr. Engels expressed his belief that that was a “very safe statement.”³⁹ Mr. Engels also indicated that WPL had already done a lot of work on shadow flicker mitigation, including traveling throughout the proposed site, assessing the effect of the flicker on specific residences, and in some cases moving turbine locations.⁴⁰

Ms. Overland then offered for the public hearing record a partial transcript of testimony in a prior proceeding before the Environmental Quality Board concerning the annoying nature of low frequency noise as evidence to support an objection to any variance of setback requirements.⁴¹ Mr. Javaherian responded that the Company had removed its request for a variance from its application in a prior proceeding before the MPUC.⁴² Mr. Rovino of WPL assured Ms. Overland that WPL is following all state and local standards for setbacks—namely, at least 500 feet from residences and 250 feet from township roads.⁴³

Ms. Overland then outlined a number of conditions that Speaking for Safe Wind Freeborn County (Safe Wind) was asking the MPUC to impose on the Bent Tree project as conditions of approval. Safe Wind is seeking setbacks from residences of at least 1,500 feet and a sufficient setback from roads to lessen the chance the turbines might fall and block the roads. Safe Wind is also seeking sound mitigation through setbacks and other measures. The organization also desires flicker mitigation by requiring a ten-rotor diameter setback. Finally, because Safe Sound believes that sound from turbines particularly resonates inside homes, it was also requesting that the site permit require regular sound testing at property lines and inside the homes.⁴⁴ In response, Mr. Javaherian stated that WPL would meet or exceed all state and local requirements and

³⁷ Tr. Vol. I, pp. 61-64

³⁸ Tr. Vol. I, p. 65.

³⁹ Tr. Vol. I, p. 70.

⁴⁰ Tr. Vol. I, pp. 66-70.

⁴¹ Tr. Vol. I, pp. 70-74; Exhibit 10.

⁴² Tr. Vol. I, p. 74.

⁴³ Tr. Vol. I, pp. 77-78.

⁴⁴ Tr. Vol. I, pp. 79-80.

rules and would be working with the PUC, the OES, and landowners to ensure that WPL was complying with all applicable standards.”⁴⁵

Cheryl Hagen stated that she and her husband live on acreage in northwestern Hartland Township and that a turbine will be located within 1,000 feet of their acreage on one side, as well as others across the street. She expressed concern that after 30 years and as they were about to retire, she and her husband would have to leave their home. They were frustrated about their apparent lack of control over what has been happening since 2003.⁴⁶

Katie Troe, another representative of Safe Wind, expressed concern about the Bent Tree Project and offered a packet of documents dealing with the adverse effects of wind turbines for inclusion in the public hearing record⁴⁷ Ms. Troe suggested that in the past, the PUC had not adequately considered the effects of having a large wind farm in close proximity to dwellings and building sites. She was pleased that the Minnesota Department of Health (MDH) appeared to have taken Safe Wind’s concerns about the potential health effect of wind turbines seriously, and she expressed the hope that during the approval process for the Bent Tree Project, the PUC would begin to address concerns over the effects of noise and shadow flicker in permit conditions.⁴⁸ She remarked that her “hope for Minnesota is that we will be at the forefront of science and innovation, while at the same time moving forward with respect and consideration for those living next to wind projects.”⁴⁹

Ms. Troe summarized the results of her own research on the effects of wind turbines on nearby human and animal populations. She concluded that research showed the wind turbine blades displace air and thereby produce a low frequency noise that “contributes to the overall audible noise, but also produces a seismic character which is one of the common complaints from neighbors when they say that not only can they hear the noise, but they can feel it.”⁵⁰ Ms. Troe also cited studies that found that the percentage of people annoyed by noise from a wind farm increases more rapidly than with stationary noises once the noise levels exceed 35 decibels.⁵¹ She indicated that one study found that the reaction of individuals exposed to wind turbine noise represented an “intrusion into [the] private domain,”⁵² and she quoted another study that reported that while people can adjust to certain noises, wind turbine noise is different because of its “pulsating nature, varying harmonic[s], and low frequency components,” all of which continue long term without abatement.⁵³

⁴⁵ Tr. Vol. I, pp. 81-82.

⁴⁶ Tr. Vol. I, pp. 82-83.

⁴⁷ Exhibit 11.

⁴⁸ Tr. Vol. I, pp. 83-84.

⁴⁹ Tr. Vol. I, p. 85.

⁵⁰ Tr. Vol. I, pp. 85-86; Exhibit 11.

⁵¹ Tr. Vol. I, p. 86; Exhibit 11.

⁵² Tr. Vol. I, p. 86; Exhibit 11.

⁵³ Tr. Vol. I, p. 87; Exhibit 11.

Ms. Troe went on to cite a report from the United States Air Force Institute for National Security Studies that found the “transmission of long-wavelength sound creates biophysical effects” and a National Research Council study indicating that the “effects of low frequency vibration and noise less than 20 hertz on humans are not well understood, but have been asserted to disturb some people.”⁵⁴ Finally, Ms. Troe also referred to the conclusion in MDH’s White Paper⁵⁵ indicating “aerodynamic noise” from wind turbines may be “underestimated” in the project planning stages because developers measure wind speed at ten meters above ground level, whereas in some areas the wind speed near the top may be much faster than the ground level measurement.⁵⁶ The White Paper also noted that low frequency noise is generally not heard well beyond a half mile.⁵⁷ On the other hand, the terrain, buildings, and varying wind conditions may cause “aerodynamic modulation” and thus cause wind turbine noise to be heard at greater distances.⁵⁸

Additionally, Ms. Troe cited a World Health Organization recommendation that nighttime and late evening hour sound levels should be under 30 decibels to safeguard children’s health.⁵⁹ Ms. Troe also cited a report that noted that low frequency noise does not decrease with distance, is not mitigated by common building designs, may resonate inside a room’s loud points, may be picked up better by the elderly, and may cause lightweight elements of a building to vibrate.⁶⁰ In one study that Ms. Troe cited, students expressed the same annoyance level with wind turbine noise at low A-weighted sound pressure levels as other sources of noise, such as motor vehicle traffic noise.⁶¹ Based on the studies that she had read, Ms. Troe expressed the belief that low-frequency noise is significantly strong to warrant immediate concern and that low frequency noise may be more severe than other types of community noise. Ms. Troe believed that the studies that warned of problems with new turbine technology and those that recommended considering wind turbine noise emissions as environmental noise pollution had not been considered in the past, despite the data on the physical, mental, and behavioral effects of wind turbine noise.⁶²

Finally, Ms. Troe proposed measures in siting wind turbines that could minimize noise impacts. Those measures could include instituting a moratorium on the installation of large wind turbines until test trials assess the noise produced.⁶³ They could also include a wind turbine setback of 1.5 kilometers (or about one mile) from residences, an “immediate and mandatory minimum buffer of two kilometers” between a human dwelling and a large wind turbine, and “greater separation from a dwelling for a wind turbine with greater than two megawatts installed capacity.”⁶⁴ Ms. Troe advocated

⁵⁴ Tr. Vol. I, p. 89; Exhibit 11; see also Exhibit 4, Appendix D.

⁵⁵ Exhibit 4, Appendix D.

⁵⁶ Tr. Vol. I, pp. 89-90; Exhibit 11; Exhibit 4, Appendix D.

⁵⁷ Tr. Vol. I, p. 91; Exhibit 11; Exhibit 4, Appendix D.

⁵⁸ *Id.*

⁵⁹ Tr. Vol. I, p. 92; Exhibit 11.

⁶⁰ Tr. Vol. I, p. 93; Exhibit 11.

⁶¹ Tr. Vol. I, p. 94.

⁶² Tr. Vol. I, pp. 95-97.

⁶³ Tr. Vol. I, pp. 98-99.

⁶⁴ Tr. Vol. I, p. 99.

establishing “a multi-disciplinary team of experts independent of the wind industry to...investigate the health impacts on people where industrial wind turbines have been located too close to their dwelling.”⁶⁵ Ms. Troe also advocated the use of a method used by other countries for establishing sound level limits.⁶⁶

In response to Ms. Troe’s comments, Mr. Javaherian indicated that WPL was obliged to comply with the siting rules adopted by the MPUC, and he further indicated that all of the turbines that are currently being designed for the Project and being arrayed meet or exceed the siting requirements in Minn. R. 7836.⁶⁷

Dr. Carl Herbrandson of the Department of Health clarified aspects of the Department’s White Paper.⁶⁸ He indicated that MDH was not recommending that additional noise testing should be done for the Project because at this point noise testing would occur too late in the process for this Project to be effective.⁶⁹ Rather, he expressed the opinion that modeling would be the more appropriate approach because it would “come up with the information on what to expect your exposures to be” after which the state and local authorities and citizens could make decisions on the acceptable levels.⁷⁰ Dr. Herbrandson also clarified that MDH had not made any specific evaluation of the Bent Tree Project, and that the White Paper had not been directed at that particular project but rather at developing a general process and at setting the framework for future processes.⁷¹

Stan Stocker asked the OES how many wind turbines had already been sited and how many complaints the OES had received about them. Mr. Hartman responded that Minnesota already has about 1,900 MW of wind energy, the fourth highest amount in the country, and about 2,000 turbines in the OES database. Mr. Hartman also indicated that the OES permitting process does include a complaint report procedure, but that the agency had only received a handful of complaints in 14 years, and none of those complaints had involved turbine noise.⁷²

Gene Smith understood that Iowa landowners who had wind turbines on their land had to sign an agreement not to discuss any problems they encountered, and he wondered if that was the reason why the OES had not received any complaints. Mr. Hartman reiterated that there was a complaint process in Minnesota that had produced no complaints about wind turbines. He also said that in the course of his many informal contacts with landowners, he had never heard any verbal complaints.⁷³

Helen McNamara stated that her husband had talked to a town supervisor in Grand Meadow Township near Dexter where a wind farm had been developed. That

⁶⁵ Tr. Vol. I, p. 100; Exhibit 11.

⁶⁶ Tr. Vol. I, p. 103; Exhibit 11.

⁶⁷ Tr. Vol. I, p. 108.

⁶⁸ Tr. Vol. I, pp. 110-113.

⁶⁹ *Id.*

⁷⁰ Tr. Vol. I, pp. 110-111.

⁷¹ Tr. Vol. I, pp. 112-113.

⁷² Tr. Vol. I, pp. 114-115.

⁷³ Tr. Vol. I, pp. 116-119.

supervisor had indicated that truck traffic during construction had obstructed traffic on town roads. Mr. Hartman replied that he was familiar with what had happened in Grand Meadow Township, and that one of the problems had been that the project developer had had to resurface the roads because the township had not adequately maintained them. He also stated that the Company would be liable for any damage that it caused to the roads.⁷⁴ Thereafter, Ms. Overland recommended that OES and the Company make a greater effort to ensure that township officials be given the opportunity to attend preconstruction meetings with the contractors.⁷⁵

Dick Swanson re-emphasized the favorable economic impact that the Project on Freeborn County and its residents. He estimated hundreds of millions of dollars in payments would flow into the community over a 40-year period, and with the multiplier effect, the economic impact on the area would be very large.⁷⁶

Marie McNamara expressed her concern about the apparent secrecy surrounding the development of wind projects in southeastern Minnesota. She was also concerned about the possible effect of stray voltage on farm animals⁷⁷ Mr. Rovino responded that he was unaware of any studies indicating that stray voltage from wind generators had an adverse effect on animals.⁷⁸ Mr. Hartman indicated that when Minnesota began developing wind resources, a four- or five-year study was done on the impact of wind turbine on birds and a two-year study of the impact on bats. The study on birds indicated only a minimal number of bird fatalities that could be definitively attributed to wind turbines. However, the study on bats documented about 80 to 150 bat fatalities in the two-year period that were attributable to wind turbines.⁷⁹ Mr. Hartman also indicated that early wind turbines were constructed in a way that allowed eagles to perch on them, and that there was some eagle mortality. However, that problem has been rectified by current wind turbine design.⁸⁰

It was the opinion of Kristine Johnson that the low incidence of eagle mortality resulted from eagles avoiding wind turbines by relocating to more hospitable habitat, and that the studies of bat may have understated actual mortality. More generally, Ms. Johnson expressed concern that current setback requirements do not allow people to be a safe distance away from the noise that wind turbines produce.⁸¹ She also expressed concern about blade flicker.⁸² In response, Messrs. Javaherian and Rovino provided Ms. Johnson with a detailed explanation of how WPL had used acoustic modeling studies to establish its minimum setback requirements for residences.⁸³ Finally, Ms. Johnson later submitted a copy of a newspaper advertisement in which a

⁷⁴ Tr. Vol. I, pp. 119-125.

⁷⁵ Tr. Vol. I, pp. 126-128.

⁷⁶ Tr. Vol. I, pp. 120-130.

⁷⁷ Tr. Vol. I, pp. 133-140.

⁷⁸ Tr. Vol. I, p. 140.

⁷⁹ Tr. Vol. I, pp. 142-144

⁸⁰ Tr. Vol. I, pp.145-146.

⁸¹ Tr. Vol. I, pp. 157-159.

⁸² Tr. Vol. I, pp. 159-160; Exhibits 12 and 13.

⁸³ Tr. Vol. II, pp. 3-12.

Wisconsin landowner discussed problems that he had encountered in allowing a wind turbine to be located on his land.⁸⁴

In response to a question from Mr. Hartman, Mr. Engels indicated that WPL was planning to start Phase 1 at the southern half of the site and then build to the north until it had 122 confirmed turbine locations. The northern portion of the site would then be reserved for future development in a Phase 2.⁸⁵ Mr. Engels also estimated that there were between 300 and 325 landowners within the Project boundaries and that 226 of them were participating in the Project.⁸⁶

In response to a question from Jason Jacobusse, Ms. DeBleeckere stated that MDH's white paper, which was incorporated into the Environmental Statement as Appendix D, would be among the document reviewed by the Commission in making its decision on the permit application and on any conditions imposed on the applicant.⁸⁷ Mr. Jacobusse later asked about WPL's response to the results of MDH's white Paper. Mr. Javaherian responded that WPL had already responded by establishing 1,000-foot minimum setback requirements for residences in comparison with the 500-foot minimum in current standards.⁸⁸ Mr. Hartman further indicated that a number of variables would be involved in determining the siting of each wind turbine, but in every case the setback would have to meet MPCA standards.⁸⁹

Allan Raynan inquired where the transmission line would be located with reference to property that his wife owned. Mr. Javaherian reiterated that three routes were being considered, and that the Freeborn County Planning Board had recommended that one of the two southern routes be selected, but that the County Board had not yet made a final decision.⁹⁰

Citing a number of examples, it was the opinion of Peter Reinarts that the Environmental Report for the Project and the data on which it was based were inadequate.⁹¹ Mr. Reinarts also expressed concern that the report did not address all of the possible alternatives. In response, Mr. Hartman indicated that the Environmental Report was intended to be a general document, and not a detailed one.⁹² Mr. Reinarts later asked whether WPL would act on MDH's recommendation to upgrade the PCA's rule on setback standards. Mr. Javaherian indicated that no decision had been made.⁹³

Scott Ryan expressed a number of the concerns about the Project that other speakers had raised. Specifically, Mr. Ryan stated that he and his wife had been given agreements by other wind resource developers that contained nondisclosure

⁸⁴ Exhibit 13.

⁸⁵ Tr. Vol. II, pp. 12-14.

⁸⁶ Tr. Vol. II, p. 18.

⁸⁷ Tr. Vol. II, p. 20.

⁸⁸ Tr. Vol. II, pp. 56.

⁸⁹ Tr. Vol. II, pp. 61-65.

⁹⁰ Tr. Vol. I, pp. 22-23.

⁹¹ Tr. Vol. II, pp. 24-32.

⁹² Tr. Vol. II, pp. 32-33.

⁹³ Tr. Vol. II, pp. 66-68.

agreements. Mr. Hartman advised Mr. Ryan to get satisfactory answers to all of his questions from a wind developer before signing an easement agreement.⁹⁴ Mr. Ryan also expressed concern that the existing setback requirements would be inadequate to prevent noise problems. Additionally, he was concerned that stray voltage carried by ground wires would interfere with the milk production of his dairy cows. Mr. Hartman explained that stray voltages are normally a problem with local distribution systems that have grounding issues. It was his belief that stray voltages should not occur with a wind farm. For the most part, wind farms are grounded properly and only interconnect to a high voltage distribution grid.⁹⁵

Dana Christiansen commented that he had been close to operating wind turbines and had not detected a noise problem. He also believed that there were not many dairy cattle in Freeborn County. Mr. Christiansen does raise horses and believed that his horses might initially be scared by the sight of a rotating wind turbine, but that they would eventually get used to it.⁹⁶

It was Marvin Christiansen's opinion that the Project would be good for Freeborn County because of the tax revenues it would generate.⁹⁷

Finally, Katie Troe asked Dr. Herbrandson why wind turbines are noisier at night. In response, Dr. Herbrandson indicated that unstable atmospheric conditions during the day tend to result in the same wind speed at the top of the turbine blade rotation as at the bottom, which minimizes noise. However, at nighttime, the relative calm tends to cause a high speed at the top of the rotation and a low speed at the bottom, which produces noise. Whether that phenomenon causes a noise problem depends on what the setback is.⁹⁸

Summary of Written Comment

After the public hearing, Dr. Herbrandson submitted a written comment responding to a question from Mr. Hartman about whether the noise analysis in the noise assessment for the Blue Sky & Green Field Wind Project was the type of analysis that MDH was recommending in its White Paper. Dr. Herbrandson stated that he found the noise estimates in that report to be reasonable, but that he would want to validate the calculations that were made before relying on them. He continued by stating that one way to quantitatively evaluate wind turbine noise is to use the current Minnesota dB(A) standard. However, MDH believes that this may underestimate the potential impacts of wind turbine noise when compared to application of that standard to other noise sources. It was Dr. Herbrandson's further opinion that monitoring of potential dB(C) exposures would provide another measure of wind turbine noise that could be used to help determine appropriate wind turbine project setbacks. MDH is recommending that dB(C) models include sound contour mapping in order to provide

⁹⁴ Tr. Vol. II, pp. 35-47

⁹⁵ Tr. Vol. II, p. 51.

⁹⁶ Tr. Vol. II, pp. 52-53.

⁹⁷ Tr. Vol. II, p. 55.

⁹⁸ Tr. Vol. II, pp. 70-72.

information for communities and regulatory agencies that can be used to guide siting decisions.⁹⁹

Melvin Hobbiebrunken commented that the Project was a valid one and that permits should be issued to allow construction.¹⁰⁰

Francis and Becky Pfeffer are homeowners along the Project's boundary and expressed concerns about its need, safety, and other factors that would affect the community. They believe that open land for wind production should be reserved for Minnesota's energy needs, and that WPL should find ways of meeting its needs in Wisconsin. They also believed that a minimum setback of 1500 feet was necessary to preserve safety and health. Additionally, they are concerned that construction of the Project would have a negative effect on the market value of their home. It is their position that the CON should be denied unless there are conditions requiring wind turbines to e setback at least 1500 feet from residences and requiring WPL to compensate homeowners for home upgrades necessary to mitigate noise, light flicker, and television and radio reception problems.¹⁰¹

Jason Jacobusse also submitted a comment urging the Commission to require a minimum half mile setback from human dwelling and from the property lines of non-participating property owners.¹⁰²

Peter Reinarts submitted a written version of the testimony he gave at the public hearing.¹⁰³

Amy Wasson is an attorney for Safe Wind and submitted written comments on behalf of that organization. It is Safe Wind's recommendation that the Commission deny WPL's requests for a CON and site permit unless certain specified changes are made to the Conditions currently set forth in Section III of the Draft Permit.¹⁰⁴

Ann Buck's family farm is in the footprint for projects being proposed by two other industrial wind companies. She is concerned that wind farms generally case families to relocate from communities because of health concerns, lower property values, and their visual impact.¹⁰⁵

Bruce and Marie McNamara submitted written comments that amplified Mrs. McNamara's testimony at the public hearing. Although they are residents of Goodhue County and therefore outside the Project boundaries, they are concerned that the accelerating development of wind energy in Minnesota is compromising public health and safety. They are also concerned about the neutrality of the information that the Commission is receiving about wind project. Mr. and Mrs. McNamara also submitted a

⁹⁹ Exhibit 16.

¹⁰⁰ Exhibit 17.

¹⁰¹ Exhibit 18.

¹⁰² Exhibit 19.

¹⁰³ Exhibit 20; *see also* Tr. Vol. II, pp. 24-35.

¹⁰⁴ Exhibit 21.

¹⁰⁵ Exhibit 22.

copy of testimony about wind resources that New York's Deputy Secretary of Energy submitted to the United States Senate Committee on Energy and Natural Resources in March 26, 2009.¹⁰⁶

Helen McNamara also submitted written comments to supplement her public hearing testimony. In Ms. McNamara's view, the problem is not a lack of adequate energy supplies, but our country's appetite for energy. She urges the Commission to consider a "no-build" option and deny certification because she believes that the demand for electricity can be met more cost effectively through energy conservation and load management measures. Ms. McNamara also submitted a copy of an article titled "Living better, but wasting less" for the Commission's consideration.¹⁰⁷

Kristine Johnson also supplemented her public hearing testimony with written comments. She stated that she remains concerned about prolonged exposure to noise from wind turbines, and she believes that models need to be developed for analyzing potential dB(C) exposures before proceeding with the Bent Tree Project or any other wind farm. Ms. Johnson is also concerned that turbulence caused by wind turbines will limit her potential access to the Mayo Clinic's helicopter. Another major concern for her is the possible adverse impact on the U. S. economy of job loss resulting from government subsidization of wind energy, and she included in her written comments excerpts from a report prepared by U. S. Senator Kit Bond.¹⁰⁸

Katie Troe of Safe Wind also submitted supplementary written remarks. She specifically requested that the MPUC prohibit the inclusion of nondisclosure agreements in landowner agreements as a siting permit condition, and she included copies of Bent Tree Wind Farm's "Wind Farm Cooperation Agreements" that Safe Wind had obtained, as well as a copy of "Landowner Guidelines for Evaluating Wind Energy Production Leases" prepared by Michigan State University's Department of Agricultural, Food and Resource Economics.¹⁰⁹

Adam M. Sokolski, a Business Developer with Iberdola Renewables (IBR), submitted a letter dated and received by email on July 14, 2009. IBR has approximately 400 MW of wind turbines operating in Minnesota. Mr. Sokolski expressed his opinion that applying Minnesota's existing 50dBA standard has worked to limit wind turbine noise emissions in residences in and around wind farms. He stated that IBR has complied with that standard and has not received any complaints about wind turbine noise from landowners in the vicinity of its projects.¹¹⁰

¹⁰⁶ Exhibit 23.

¹⁰⁷ Exhibit 24.

¹⁰⁸ Exhibit 25.

¹⁰⁹ Exhibit 26.

¹¹⁰ Exhibit 27.

On July 14, 2009, WPL efiled written Post Hearing Comments.¹¹¹ Attached to its submission was data on the Project's total parcel count, including participating landowners and non-participating landowners, which the OES had requested during the public hearing. Also attached were non-redacted versions of WPL's Certificate of Need Application and Site Permit Application. In its comments, WPL emphasized that it has developed the Bent Tree Project in strict compliance with the MPCA's Noise Standard rule (Minn. R. 7030.0040), and that it has been running a noise model and has graphically analyzed the results on a sound contour map with the turbines to determine if any residences would experience noise above the MPCA standards. WPL has also voluntarily designed the wind farm so that there are no turbines closer than 1000 feet to any occupied residence, which in all cases is above the level required by the rule.¹¹²

No other written comments from the public were received.

Dated: August 25th, 2009.

/s/ Steve M. Mihalchick
STEVE M. MIHALCHICK
Administrative Law Judge

Reported: Janet Shaddix Elling, R.P.R.
Shaddix & Associates
Two Volumes

¹¹¹ Exhibit 28, available at:

(<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showPoup&documentId={14BDF7F9-734A-41E8-B6BF-2824741AD1C3}&documentTitle=20097-39642-01>)

¹¹² *Id.*

From: Carl Herbrandson (MDH) [mailto:Carl.Herbrandson@state.mn.us]
Sent: Tue 6/30/2009 3:07 PM
To: Steve.Mihalchick@state.mn.us
Cc: Larry Hartman
Subject: Response to question at Albert Lea Hearing

The Honorable Steve M. Mihalchick,

At the end of the hearing last night Larry Hartman, from the Office of Energy, asked me a specific question related to Table 2.0.2 in Report Number 022806-1 Noise Assessment Blue Sky & Green Field Wind Project (2006). "Is this the type of analysis of dB(C) levels MDH was recommending in the MDH White Paper?" I was not familiar with the report, so you asked me to review it and respond by email.

I have completed reviewing the report. Overall, I found the noise estimates in the report to be reasonable, but limited for reasons described below. Also, before relying on the low frequency noise estimates in the report, I would want expert confirmation that the frequency-dependent noise attenuation calculations are correct.

One way to quantitatively evaluate wind turbine noise is to use the current Minnesota dB(A) standard. MDH believes, as stated in the White Paper, that this method may understate the potential impacts of wind turbine noise when compared to application of this standard to other noise sources. Publication of potential dB(C) exposures would provide another measure of wind turbine noise that could be used to help determine appropriate wind turbine project setbacks.

The table in question last night provides estimates of dB(A) and dB(C) at 1000 ft for 4 different wind turbines. This is good information, but additional information would be helpful. As stated in the MDH white paper, the noise from multiple turbines can be greater than the noise from a single turbine. This is especially true for low frequency noise (dB(C)) which is attenuated less by distance than the higher frequencies. Therefore, modeling should consider the cumulative exposure from all turbines. Maps with dB(C) sound contours would help a community to evaluate low frequency noise.

MDH recommends that dB(C) models include sound contour mapping in order to provide information for communities and regulatory agencies that can be used to guide decisions.

Thank you for the opportunity to comment on this permit application.

Carl Herbrandson