Exhibit J

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Dora Mills
Warren Braun
~~Andy Fisk~~
~~Becky~~ Headley
Beth Callahan
Jim Cassidy

Wind power - conference call 3/5/09

Warren:

20+ yrs in Europe -> wind turbine noise has been being researched over the years. {Denmark, Belgium, Germany, [redacted]}

Regulations adopted across by each particular country. In US -> slow response to wind turbine noise. [redacted] Industrial noise started being addressed in 60's-70's, but we haven't addressed wind turbine noise yet.

Internet -

wind turbine experts, studies in Europe, conclusions drawn. - people have access to this info.

Dr. Pierpont -> studies in US recently done. medical research conducted. (scientific study)

Science behind wind turbine noise ->
low-freq. energy causes a rumbling.

At unknown distance -> get some of that ~~noise~~ rumbling noise, especially at windows open at night in rural area.

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* Low-freq. rumble created by turbines.

France took lowest 10% of sound that occurs at night → (L-90) * Acoustic sound at night can be (L-90+2) twice what it is, based on A-weighted sound
↳ France said no to turbines! (Measured at property line.)

Acoustic energy can damage hearing!

Dora Mills:
* Just because you can hear it doesn't mean it has adverse health effects!

Warren:
A-weighted measurements established by OSHA for indust. noise → Different altogether than wind turbines.

A-weighted is based around hearing protection!

L-90 → allow this to be adjustable to the existing sound level of the area. (Raises base-line up!)

European Standards:
UK = 43 dBa or L-90+5
Australia = 35 dBa

* Europe captures lower freq. noise the same as US does.
* Maine's rules are very conservative in US.
↳ 45 dBa in ME!

↳ But, as a community we have not taken account for the low-freq. spectrum!

The other counties use dBa as well, not dBC.

→ But, ME needs to think about low freq.

Dora Mills:

① Went thru Dr. Pierpoint's studies. She says it's not scientific (group of attendees ≠ scientific study!)

② CO - DOE studies → ~~noise~~ not ~~related~~ to medical issues.

③ Canada → a couple articles in Journals
↳ can have annoyances, but not necessarily health effects.

④ Europe - Annoyance = adverse health effect (WHO)
- World Health Organization -
↳ studies done in Urban areas, not rural!

⑤ UMASS ~~Amherst~~ Amherst - 1995
- info from animal N.E.
- info in Netherlands = 30-35 dBa.

⑥ ME - looked at Std's.
→ Reviewed peaks issues in Mars Hill.
☆ ↳ Are our reg. protective enough?

Not a lot of evidence of adverse health effects, even at Mars Hill, but subjective!

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Anecdotal issues w/ noise only!

Mars Hill
WHO issues > need to strengthen these!

Andy: DEP
Awarded Mars Hill a 5 decibel variance (for 50 dBa) but we wouldn't do that again.

Warren: 45 dBa will still penetrate their houses! (low-freq noise) -> noise can get inside and resonate -> consequently, noise can be louder inside than outside!

- can't regulate indoor noise!

Annoyance based on WHO -> Warren says not credible!

☆ ME's noise levels based on:
↳ 10% of pop. will be annoyed by noise.

Warren -> Has issue w/
Model being used -> currently its based on industrial noise, not wind turbine noise!
↳ we haven't been able to determine that this model is accurate for wind turbines.

Dora Mills:
ME Med. Assoc. Mtg -> coming up.
Lewiston Sun Journal needs answers

- Angus King will speak at the mtg as well.
- we are moving forward w/ mistakes made at Mars Hill (variance, siting).
- WHO issue → many decades of experiences in Europe → their std's are close to what ours are. (measured in dBa!)

Warren:
Lots of studies done in Denmark/Netherlands → show annoyance is an issue!

Dora Mills:
States there is no evidence for state-wide moritorium! Lots of health benefits to wind turbines!

① WHO issue → many yrs of experience w/ wind turbines → no evidence of adverse health effects!

Andy: ② Mars Hill issue - we have learned a lot from this project and will not allow variance, have changed siting, etc...

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Warren:

Reviews are ready to send out!
Based on models → in compliance w/ predictive model for 45 dBa night time noise, but still questions regarding the model! → Based on industrial noise.

1990 - Hudson paper done for NASA on nightime noise,
↳ based on point source, but turbines are not point sources or line sources → they are in between!

Stable atmospheric conditions:
↳ Wind speed is stratified as change elevation → may vary a lot → causing air turbulence + swooshing, + popping noise. Very

↳ Wind turbine noise needs more investigation!
① need to be able to predict stable atmospheric conditions
↳ has friend in air force who is meteorologist → will contact him!!
② setup protocol for acoustic measurements w/ DEP staff member on-site.

↳ may be able to get reading w/in month or so, but not sure at this moment.

→ Questioning RSE's assumptions, due to the model.

→ He's convinced that we can use dBa! and don't need to use dBc.

Sound pressure levels may need to tested to make sure they are in compliance w/ noise rules.
↳ need to collect more data (for Mars Hill)
↳ looked at the wrong model!

weather shouldn't be too much of an issue this time of year.

Stability based on:
- Seasons
- Atmospheric conditions

There is a period when turbines are loud, but not sure how to predict this yet.
↳ Needs to figure out stable atmospheric conditions first!

3 options - Next Steps:

① Need to calibrate model being used and determine compliance w/ Mars Hill.
↳ Then need to apply it to Rollins + Record Hill. (Need to look at worst-case predictions).

- Or -

③ If don't go back to Mars Hill →
↳ 4 models for turbines → he's not familiar with them but would find someone who is.
↳ would use these models for Rollins + Roxbury (Nordex model).

- or -

② Data-mining existing data for Mars Hill
Nordex model
↳ exists

Jim:

If chose option 3 -> Nordes model -> can we put it back on applicant to run the data?

↳ Warren says that would work.

Compare outcome w/ the Nordes model w/ existing one used.

Warren:

Nordes is a 2000+ model that considers wind turbine noise, but not sure if it is a good model to use. Not sure how widely its used.

☆ Will clarify next step w/ model. Will be in touch w/ Jim tomorrow afternoon!