

Comments for the Lincoln Township Wind Turbine Survey
Completed May 15, 2001

Question # 1a

- 1 We get a "strobe effect" throughout our house and over our entire property (40 acres).
- 2 In the spring and fall there is a strobe effect inside the house and in our yard.
- 3 In the morning through the south bay window the blades can be watched on the walls.
- 4 On sunny mornings the strobe lighting comes in the windows even with the blinds down.
- 5 On sunny days we get shadows from blades.
None that we know of yet.
- 6 Around 4:00-5:00
Too far away
- 7 Unsightly blemish in a normally beautiful part of the country.
- 8 We are not yet living in or house, so our answer to some questions is no but we are greatly against having wind turbines near our home.
- 9 In fall I get a shadow.
Went sunshine we get in are backyard.
- 10 We installed vertical blinds but still have some problems.
- 11 Big time problems
- 12 Shadows are cast over the ground and affect my balance.
- 13 Strobing effect in living room on TV.
- 14 Very hard to watch TV or do any work in the kitchen, as the shadows are distracting.
- 15 Reception on equipment in my house
- 16 When the sun is setting it shines through the blades, causing sever flashing in our house.
- 17 They come across the lawn and one of the walls in the house.
- 18 We get it all summer long and some winter months.
- 19 Circle across living room and kitchen in afternoon.
- 20 I know people who live closer and this is a problem!
- 21 Shadows from the blades sweep over our house and yard and ruin our quality of life.
- 22 Strobe light effect coming through the windows.
- 23 Strobe light affect.

Question # 1b

- 1 Poor reception 11 and 14
- 2 Channel 14 flickers at the same rate as the turning of the turbine blade. Minimum of 50' antenna tower proposed but no guarantee that would be high enough. Such a tower is unacceptable.
- 3 WPS's TV consultant did not believe a 50' TV tower to be adequate for us. We now have a dish system from WPS with basic networks from east and west coast but do not receive Green Bay area stations.
- 4 Lately we have been having TV reception problems.
- 5 Our reception is bad since the turbines went up.
- 6 It is either high or low sound, also some stations are clear and some aren't.
- 7 Channels 38 and 26 are snowy and have static surges.
- 8 At times we get black and white TV. Two channels come in hazy!!

9 Only get 3 channels

Better

10 I don't know if it's the turbines causing the problem but it seems since they've been up my TV's cut off in the middle of a program.

11 Certain days depending on wind direction Morse codes lines across TV screen.

12 Some days the picture is foggy and snowy.

13 It does at times affect reception and especially when the red lights blades.

14 Channels hazy or can see the flipping of the blades.

15 Poor reception for channels 11 and 14

16 There is this really loud noise that runs through the TV and reception gets real static.

17 This will last for about 2 minutes and then clears at least once a day. Already ruined one TV. Had to buy another.

18 Some stations are not good.

Not proven

Put a bigger TV antenna up

We have problems occasionally with channel 11 but I am not sure if it is because of the wind turbines.

Reception is poor on a majority of the channels and am not sure if it's the windmills or radio towers.

19 Channel 2 is not as good as before

No channels come in clearly at our home even though we do have an antenna. This may or may not be caused by the windmills.

At times even using antennas

Perhaps?

20 Poor reception since they were erected, real bad on some days.

21 I feel my channels 26,32,38, and 14 are poorer.

It did for a while but not anymore.

TV use to black right out at times. Got my TV repairman to fix it at my expense.

22 Sometimes

23 At night when red light blinks, we get that in our TV etc in Rynue with light one in a way we get a gap in TV!

24 Unable to receive some local stations.

Not sure if poor reception on local stations can be attributed to the wind turbines or not. Channel 14 is snowy.

25 At times you can see shadowing on the TV that imitates the blades moving, also poor reception.

26 Have interference on channel 2.

27 On channel five and a windy day

Who cares though!

28 Have shadows on 2 channels

29 Affect TV reception

Was fixed by public service for now!

30 On some days we notice "snowy" reception because of our location, we had to install antenna (several years ago). We really didn't notice the reception problem again until the windmills.

31 Reception not the best.

- Could not get any reception however the company has installed an outside antenna for us, which has solved the problem.
- 32 Some stations don't come in well.
I don't know because I moved here after they were installed.
- 33 We seem to have reception problems with some stations that other people living away from the turbines do not.
- 34 Ever since they went up our reception is bad.
- 35 Don't get reception that I use to get.
Not sure, I don't see any problem
Moved here after wind turbines were up, unsure if they're the reason for TV reception problems.
Fuzzy on some days.
Unsure, reception could be better.
- 36 When the turbines are running I have a very difficult time receiving all UHF to some VHF channels.
- 37 Channel 14 is bad, we don't want a tower. Once in a while we have interference with other channels.
- 38 Some days, depending on the direction they're turned.
Sometimes but not often.
- 39 Channel interference
At times my TV reception is poor but I am not sure if the turbines are the cause but before they were put up I had no trouble.
- 40 One station has been affected.
- 41 At times there is a strobing effect across the screen which coincides with the turning of the blades.
Not in-line with the TV towers or it probably would.
Don't think so.
It did, WPS put in a 50' TV tower so we could get local TV reception.

Question # 1c

- 1 Blinking red lights disrupt the night sky. They make it seem like we're living in a city or near a factory.
- 2 With winds primarily from the west, northwest, and southwest we have red flashing lights in our home.
- 3 Shine in bedroom windows
- 4 At night it is very irritating because they flash in the windows.
- 5 I have a large bay window with a reliance and it is distracting.
- 6 It interrupts a beautiful starry night.
- 7 Not causing problems, just annoying. They surround us.
- 8 Looks like a circus, live in the country for peace and quiet.
- 9 Get the blink of light in TV.
- 10 Disrupts my life
- 11 A horrible affect on the serenity of the night and blink into my home.
- 12 We have to keep drapes closed at night.
- 13 No but everywhere we look we see them. It looks like an airport.
- 14 We now live in a red light zone.

No problem.

15 An annoyance.

16 When we're lying in bed we see them.

17 They have ruined the night sky.

18 Yes when you lay in bed. It's not like just looking out and seeing clouds, etc. There is that wonderful red blinking light.

19 The blinking red lights can be seen from our bedroom window. What once was a serene night sky looks like flashing city lights.

20 Annoying and ruining the night landscape.

Question # 1d

Health Issues Highlighted

1 Sometimes so loud it makes it seem like we live in an industrial park. The noise dominates the "sound scape". It's very unsettling/disturbing especially since it had been so peaceful here. It is an ongoing source of irritation. Can be heard throughout our house even with all the windows and doors closed.

2 The noise generated by the turbines can be felt and heard inside as well as outside the house. Since most wind is from the west, northwest, and southwest we are usually down wind from the turbines.

3 When there is a strong south wind and you are sitting on the deck you can here the swish of the blades.

4 Wind from south, constant droning sound

5 They are very loud when it is calm outside.

6 It is the annoyance of never having a quiet evening outdoors. When the blades occasionally stop its like pressure being removed from my ears. You actually hear the quiet, which is a relief.

7 At night I have a hard time sleeping because I can hear them.

8 Depending which way the wind is we hear a slight noise.

9 Only when I'm outside and it's quiet. It's a big whoosh sound
Does not affect us.

We don't live close

10 Sounds like a gravel pit crushing rock nearby.

11 Sometimes depends which way the winds are blowing.

12 Sometimes

We can hear a mild hum in ideal conditions and if we pay attention to hear it.

13 Here when you go to bed and try to sleep at night or when you're outside working you hear what is like a constantly running silo and humming and swoosh sound from blades.

14 A loud whooshing noise.

At times we can hear them.

A faint sound

15 Can here them at night!

16 Occasional noise

17 Very noisy, very annoying when conditions are right.

18 When high winds

19 Very annoying if we have the windows open at night.

20 When the wind if from the northwest, we can hear the turbines. It sounds like a threshing machine running. It is annoying.

- 21 Loud swooshing comes through walls and bothers sleep and serenity of country living.
- 22 North winds and cold wind you can hear noise.
- 23 Can hear on some days even 2+ miles away. I'd hate to live near them.
- 24 Very noisy when wind is out of the southwest, west, south and east. At times we can hear them with the windows shut. There are very few days we don't hear them.
- 25 People that say they don't make noise. They probably say that you can't see them either. "RIGHT"
- 26 When I'm down wind from the turbines I hear a swishing noise, when directions are right.
- 27 Very audible in the spring, summer and fall when our windows are open. Sounds like the pounding of heavy machinery. Very nerve racking when subject to this.
I hear the wind towers once in a while.
- 28 Depending which way the wind blows and the time of the each wind a swooshing sound can be heard and it is very annoying. Several make the noise constant.
If outside for extended periods of time the mind registers the whooshing sound and I "hear" it even if I really don't. Windows remain closed in summer during the evenings.
- 29 The noise can make it impossible to fall asleep. It makes an uneven pitch not like the white noise of a fan. Can be heard through closed windows making it hard to fall asleep anytime of the year.
- 30 You can hear them at times as far as two miles away.
- 31 Summer, spring, and fall when windows are open the swooshing of the blades.

Question # 1e

None (times 26)

Not applicable (times 2)

No (times 5)

The sight of the towers is not particularly pristine.

The issue of stray voltage has not been addressed.

Land value has decreased. Traffic increased. Roads in very bad shape. I thought this would be fixed. Promises. Promises. Yeah right!

People driving by and stopping on the roads.

Stray voltage

I live approximately 1 ½ miles from the windmills. On a quiet night with the right wind direction, I can hear the windmill noise. People living within a ¼ mile should probably be compensated for the noise and nuisance.

None at all

Not compatible with surrounding area, eyesore, takes away the beauty of surrounding views. All future towers should be banded permanently.

I put in my big expensive bay window to enjoy the view and that's all you see.

No problems

They could be a target in an attack.

They are an eyesore when we look out the house!

Appearance

They are an eyesore. I am just glad they are not any closer.

Seems to have changes travel patterns of wildlife.

Made a lot of people very unhappy. Should put where there are no homes around.

I'm not sure about stray voltages and the problems it can cause.

A lot more traffic on the road- lot of strangers and the way things are going sometimes you just don't feel so brave.

I feel the above questions area repeat of all the same. We went through originally. Over and done!

Things that WPS didn't tell people about.

Just the overall appearance and size of the turbines is negative to our once beautiful country and farming community landscape. These turbines just plain look bad here. The turbines are not close enough to our property to annoy us. The blinking lights are noticeable but not a problem.

None at all

Environmentally safe, put up more.

More traffic leading to the towers.

Stray voltage problems, bring lighting strikes closer to our home.

The rotating blades catch my eye when I am outside. They make me dizzy and offset my peace of mind out in the yard.

My nerves

There are enough to keep our town residential, we don't need any more.

If a farmer would have been subsidized as much as this wind project you wouldn't see farmers going out of business

Reception on radio

An esthetic problem- the windmills are a scab on the horizon.

I'm concerned about stray voltage.

We think there is stray voltage and long-term affect on our health.

Stray voltage or earth currents traveling in the earth.

Why should people make money at someone else's expense? Build them, live with them next to them like we have to.

Turbines have decreased the quality of our country living experience and are non-passive eye distraction of the scenery.

Need more

Stray voltage is a very real problem in our neighborhood. We have had our property tested and the results were frightening.

More concern over seeing more lightening than in the past- before generators were erected. Motors sometimes "grind" like a brake is being put on to slow the blades.

Eyesore when viewing the country side.

Question # 2

1 I don't open the window at night anymore but the fan is on.

This man is 80 years old, others in the neighborhood have been awakened by the sound.

2 Not awakened but found it hard to fall asleep!!!

3 Enough to go to the doctor because I need sleeping pills. Sometimes it absolutely drives you "nuts".

4 We have had to keep our windows closed. Night time is the worst.

5 Have had difficult time falling asleep. Windows must be closed!

Question # 3

1 They have disrupted the sense of peace we had by living in the country, adding to our stress. More or a psychological health effect. Who know what the long term affects of low frequency sound waves are?

2 The noise, flashing lights, interrupted TV reception, strobe effect and possible effect of stray voltage has created a level of stress and anxiety in our lives that was not present before the turbines installation. From the beginning there has been a lack of honesty and responsibility on the part of WPS.

3 Constant reminder of ugly use of wasted taxpayer money on out dated technology.

4 Less sleep brings stress on the job and family.

Who knows the long term affects.

5 Stray voltage has caused problems with our cattle. Eventually it will start to cause problems with humans. It's just a matter of time.

6 Free and clean electricity is positive for everyone's health.

Mental

Safer for production of current and better for the future production and conservation. No nuclear reactors which are known to cause health problems.

When you really don't like something I guess it does affect you!

Too early to tell about unknown long-term negative affects. Also electric prices have gone up.

Pleasant to see, relaxing to watch

7 Not that we're aware of. NO NEW WIND TURBINES

They have caused less CO₂ to be created because fossil fuels were not burned to generate electricity.

8 Noise bothers me, sight of landscape with windmills depresses me.

Don't know how it could affect your health in the future.

Unable to determine that fact.

9 I wake up with headaches every morning because of noise causes my to have very restless sleep at night!

I feel this is a statement that is undeterminable at this time.

How will a person know when the turbines have only been running for 2 hours.

10 Make living in the Town less desirable and causes stress on my family and me!

11 They affect my peace of mind and do not belong in rural areas where there are homes.

12 Gotten me mad, high blood pressure, and not a good night's sleep!

Non-use of fossil fuels

13 Colds that last all winter and also coughs.

I live about 4 miles from them.

I think the windmills are a good thing and very positive for the town.

14 They have changed the life style of peaceful country living. It makes one sick. They could have been put in places where they would not have bothered people.

15 Haven't seen any good for us around here.

16 Arthritis has been worse this past fall and winter than it has ever been. Maybe stray voltage.

It's a good feeling to have a good feeling of not polluting the air!

17 All family members have more headaches and joint pain.

18 If it's causing problems in my cows, what's it doing to me?

- 18 Hard on the nerves, very sad that our neighbors did this to the neighborhood. If the Town wants more why don't they put them by the board members that wanted them.
- 19 Our whole family has been affected. My husband just went to the doctor because of his stomach. He hates them. We have fights all the time about them. It's terrible. Why did you put them so close to our new home and expect us to live a normal life. If it isn't the shadows it's the damn noise. The only people that think they are so great and wonderful are those who really don't know. Great way to get energy but why should certain people get laughed at and pay the price.
Shows we're showing concern for future generations.
Haven't affected me but I believe this would be a long-term issue!
- 20 We have no way of knowing long-term affects. Growing concerns with stray voltage and its affect on health. We've had frequent headaches, which we didn't have before. Especially in the morning, after sleeping at night. We need answers!
- 21 It has taken a long time not to have a totally negative attitude toward their existence. Now I just wish they weren't so close to my home. I doubt I will ever get "used" to them. Lucky I'm far enough away, I can understand the problems they are creating with anyone close to them. See if Door County wants them!!
- 22 Strobe light, headaches, sick to the stomach, can't shit everything up enough to stop the strobe coming into the house.

Question # 4

- Not that we know of
The issue of stray voltage is unresolved and is not addressed.
More traffic. I used to feel safe walking or riding bike.
People driving and stopping.
Wind is a safe form of energy.
Safer than radioactive reactors around here
Not yet
Sure hope they don't.
- 1 More traffic and have to back out of driveways (live on hill, hard to see).
Can't yet tell the negative short or long-term affect.
- 2 However I wonder about them attracting lightening during electrical storms.
By reducing the amount of coal burned less mercury is being added to the environment, particularly the lakes.
We don't know how they can affect us in the future.
- 3 Sometimes the cars stop on the road and we don't know who they are. There is a lot of traffic.
Unless they come apart, are they dangerous?
Don't get very restful sleep because it impacted on my health.
- 4 While they were being installed the destroying of the roads, noise, and extra traffic have been negative.
- 5 More traffic on the roads
Hasn't affected me as of yet. Don't know what will happen in the future.
- 6 Distracting when driving and adds stress to living here.
- 7 They catch my eye and I look at them instead of the road. They are dangerous.
- 8 Increased auto traffic!