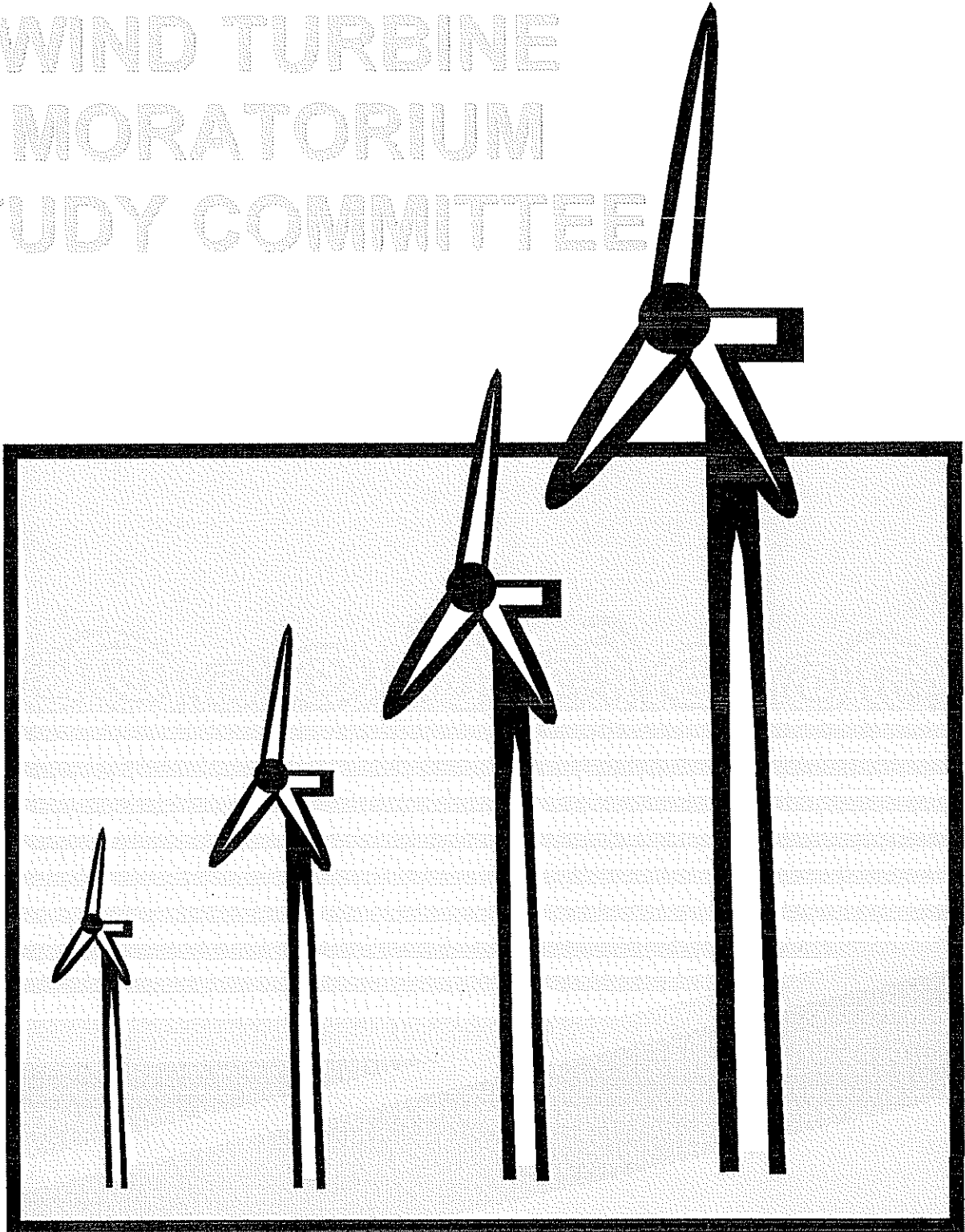


see my summary Word document
WI Lincoln township survey summary

FINAL REPORT of the WIND TURBINE MORATORIUM STUDY COMMITTEE

THIS PDF APPEARED AS PAGES 71-150
in the document whose title page is here, and is
stored locally as
WI lincoln_township-full_moratorium_report.pdf



Tab 8

Survey and cover letter
Survey results
Survey graphics

March 29, 2001

Dear Lincoln Township resident,

In 1999, 31 wind turbines were installed in Lincoln and Red River Townships by Wisconsin Public Service Corporation (WPS) and Madison Gas and Electric (MG&E).

In July of 1999, the Lincoln Township Board of Supervisors passed a temporary moratorium (halt) on the construction of more turbines. The Board of Supervisors also appointed a committee to study the impact that the wind turbines are having on the township and its residents.

The enclosed survey represents the efforts of the Moratorium Study Committee to assess these impacts. The results of the survey will be forwarded to the Lincoln Township Board of Supervisors. The results will also be shared with Lincoln Township residents.

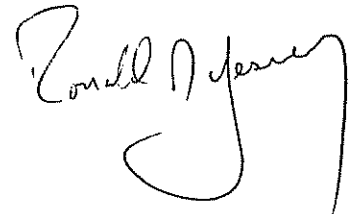
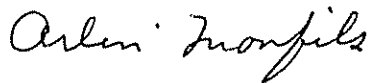
The surveys are color coded with two colors at the bottom of the page. The first color (blue or green) designates whether your household is closer to the WPS turbines or the MG&E turbines. The second color (blue, green, yellow, brown, or purple) designates the proximity of your household to the turbines.

The results of the completed surveys will be tabulated by UW-Extension. Having UW-Extension tabulate the surveys will assure that respondents will not be identified and that the results will be analyzed fairly.

It is very important that you complete and return the survey. Please complete the survey and return it in the enclosed postage paid, self-addressed envelope. The survey must be mailed no later than April 13, 2001.

Thanks you for your time and cooperation.

Sincerely,



Arlin Monfils, Chairman of Lincoln Township Board of Supervisors

Mick Sagrillo, Chairman of Lincoln Township Wind Turbine Moratorium Study
Committee

Ron Yesney, Kewaunee County UW-Extension Community Development
Educator



Lincoln Township

Lincoln Township Wind Turbine Survey

The following questions are about your impressions of the WPS and MG&E wind turbines:

1. Are any of the following wind turbine issues currently causing problems in your household?
 - a. Shadows from the blades Yes___ No___
 If yes, explain specifically _____

 - b. TV reception Yes___ No___
 If yes, explain specifically _____

 - c. Blinking lights from on top of the towers Yes___ No___
 If yes, explain specifically _____

 - d. Noise Yes___ No___
 If yes, explain specifically _____

 - e. Other problems
 Explain specifically _____

2. In the last year, have you been awakened by sound coming from the wind turbines?
 Yes___ No___
 If yes, how many times? 1-5___ 6-10___ 11-15___ 16 or more___

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?
 Positively___ Negatively___ Haven't affected me at all___
 If positively or negatively, please explain _____

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?
Positively_____ Negatively_____ Haven't affected me at all _____
If positively or negatively, please explain _____

5. How close to the wind turbines would you consider buying or building a home?
800 feet-1/4 miles _____
1/4-1/2 miles _____
1/2-1miles _____
1-2 miles _____
2 or more miles _____

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.
a. If you owned enough property and had the opportunity to host a wind turbine, would you?
Yes___ No___ Why or why not? _____

b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?
Yes___ No___ Why or Why not? _____

7. In the year 2000', wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?
Important _____
Not Important _____
Neutral or no opinion _____

8. In the year 2000', wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?
Important _____
Not Important _____
Neutral or no opinion _____

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?
Yes___ No___ No opinion _____
If yes or no, explain specifically _____



AGRICULTURAL RESOURCE CENTER

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UNIVERSITY OF WISCONSIN EXTENSION • COOPERATIVE EXTENSION

LINCOLN TOWNSHIP WIND TURBINE SURVEY

This survey summary completed Thursday, May 16, 2001,
by David E. Kabes and Crystal Smith.

All the percentages are based on 233 completed surveys.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

10% yes 89% no 1% no response

b. TV reception

22% yes 74% no 4% no response

c. Blinking lights from on top of the towers

8% yes 91% no 1% no response

d. Noise

14% yes 85% no 1% no response

e. Other problems: See attached comments

2. In the last year, have you been awakened by sound coming from the wind turbines?

6% yes 92% no 2% no response

2a. If yes, how many times?

<1% 1 to 5 times

2% 6 to 10 times

<1% 11 to 15 times

3% 16 or more times

94% no response

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

5% Positively 11% Negatively 80% Haven't affected me at all 4% no response

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

5% Positively 7% Negatively 84% Haven't affected me at all 4% no response

5. How close to the wind turbines would you consider buying or building a home?

17% 800 feet to 1/4 miles

13% 1/4 to 1/2 miles

7% 1/2 to 1 miles

12% 1-2 miles

42% 2 or more miles

9% no response

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

49% yes 44% no 7% no response

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

48% yes 44% no 8% no response

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

62% important 16% not important 17% neutral or no opinion 5% no response

8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

69% important 14% not important 13% neutral or no opinion 4% no response

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

57% yes 24% no 18% no opinion 1% no response

THAT ENDS THE SURVEY SUMMARY. SEE COMMENTS ON THE FOLLOWING PAGES.

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

Question # 1a

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

Question # 1b

Poor reception 11 and 14
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.
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.
Lately we have been having TV reception problems.
Our reception is bad since the turbines went up.
It is either high or low sound, also some stations are clear and some aren't.
Channels 38 and 26 are snowy and have static surges.
At times we get black and white TV. Two channels come in hazy!!

Only get 3 channels

Better

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.

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

Some days the picture is foggy and snowy.

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

Channels hazy or can see the flipping of the blades.

Poor reception for channels 11 and 14

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

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

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

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?

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

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.

Sometimes

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!

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.

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

Have interference on channel 2.

On channel five and a windy day

Who cares though!

Have shadows on 2 channels

Affect TV reception

Was fixed by public service for now!

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.

Reception not the best.

Could not get any reception however the company has installed an outside antenna for us, which has solved the problem.

Some stations don't come in well.

I don't know because I moved here after they were installed

We seem to have reception problems with some stations that other people living away from the turbines do not

Ever since they went up our reception is bad.

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.

When the turbines are running I have a very difficult time receiving all UHF to some VHF channels.

Channel 14 is bad, we don't want a tower. Once in a while we have interference with other channels.

Some days, depending on the direction they're turned

Sometimes but not often.

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.

One station has been affected.

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

Blinking red lights disrupt the night sky. They make it seem like we're living in a city or near a factory.

With winds primarily from the west, northwest, and southwest we have red flashing lights in our home

Shine in bedroom windows

At night it is very irritating because they flash in the windows.

I have a large bay window with a reliance and it is distracting.

It interrupts a beautiful starry night.

Not causing problems, just annoying. They surround us.

Looks like a circus, live in the country for peace and quiet.

Get the blink of light in TV.

Disrupts my life

A horrible affect on the serenity of the night and blink into my home.

We have to keep drapes closed at night.

No but everywhere we look we see them. It looks like an airport.

We now live in a red light zone.

No problem.

An annoyance

When we're lying in bed we see them.

They have ruined the night sky.

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

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

Annoying and ruining the night landscape.

Question # 1d

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.

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.

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

Wind from south, constant droning sound

They are very loud when it is calm outside.

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.

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

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

Only when I'm outside and it's quiet. It's a big whoosh sound

Does not affect us.

We don't live close

Sounds like a gravel pit crushing rock nearby.

Sometimes depends which way the winds are blowing.

Sometimes

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

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.

A loud whooshing noise.

At times we can hear them.

A faint sound

Can here them at night!

Occasional noise

Very noisy, very annoying when conditions are right.

When high winds

Very annoying if we have the windows open at night.

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

Loud swooshing comes through walls and bothers sleep and serenity of country living.
North winds and cold wind you can hear noise.

Can hear on some days even 2+ miles away. I'd hate to live near them.

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.

People that say they don't make noise. They probably say that you can't see them either. "RIGHT"

When I'm down wind from the turbines I hear a swishing noise, when directions are right.

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.

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.

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.

You can hear them at times as far as two miles away.

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

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.

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

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

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

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

Question # 3

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?

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.

Constant reminder of ugly use of wasted taxpayer money on out dated technology. Less sleep brings stress on the job and family.

Who knows the long term affects.

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

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.

Pleasing to see, relaxing to watch

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

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.

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.

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

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

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

Non-use of fossil fuels

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.

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.

Haven't seen any good for us around here.

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!

All family members have more headaches and joint pain.

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

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. 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!

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!

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!!

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.

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.

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.

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.

While they were being installed the destroying of the roads, noise, and extra traffic have been negative.

More traffic on the roads

Hasn't affected me as of yet. Don't know what will happen in the future.

Distracting when driving and adds stress to living here.

They catch my eye and I look at them instead of the road. They are dangerous.

Increased auto traffic!

Reduced health risk

I think the people that say they are too noisy are just full of shit.

No trouble at all

We don't know what stray voltages can cause to people and to animals

I feel safer knowing this method does not pollute

More lightning strikes and affects from stray voltage.

I don't know but something isn't right here.

People looking and stopping on the road.

They are an eye distraction when driving.

Haven't affected me but has brought more strangers in to the area, more traffic on our road

Stray voltage is the number one concern. We need honest answers. During inclement weather, especially fog, the red lights cannot be seen by air traffic over the area.

Concerns are still there, nothing actual to warrant them.

At this time I'm far enough away.

Question # 5

2 or more miles at best

The WPS hired sound, noise consultant said that 1 ½ to 2 miles distance is required to mitigate the low frequency noise of the generators.

More miles is better.

I would not build by any of them!

No where near, further than 2 miles.

½ - 1 miles or more

Any of the last three choices

All with mental safety is a factor.

Far enough away that I wouldn't see them but I am stuck with them.

As far away as possible.

Ugly, would not buy in this area again.

Own

No where near

I personally think they are an eyesore and would not want them near my home.

No where near them what so ever.

Cars stop on road in front of me to look at the wind turbines, almost hit one vehicle.

No where in sight of them.

30 miles

Where I could no longer see them or the flashing lights

25+ miles. They can be seen from this distance.

Many

2 or more counties

2 or more miles- this is even too close.

No where near.

Will never build another house.

2 miles is too close yet.

At least 2 miles.

No where near them never ever!! Not for a million dollars.

I would build as close as is legally possible is as I chose to build in their area or to living.
As far as possible!
Would never consider it. Plan on moving if we can sell our house.

Question # 6a

A great way to produce electricity- very clean and neat.
Don't want them that close.
We would not want to inflict these problems on anyone.
The negatives outweigh any positive. I would not inflict these conditions on my neighbors.
We have enough in our general area.
Until the technology is enhanced to incorporate innovative solutions I would not submit to scarring my land or landscape to benefit a few at the cost of many.
Because of resale value of my property
Decrease value of property
I don't own enough land. If I did it would have to be on some remote property that wouldn't bother me or my nearby neighbors.
Other than seeing them, you don't even know they are there.
Neighbors of these towers have had problems with TV reception as well as other problems such as ours. I would not want that for myself or my neighbors.
I think we are lucky to have the turbines especially knowing how they positively affect us, and knowing they haven't caused any harm to anyone or anything.
It would lower taxes and help our income.
Due to certain circumstances I might not be able to.
I know what we had to put up with. It is not being very neighborly!!
They should be set where there are no homes, open land.
Don't want them close to my home. Heard too many complaints about the noise.
To help make clean electricity
Because of the health problems from stray voltage.
Energy conservation- renewable energy
Financial gain from leasing land.
Rental payment- diversifying
Dollar amount way to small for a million dollars structures, it should be 4 times higher.
It is power that we never had.
It helps create power without hurting the environment.
Turbines are good for the environment.
Nice to look at
If not by my house and neighbors were not against it.
As long as they don't cause a problem and the financial benefits were there.
Have heard they are noisy at times.
More energy for the future at a more natural, safer approach.
Extra cash
Money
Because we need to find alternate resources
Don't know
Yes because we need to be looking for alternative sources of power that don't pollute.

Yes if it was away from neighbors buildings
Heard about the noise and shadows.
Don't know, not enough information has been given out on how much they're helping
We would not want other neighbors to get mad at us because they don't want more turbines.
Don't want them that close.
Would be too close to living quarters
No way, it is unsightly and electric prices do not decrease anyway.
They are useful and if done in the manner done in the Gregorville location, they are not an eyesore. They provide use with renewable energy.
It takes away good farmland.
Complaints about stray voltage affecting dairy cattle.
Good for Lincoln and tax
I don't feel they are efficient. Much of the time 1 or more are idle. If they wouldn't have been mandated the utilities wouldn't have pursued them.
To help with energy conservation.
Ugly, annoying
If property was large enough and compensation was enough.
This is another alternative for electricity.
Renewal energy and additional income
Who benefits?
Yes, if it were far enough away from residence not to affect TV reception.
I moved here to be in the country- windmills are not country.
Have no reason to host
Alternative power sources are a must for the future! I would be happy to help.
For money I would.
I would not want shadows over my home.
They are ugly and I would not like to have them casting shadows on homes. What about property values?
Because they are an eyesore and they do not benefit my family at all.
The wind turbines bring money to the landowner.
Don't really know, property owners receive a lot of money for putting them on their land but don't know if that reason would override the problems neighbors seem to have with them.
Both for the income and because it is environmentally responsible.
Maybe- undecided
Prefer homes and agriculture, not unsightly turbines on the landscape.
What's in it for us? Later we may find they cause problems to our health.
Yes, because there is nothing bad about them.
It is a renewable source.
Undecided
With problems that may arise from wind turbines for people.
There is enough around me.
For the rental money
Help out with electricity
Because the energy is not available locally.

No because of the problems we have with them.

Reasons explained earlier. No amount of money would be worth screwing up the appearance of our township!

If we owned enough property

If they did bother me, it would be too late to do anything.

Would not like them too close.

Environmentally safer than any nuclear plant.

I do not own property.

They are not creating electricity now to their full potential, they are an eyesore, are noisy, causes TV interference, a division of neighbors, etc. etc.

I have other plans for it.

I wouldn't subject my neighbors to the negatives of the turbines.

We need to tap into all renewable resources. Less dependency on fossil fuels

Disrupt the neighborhood

We need other power sources.

To help keep taxes down and try to prevent power shortages.

To heavily populated.

They do not belong in areas where there are homes.

I put my neighbors before the value of money unlike some of my neighbors!!

They use up too much good cropland.

It interferes with the TV.

Clean energy

The Lincoln Township has done their part in promoting an alternate energy source. We don't want additional wind turbines in the Township of Lincoln.

The question of whether or not we need cleaner, safer sources of electricity shouldn't ever be an issue in this day and age. I would urge anyone who opposes additional generators to consider the nightmare of disposing of the nuclear waste from the Kewaunee plant when no one will take it. Do you want nuclear waste stored in your backyard or a new wind generator? This issue will not just disappear if ignored.

Not enough property

Yes, because it is clean energy and I would get paid for it.

Would not have enough land.

If a person can save money through electric bills, go ahead.

Get them out.

Extra income

To help better the land and air.

Money for the town and me.

I think it lowers the property value and can be an eyesore.

Too many in our area already- we are a residential town.

I think it is a very good thing. Someday that might be our only source of power.

Good income and if I don't my neighbor probably will.

They are noisy and unsightly. They are too close to residences.

Only if my electric or tax rates would be reduced.

Don't want to put up with something that is only 26% efficient.

If it was undeveloped property.

They have not disrupted our lives and we believe in the need for alternative energy.

Don't own enough property

No because I know they are good but are an eyesore

The wind turbines have not impacted my health or safety yet, why give them the chance.

I'm thinking of the people, neighbors around me, and some of the problems they are having

Takes too much of the land that I could be working.

I believe in the technology

I've never seen one melt down or give off gases.

Yes because it is better and safer than nuclear power.

Build in non-residential areas.

No because of the earth currents it created and the harm it creates to my family and animals.

Noise, glare, traffic of gawkers

I would not do that to my neighbors.

If they didn't affect no one or nothing

I don't care to live by any.

Money

Leasing

They are a clean, energy efficient, unsightly, odorless, way to provide more much needed electrical power to our country.

Do not use carbon fuels to produce electricity.

I feel that they are environmentally safe and friendly.

There are and continue to be numerous problems and do not welcome any more at all.

I have to consider my neighbors. They have a right to the same environment as when they first resided.

It's kind of an eyesore.

Despite the added income, they look nice in the distance but not next door or close. I open my windows in the summer.

Because we need power.

They are too distracting. No eye appeal. Decrease property value. It would upset my neighbors and friends. It would change our beautiful peaceful countryside.

If their homes close by, it does effect them and I know what it is like and wouldn't do it to others.

Question # 6b

I think we need more of them.

Further installation would only create greater problems.

The negatives outweigh any positive. I would not inflict these conditions on my neighbors.

We have enough in our general area.

I would not inflict this on my neighbor, nor would I wish them to inflict this on me.

I don't want to live close to a wind turbine. I like to look out my window and see trees.

Decrease property value

I don't want them any closer to my house than they already are.

Other than seeing them, you don't even know they are there.

If they want to put a wind turbine on their land that is their choice.
If a reasonable distance from our home.
Provided $\frac{1}{4}$ to $\frac{1}{2}$ mile distance
It is a no brainer! (Decreased land value, inefficient, noisy, bad TV reception)
Stray voltage
Don't want to get in the middle of neighbors fighting.
My neighbor can do what they want with their land.
Because of the health problems from stray voltage.
Energy conservation- renewable energy.
Because of problems with current turbines, could not be sure there would be no
problems here. (Noise, strobing, TV reception)
Too close
Brings down value of my property!
It is power we never had
It would be their good fortune to have it. However, there is a nuisance factor for close
neighbors, which should be compensated!
As long as they don't cause a problem and the financial benefits were there. A neighbor
should be compensated also
Certain days depending on wind direction Morse codes lines across TV screen. Not
compatible with surrounding area, eyesore, takes away the beauty of surrounding
views All future towers should be banded permanently.
Our area is mostly CRP land around and would not affect other buildings or open
enough for good wind protection.
If the money would disturb amongst those people involved.
I do not believe I would help pay for them, but I would not try and stop the building of
more.
That's all I see now and I sure don't need any closer ones.
Don't know
Not if its not at least 2 miles from buildings.
Heard about the noise and shadows.
Anyone living near them should receive a financial benefit
We have enough right now.
Too close to living quarters
No way, it is unsightly and electric prices do not decrease anyway.
They are useful and if done in the manner done in the Gregorville location they are not
an eyesore. They provide use with renewable energy.
I think it would affect property value.
Complaints about stray voltage affecting dairy cattle.
Good for Lincoln and tax
I don't want them any nearer to us.
To help with energy conservation.
Ugly, annoying
Too close, they are within 200 feet.
Because we are going to need more electricity as our population increases.
Don't want the eyesore of the towers itself, the noise, and all the other problems
evolving from those windmills.

Yes if it would have an effect on our electric bill.

Yes, if it were far enough away from residence not to affect TV reception

I moved here to be in the country- windmills are not country

Again, this kind of project is essential to our future energy needs.

I would not want shadows over my home.

They are ugly and I would not like to have them casting shadows on homes. What about property values?

We hear nothing good from people who live near them.

The wind turbines do not affect me.

Talked to neighbors of existing turbines that were dissatisfied with problems, which were created from them.

It is environmentally responsible I use electricity so should take some responsibility for its generation

If 1 or 2 miles away.

Again, I live here for the peace and landscape of the area, not for turbine farms, it goes against my wishes.

Yes, because they don't bother me at all.

It is a renewable source.

Depends on how close to me they would be.

Some people don't care about anyone else. All they want is the money for having them on their property.

There is enough around me.

Their property rights to do so.

Help out with electricity

No because of all the problems that are caused because of them!

If it were not too close to our property

I wouldn't like it, but I wouldn't fight him over it either.

Yes because they are only ½ mile away now.

For all the about reasons plus many more such as the loss of resale value on the home property!

I would rather have country property utilized by wind turbines, which can be beneficial, more so than it would making it a subdivision.

I don't believe people should be subjected to the negative impacts.

We need to tap into all renewable resources. Less dependency on fossil fuels.

They should take them all down immediately.

I haven't had any problem with the way they look or sound.

Keep taxes lower and have enough power for out lights.

If its 2 miles away.

The people who put these on their property have no feelings for the rights of the Town. They should not be allowed. The people with them should be taxed or fined for negatively affecting our once fine area.

I put my neighbors before the value of money unlike some of my neighbors!!

With proper distance it presents no problems.

Absolutely not. We don't want any more turbines "dotting" the countryside.

If there are health risk, why chance it?

It is their choice.

If a person can save money through electric bills, go ahead.
I feel at least ¼ mile should be between turbine and residence.
He needs money also.
Yes because it's not my land to say yes or no.
I think it lowers the property value and can be an eyesore.
There are enough- everywhere we look we see them.
Don't want to be that close to them.
In a free country no one should be able to dictate what you do on your own property.
They are noisy and unsightly They are too close to residences.
Only if my electric or tax rates would be reduced.
Don't want to put up with something that is only 26% efficient.
Only if the neighbors didn't mind.
Does not matter to me.
They have not disrupted our lives and we believe in the need for alternative energy.
It's a natural why to create energy.
It depends.
Esthetics are affected, property values fall.
Some neighbors are only interested in the money they receive for having them on their property. They don't consider the safety of other people.
It would be too close.
Important for the environment.
I'm supportive of the technology regardless of where it is located.
I've never seen one melt down or give off gases.
Yes because it is better and safer than nuclear power.
No because of noise, strobing blades, and stray voltage.
No because it affects everybody in wide area.
Don't know if I would
Noise, glare, traffic of gawkers
No because we live near 8 of them and we live with them everyday.
Too much noise.
They shouldn't be anywhere near someone's home.
Bring land value down and they are ugly.
Ugly
No because I want it on my property.
They blend in well with the countryside. In any of the wind turbine areas, if you are not looking for them. You don't even notice them.
Extra tax for town could possibly keep tax base lower for everyone.
Never! The present situation is such. We regret that our neighbors have chosen to put turbines near our home.
I would do everything in my power to stop the installation. The cost per kilowatt is higher than any other source of electrical power.
No opinion
Only if it's far enough I'm guaranteed not to hear it, of course I'm not sure he would care or not.
They are too distracting. No eye appeal. Decrease property value. It would upset my neighbors and friends. It would change our beautiful peaceful country side.

The noise, strobe light affect, TV reception, the sight of them.

Question # 7

Compensation belongs to those properties adversely affected by the turbines.

Which we have not seen reflected yet!

The tax levy was lower?

BS

Lowered my land value and wrecked roads

Did notice a difference, they just go up somewhere else.

Important but did not notice any change.

This number is highly inaccurate, closer to 3930 homes.

The WPS rates have gone way up so I wonder.

Did not lower our taxes

Lowered property value

Our taxes didn't go down they went up.

We didn't see it.

Feel they should get more for the taxes than we receive

If everyone gets along

Why did our taxes go up?

The revenue was minimal, as you know!

I have not seen any applied to the individual homeowner's tax base.

Not noted on tax bill.

They screwed up our Town, my property, and my health.

We haven't seen our taxes go down.

It did not!

It is important if this really happens. My taxes went up again this year.

Important but it hasn't done any yet for us

The revenue isn't worth what we have to live with.

Money means nothing if you're unhappy. If you can't live in your own home, what do I care about lower taxes. It's nuts.

They should not be allowed only as a use for additional revenue only, but the county should suggest them entirely in general.

I don't believe I noticed this!

The amount was so very small it didn't matter. No amount of money would be acceptable.

If I could tell you if I save the percentage of the money the turbine made. How much went to our town?

Question # 8

Turbines are a good technology and it's significant they've provided power for so many homes. But location is a huge issue that wasn't duly considered. They should be located either in isolated areas or areas where a lot of noise and lights already exists. It should be 3 times that number!

If it provided power to Lincoln Township area.

BS

That is really a very small number of homes for the number of turbines it took to produce that power. Do the math.

We all had to pay for the increased cost of this energy because they had no buyers for this so called special energy.

Very important

I don't know and I don't care as long as I have electricity to power my home 24-7/

I find it hard to believe because they are not turning a lot of the time Yesterday again they never moved until evening.

Would be important if it powered our home.

Which homes

At what cost?

Wants to know exact output of the turbines.

Not ours

Has it produced a discount on our light bill? Does it provide power for our homes?

What are we benefiting?

If everyone agrees.

Does it effect the electricity used in Lincoln Town homes and farms?

It is important, but there are many other non-residential areas in the state that turbines could be erected (as your studies have proven).

We do not get any affect from this. You sell the electricity elsewhere.

Not important because the power is being sent out of the area. We don't benefit

Important but they should be powering our own local homes.

One plant would affect less people and generate more power.

It is great they provided it but they should be built in a more remote area where they don't affect neighbors.

My light bill went up not down!

Important but let them put them in other townships

I don't believe it.

This is expensive electricity that makes no economic sense. If we have to have these, the capacity should be set at the electricity demand of the Town of Lincoln.

I think 5,720 homes is an exaggeration.

To live the way I did since these turbines went up, I'd rather sit in the dark with no heat.

For the amount of money and the problems the turbines have brought to our neighborhood it is not important.

Did anyone of those 5720 homes though acknowledge us for giving up our clean country look for their power?

Why doesn't the home close to the windmills get free electric or at a much lower rate than others who don't have the windmills in their backyards??

Question # 9

I feel Lincoln town is a leader in wind énergy.

We were misled concerning the effects the turbines would have on our everyday lives.

It seems they were installed to meet mandates and for some people to generate more income at the cost of disrupting other people's environments.

Lincoln Township and its attorney were unprepared and ill equipped to deal with the economic, political and corporate pressure placed on them.

Because it powered so many homes and I'd rather see turbines than nuclear reactors
More research needs to be done to improve efficiency and protect homeowners and neighbors forced to live in such an environment.

Offers an alternative to conventional electric sources

We have "some"; other communities should have "some". We shouldn't have to host then "All" though.

In the Madison Electric project, only one of the landowners involved actually lived within 2 miles of the project and therefore were not affected by the turbines. I wouldn't mind the turbines if they weren't in my neighborhood.

We should all feel privileged to have the wind towers in our town. They are doing a lot of good by producing electricity and there is no pollution and they are not causing any harm to anyone.

They are needed for more electricity and they use natural energy.

Alternative methods of generating electricity should be explored.

I think we are a bunch of fools. Read the latest opinions on California's wind turbines. They still have blackouts. (Let's not be taken again by big companies and their corporate breaks.) They are hitting on small towns who are uneducated on these bug matters. It is amazing how people sell out of the quality of rural life for the almighty dollar. Shame on the ones who said yes. What is next!

They should be placed away from homes and people.

Yes it is a good example but now let some other township set an example.

The township is taking a step to help the earth

The companies are not informing us of all the possible problems that might occur when the wind turbines produce more electricity than expected. Can the power lines handle that much electricity?

Renewable energy sources.

It shows that we are part of the movement to lessen our dependence on fossil fuels.

It showed that big business and the state government could push a township around!

I feel that more townships should consider putting up wind turbines.

Saver on electricity

It helps create power without hurting the environment.

Sound investment in our future- renewable energy sources.

More electric power. Our town board is nuts.

Too much fighting

It makes Lincoln more identifiable.

We all have a responsibility to search for and invest in clean and renewable energy.

Towers should not be located near residents or homes. Seek greater distances.

It proves they can work and are in the long run safe, natural production of electricity.

We don't want to end up in the same situation as California!!

Hopefully other townships will follow our lead.

It has caused much disappointment and people to argue! The ones who made the big money putting them on their land are happy! But it would never be me.

It's a good way of creating electricity, but I do not like the towers that close to somebody's buildings.

If someone has enough land with no houses around- okay.

We need renewable types of energy like the wind.

Now people know where Lincoln is and if it is saving money for taxpayers, then that is good

Anything that will help with providing electricity. At least we don't live in California. Everyone is complaining about them, I think they are fine.

Bad trend

Somebody must have the balls to do something important about energy even though some people may gripe about it because of appearance, etc

Anything to save money

The "greed" factor- I fell the money that the town took in is a "bribe" to let the utilities establish the wind turbines and now they want to expand on that and take further advantage of Lincoln. If wind generation produces electricity so well, why aren't generators put up in industrial parks and near businesses and factories that use huge quantities of electricity. If they were cost effective and efficient the businesses would own their own wind generators.

All communities should do whatever possible to help energy conservation. I believe it is a political move. How much did the turbines' installation, upkeep, and cost to landowner cost? As opposed to homes powered? Which was more? No one has ever answered.

It's safe for the environment and if in good location (far enough away) shouldn't cause too much of a problem.

Producing electricity by wind energy is safe and clean for our environment. If our residents are compensated to include the landowners for the lease of their land, I am very much in favor of wind turbines.

Better than burning coal or building nuclear power plants even though wind energy is only supplemental.

Helping energy

Let other counties or communities be the guinea pigs with the long-term effects or disadvantages of having the windmills. All the landowners who put the windmills up have them on property away from their own homes but on fence lines and land near all other homeowners.

I moved here, to see cows not turbines.

Of course! I also believe all major farms should supply power through use of wind turbines! I also believe that those who have been "good citizens" by hosting wind turbines, in order to do a public service, are entitled to tax breaks or exemptions. So more! Do it now! And thank you!!

Future energy resources save on taxes.

You need to let neighboring areas know what good the wind turbines are doing for Lincoln.

However, I think we've done our share, let another township take their turn!!! NO NEW "WIND TURBINES"

A positive thing the township could do to gain additional revenue could be to pass more building permits so people could build new homes on their land and the township could benefit from land taxes.

We need to find alternative electricity, but we would not want a windmill anywhere near our home. We cannot even see Lincoln's or Red Rivers from our house.

Saving energy

We are all responsible for the use of electricity, so we need to be more responsible in the generation of it. We can't use electricity and then assume that the generation will be in somebody else's backyard.

Even if they add inconveniences, we (USA) need to generate alternative energy.

To me this is a form of progress considering the energy situation.

If someone wants to build turbine farms, find a spot not populated, or buy out at a premium, people that are near. A few people gained from the turbines but a lot more have lost, and I have not heard any good words about them.

Why not produce free power if there is the opportunity?

We need to look for more natural resources for renewable energy.

They are good because it's a natural source of energy. Winds are free and clean.

You have to get along with people. You should have to deal with your own noise and shadows. Do not let anyone else deal with it.

They should build them away from people and not group them together.

If they wouldn't get built here, they would go elsewhere.

Maybe others will follow and help out.

We need alternative energy but we don't need all available space in Lincoln town with turbines.

No because they didn't think of people and all the problems the turbines could cause for the health of people in the years to come years!

The turbines look very futuristic but I wouldn't like to see them all over the place.

Good source of electricity and safe to the environment.

Yes because they are safe.

We need to stay ahead of the demand for electricity.

More homes are being built in the Lincoln Township so more electricity will be needed.

The people in the area opposed to the wind turbines should not be burdened with them for the benefit of just a few who gain financially.

Better way of creating electricity.

It is not a life-threatening problem.

Lincoln Town is now a bad place to live!

We need to show other people that the turbines will work.

They are killing the future of our town. The people who approved them should be fined and taken out of office! I'm thinking about moving and selling out!

They got it rammed down their throats by big business and money!

Everyone is concerned with global warming and clean energy is a start and part solution.

Yes, but there needs to be limits! Restrictions on the number of turbines per township would only seem right considering the number of people opposing them. I feel some landowners' judgement may be clouded by the pursuit of the "almighty" dollar!!!

It saves energy.

Getting cheaper power.

Ecologically it is a better power generator.

It is a natural resource that is a clean form of energy.

The wind turbines do not bother me.

Common sense: provided 5720 homes with electricity.

Hell no!

Better than a coal plant or nuclear plant.

Yes because I think that more townships should get into this to try and clean up the world for their kids and grandkids

Yes but we have enough, other townships can now help out.

Don't want to be that close to them.

We need the electricity it provides.

We live on County S and we have lots of people stop in front of our house and take photos. That is very neat and it will help all the businesses all around us bring in money. I think the windmills are good.

They are causing more problems that they are worth. It is pitting neighbor against neighbor. The people getting paid or would be paid if they had them have no problem with the turbines. No one else wants them.

Yes but lets not get carried away with them.

Put them in Two Creeks, they can have all the problems.

Build more

Using a natural resource and no pollution.

Does not matter to me

The need for alternative energy will grow. I wish that there had been no problem over the existing turbines, but I feel that some of the people would have found something to complain about, no matter what

Lincoln residents are looked upon as gullible suckers.

They should build wind turbines farther from residential areas.

The Lincoln Township is showing they have concern about preserving our natural resources for future generations and what kind of environment the township is leaving behind for future generations.

This shows an interest in caring for future generations.

Although I'm sure there are some problems, I feel the good by not creating pollution or other negative byproducts outweigh the negative impact of the wind turbines.

Town of Lincoln didn't care about residents close to generators.

No because they did a poor job of checking out the health studies and stray voltage issues on the wind turbines. Wind turbines are just big power plants. Electricity. Town board.

We are being taken advantage of because we have neither the resources nor collective (political) will to fight these companies. Calumet County said "No" and they left.

They should not have them by homes and it's nice for the people who don't have to live with them everyday. they don't do the country side any good, they are not attractive.

They are not helping people who don't have them on their land.

They only listen to the people that think they are so great and wonderful and don't live near them.

I think this is a government program for the Green Lobbyists and think that for living so close to turbines, there should be a lower rate for electricity.

We are not "hosting" turbines. They are squatters in our environment. This is a stupid question.

These turbines cause no problems, health or otherwise, that can't be ironed out with a little co-operation. We need more energy and Lincoln was not afraid to take a step forward!

Have to find alternatives to coal or nuke

Yes but the continual negative aftermath is unnecessary and detrimental to the whole person and the township itself in general.

Someone has to take the lead, if proven successful more should be put up.

We need an alternative power source that is environmentally safe and friendly

No, it is an example of landowners taking money to put them on their land. The millions of tax incentives dollars the federal government paid to the utilities could have been better spent on replacing and updating utility line equipment. Research on fuel cell technology and photovoltaic panels and "energy conservation".

These turbines are an excellent idea although they should not have been built so close to people's homes. Not enough thought was put into that and now some suffer from the annoyances. No more please.

The price is high for what we're receiving in tax savings. They are decreasing the value of property in this township.

Maybe put them in the swamp where no one lives and wouldn't hear them. Thank you for the opportunity for input.

They don't bother us at all. I think they are a great source of power. The only thing that bothers me about the turbine is when they are not turning which isn't that often only about once a week that I see.

A good example to whom. They went onto it too fast. Town people should have been able to vote on it.

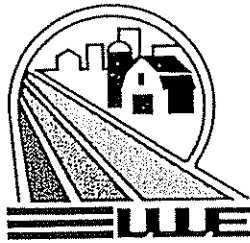
Additional Comments

When we were dating back in the 1970's we always said that someday we were going to build a home here. It was great and then you guys did this. Thank you. Now its move or get a divorce after 26 years. I don't think so. I guess the real test will come in a couple of years when our son is out of school. With all the money that the township is making, if we can't sell it they can buy it and enjoy the sight, sound, and shadows.

Believe me it sure made our lives here!! This should have never happened. If only you would have taken the time and study this more. Everyone was thinking about themselves and money. No one cared about anything else. Thanks Again.

They need to be kept away from homes. Perhaps we need other power supplies but not near people's homes.

It seems rather poor to send out a survey now when they are already up. We received nothing to state our opinions before the turbines went up! The survey mentions lower taxes in Lincoln township. Two years ago, homes were reassessed and everyone's taxes went up substantially. Now there is talk about assessing again. I will not pay more taxes to live near windmills! I and my family sure wouldn't want to see any more go up anywhere near this area. There is less and less country side left to enjoy with all the home building. We don't need to look at those unsightly things!



AGRICULTURAL RESOURCE CENTER

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UNIVERSITY OF WISCONSIN EXTENSION • COOPERATIVE EXTENSION

LINCOLN TOWNSHIP WIND TURBINE SURVEY

Summary for **MG&E** for persons living **800 feet to ¼ mile** from turbines.

This survey summary completed Tuesday June 12, 2001.

4 surveys were sent out and 3 were received for a return rate of 75 percent.

All percentages are based on 3 completed surveys.

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	2	67
no	1	33
not sure	0	0

b. TV reception

	<u>RN</u>	<u>%</u>
yes	1	33
no	2	67
not sure	0	0

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	1	33
no	2	67
not sure	0	0

d. Noise

	<u>RN</u>	<u>%</u>
yes	2	67
no	1	33
not sure	0	0

e. Other problems: See comments from the 233 completed surveys.

2. In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	1	33
no	2	67

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	0	0
6 to 10 times	0	0
11 to 15 times	0	0
16 or more times	1	33
no response	2	67

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	1	33
Negatively	0	0
Haven't affected me at all	2	67

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	0	0
Negatively	1	33
Haven't affected me at all	2	67

5. How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	1	33
1/4 to 1/2 miles	0	0
1/2 to 1 miles	0	0
1-2 miles	0	0
2 or more miles	0	0
no response	2	67

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	1	33
no	1	33
no response	1	34

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	1	33
no	2	67

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	1	67 ↗
not important	2	33 ↘
neutral or no opinion	0	0

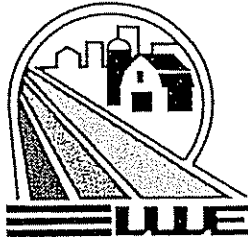
8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	1	33
not important	2	67
neutral or no opinion	0	0

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	1	33
no	2	67
no opinion	0	0

THAT ENDS THE SURVEY SUMMARY.



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UNIVERSITY OF WISCONSIN EXTENSION • COOPERATIVE EXTENSION

LINCOLN TOWNSHIP WIND TURBINE SURVEY

Summary for **MG&E** for persons living $\frac{1}{4}$ to $\frac{1}{2}$ mile from turbines.
This survey summary completed Tuesday June 12, 2001.

12 surveys were sent out and 8 were received for a return rate of 67 percent.
All percentages are based on 8 completed surveys.

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	2	25
no	6	75
not sure	0	0

b. TV reception

	<u>RN</u>	<u>%</u>
yes	2	25
no	6	75
not sure	0	0

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	0	0
no	7	88
not sure	0	0
no response	1	12

d. Noise

	<u>RN</u>	<u>%</u>
yes	5	63
no	3	37
not sure	0	0

e. Other problems: See comments from the 233 completed surveys.

2 In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	3	37
no	5	63

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	0	0
6 to 10 times	1	12
11 to 15 times	1	12
16 or more times	1	12
no response	5	64

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	1	12
Negatively	2	25
Haven't affected me at all	5	63

4 Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	1	12
Negatively	2	25
Haven't affected me at all	5	63

5 How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	2	25
1/4 to 1/2 miles	1	12
1/2 to 1 miles	0	0
1-2 miles	0	0
2 or more miles	4	50
no response	1	13

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	3	37
no	5	63

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	3	37
no	5	63

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	5	63
not important	2	25
neutral or no opinion	0	0
no response	1	12

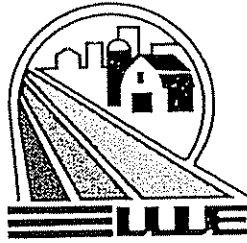
8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	5	63
not important	3	37
neutral or no opinion	0	0

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	3	37
no	4	50
no opinion	1	13

THAT ENDS THE SURVEY SUMMARY.



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LINCOLN TOWNSHIP WIND TURBINE SURVEY Summary for **MG&E** for persons living **1/2 to 1 mile** from turbines. This survey summary completed Tuesday June 12, 2001.

28 surveys were sent out and 17 were received for a return rate of 61 percent.
All percentages are based on 17 completed surveys.

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	4	24
no	13	76
not sure	0	0

b. TV reception

	<u>RN</u>	<u>%</u>
yes	4	24
no	13	76
not sure	0	0

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	0	0
no	17	100
not sure	0	0

d. Noise

	<u>RN</u>	<u>%</u>
yes	4	24
no	13	76
not sure	0	0

e. Other problems: See comments from the 233 completed surveys.

2. In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	1	6
no	16	94

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	0	0
6 to 10 times	0	0
11 to 15 times	0	0
16 or more times	0	0
no response	17	100

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	1	6
Negatively	1	6
Haven't affected me at all	15	88

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	1	6
Negatively	1	6
Haven't affected me at all	15	88

5. How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	4	24
1/4 to 1/2 miles	0	0
1/2 to 1 miles	4	24
1-2 miles	2	11
2 or more miles	4	24
no response	3	17

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	11	65
no	5	29
no response	1	6

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	13	76
no	4	24

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	15	88
not important	0	0
neutral or no opinion	2	12

8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	14	82
not important	1	6
neutral or no opinion	2	12

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	13	76
no	3	18
no opinion	1	6

THAT ENDS THE SURVEY SUMMARY.



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LINCOLN TOWNSHIP WIND TURBINE SURVEY

Summary for **MG&E** for persons living **1 to 2 miles** from turbines.
This survey summary completed Tuesday June 12, 2001

55 surveys were sent out and 44 were received for a return rate of 80 percent.
All percentages are based on 44 completed surveys.

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	2	5
no	41	93
not sure	0	0
no response	1	2

b. TV reception

	<u>RN</u>	<u>%</u>
yes	8	18
no	32	72
not sure	0	0
no response	4	10

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	4	10
no	39	88
not sure	0	0
no response	1	2

d. Noise

	<u>RN</u>	<u>%</u>
yes	2	5
no	41	93
not sure	0	0
no response	1	2

e. Other problems: See comments from the 233 completed surveys.

2. In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	0	0
no	43	98
no response	1	2

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	0	0
6 to 10 times	1	2
11 to 15 times	0	0
16 or more times	0	0
no response	43	98

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	3	7
Negatively	6	13
Haven't affected me at all	33	75
No response	2	5

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	3	6
Negatively	2	5
Haven't affected me at all	37	84
No response	2	5

5. How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	4	9
1/4 to 1/2 miles	6	14
1/2 to 1 miles	4	9
1-2 miles	7	16
2 or more miles	18	41
no response	5	11

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	17	39
no	22	50
no response	5	11

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	15	34
no	20	45
no response	9	21

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	23	52
not important	8	18
neutral or no opinion	10	23
no response	3	7

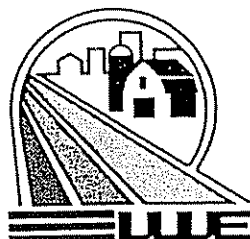
8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	27	61
not important	7	16
neutral or no opinion	8	18
no response	2	5

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	23	52
no	11	25
no opinion	9	20
no response	1	3

THAT ENDS THE SURVEY SUMMARY.



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LINCOLN TOWNSHIP WIND TURBINE SURVEY

Summary for **MG&E** for persons living **2+ miles** from turbines.
This survey summary completed Tuesday June 12, 2001.

36 surveys were sent out and 19 were received for a return rate of 53 percent.
All percentages are based on 19 completed surveys.

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	0	0
no	19	100
not sure	0	0

b. TV reception

	<u>RN</u>	<u>%</u>
yes	3	16
no	15	79
not sure	0	0
no response	1	5

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	4	21
no	15	79
not sure	0	0

d. Noise

	<u>RN</u>	<u>%</u>
yes	1	5
no	18	95
not sure	0	0

e. Other problems: See comments from the 233 completed surveys.

2. In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	0	0
no	19	100

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	0	0
6 to 10 times	0	0
11 to 15 times	0	0
16 or more times	0	0
no response	19	100

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	2	11
Negatively	0	0
Haven't affected me at all	17	89

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	1	5
Negatively	0	0
Haven't affected me at all	18	95

5. How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	2	11
1/4 to 1/2 miles	4	21
1/2 to 1 miles	1	5
1-2 miles	3	16
2 or more miles	8	42
no response	1	5

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	10	53
no	9	47

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	10	53
no	8	42
no response	1	5

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	9	47
not important	6	32
neutral or no opinion	4	21
no response	0	0

8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	12	63
not important	2	11
neutral or no opinion	4	21
no response	1	5

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	11	58
no	4	21
no opinion	4	21

THAT ENDS THE SURVEY SUMMARY.



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LINCOLN TOWNSHIP WIND TURBINE SURVEY

Summary for **WPS** for persons living **800 feet to ¼ mile** from turbines.
This survey summary completed Tuesday June 12, 2001.

~~65~~ surveys were sent out and 6 were received for a return rate of 120 percent.
All percentages are based on 6 completed surveys.

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	1	17
no	5	83
not sure	0	0

b. TV reception

	<u>RN</u>	<u>%</u>
yes	2	33
no	4	67
not sure	0	0

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	0	0
no	6	100
not sure	0	0

d. Noise

	<u>RN</u>	<u>%</u>
yes	2	33
no	4	67
not sure	0	0

e. Other problems: See comments from the 233 completed surveys.

2. In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	0	0
no	5	83
no response	1	17

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	0	0
6 to 10 times	1	17
11 to 15 times	0	0
16 or more times	0	0
no response	5	83

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	0	0
Negatively	1	17
Haven't affected me at all	3	50
No response	2	33

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	0	0
Negatively	1	17
Haven't affected me at all	5	83

5. How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	4	67
1/4 to 1/2 miles	0	0
1/2 to 1 miles	0	0
1-2 miles	0	0
2 or more miles	1	17
no response	1	16

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	0	0
no	4	33
no response	2	67

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	4	67
no	2	33

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	4	67
not important	0	0
neutral or no opinion	1	17
no response	1	16

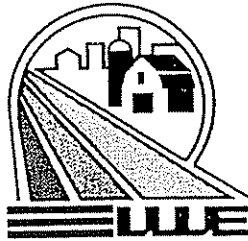
8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	5	83
not important	0	0
neutral or no opinion	0	0
no response	1	17

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	4	67
no	1	17
no opinion	0	0
no response	1	16

THAT ENDS THE SURVEY SUMMARY.



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LINCOLN TOWNSHIP WIND TURBINE SURVEY

Summary for **WPS** for persons living $\frac{1}{4}$ to $\frac{1}{2}$ mile from turbines.
This survey summary completed Tuesday June 12, 2001.

20 surveys were sent out and 19 were received for a return rate of 95 percent.
All percentages are based on 19 completed surveys.

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	9	47
no	10	53
not sure	0	0

b. TV reception

	<u>RN</u>	<u>%</u>
yes	8	42
no	11	58
not sure	0	0

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	4	21
no	15	79
not sure	0	0

d. Noise

	<u>RN</u>	<u>%</u>
yes	9	47
no	10	53
not sure	0	0

e. Other problems: See comments from the 233 completed surveys.

2. In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	6	32
no	12	63
no response	1	5

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	1	5
6 to 10 times	1	5
11 to 15 times	0	0
16 or more times	5	26
no response	12	64

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	2	11
Negatively	6	32
Haven't affected me at all	10	52
No response	1	5

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	2	10
Negatively	3	16
Haven't affected me at all	11	58
No response	3	16

5. How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	5	26
1/4 to 1/2 miles	3	16
1/2 to 1 miles	0	0
1-2 miles	1	5
2 or more miles	9	47
no response	1	6

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	6	32
no	13	68

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	6	32
no	13	68

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	8	42
not important	7	37
neutral or no opinion	4	21

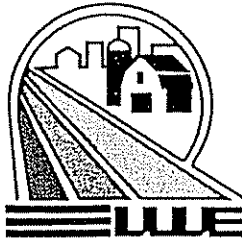
8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	10	53
not important	5	26
neutral or no opinion	3	16
no response	1	5

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	7	37
no	8	42
no opinion	4	21

THAT ENDS THE SURVEY SUMMARY.



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LINCOLN TOWNSHIP WIND TURBINE SURVEY

Summary for **WPS** for persons living **1/2 to 1 mile** from turbines.
This survey summary completed Tuesday June 12, 2001.

16 surveys were sent out and 11 were received for a return rate of 69 percent.
All percentages are based on 11 completed surveys

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	1	9
no	9	82
not sure	0	0
no response	1	9

b. TV reception

	<u>RN</u>	<u>%</u>
yes	6	55
no	5	45
not sure	0	0

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	3	27
no	7	64
not sure	0	0
no response	1	9

d. Noise

	<u>RN</u>	<u>%</u>
yes	5	45
no	5	45
not sure	0	0
no response	1	10

e. Other problems: See comments from the 233 completed surveys

2. In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	1	9
no	9	82
no response	1	9

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	0	0
6 to 10 times	0	0
11 to 15 times	0	0
16 or more times	1	9
no response	10	91

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	5	45
Negatively	5	45
Haven't affected me at all	0	0
No response	1	10

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	0	0
Negatively	3	27
Haven't affected me at all	6	55
No response	2	18

5. How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	3	27
1/4 to 1/2 miles	1	9
1/2 to 1 miles	0	0
1-2 miles	1	9
2 or more miles	5	45
no response	1	10

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	4	36
no	7	64
no response	0	0

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	4	36
no	7	64

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	5	45
not important	5	45
neutral or no opinion	0	0
no response	1	10

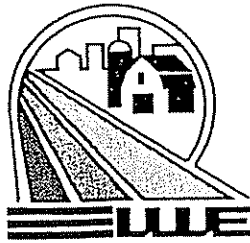
8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	5	45
not important	4	36
neutral or no opinion	0	0
no response	2	19

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	4	36
no	6	55
no opinion	1	9

THAT ENDS THE SURVEY SUMMARY.



AGRICULTURAL RESOURCE CENTER

University of Wisconsin-River Falls, 410 S. 3rd Street, River Falls, WI 54022-5001
(715) 425-0640 • FAX (715) 425-4479

UNIVERSITY OF WISCONSIN EXTENSION • COOPERATIVE EXTENSION

LINCOLN TOWNSHIP WIND TURBINE SURVEY Summary for **WPS** for persons living **1 to 2 miles** from turbines. This survey summary completed Tuesday June 12, 2001.

96 surveys were sent out and 71 were received for a return rate of 74 percent.
All percentages are based on **74** completed surveys.

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	1	2
no	69	97
not sure	0	0
no response	1	1

b. TV reception

	<u>RN</u>	<u>%</u>
yes	14	20
no	56	79
not sure	0	0
no response	1	1

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	3	4
no	68	96
not sure	0	0

d. Noise

	<u>RN</u>	<u>%</u>
yes	2	3
no	67	94
not sure	0	0
no response	2	3

e. Other problems: See comments from the 233 completed surveys.

2. In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	2	3
no	68	96
no response	1	1

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	1	1
6 to 10 times	1	1
11 to 15 times	0	0
16 or more times	0	0
no response	69	98

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	0	0
Negatively	4	6
Haven't affected me at all	64	90
No response	3	4

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	2	3
Negatively	3	4
Haven't affected me at all	64	90
No response	2	3

5. How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	10	14
1/4 to 1/2 miles	10	14
1/2 to 1 miles	5	7
1-2 miles	14	20
2 or more miles	29	41
no response	3	4

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	37	52
no	26	37
no response	8	11

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	37	52
no	29	41
no response	5	7

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	50	70
not important	4	6
neutral or no opinion	14	20
no response	3	4

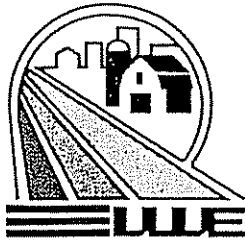
8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	53	75
not important	5	7
neutral or no opinion	11	16
no response	2	2

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	44	62
no	10	14
no opinion	16	23
no response	1	1

THAT ENDS THE SURVEY SUMMARY.



AGRICULTURAL RESOURCE CENTER

University of Wisconsin-River Falls, 410 S. 3rd Street, River Falls, WI 54022-5001
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UWEX UNIVERSITY OF WISCONSIN EXTENSION • COOPERATIVE EXTENSION

LINCOLN TOWNSHIP WIND TURBINE SURVEY Summary for **WPS** for persons living **2+ miles** from turbines. This survey summary completed Tuesday June 12, 2001.

41 surveys were sent out and 35 were received for a return rate of 85 percent.
All percentages are based on 35 completed surveys.

There are two sets of numbers, raw numbers and percentages, for the responses to the questions. RN stands for raw number.

The following questions are about your impressions of the WPS and MG&E wind turbines.

1. Are any of the following wind turbine issues currently causing problems in your household?

a. Shadows from the blades

	<u>RN</u>	<u>%</u>
yes	1	3
no	34	97
not sure	0	0

b. TV reception

	<u>RN</u>	<u>%</u>
yes	4	11
no	28	80
not sure	0	0
no response	3	9

c. Blinking lights from on top of the towers

	<u>RN</u>	<u>%</u>
yes	0	0
no	35	100
not sure	0	0

d. Noise

	<u>RN</u>	<u>%</u>
yes	0	0
no	35	100
not sure	0	0

e. Other problems: See comments from the 233 completed surveys.

2. In the last year, have you been awakened by sound coming from the wind turbines?

	<u>RN</u>	<u>%</u>
yes	0	0
no	35	100

2a. If yes, how many times?

	<u>RN</u>	<u>%</u>
1 to 5 times	0	0
6 to 10 times	0	0
11 to 15 times	0	0
16 or more times	0	0
no response	35	100

3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?

	<u>RN</u>	<u>%</u>
Positively	1	3
Negatively	1	3
Haven't affected me at all	33	94

4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?

	<u>RN</u>	<u>%</u>
Positively	1	3
Negatively	1	3
Haven't affected me at all	31	89
No response	2	5

5. How close to the wind turbines would you consider buying or building a home?

	<u>RN</u>	<u>%</u>
800 feet to 1/4 miles	4	11
1/4 to 1/2 miles	5	14
1/2 to 1 miles	3	9
1-2 miles	1	3
2 or more miles	19	54
no response	3	9

6. Please answer the following questions assuming that a utility wanted to build more wind turbines in Lincoln Township.

6a. If you owned enough property and had the opportunity to host a wind turbine, would you?

	<u>RN</u>	<u>%</u>
yes	22	63
no	12	34
no response	1	3

6b. Would you support the installation of a wind turbine or turbines on your neighbor or neighbors properties?

	<u>RN</u>	<u>%</u>
yes	18	51
no	13	37
no response	4	12

7. In the year 2000, wind turbines in Lincoln Township generated additional revenue which helped lower Lincoln Township's tax levy. How important is this fact to you?

	<u>RN</u>	<u>%</u>
important	25	71
not important	4	12
neutral or no opinion	4	11
no response	2	6

8. In the year 2000, wind turbines in Lincoln Township provided enough electricity to power approximately 5720 homes. How important is this fact to you?

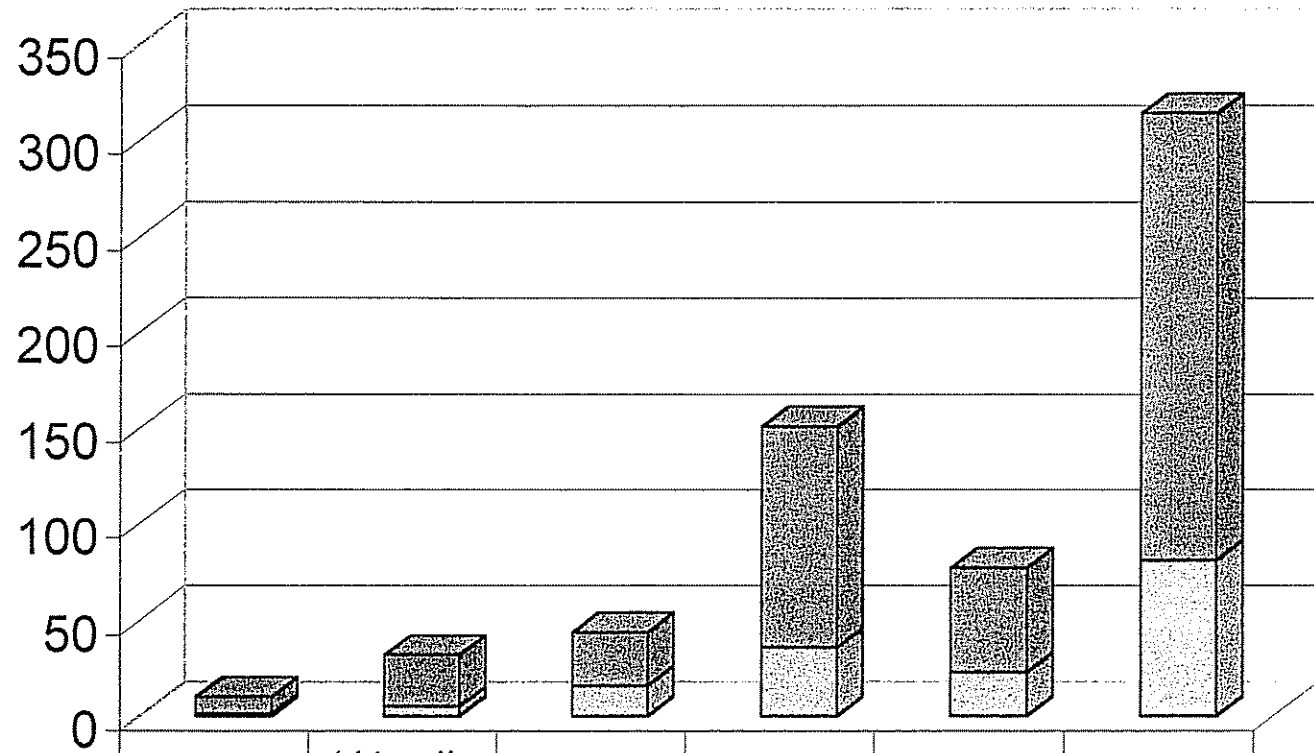
	<u>RN</u>	<u>%</u>
important	28	80
not important	3	9
neutral or no opinion	2	6
no response	2	6

9. Do you believe that Lincoln Township is "setting a good example" in hosting the wind turbines?

	<u>RN</u>	<u>%</u>
yes	22	63
no	6	17
no opinion	6	17
no response	1	3

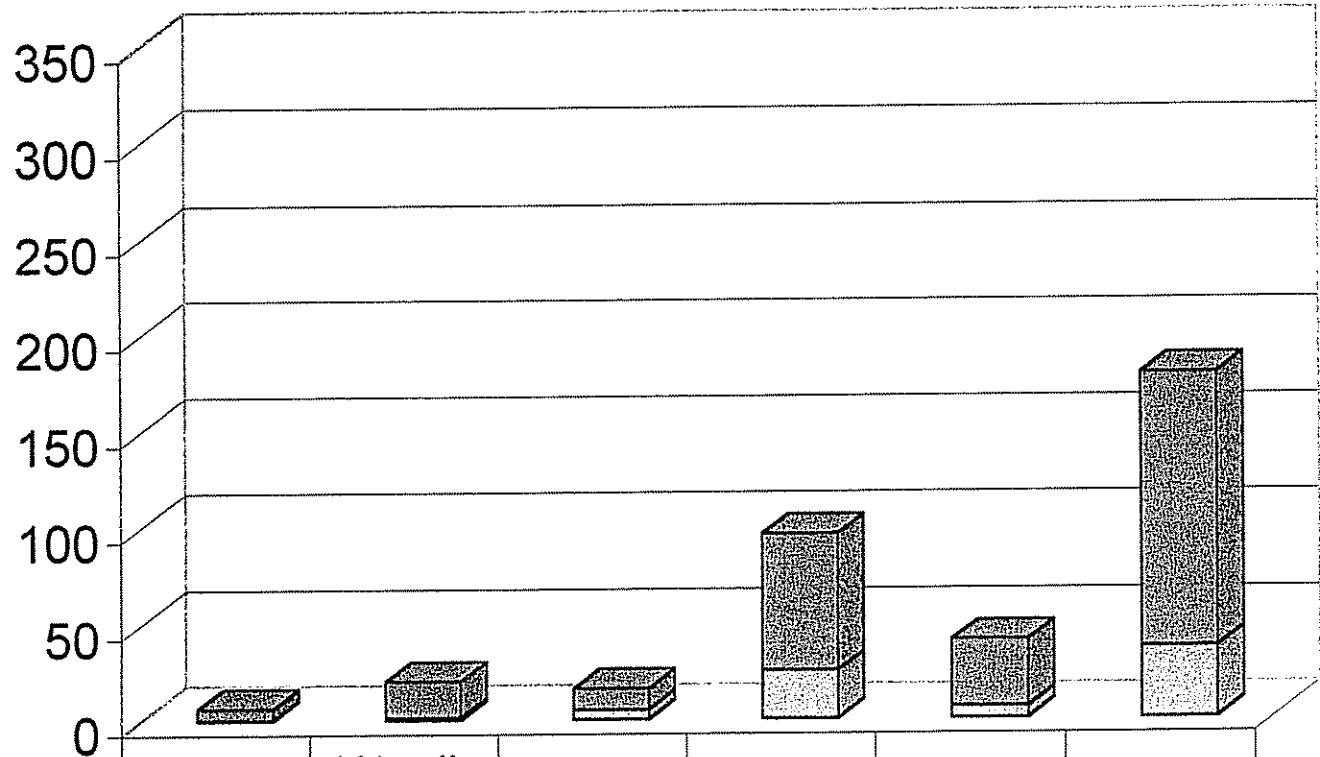
THAT ENDS THE SURVEY SUMMARY.

All Surveys



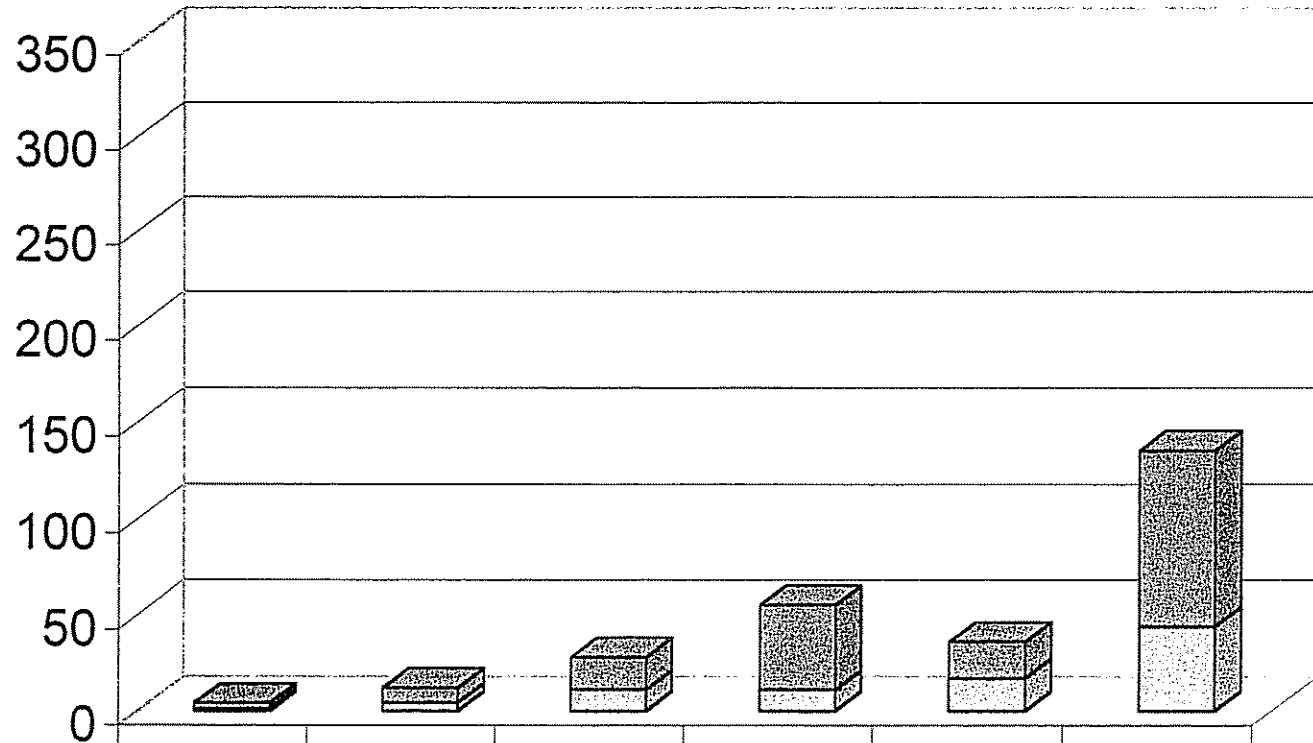
	800 ft. to 1/4 mile	1/4 mile to 1/2 mile	1/2 mile to 1 mile	1 mile to 2 miles	over 2 miles	Total
Responses	9	27	28	115	54	233
Non-responses	1	5	16	36	23	81

WPS



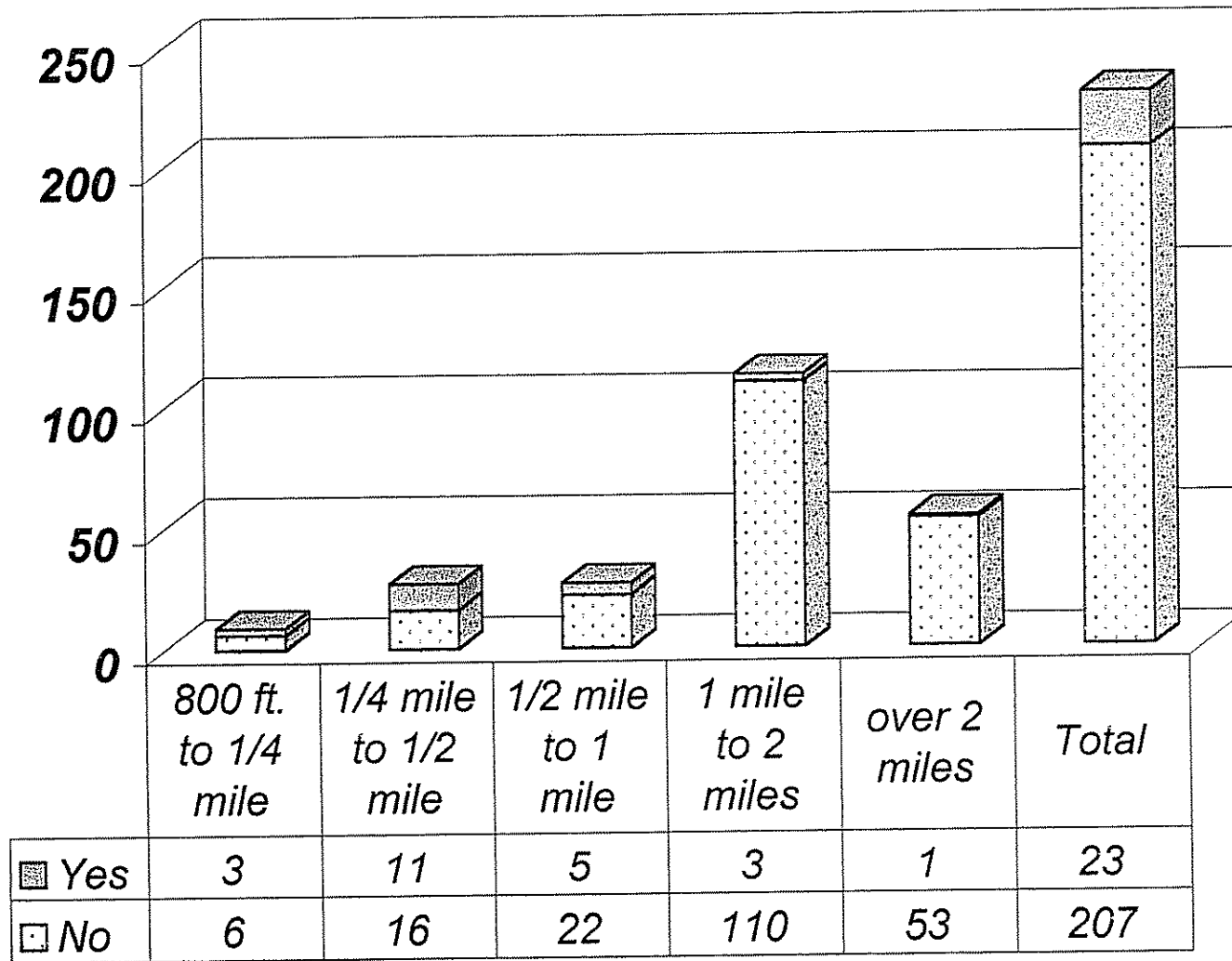
	800 ft. to 1/4 mile	1/4 mile to 1/2 mile	1/2 mile to 1 mile	1 mile to 2 miles	over 2 miles	Total
■ Responses	6	19	11	71	35	142
■ Non-responses	0	1	5	25	6	37

MG&E

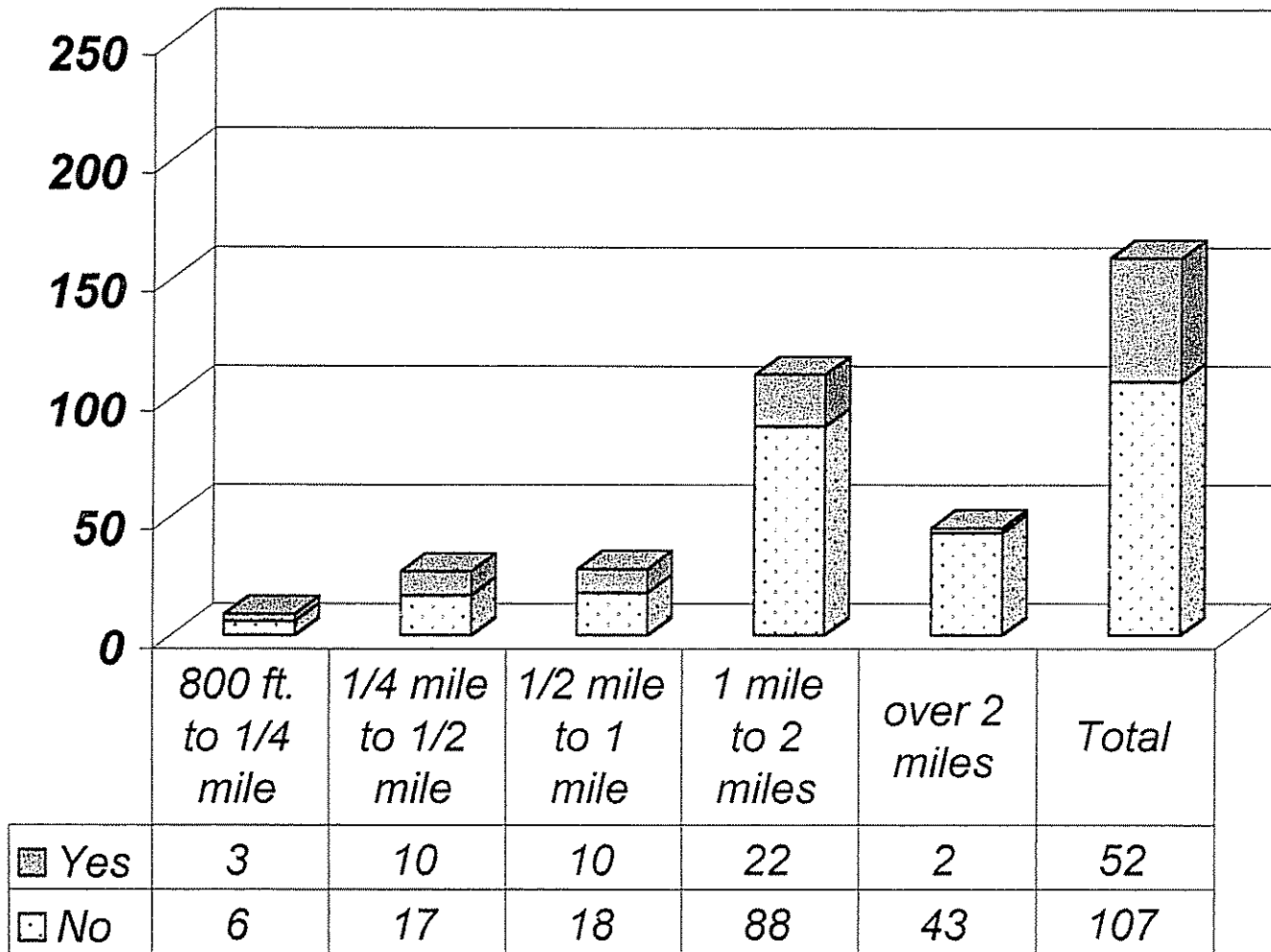


	800 ft. to 1/4 mile	1/4 mile to 1/2 mile	1/2 mile to 1 mile	1 mile to 2 miles	over 2 miles	Total
Responses	3	8	17	44	19	91
Non-responses	1	4	11	11	17	44

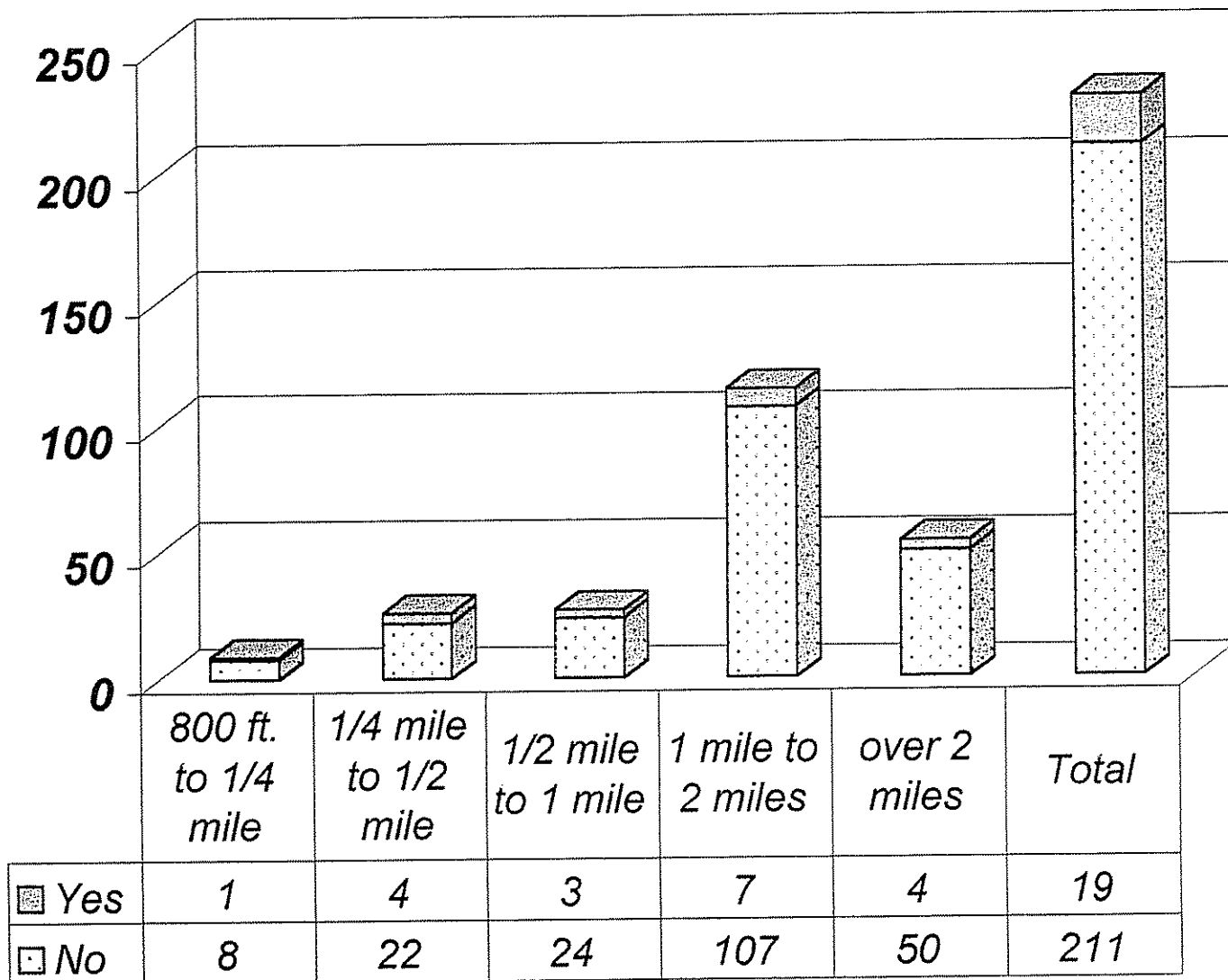
1a: Are the wind turbines causing a problem with shadows from the blades?



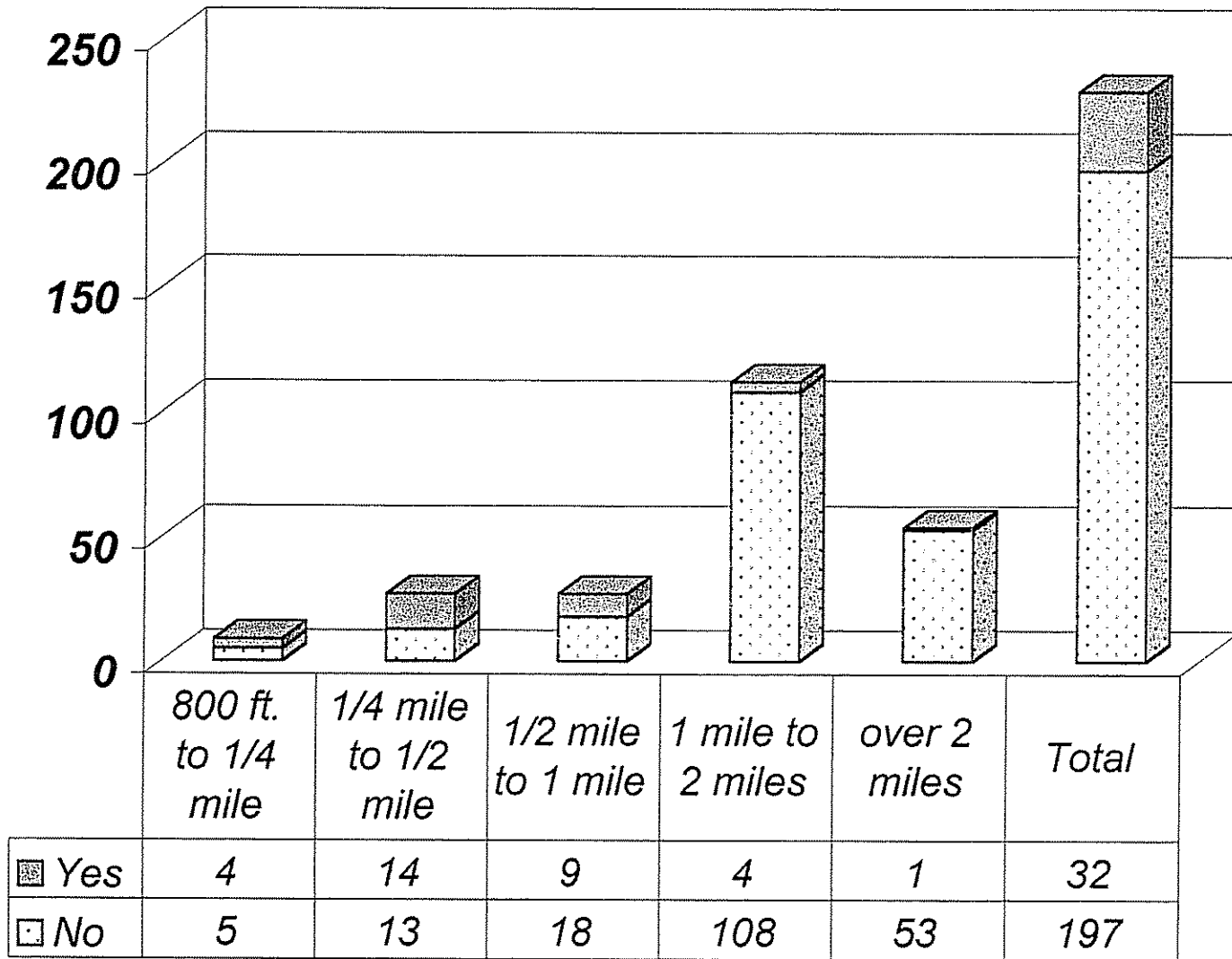
1b: Are the wind turbines causing a problem with TV reception?



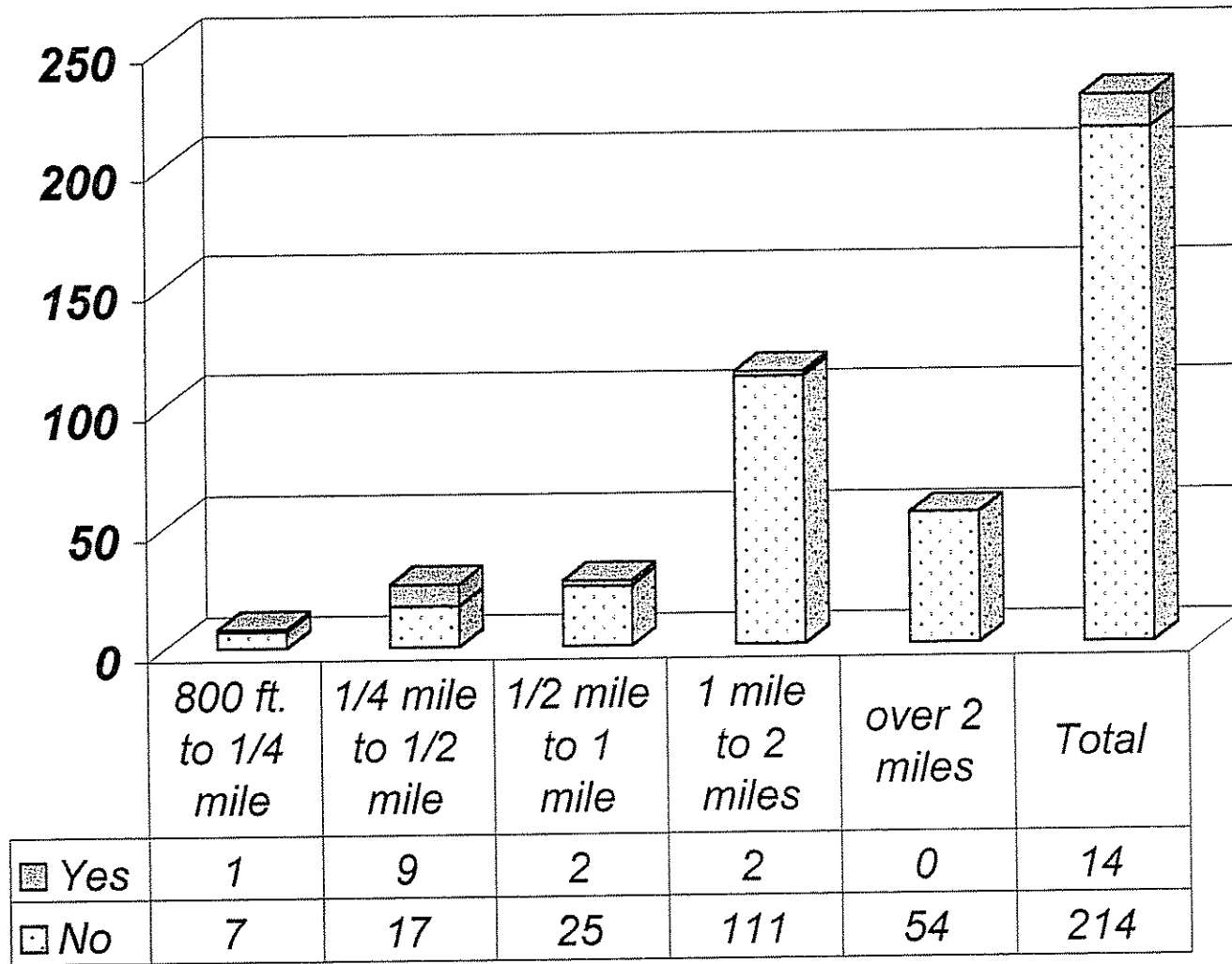
1c: Are the wind turbines causing a problem with blinking lights?



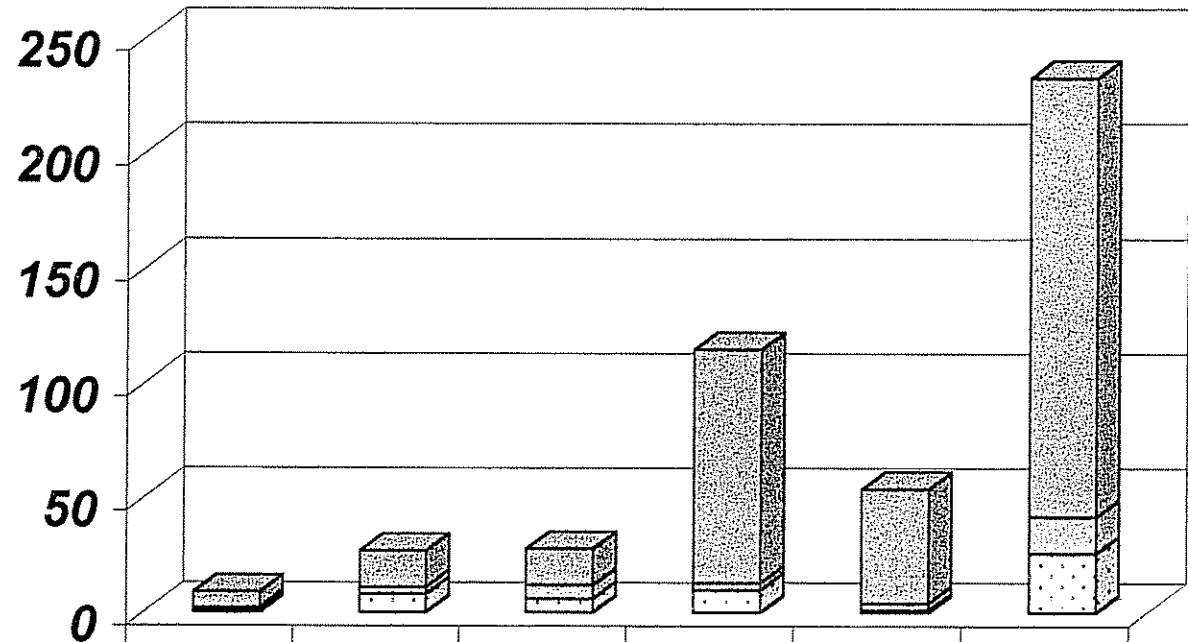
1d: Are the wind turbines causing a problem with noise?



2: In the past year, have you been awakened by noise from the wind turbines?

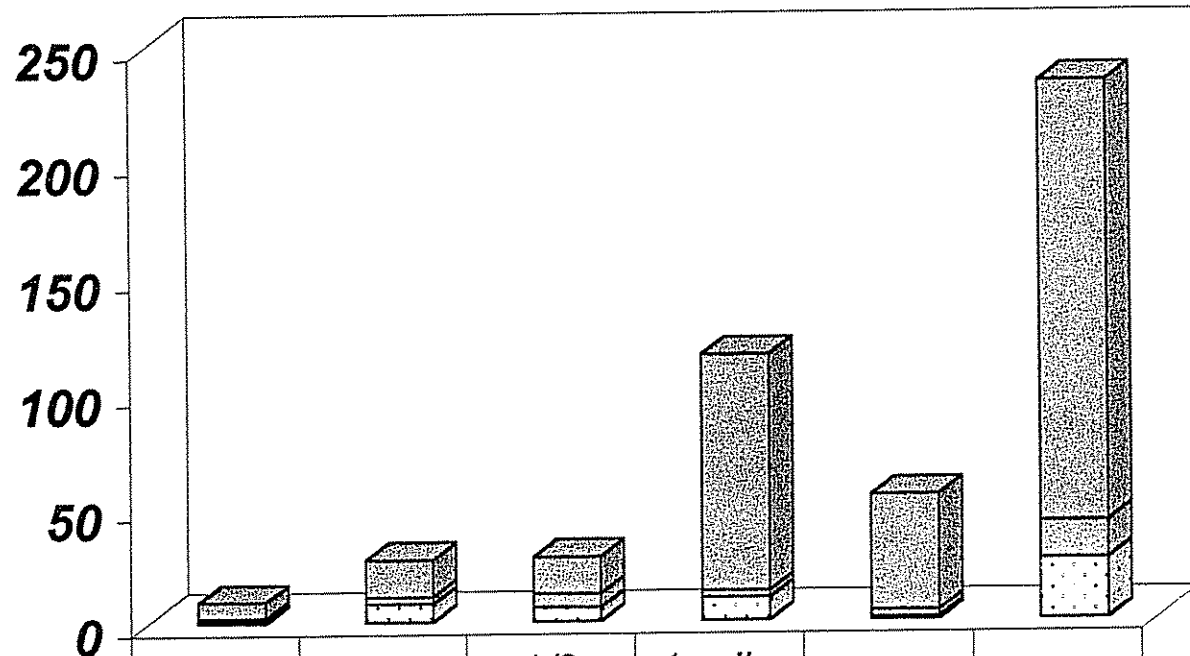


3: Have the wind turbines positively or negatively affected your health?



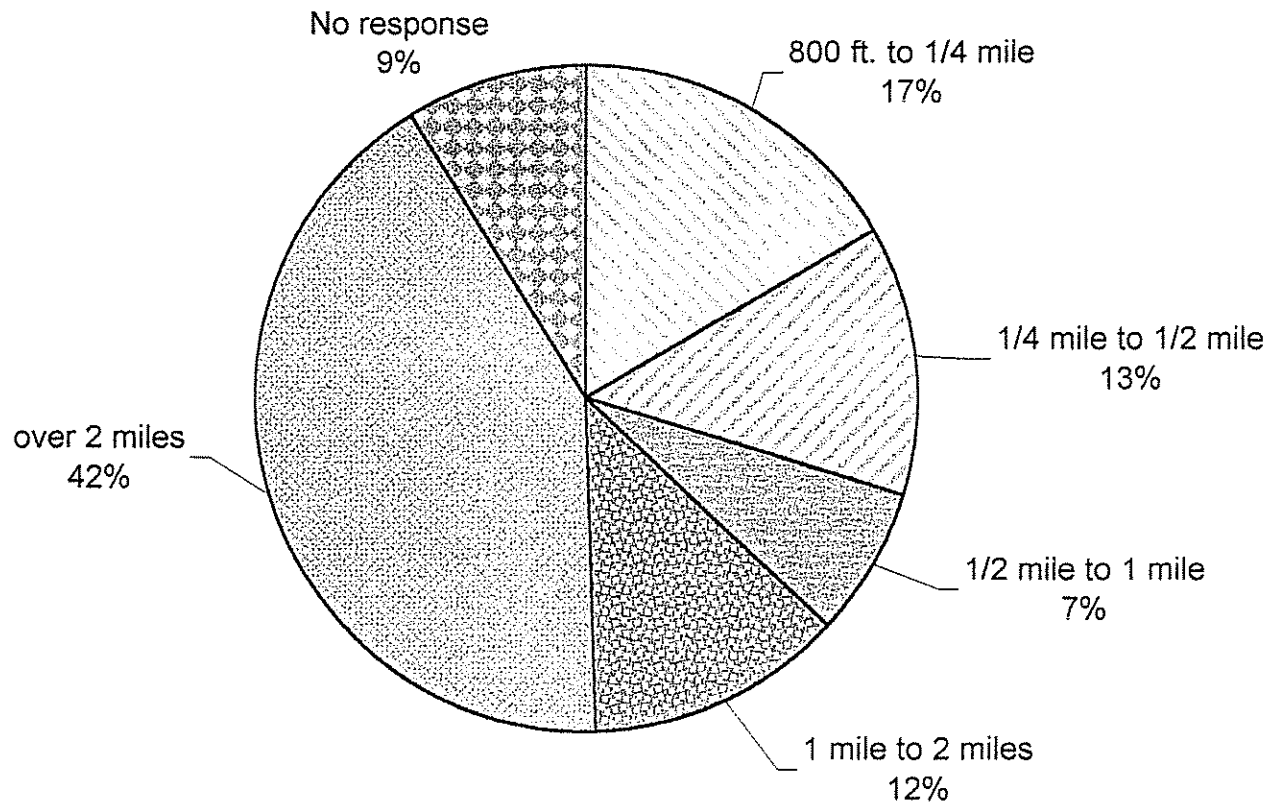
	800 ft. to 1/4 mile	1/4 mile to 1/2	1/2 mile to 1 mile	1 mile to 2 miles	over 2 miles	Total
■ Not at all/no response	7	16	16	102	50	191
▨ Positive	1	3	6	3	3	16
▤ Negative	1	8	6	10	1	26

4: Have the wind turbines positively or negatively affected your safety?

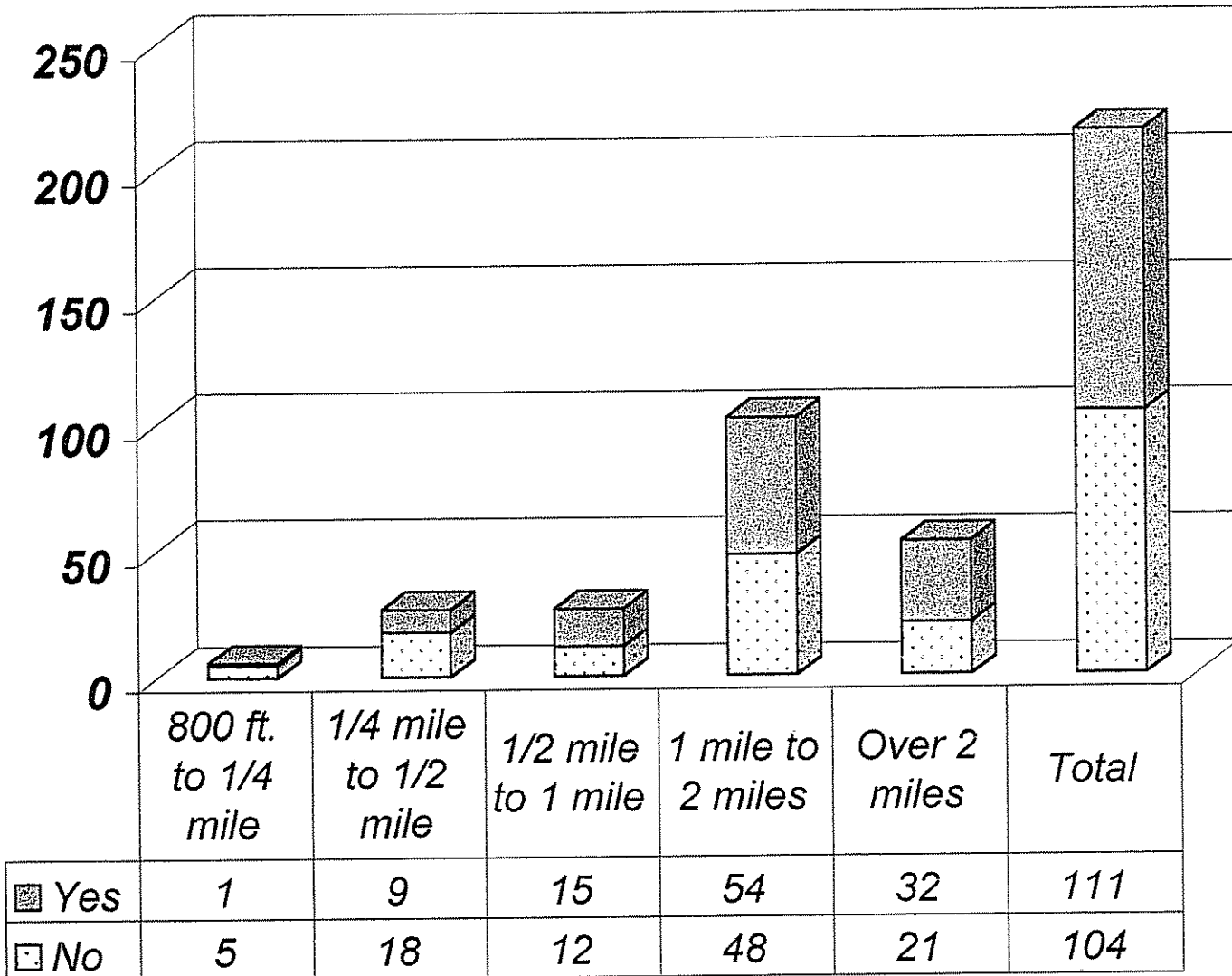


	800 ft. to 1/4 mile	1/4 mile to 1/2 mile	1/2 mile to 1 mile	1 mile to 2 miles	over 2 miles	Total
■ Not at all/no response	7	16	16	102	50	191
▨ Positive	1	3	6	3	3	16
▤ Negative	1	8	6	10	1	26

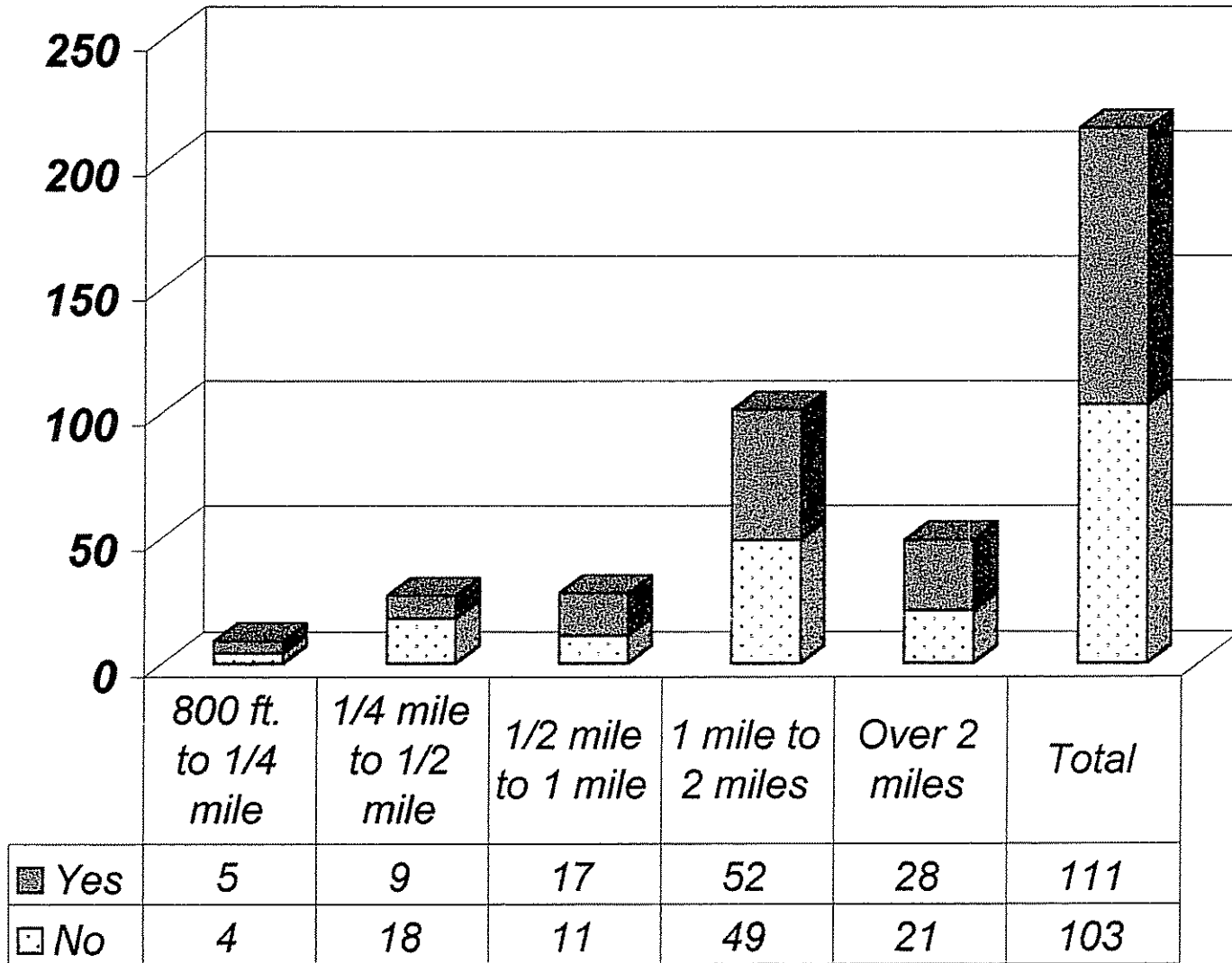
5: How close to the wind turbines would you consider buying or building a home?



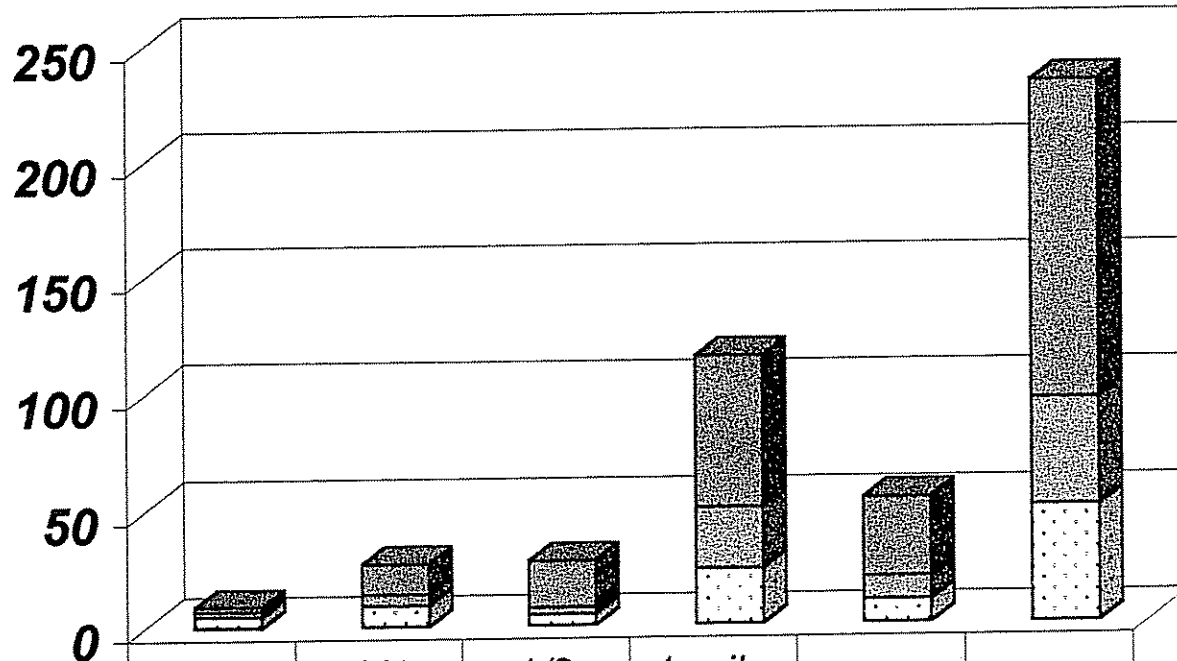
6a: Would you host a wind turbine?



6b: Would you support a neighbor's hosting a wind turbine?

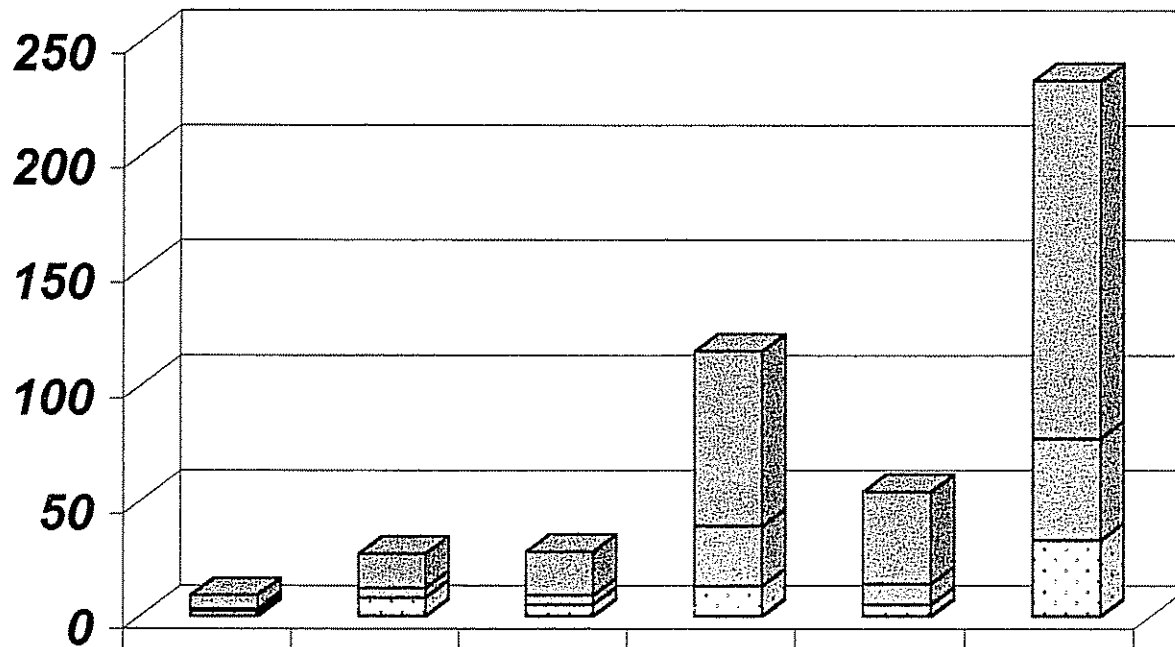


7: How important is it that the wind turbines generated additional revenues?



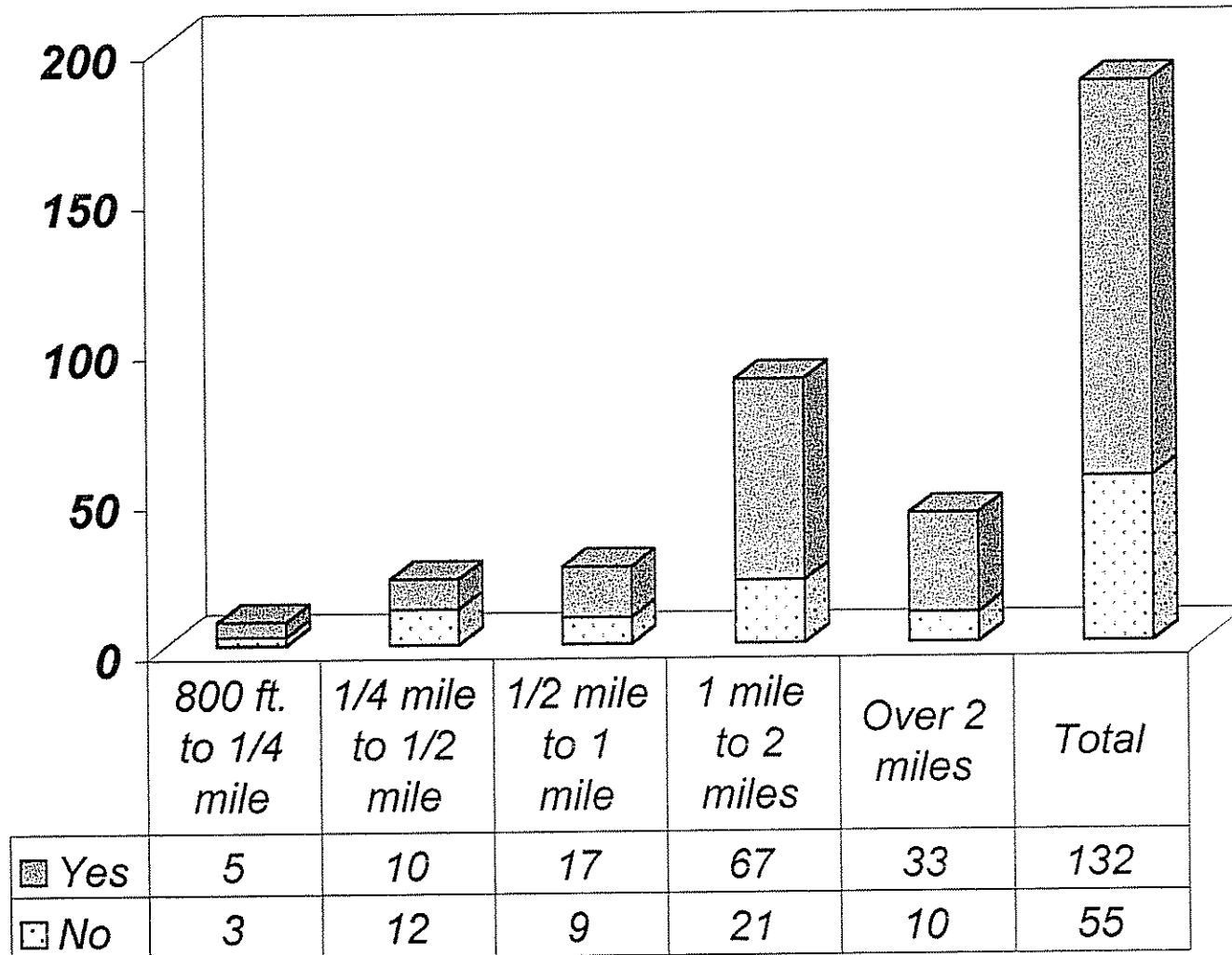
	800 ft. to 1/4 mile	1/4 mile to 1/2	1/2 mile to 1 mile	1 mile to 2 miles	Over 2 miles	Total
■ Important	2	13	20	65	34	137
▒ No opinion	2	5	3	26	10	46
▣ Not important	5	9	5	24	10	50

8: How important is it that the wind generators provided electricity for approximately 5,720 homes?



	800 ft. to 1/4 mile	1/4 mile to 1/2 mile	1/2 mile to 1 mile	1 mile to 2 miles	Over 2 miles	Total
■ Important	6	15	19	76	40	156
▒ No opinion	1	4	4	26	9	44
□ Not important	2	8	5	13	5	33

9: Do you believe Lincoln Township is setting a good example in hosting wind turbines?



Question 1: Are any of the following wind turbine issues currently causing problems in your household?

		800 ft. to 1/4 mile			1/4 to 1/2 mile			1/2 to 1 mile			1 to 2 miles			Over 2 miles			Total			Grand Total
		Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	
a. Shadows from the blades																				
MG&E		2 66.7%	1 33.3%	0 0.0%	2 25.0%	6 75.0%	0 0.0%	4 23.5%	13 76.5%	0 0.0%	2 4.5%	41 93.2%	1 2.3%	0 0.0%	19 100.0%	0 0.0%	10 11.0%	80 87.9%	1 1.1%	91
WPS		1 16.7%	5 83.3%	0 0.0%	9 47.4%	10 52.6%	0 0.0%	1 9.1%	9 81.8%	1 9.1%	1 1.4%	69 97.2%	1 1.4%	1 2.9%	34 97.1%	0 0.0%	13 9.2%	127 89.4%	2 1.4%	142
Total		3 33.3%	6 66.7%	0 0.0%	11 40.7%	16 59.3%	0 0.0%	5 17.9%	22 78.6%	1 3.6%	3 2.6%	110 95.7%	2 1.7%	1 1.9%	53 98.1%	0 0.0%	23 9.9%	207 88.8%	3 1.3%	233
b. TV reception																				
MG&E		1 33.3%	2 66.7%	0 0.0%	2 25.0%	6 75.0%	0 0.0%	4 23.5%	13 76.5%	0 0.0%	8 18.2%	32 72.7%	4 9.1%	3 15.8%	15 78.9%	1 5.3%	18 19.8%	68 74.7%	5 5.5%	91
WPS		2 33.3%	4 66.7%	0 0.0%	8 42.1%	11 57.9%	0 0.0%	6 54.5%	5 45.5%	0 0.0%	14 19.7%	56 78.9%	1 1.4%	4 11.4%	28 80.0%	3 8.6%	34 23.9%	104 73.2%	4 2.8%	142
Total		3 33.3%	6 66.7%	0 0.0%	10 37.0%	17 63.0%	0 0.0%	10 35.7%	18 64.3%	0 0.0%	22 19.1%	88 76.5%	5 4.3%	7 13.0%	43 79.6%	4 7.4%	52 22.3%	172 73.8%	9 3.9%	233
c. Blinking lights from on top of the towers																				
		Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Grand Total
MG&E		1 33.3%	2 66.7%	0 0.0%	0 0.0%	7 87.5%	1 12.5%	0 0.0%	17 100.0%	0 0.0%	4 9.1%	39 88.6%	1 2.3%	4 21.1%	15 78.9%	0 0.0%	9 9.9%	80 87.9%	2 2.2%	91
WPS		0 0.0%	6 100.0%	0 0.0%	4 21.1%	15 78.9%	0 0.0%	3 27.3%	7 63.6%	1 9.1%	3 4.2%	68 95.8%	0 0.0%	0 0.0%	35 100.0%	0 0.0%	10 7.0%	131 92.3%	1 0.7%	142
Total		1 11.1%	8 88.9%	0 0.0%	4 14.8%	22 81.5%	1 3.7%	3 10.7%	24 85.7%	1 3.6%	7 6.1%	107 93.0%	1 0.9%	4 7.4%	50 92.6%	0 0.0%	19 8.2%	211 90.6%	3 1.3%	233
d. Noise																				
MG&E		2 66.7%	1 33.3%	0 0.0%	5 62.5%	3 37.5%	0 0.0%	4 23.5%	13 76.5%	0 0.0%	2 4.5%	41 93.2%	1 2.3%	1 5.3%	18 94.7%	0 0.0%	14 15.4%	76 83.5%	1 1.1%	91
WPS		2 33.3%	4 66.7%	0 0.0%	9 47.4%	10 52.6%	0 0.0%	5 45.5%	5 45.5%	1 9.1%	2 2.8%	67 94.4%	2 2.8%	0 0.0%	35 100.0%	0 0.0%	18 12.7%	121 85.2%	3 2.1%	142
Total		4 44.4%	5 55.6%	0 0.0%	14 51.9%	13 48.1%	0 0.0%	9 32.1%	18 64.3%	1 3.6%	4 3.5%	108 93.9%	3 2.6%	1 1.9%	53 98.1%	0 0.0%	32 13.7%	197 84.5%	4 1.7%	233

	800 ft. to 1/4 mile			1/4 to 1/2 mile			1/2 to 1 mile			1 to 2 miles			Over 2 miles			Total			Grand Total
	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	
	2. In the last year, have you been awakened by sound coming from the wind turbines?																		
MG&E	1	2	0	3	5	0	1	16	0	0	43	1	0	19	0	5	85	1	91
	33.3%	66.7%	0.0%	37.5%	62.5%	0.0%	5.9%	94.1%	0.0%	0.0%	97.7%	2.3%	0.0%	100.0%	0.0%	5.5%	93.4%	1.1%	
	*1, 16 or more times			*1, 6-10 times; 1, 11-15 times; 1, 16 or more times			*1, 16 or more times			*1, 6-10 times									
WPS	0	5	1	6	12	1	1	9	1	2	68	1	0	35	0	9	129	4	142
	0.0%	83.3%	16.7%	31.6%	63.2%	5.3%	9.1%	81.8%	9.1%	2.8%	95.8%	1.4%	0.0%	100.0%	0.0%	6.3%	90.8%	2.8%	
	*1, 6-10 times			*1, 1-5 times; 1, 6-10 times; 1, 16 or more times			*1, 16 or more times			*1, 1-5 times 1, 6-10 times									
Total	1	7	1	9	17	1	2	25	1	2	111	2	0	54	0	14	214	5	233
	11.1%	77.8%	11.1%	33.3%	63.0%	3.7%	7.1%	89.3%	3.6%	1.7%	96.5%	1.7%	0.0%	100.0%	0.0%	6.0%	91.8%	2.1%	

	Positive			Negative			Not at all			Positive			Negative			Not at all			Grand Total
	Positive	Negative	Not at all	Positive	Negative	Not at all	Positive	Negative	Not at all	Positive	Negative	Not at all	Positive	Negative	Not at all	Positive	Negative	Not at all	
	3. Have the wind turbines in Lincoln Township positively or negatively impacted your health?																		
MG&E	1	0	2	1	2	5	1	1	15	3	6	35	2	0	17	8	9	74	91
	33.3%	0.0%	66.7%	12.5%	25.0%	62.5%	5.9%	5.9%	88.2%	6.8%	13.6%	79.5%	10.5%	0.0%	89.5%	8.8%	9.9%	81.3%	
										2 no response									
WPS	0	1	5	2	6	11	5	5	1	0	4	67	1	1	33	8	17	117	142
	0.0%	16.7%	83.3%	10.5%	31.6%	57.9%	45.5%	45.5%	9.1%	0.0%	5.6%	94.4%	2.9%	2.9%	94.3%	5.6%	12.0%	82.4%	
	2 no response			1 no response			No response			3 no response									
Total	1	1	7	3	8	16	6	6	16	3	10	102	3	1	50	16	26	191	233
	11.1%	11.1%	77.8%	11.1%	29.6%	59.3%	21.4%	21.4%	57.1%	2.6%	8.7%	88.7%	5.6%	1.9%	92.6%	6.9%	11.2%	82.0%	

	Positive			Negative			Not at all			Positive			Negative			Not at all			Grand Total
	Positive	Negative	Not at all	Positive	Negative	Not at all	Positive	Negative	Not at all	Positive	Negative	Not at all	Positive	Negative	Not at all	Positive	Negative	Not at all	
	4. Have the wind turbines in Lincoln Township positively or negatively impacted your safety?																		
MG&E	0	1	2	1	2	5	1	1	15	3	2	39	1	0	18	6	6	79	91
	0.0%	33.3%	66.7%	12.5%	25.0%	62.5%	5.9%	5.9%	88.2%	6.8%	4.5%	88.6%	5.3%	0.0%	94.7%	6.6%	6.6%	86.8%	
										2 no response									
WPS	0	1	5	2	3	14	0	3	8	2	3	66	1	1	33	5	11	126	142
	0.0%	16.7%	83.3%	10.5%	15.8%	73.7%	0.0%	27.3%	72.7%	2.8%	4.2%	93.0%	2.9%	2.9%	94.3%	3.5%	7.7%	88.7%	
				3 no response			2 no response			2 no response			2 no response						
Total	0	2	7	3	5	19	1	4	23	5	5	105	2	1	51	11	17	205	233
	0.0%	22.2%	77.8%	11.1%	18.5%	70.4%	3.6%	14.3%	82.1%	4.3%	4.3%	91.3%	3.7%	1.9%	94.4%	4.7%	7.3%	88.0%	

5. How close to the wind turbines would you consider buying or building a home?

MG&E						
	800 ft. to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile	1 to 2 miles	Over 2 miles	Total
800 ft-1/4 mile	1 7.7%	2 15.4%	4 30.8%	4 30.8%	2 15.4%	13 100.0%
1/4 - 1/2 mile	0 0.0%	1 9.1%	0 0.0%	6 54.5%	4 36.4%	11 100.0%
1/2 - 1 mile	0 0.0%	0 0.0%	4 44.4%	4 44.4%	1 11.1%	9 100.0%
1 - 2 miles	0 0.0%	0 0.0%	2 16.7%	7 58.3%	3 25.0%	12 100.0%
> 2 miles	0 0.0%	4 11.8%	4 11.8%	18 52.9%	8 23.5%	34 100.0%
No response	2 16.7%	1 8.3%	3 25.0%	5 41.7%	1 8.3%	12 100.0%
Total	3 3.3%	8 8.8%	17 18.7%	44 48.4%	19 20.9%	91 100.0%

WPS						
	800 ft. to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile	1 to 2 miles	Over 2 miles	Total
800 ft-1/4 mile	4 15.4%	5 19.2%	3 11.5%	10 38.5%	4 15.4%	26 100.0%
1/4 - 1/2 mile	0 0.0%	3 15.8%	1 5.3%	10 52.6%	5 26.3%	19 100.0%
1/2 - 1 mile	0 0.0%	0 0.0%	0 0.0%	5 62.5%	3 37.5%	8 100.0%
1 - 2 miles	0 0.0%	1 5.9%	1 5.9%	14 82.4%	1 5.9%	17 100.0%
> 2 miles	1 1.6%	9 14.3%	5 7.9%	29 46.0%	19 30.2%	63 100.0%
No response	1 11.1%	1 11.1%	1 11.1%	3 33.3%	3 33.3%	9 100.0%
Total	6 4.2%	19 13.4%	11 7.7%	71 50.0%	35 24.6%	142 100.0%

Total						
	800 ft. to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile	1 to 2 miles	Over 2 miles	Total
800 ft-1/4 mile	5 12.8%	7 17.9%	7 17.9%	14 35.9%	6 15.4%	39 100.0%
1/4 - 1/2 mile	0 0.0%	4 13.3%	1 3.3%	16 53.3%	9 30.0%	30 100.0%
1/2 - 1 mile	0 0.0%	0 0.0%	4 23.5%	9 52.9%	4 23.5%	17 100.0%
1 - 2 miles	0 0.0%	1 3.4%	3 10.3%	21 72.4%	4 13.8%	29 100.0%
> 2 miles	1 1.0%	13 13.4%	9 9.3%	47 48.5%	27 27.8%	97 100.0%
No response	3 14.3%	2 9.5%	4 19.0%	8 38.1%	4 19.0%	21 100.0%
Total	9 3.9%	27 11.6%	28 12.0%	115 49.4%	54 23.2%	233 100.0%

Question 6a: If you owned enough property and had the opportunity to host a wind turbine, would you?

	800 ft. to 1/4 mile			1/4 to 1/2 mile			1/2 to 1 mile			1 to 2 miles			Over 2 miles			Total			Grand Total
	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	
MG&E	1 33.3%	1 33.3%	1 33.3%	3 37.5%	5 62.5%	0 0.0%	11 64.7%	5 28.4%	1 5.9%	17 38.6%	22 50.0%	5 11.4%	10 52.6%	9 47.4%	0 0.0%	42 46.2%	42 46.2%	7 7.7%	91
WPS	0 0.0%	4 66.7%	2 33.3%	6 31.6%	13 68.4%	0 0.0%	4 36.4%	7 63.6%	0 0.0%	37 52.1%	26 36.6%	8 11.3%	22 62.9%	12 34.3%	1 2.9%	69 48.6%	62 43.7%	11 7.7%	142
Total	1 11.1%	5 55.6%	3 33.3%	9 33.3%	18 66.7%	0 0.0%	15 53.6%	12 42.9%	1 3.6%	54 47.0%	48 41.7%	13 11.3%	32 59.3%	21 38.9%	1 1.9%	111 47.6%	104 44.6%	18 7.7%	233

Question 6b: Would you support the installation of a wind turbine or turbines on your neighbor or neighbors property?

MG&E	1 33.3%	2 66.7%	0 0.0%	3 37.5%	5 62.5%	0 0.0%	13 76.5%	4 23.5%	0 0.0%	15 34.1%	20 45.5%	9 20.5%	10 52.6%	8 42.1%	1 5.3%	42 46.2%	39 42.9%	10 11.0%	91
WPS	4 66.7%	2 33.3%	0 0.0%	6 31.6%	13 68.4%	0 0.0%	4 36.4%	7 63.6%	0 0.0%	37 52.1%	29 40.8%	5 7.0%	18 51.4%	13 37.1%	4 11.4%	69 48.6%	64 45.1%	9 6.3%	142
Total	5 55.6%	4 44.4%	0 0.0%	9 33.3%	18 66.7%	0 0.0%	17 60.7%	11 39.3%	0 0.0%	52 45.2%	49 42.6%	14 12.2%	28 51.9%	21 38.9%	5 9.3%	111 47.6%	103 44.2%	19 8.2%	233

Question 7: How important is the fact that wind turbines generated additional revenue which helped lower Lincoln Township's tax levy?

	Important			Not Important			Not Important			Not Important			Not Important			Not Important			Grand Total
	Important	Not Important	No Response	Important	Not Important	No Response	Important	Not Important	No Response	Important	Not Important	No Response	Important	Not Important	No Response	Important	Not Important	No Response	
MG&E	1 33.3%	2 66.7%	0 0.0%	5 62.5%	2 25.0%	1 12.5%	15 88.2%	0 0.0%	2 11.8%	23 52.3%	8 18.2%	13 29.5%	9 47.4%	6 31.6%	4 21.1%	53 58.2%	18 19.8%	20 22.0%	91
WPS	4 66.7%	0 0.0%	2 33.3%	8 42.1%	7 36.8%	4 21.1%	5 45.5%	5 45.5%	1 9.1%	50 70.4%	4 5.6%	17 23.9%	25 71.4%	4 11.4%	6 17.1%	92 64.8%	20 14.1%	30 21.1%	142
Total	5 55.6%	2 22.2%	2 22.2%	13 48.1%	9 33.3%	5 18.5%	20 71.4%	5 17.9%	3 10.7%	73 63.5%	12 10.4%	30 26.1%	34 63.0%	10 18.5%	10 18.5%	145 62.2%	38 16.3%	50 21.5%	233

Question 8: How important is the fact that wind turbines in Lincoln Township provided enough electricity to power approximately 5,720 homes?

Grand
Total

	800 ft. to 1/4 mile			1/4 to 1/2 mile			1/2 to 1 mile			1 to 2 miles			Over 2 miles			Total			Grand Total
	Important	Not Important	No Response	Important	Not Important	No Response	Important	Not Important	No Response	Important	Not Important	No Response	Important	Not Important	No Response	Important	Not Important	No Response	
MG&E	1 33.3%	2 66.7%	0 0.0%	5 62.5%	3 37.5%	0 0.0%	14 82.4%	1 5.9%	2 11.8%	23 52.3%	8 18.2%	13 29.5%	12 63.2%	2 10.5%	5 26.3%	55 60.4%	16 17.6%	20 22.0%	91
WPS	5 83.3%	0 0.0%	1 16.7%	10 52.6%	5 26.3%	4 21.1%	5 45.5%	4 36.4%	2 18.2%	53 74.6%	5 7.0%	13 18.3%	28 80.0%	3 8.6%	4 11.4%	101 71.1%	17 12.0%	24 16.9%	142
Total	6 66.7%	2 22.2%	1 11.1%	15 55.6%	8 29.6%	4 14.8%	19 67.9%	5 17.9%	4 14.3%	76 66.1%	13 11.3%	26 22.6%	40 74.1%	5 9.3%	9 16.7%	156 67.0%	33 14.2%	44 18.9%	233

Question 9: Do you believe that Lincoln Township is "setting a good example" in hosting wind turbines?

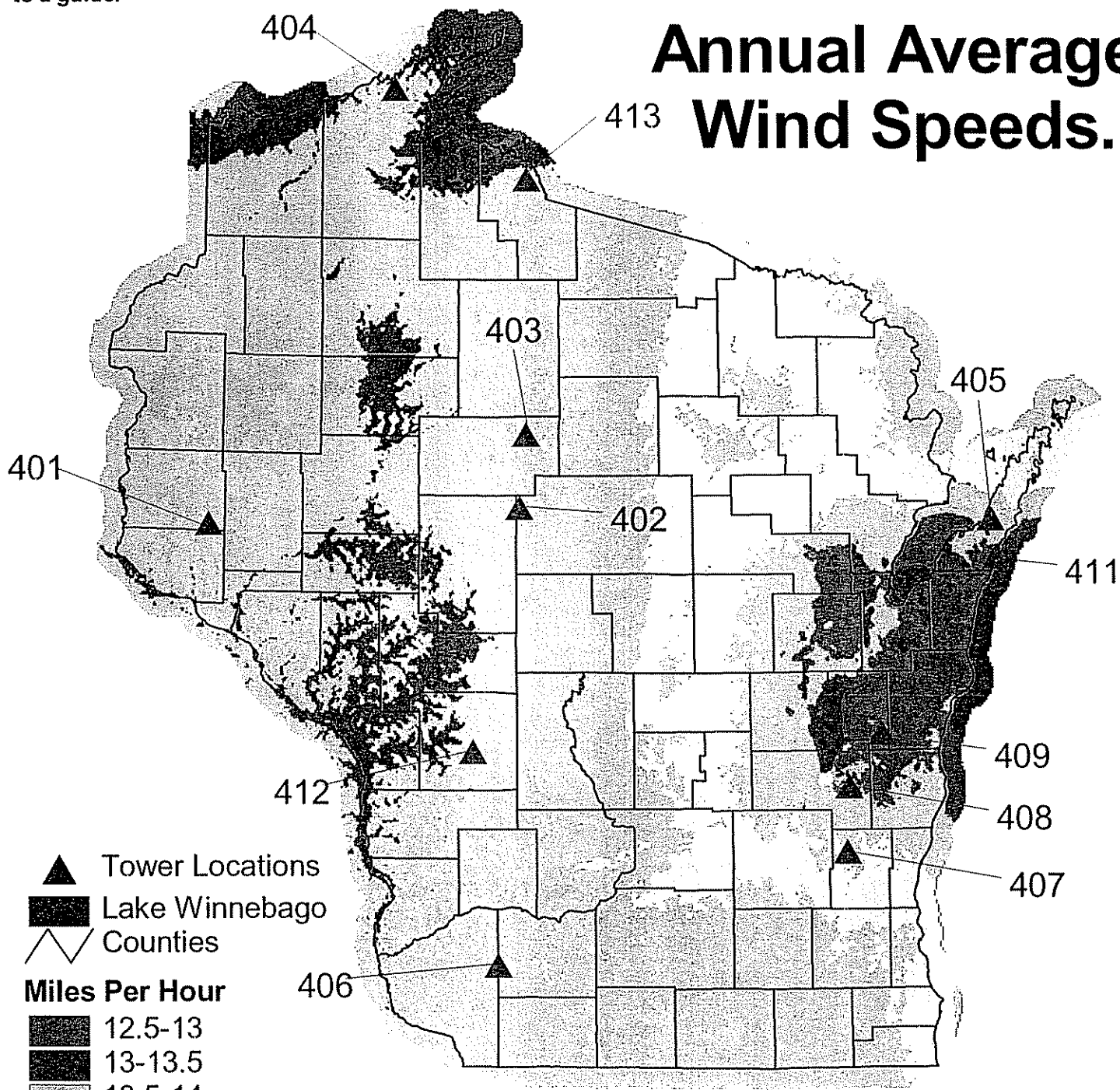
	Yes			No			No Response			Yes			No			No Response			Grand Total
	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response	
MG&E	1 33.3%	2 66.7%	0 0.0%	3 37.5%	4 50.0%	1 12.5%	13 76.5%	3 17.6%	1 5.9%	23 52.3%	11 25.0%	10 22.7%	11 57.9%	4 21.1%	4 21.1%	51 56.0%	24 26.4%	16 17.6%	91
WPS	4 66.7%	1 16.7%	1 16.7%	7 36.8%	8 42.1%	4 21.1%	4 36.4%	6 54.5%	1 9.1%	44 62.0%	10 14.1%	17 23.9%	22 62.9%	6 17.1%	7 20.0%	81 57.0%	31 21.8%	30 21.1%	142
Total	5 55.6%	3 33.3%	1 11.1%	10 37.0%	12 44.4%	5 18.5%	17 60.7%	9 32.1%	2 7.1%	67 58.3%	21 18.3%	27 23.5%	33 61.1%	10 18.5%	11 20.4%	132 56.7%	55 23.6%	46 19.7%	233













Tab 13

1000' setback map
Overlay district map
Sound level contour maps for WPSC and MG&E windfarms
Tower density map for 40 acre parcels

Warning! Field observations are still necessary to help determine if a particular site is suitable for the development of wind farms. This is to be used only as a guide.

Annual Average Wind Speeds.



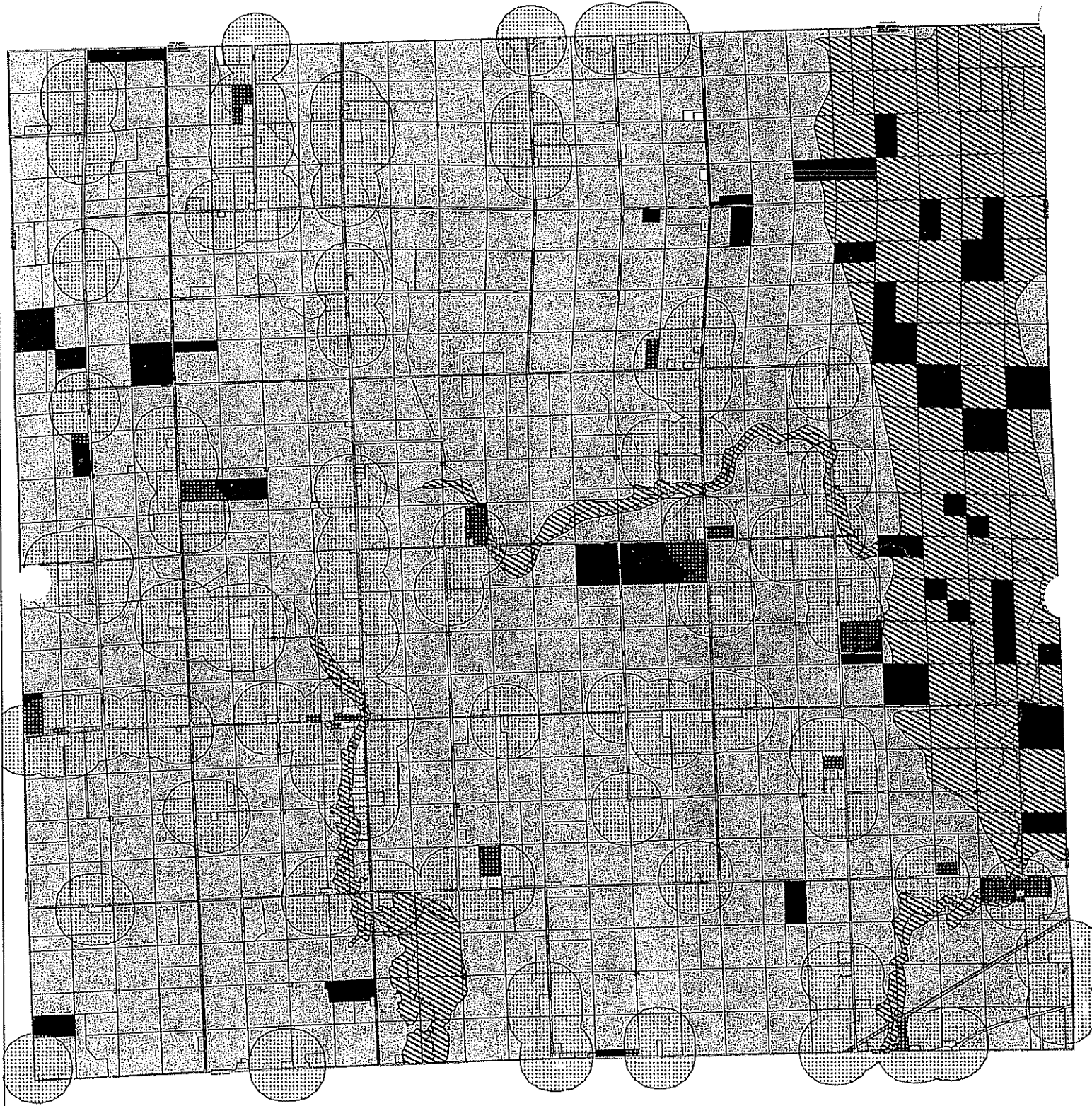
-  Tower Locations
 -  Lake Winnebago
 -  Counties
- Miles Per Hour**
-  12.5-13
 -  13-13.5
 -  13.5-14
 -  14-14.5
 -  14.5-15
 -  15-15.5
 -  15.5-16
 -  16-16.5
 -  No Data

This data set is a 30-meter resolution, which represents estimated annual average wind speeds in meters per second at 60 meters above ground. The calculations were derived using a special modeling software called WindMap. This grid represents 1 year of concurrent data from 12 anemometers placed at strategic places throughout the state.

It was developed solely for locating areas which offer the best wind potential for the development of wind farms. The decision to use 60 meters above ground was because most wind turbines measure 60 meters from the base to the hub of the fan.

Map produced by:
Wisconsin Department of Administration
Wisconsin Energy Division

Town of Lincoln



 1000 Foot Buffer of Rural Residential

2000 0 2000 4000 Feet



EMD

Vestas/DWT
Smed Hansensvej 27
6940 Lem
Tlf. 97 34 11 88

Date : 23/11/98
Time : 8:40
Page : 2
Ref. : AGO

DECIBELL

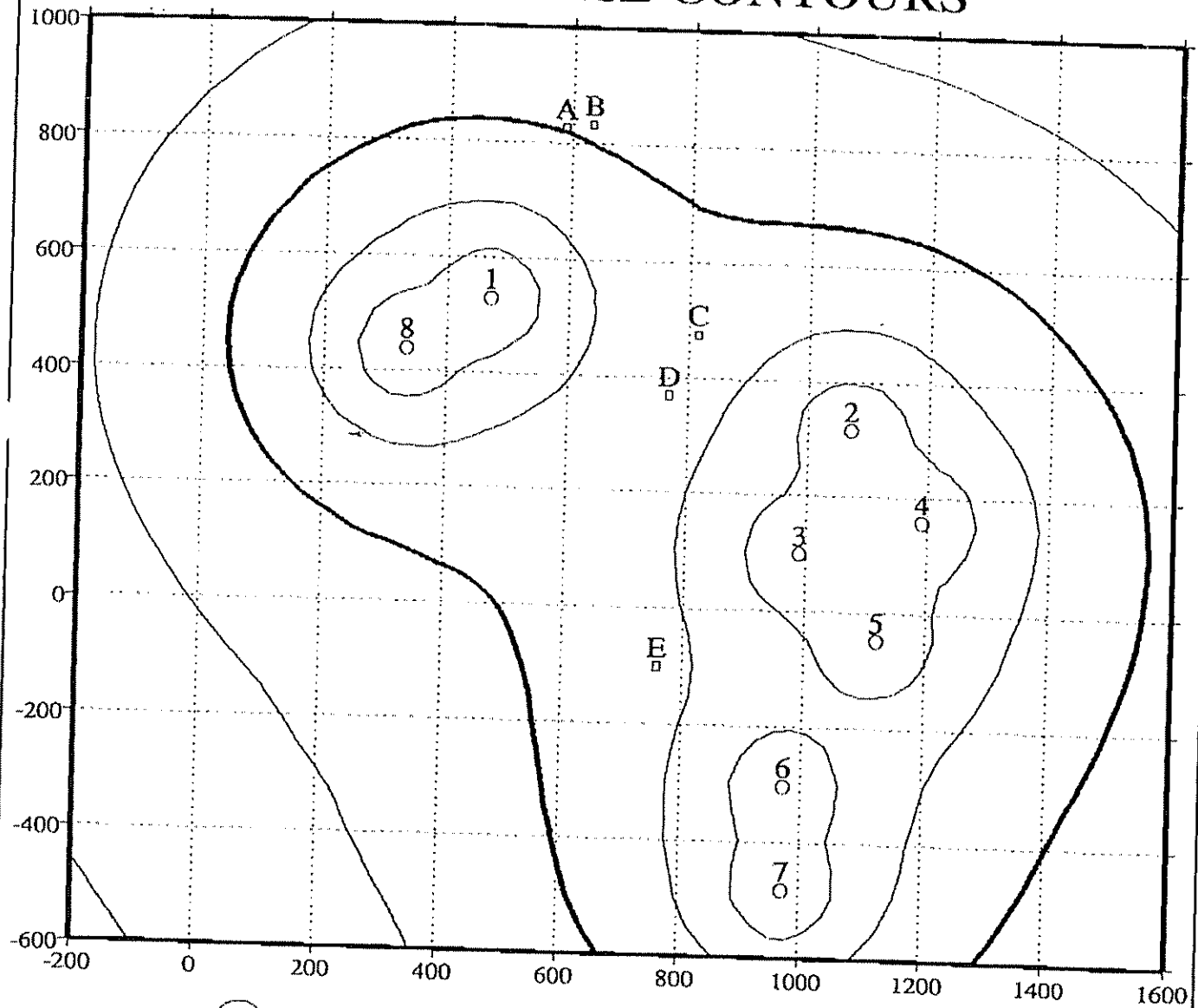
Vers.: 2.55 Aug 95

CLIENT: VESTAS AWT

V47-660 kW

SITE : LINCOLN

SOUND LEVEL CONTOURS



○ Turbine sitings

□ Neighbours

55 dB

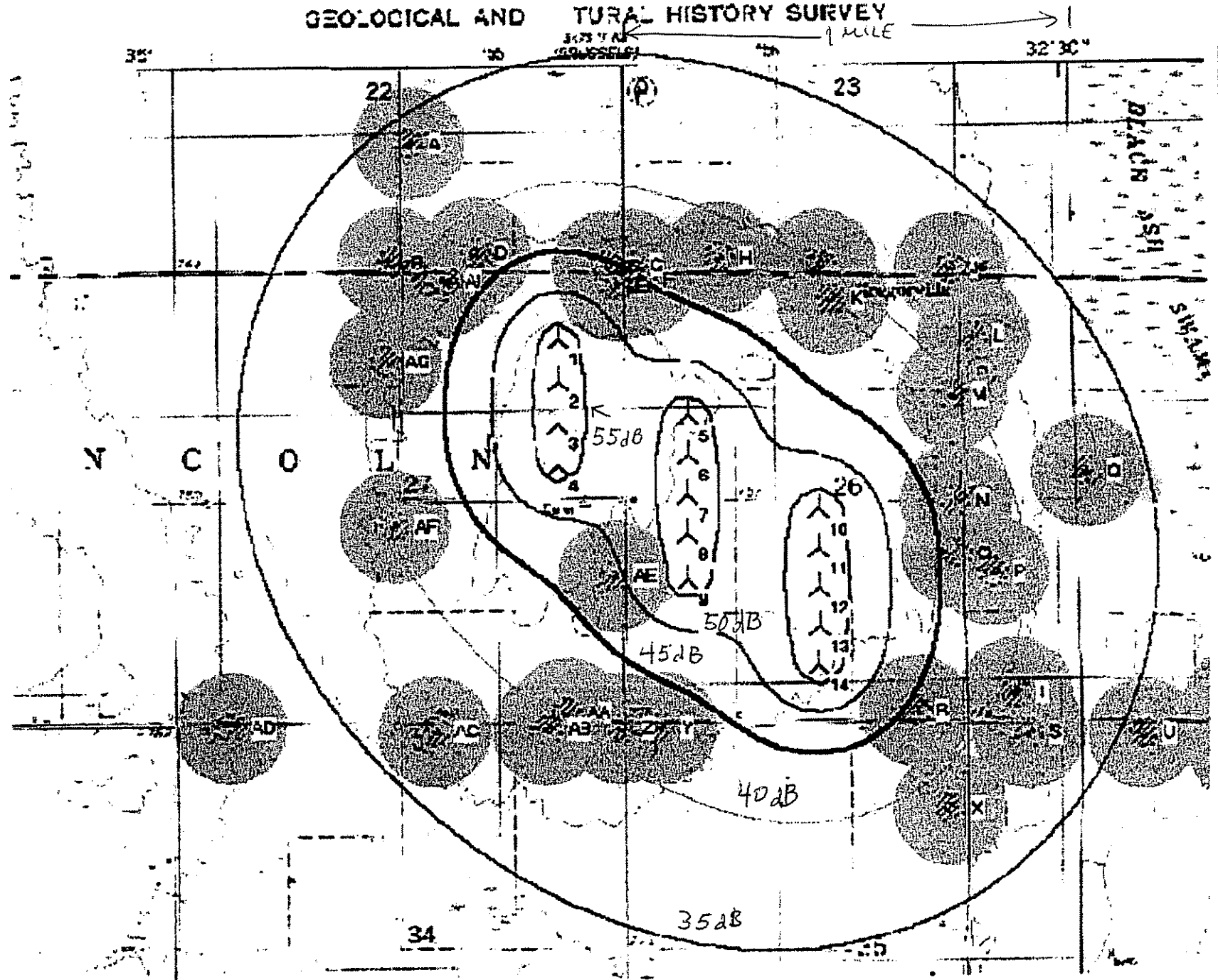
50 dB

45 dB

40 dB

35 dB

GEOLOGICAL AND TURAL HISTORY SURVEY



Map: Lincoln1, Print scale 1:25,000, Map center UTM 18 East: 455,211 North: 4,040,484

▲ New WTG

● Noise sensitive area

Height above level: 230.0 m






— 35 dB — 40 dB — 45 dB — 50 dB — 55 dB

Building Setbacks with Zoning

Town of Lincoln

Kewaunee County, Wisconsin

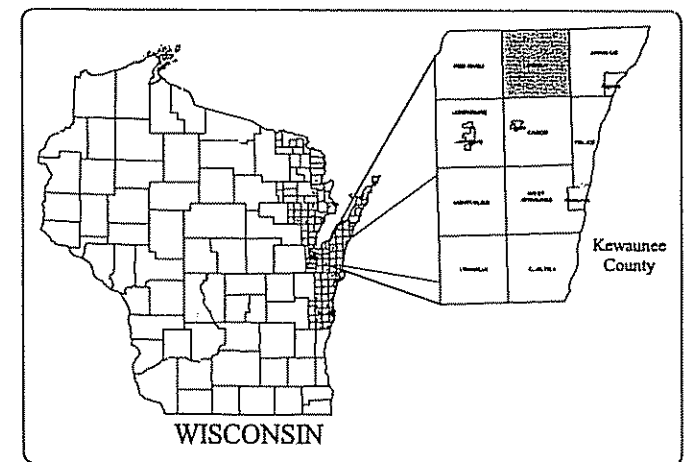
THESE SET BACKS ARE FROM ALL
BUILDINGS INCLUDING FARM
BUILDINGS & BARN

-  1000 - Foot Building Setback
-  800 - Foot Building Setback
-  WDNR Wetlands
-  Lowland Conservancy District
-  Prime Agricultural (A-1)

WHITE = A-2, RURAL RES, &
BUSINESS

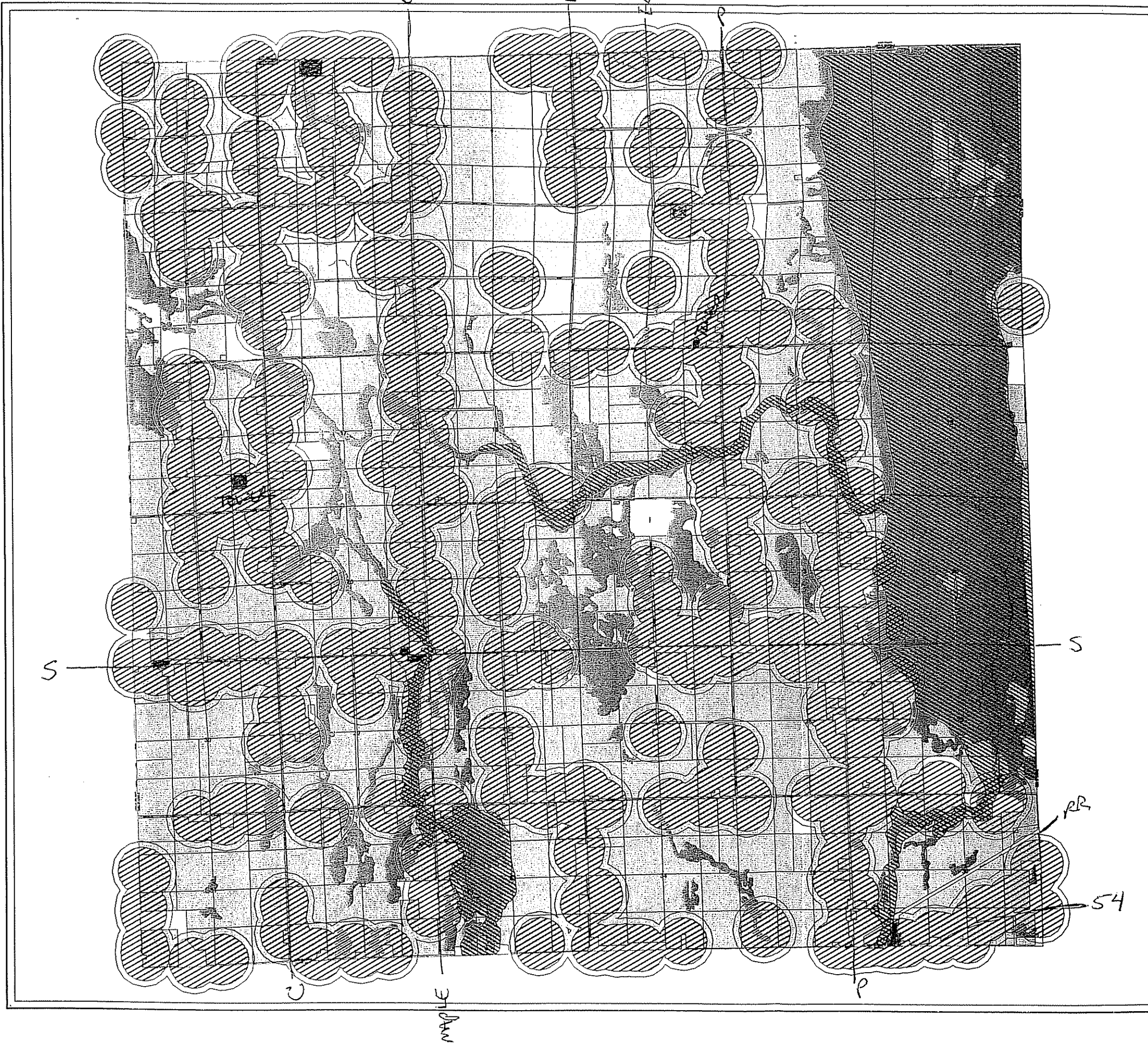


0.5 0 0.5 1 Miles



This map is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only. Bay-Lake RPC is not responsible for any inaccuracies herein contained.

Source: Kewaunee County; Bay-Lake Regional Planning Commission, 2001



TOWER DENSITY MAP 40 ACRE PARCELS

