

Fenner Planning Board Minutes – revised
06/21/17

Members present: Judy Carmon, Monica Cody, Pete Snyder, Andy Stone, Charlie Esposito and Andre Schokker.

Donna called the meeting to order at 7:30 PM. Peter made a motion to approve minutes for March, April and May. Andre seconded. Approved.

Preliminary for Enel Energy Special Use Permit.

Brad Hunt from McKenzie Hughes was there to represent Enel Green Energy and Canastota Wind Power. The following people from Enel were also present:

Dave Harmon Onsite Operations Supervisor
Greg Coachman Project Manager for Fenner Green Power
Ross Holland Permitting Manager

They are looking for an amended Special Use Permit to authorize changes to bring the existing windmills up to date. They will keep the same number of windmills but will be replacing the machine heads and blades. The blades will be longer by 19' 7" which will result in a setback requirement issue for some. GE no longer makes the shorter blades and the windmills need to be updated so Enel needs to change them to keep them running efficiently. Enel needs to get easements from some landowners and setbacks changed on some of the towers with current windmill landowners. The rule in our zoning law says that the setback needs to be 1.5 plus the height of the rotor or 346'. Enel needs 17.7 more feet per windmill to be compliant on 13 of the windmills. 7 will be ok to make the changes with no issue for setback regulations. I will list the windmills by owner and what we know to date:

Stone	#2, 3 and 4	2 is ok. 3 and 4 will stay within established boundaries.
Griffin	#5 and 6	6 is ok. 5 will be closer to Stone's property.
Westfall	#1 and 8	Neither will interfere with structures or roads.
Toole	#7,15,16,18	No set back issues. # 18 is already completed with new hubs and blades.
Ag Land/Stone	#9	Will be closer to Toole's than it is now.
Balenske	#10,11,14	10 and 14 will need easements. 11 will extend past existing setback on Peterboro Road.
Wilkinson	#12	Will need an easement from the Town of Fenner.
Kutzuba	#13	Would be closer to Griffin's property.
Lovely	#17	No setback issues.
Roberts	#19 and 20	Will be closer to Griffin's and their own properties.

All of the setbacks will not interfere with any structures, the biggest concern is Peterboro Road with turbine 11. Setback is a safety zone for ice throw or a lightning strike that may cause a small piece of the

blade to break off. If a turbine was ever to fall over it would fall close to the base and not be near the edges of the setbacks.

The blades are made of fiberglass which is a different composite and a different manufacturing process than the original ones. The new ones are lighter than the existing blades. The length of the blade allows for the windmill to catch lower winds so each unit will get more production. Enel has hired a third party engineering firm – AE Com to do an independent study on the current structures and foundations to make sure that they can handle the increased load the new parts will create. All of the foundations were reinforced after the one windmill fell down. Enel is confident that the foundations and integrity of the towers will be fine but they will have written results by the end of June. They will look into seeing if a sensor can be added to the new programming software to shut a turbine down in case of icing but in big ice events the turbines would shut down.

We reviewed the full Environmental Assessment form with the Enel team and there were a few questions brought up and discussed.

Greg Coachman reviewed the decibel sound levels. Our local law states that each turbine shall not exceed 50 dB measured at the boundaries of all the closest parcels that are owned by non-site owners. The study was done using the new component data and according to the computer model will fall in less than our local law now.

Enel commented that December is probably the most problematic month for shadow flicker. The shadow will appear minutes sooner than it does now because the blade will be longer.

Tower 18 is complete with a new hub and blades manufactured by Gold Wind Americas and the blades are as long as the proposed GE blades. They replaced them when they reset that turbine.

Enel submitted to the FAA for 4 windmills a while ago and have since submitted paperwork for the rest of the towers. The FAA takes about 4 months to get back to them.

Enel does not expect this project to start until next year. It is critical that they get the Special Use Permit finalized and approved so that they can present it in front of the investment committee to get the funding approved to move forward.

The public hearing will be on 07/19/17 at 7:45 PM for the SEQR and the Special Use permit. The public hearing will be published in the Cazenovia Republican and postcards will be sent to all landowners within 500 feet of any property that will be involved. The cards and the announcement will be handled by our town clerk. Regulatory Affairs would like to see a copy of the notice that was published in the paper.

The Special Use permit was submitted to Madison County on 06/21/17 for review and a determination should be back to us prior to the public hearing.

The Special Use permit may need some considerations for construction permit allowances and we will discuss at the next meeting.

An Area Variance was granted by the ZBA for the McGinness sub-division. A public hearing will be set for 07/19/17 at 7:40 PM. This will need to be published and cards sent out by the Town Clerk.

Pete made a motion to adjourn the meeting at 9:25 PM, Andre seconded. Approved.

Respectively submitted,

Judy Carmon