Planning Board Case reference: PA16.317560
Description
Proposed wind farm development including 13 wind turbines in Bunnycormellan, Co. Mayo & hydrogen plant in Castleconnor, Co. Sligo
Case type
Private Development - Application
Parties Mercury Renewable (Carrowleagh) Limited (Applicant)
Mercury Renewable (Carrowleagh) Limited (Active) 31/8.23
I wish to express my views on the case, mentioned above.

Archaeology

The first thing I am concerned about is the megalithic tomb of MAOS 1-034 located on the bog in the middle of the site chosen for the wind farm. This tomb is located close to turbine number 11 shown on figure 14.2. in the plan.
Although it is important to explore the land around this tomb, that is not what concerns me about turbine 11.

I went to this tomb in Christmas, trying to find out, if this tomb was aligned with the sun at the time of the winter solstice. There was no alignment that day. But on that day, I felt very happy in myself, waiting for the sunrise. It was strange to be standing in the same place with another person who was waiting for the same thing, the same sun, the same rocks 7000 years before. The only difference, is that there was a possibility that person was involved in the construction of that tomb.

I went back to the same tomb again at the beginning of Spring. Then, the experience was amazing. I had to wait a little, because the morning was cloudy at first. But, then, it happened. It was amazing to be inside the tomb and the sun was setting in a line. There was a strange warmth in that light, which I had never seen or felt in my life, and I was lucky to be there to see and feel that exhibition.

Then, I thought that there would be a chance that the tomb MAS 1-005 would be aligned with the Summer Solstice. At first, I thought there was little chance of alignment, but then it happened. The fern growing under the capstone. The sight was beautiful to see, the fresh green color of the fern and the sun shining through the tomb. I noticed that only the top of the tomb was visible. I stood there trying to imagine the whole structure. Again, I was happy.
I am also worried about MA31 -005, because of this project. In my opinion, I am **worried** that there is a chance that tower 6 will affect the alignment of the sun with this tomb.

I was already kind of embarrassed at the time, though, because I'm 57 years old, and if the project continues, there's a good chance I'll never see the amazing alignment, which happens at MA31-034, again. and at MA31-005.
We have a duty to protect sites like this

MA31-034 to be held in Spring 2023

MA031-005 The nettle lit by the sun from the other side in the background. 2023

There is a fort, with reference to a cemetery for patches mentioned MA31 023. This fort is close to the interconnector, and the land around this fort should be explored.

Also a mound, close to the house to be demolished close to the N59 SL022-026. We hope that mound will also be inspected before any work is done there.

<u>Problem with houses on map that I couldn't see while out walking. In figure 1.3 in the plan.</u>

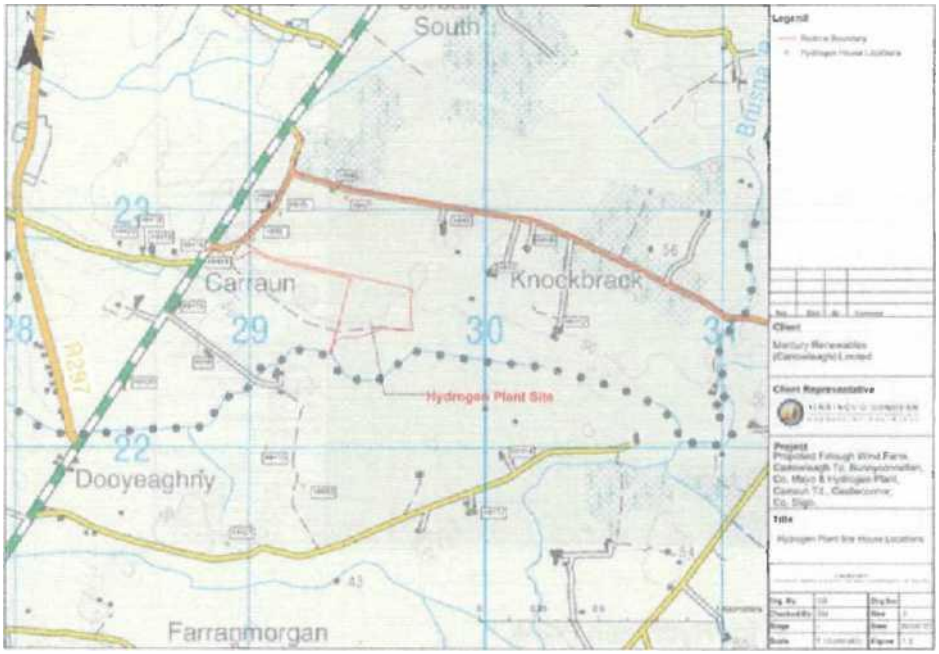

Figure 1.3 Hydrogen Plant Site House Locations

Although HH6, HHIO and HH13 are on the map, I was not able to see them when I was out in the open.


Map of the same place.

But, I do not understand why the houses HH6, HHIO and HH13 are taken into account on Figure 11.9 Noise Contour Map for Hydrogen Plant, and HH19 is not mentioned at all, a house where my neighbors live.

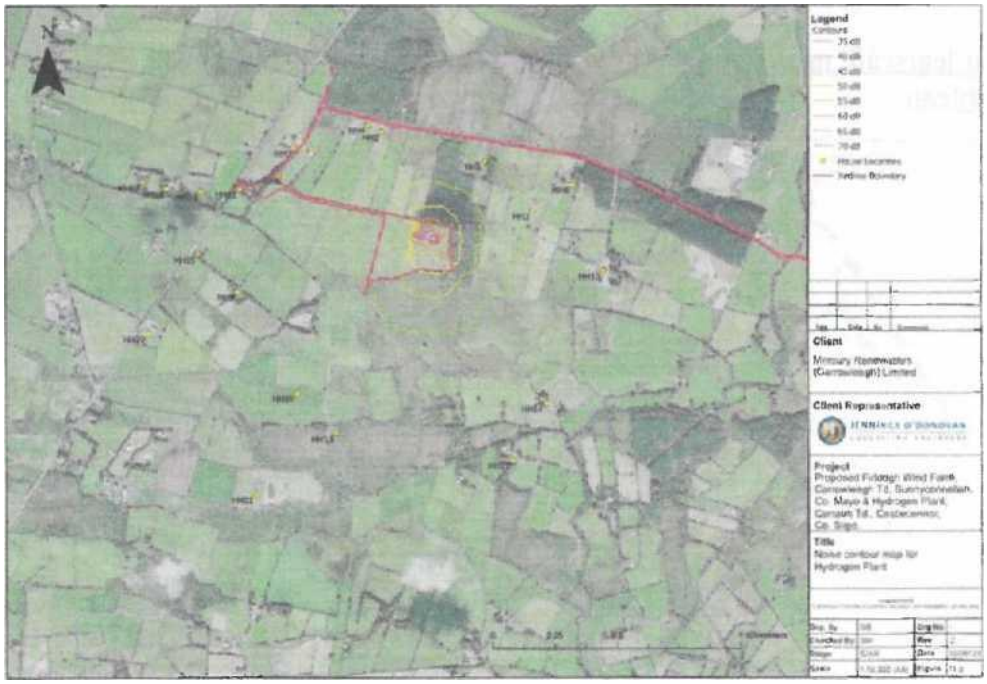

Figure 11.9 Noise Contour Map for Hydrogen Plant

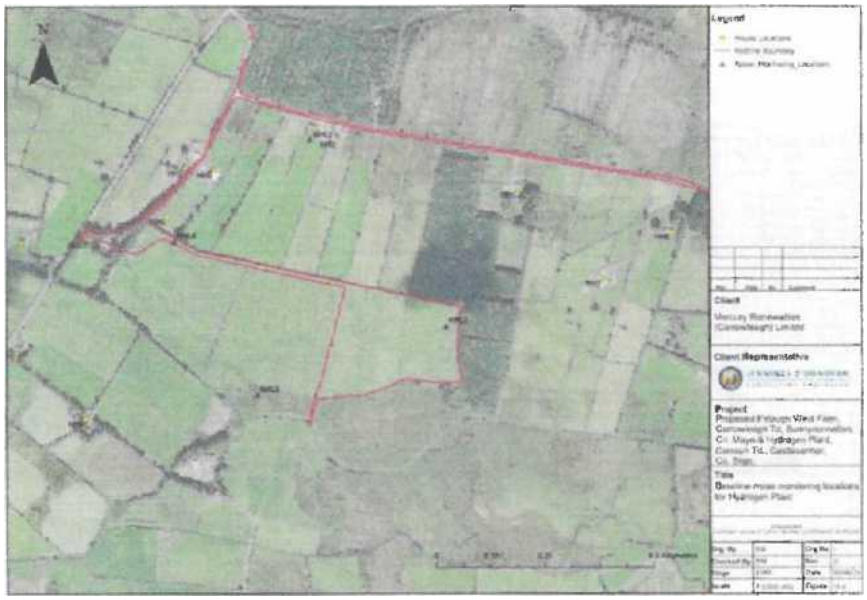

Figure 11.4 Baseline Noise Monitoring Locations for Hydrogen Plant
EIAR Chapter 11. Noise and Vibration p 55

'Construction Traffic
The main construction traffic to the site will be delivery of materials such as hardcore, concrete, building materials for building construction and construction staff. Construction is expected to extend for a period of 21 months. There are two receptors HH11 and ***HH6*** within 150 m of the access road. *HH6 is at 30 m to the access road while HH11 is at 14 m. HH11 is only 10 m from the N59 Regional Road which has an average traffic flow of 215 veh/hr and in a location where the Hydrogen Plant Site access/departing trucks will be*

moving at a very slow speed thereby generating very low levels of noise. '

HH6 is mentioned again here, and in the plan, the power wants to demolish HH11.

And ads...

11 Noise and Vibration P 58/59

11.27.4.5

Predicted Noise Levels

The predicted noise levels (LAeq to the nearest dBA) at each receptor location are presented in ***Table 11.26.*** *The predicted levels assume that the Hydrogen Plant is operating at maximum capacity. A noise contour map of the predicted noise levels is presented in* ***Figure 11,9/***

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		iru	LAeg.lh'-, dB
Mute IO		Ncxth ng	dBA
HH9	S26798	822416	21
HH10	529036	822007	21
honey	528806	822829	20
KH12	930271	622500	24
HH13	S2919S	82184S	21.
mi4	930041	821965	21
HH15	923839	822567	19
HH1S	528860	822820	19
HH17	529908	821739	21
HH18	520612	C2829	17
	S28512	822631	17
HHM	528437	822247	17
HK21	S26872	821600	17
HK22	528415	822856	18

11.27.4.5 Predicted Noise Levels

The predicted noise levels (L^to the nearest dBA) at each receptor location are presented in Table 11.26. The predicted levels assume that the Hydrogen Plant is operating at maximum capacity. A noise contour map of the predicted noise levels is presented in Figure 11.9.

Table 11.26: Predicted Noise levels from Hydrogen Plant Operating at Maximum Capacity

	BMI	iTM	LAeq.lhr, dB
House ID	EastIno	Northmo	dBA
HI	529794	822941	31
HH2	523380	823058	29
HH3	529986	822739	30
HH4	529326	823086	27
HH5	S29094	622968	24
HH6	528965	822881	22
HH7	529027	822993	23
HH8	530147	822646	27

Xne 2023

*11.27.4.6 **Road Traffic** 'Site Access* Road

*During operations, the maximum number of trucks to the Hydrogen Plant Site will be 26 per day which equates to 52 movements per day. Distributed over a 12-hour period (07.00- 19.00hrs) this equates to 4.3 movements per hour. The average movement is taken from 5 trucks per hour. There are two receptors within 150 m of the access road HH11 and **HH6.** HH6 is at 30 m to the access road while HH11 is at 14 m. HH11 is only 15 m from the N59 which has an average traffic flow of 215 veh/hr and at a location where access road trucking will generate very low levels of noise. The mean traffic flow at 15 m from the N59 would generate noise levels in the region of 60-65 dB LAeq 1hr.*

The field where HH6 is according to the map.

Save energy

It is a good thing that we are looking for new ways to create energy, because the world is safe in the midst of the big problem we are facing with climate change.

At the time already, however, I do not understand why we are not using I'on wool. The farmers do not get much money for wool. They have to shear the sheep every year, and at the moment, there is nothing in the tin to wash this wool.

wool can be used as attic insulation, wall insulation, as a bed cover, as a mat for the floor, and to make blankets. You can knit clothes, or weave wool.

Why are we dumping this great resource, in the middle of an energy crisis.

Why are we making rapid progress, towards new energy projects, about which we lack knowledge, instead of using the great resources we have.

In this rapid progress, are we taking proper care of the environment, the fish,, and the small animals that are innocent?

I do not agree with this project because of the scale, the volume of water that would be removed from the aquifer. There are other ways we can use, which would be more suitable for this area.

In the following sheets, there are 6 sheep's fleeces, one that has not been washed, and another that has. On the next page, there is a cloth I made from the wool, after the wool I spun.

Respectfully yours,

Aileen Ni Dhuinneachair, Bn Mhic Ghabhainn.

Caraun,
Corballa,
Via Ballina,
Co, Sligo.

I am requesting an oral hearing from the board