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Planning Reference: 324113
Project Name: Cashla Peaker Power Plant Athenry

To whom it may concern,

I am writing today in opposition to the proposed planning sought for the Cashla Peaker Plant (Planning Reference: 324113). The reasoning behind this opposition are as follows:

1. Proximity of proposed site to Athenry town and surrounding community: as established in the planning documentation the proposed site is located 3.5km from Athenry. The decision to choose this site was based on “The proposed site for the Cashla Peaker Plant was selected primarily based on its proximity to the existing Gas Networks Ireland gas transmission line, the existing Cashla 220kV substation, and the availability of a suitable area of land” (Secion 1.2 of Cashla Peaker Plant - Consultation Report)the alternative sites included in the Environmental Impact Assessment Report (EIAR). The proximity to the town includes very close proximity to a large number of creches, primary schools, secondary schools and sports facilities.
2. The environmental impact: It is a known fact that there is a detrimental environmental impact caused by the burning of fossil fuels.
3. Health Risks Associated with Peaker Plants; (Jourdain, J., 2022.) - as demonstrated in this paper, “These plants being located in residential areas contributes to higher rates of respiratory illness within these areas”
4. Exceeding ‘expected hourly usage’: it has been previously demonstrated that Peaker Plants in Ireland originally expected to be used for 100 hours a year, but then went on to far exceed this. (Refer to Fig 1 to Fig 3)


References below are references and additional materials.

Yours sincerely,
Chloe Leahy

References:

- Jourdain, J., 2022. The Impact of Peaker Plants on New York City Residents. *New York: City College of New York.* - <https://files.commonscs.cuny.edu/wp-content/blogs.dir/21083/files/2022/05/Revised-Tech-Memo-First-Draft.docx.pdf>

Fig 1: Example Peaker Plant sites being used in excess of 100 hours:

 **ATHENRY**
Peaker Plant
Concern Group

Two examples of other Gas Peaker Plants which were expected to be used for 100 hours a year

1. Tawnaghmore Power Station, Co. Mayo 104MW OCGT
2. Rhode Power Station, Co. Offaly 2 x 52MW OCGT

Fig 2: Hourly usage per year of Tawnaghmore Power Station, Co Mayo

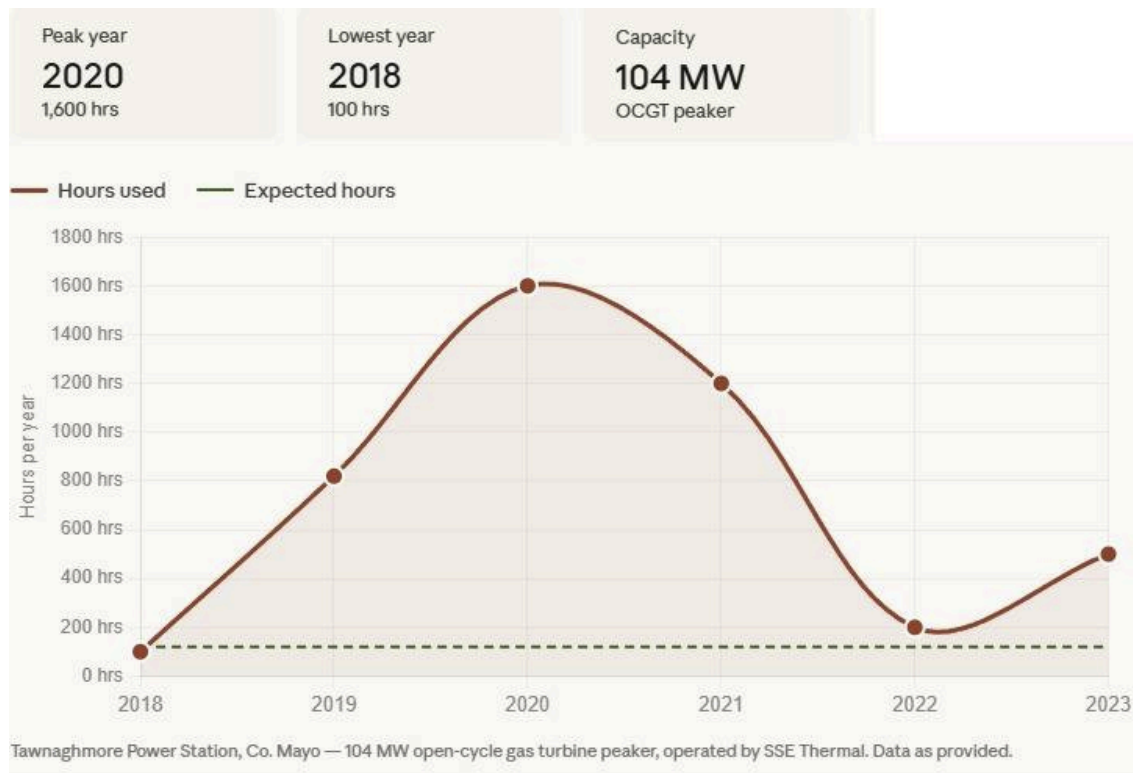


Fig 3: Hourly usage per year of Rhode Power Station, Co Offaly

