

From: [REDACTED]
To: [Wylfa Newydd](#)
Cc: [REDACTED]
Subject: Response to question 17.8.4
Date: 15 April 2019 23:55:36

I note with great interest the response by the developer to your question number 17.8.4

You had asked:

- a) What is the capacity of the existing grid connection?
- b) Would it be available to the Wylfa Newydd Project?
- c) At what point would a new grid connection be required in the lifetime of the project and can the applicant update in track changes the grid connection statement [APP-403]?
- d) In the light of recent developments please provide an updated Statement of Common of Ground with National Grid [REP6-043].

I believe the answers to some of these points are available in the DCO documentation for the North Wales Connection (NWC) project which, as you know, was withdrawn on February 20th

On point (a), can I draw your attention to National Grid document EN020015 - 001038 - 9.7.7. Historic Need Case (2016) Table 3.1, which shows that the existing connection across Anglesey has a summer capacity of 4.44 GW (and will have a greater capacity in winter)

The developer, in their response to you, quotes a figure of 1.8 GW for the Wylfa - Pentir line. This is not the capacity of the line but the current level of the "infeed loss risk" in the National Electricity Transmission System Security and Quality of Supply Standards (NETS SQSS). It is understandable why this figure is quoted, and can be seen as a system imposed capacity restriction, however this figure is periodically revised, and historically has always increased, so may well be higher by the time the grid connection is required.

The developer quotes a figure of 1.4 GW for the Pentir - Deeside line. This section of the national grid was not, I understand, identified as having a capacity constraint by the NWC project and no work was planned in the application submitted to yourselves. It also omits the Pentir - Trawsfynydd - Deeside line (see Figure 3.1 in the same document) which currently has a summer capacity of 2.22 GW.

I am sure National Grid will be able to provide a fuller explanation.

On point (b), the only other generator on Anglesey feeding the 400kV system is the planned biomass power station at Holyhead with a capacity of 299 MW, leaving 4.1 GW summer capacity for Wylfa Newydd.

On point (c), other than the connection of the power station to the Wylfa substation, and presumably some modifications to the substation, this grid connection is available now. The position regarding the "infeed loss risk" (currently 1.8 GW) could only be determined using the actual value in force at the time the connection was required. It is somewhat of a hypothetical question at the moment given there is no planned "first power" date and an unknown future level of "infeed loss risk".

On point (d) I agree with you that the Statement of Common Ground requires updating and find the developers response to you to be bordering on rude and arrogant. I feel the topics discussed here would be better placed in an examination of the connection, but given that National Grid have withdrawn their application, this cannot now happen. I believe it would be an abuse of the process if the former proposals became "hard wired" in to the power station consent.

Many thanks
Jonathan

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Dr Jonathan F Dean

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