From: [redacted]
To: Aquind Interconnector
Subject: Aquind Sea cable from France to Portsmouth.
Date: 07 October 2020 20:23:01

Dear Sir/Madam,

Ref: aquind@planninginspectorate.gov.uk

As you will be aware there is a lot of Portsmouth residents very unhappy because of all the problems that they will have to put up with, disruption of main roads, damage to open spaces, compulsory purchase of land, if the proposed plan goes forward through Planning. I could not see all the plans for the rest of the route to Lovedean Substation NGC and SSE. However the A27 and A3m was mentioned with traffic management which will cause chaos.

I do not believe this project is sustainable, 75% of France electricity is generated by nuclear power, this does not meet our green credentials, when you consider that a levy will have to be paid for decommissioning, it was said that we would get cheaper electricity, I do not believe this, when you take into account the levy we would have to pay in the end. My understanding is that this is a two way scheme, so that if France requires power such as breakdown of their power stations, we will supply their needs. France is committed to reducing its nuclear power to 50%.

The UK needs to be in control of its assets, NGC & SSE use SCADA to control these, but if the contract states we supply even if we don't have surplus, then we may have a Black start situation.

The plans, a high voltage DC (direct current) undersea cable will come from France to Portsmouth coming ashore at Eastney WHY ? Then a lot of burying of cables to Farlington WHY?
It is true however that with Black start, which has been around for a long time now, we do need to build more Solar power sub stations and more wind power sub stations, that our prime minister has promised to build which was great news.
Suggestions : SSE have two 132kv substations Havant Grid substation and Lovedean substation. Could the HV DC sea cable with modern advancement of drilling technology come from France and be buried through Langstone harbour and come ashore (a) at Farlington as proposed.
Suggestions : SSE have two 132kv substations Havant Grid substation and Lovedean substation. Could the HV DC sea cable with modern advancement of drilling technology come from France and be buried through Langstone harbour and come ashore (b) at Havant Grid. Where there is room next door for the change of sea cable to land cable and ducting.
Using Aquind statement below the convertor station needs to be next to Lovedean 400kv Substation.
The Converter Station needs to be located as close as possible to the substation in order to minimise the length of AC cable used as part of the Interconnector. This is because AC cables take up a much wider corridor of land when compared to DC cables. Therefore, in order to reduce the impacts of the proposals, it is favourable to maximise the use of DC cables

1. **France can't meet its own power demand** | Energy Transition