



8/10/24

Dear Amy,

Re: Loch Duart Ltd Manta Deployment - Marine Renewable Energy Projects in the Territorial Sea and UK licence application

Further to your email dated 2/10/24, please find additional information as requested.

- **Device**
The wave energy converter can be defined as a point absorber. This particular unit is called MANTA 4 - the 4 denoting the machine wing area. The capacity of installed generation is 4.6kW.
- **Installation Time**
We anticipate no longer than a day. There are two main operations. Firstly install the float on site. This involves hooking up 4 mooring lines to the grids monkey plates. The second operation is the lift, lower, and slide into place of the MANTA device. It may be that the float takes half a day, which may than mean the MANTA is actually deployed the following day.
- **Generation Scheme**
Power generated by this MANTA will be immediately dumped on site via large power resistors. The power dumped is monitored and provides a real world indication of the power availability using waves at a realistic salmon farm. This data will then be used to inform the deployment of MANTA devices on salmon farms, alongside the hybrid systems. There will be no cables exiting this device. The system is self contained.

If additional information is required, or if you would like to discuss this further, please contact me directly.

Yours Sincerely

[Redacted]

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