



20 January 2023

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Dear Mrs Morrison

Electricity Act 1989 (as amended)

The Electricity (Applications for Consent) Regulations 1990 (as amended)

The Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017 (as amended)

Marine and Coastal Access Act (MCAA) 2009

Marine (Scotland) Act 2010

The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended)

The Marine Works (Environmental Impact Assessment) (Scotland) Regulations 2017 (as amended)

Green Volt Offshore Windfarm: Application for Section 36 Consent and Marine Licences

Green Volt Offshore Windfarm Limited (OWL) hereby submits an application for consent under Section 36 of Electricity Act 1989 for the construction and operation of an offshore generating station (the Green Volt Offshore Wind Farm).

Green Volt OWL (the Applicant) has been formed by Flotation Energy Ltd (Flotation Energy) and Vårgrønn AS (Vårgrønn), the developers of the Green Volt Offshore Windfarm. Flotation Energy is an offshore wind development company, headquartered in Edinburgh, UK. Founded in 2018, the company is pioneering the deployment of both floating and fixed offshore wind in Scotland, the UK and Internationally. Vårgrønn is a growing agile offshore wind company and established as a joint venture between Italian energy major Eni Plenitude and the Norwegian private equity manager and offshore energy serial entrepreneur HitecVision.

Four Marine Licence applications are also being submitted either under Part 4 (Section 20) of the Marine (Scotland) Act 2010 or the Marine and Coastal Act (MCAA) 2009, for the deposit of substances and objects and the construction, alteration, or improvement of works within the Scottish Marine Area in relation to the Green Volt Offshore Windfarm. This includes:

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- A Marine Licence application for the Offshore Wind Farm (floating Wind Turbine Generators (WTGs), Offshore Substation Platform (OSP) and OSP foundations (fixed), inter-array cables, and associated scour and protection as required) under the Marine and Coastal Act (MCAA) 2009
- A Marine Licence application for the Buzzard offshore export cable from the Offshore Wind Farm site under MCAA 2009
- A Marine Licence application for the offshore export cable from landfall to 12 nm under the Marine (Scotland) Act 2010
- A Marine Licence application for the offshore export cable from 12 nm to the Offshore Wind Farm site under the MCAA 2009.

A declaration under Section 36A of the Electricity Act 1989 to extinguish public rights of navigation so far as they pass through those places within the Scottish Marine Area where the floating turbines will be located (and not the areas of sea between those structures) is also being made.

The Green Volt Offshore Wind Farm is located approximately 80 km off the Aberdeenshire coast, in the Outer Moray Firth. The Section 36 application specifically requests consent for the construction, operation and maintenance of the offshore components of the Green Volt Offshore Wind Farm, including:

- Up to 35 offshore WTGs;
- Up to 35 floating substructures;
- Up to six mooring lines for each floating substructure;
- Up to six anchors for each floating substructure;
- One Offshore Substation Platform (OSP);
- OSP foundation including steel lattice jacket towers with pin piles or suction caissons;
- Up to 35 inter-array cables and 7 strings (134 km in total);
- Up to four export cables (276 km in total);
- Associated scour and cable protection, if required.

The range of parameters of the proposed wind turbines are:

- Single WTG capacity: 14 MW to 16 MW
- Number of blades: 3
- Blade tip clearance: 22 m above Mean High Water Spring
- Rotor hub height: 132 m to 143 m
- Rotor tip height: 242 m to 264 m above Lowest Astronomical Tide
- Rotor diameter: 220 m to 242 m
- Spacing between WTGs: 1,540 m to 1,936 m.

The operational life of the Green Volt Offshore Wind Farm is 35 years.

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The onshore components of the Green Volt Offshore Windfarm (above mean low water springs) will be subject to a separate application to the Aberdeenshire Council under the Town and Country Planning (Scotland) Act 1997 (as amended).

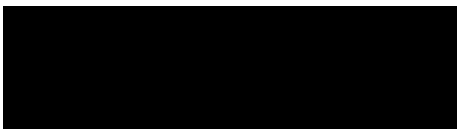
The documentation submitted, together comprising the application, consists of:

- This cover letter to the Section 36 Consent Application;
- Marine Licence form for the Green Volt Offshore Wind Farm (floating WTGs and substructures, OSP, inter-array cabling and scour and cable protection as required), including supporting maps and coordinates;
- Marine Licence form for the offshore transmission works from landfall to 12 nm (two offshore export cables and cable protection as required), including supporting maps and coordinates;
- Marine Licence form for the offshore transmission works from 12 nm to the Offshore Wind Farm site (two offshore export cables and cable protection as required), including supporting maps and coordinates;
- Marine Licence form for the offshore transmission works from the Offshore Wind Farm site to Buzzard (two offshore export cables and cable protection as required), including supporting maps and coordinates;
- Environmental Impact Assessment Report (EIAR), comprising:
 - Non-Technical Summary
 - Volume 1: Main EIA Report
 - Volume 2: Technical Appendices, with Pre-Application Consultation (PAC) report in Appendix 6.2.
- Offshore Report to Inform Appropriate Assessment (RIAA) with Appendices

We understand that application fees will be calculated based on the information contained in the application and an invoice will be issued for payment. Notice of this application will be placed in the Scotsman, the Edinburgh Gazette, the Buchanie, the Press and Journal, Lloyd's List and the Fishing News Bulletin and any other newspaper deemed relevant and on dates agreed with the Marine Scotland Licensing Operations Team. A copy of the application and the documents enclosed will be made available at: greenvoltoffshorewind.com.

Green Volt OWL look forward to hearing from you in relation to these applications.

Yours sincerely,



Dr Alexander Quayle
Project Director

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