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MALONE O'REGAN ENVIRONMENTAL

30th May 2025

The Secretary,

An Bord Pleanála,
64 Marlborough Street
Dublin 1

MOR Ref: E2238

RE: Application to An Bord Pleanála for Strategic Infrastructure Development ('SID') consent for a proposed 110kV electrical substation with customer and EirGrid compounds and 110kV underground grid connection on a site of ca. 1.7 hectares at Friarstown, Co, Carlow

Dear Sir or Madam,

On behalf of Prt Solar Ltd. and further to a determination by An Bord Pleanála ('ABP') on 6th February 2025, confirming the proposed development constitutes Strategic Infrastructure Development ('SID') pursuant to Section 182A of the Planning and Development Act 2000 (as amended), we hereby submit this planning application in respect of a 110kV electrical substation and associated 110kV underground grid connection, cabling and associated works required to connect a Solar Farm and BESS Development (permitted under Carlow County Council Reg. Ref: 23/60297; which amended previous permission Reg. Ref: 21/23 and ABP-309987-21) to the existing Kellistown 220kV substation.

The proposed 110kV electrical substation will be located in Friarstown, on a site of ca.1.7ha.

The 110kV underground cabling ('UGC') is proposed from the substation in Friarstown townland to Kellistown 220kV substation in Kellistown East townland through the townlands of Friarstown, Grangeford Old, Grangeford, Moanalow, Glenoge, Rathnashannagh, Inchisland Or Moatalusha, Rathtoe, Kellistown East, Ballycurragh and Kellistown West. The UGC will be circa ('ca.') 8km in length, primarily along public roads with a small area in private lands.

Two hard copies of the documents listed below have been sent to the Chief Executive of Carlow County Council and have been uploaded to the Online Planning Portal. Two hard and eight electronic copies are enclosed herewith for ABP, as requested.

Website

The application website address is www.moanalow110substation.ie.

Background

The Proposed Development will be critical infrastructure that will be intrinsically linked to both permitted and planned renewable energy projects, comprising both solar and battery energy storage developments. These renewable energy projects will not be able to function as standalone developments as they will be reliant on connections to the Proposed Development in order to connect to the national grid.

It is anticipated that, subject to the grant of application, the proposed 110kV substation will be developed in lieu of the previously permitted 38kV substation granted by Carlow County Council (Planning Ref: 2360297), which amended the previous permission Reg. Ref: 21/23 and ABP-309987-21). The Proposed Development will connect the renewable energy project to the existing Kellistown 220kV substation. It is envisioned that the Proposed Development will be constructed in conjunction with the Permitted Solar Development.

Site Access

Site access can be arranged for the ABP Inspector by contacting Fernanda Ayala of Prt Solar Ltd on 086 199 3235.

Documents

The following documentation accompanies this application:

- Completed Application Form for Permission Approval in respect of a SID;
- Site notice;
- Newspaper notice;
- Letter from the Applicant confirming Statutory Undertaker status, authorised to carry out works for the supply of electricity under the public road;
- Letter of consent from the landowner;
- Planning Application Notification Letter to Carlow County Council;
- Sample Notification Letter sent to the prescribed bodies;
- Planning Application Drawings (see Schedules of Drawings attached to Planning Application Form);
- Natura Impact Statement;
- Environmental Report Vol.1;
- Environmental Report – Appendices Vol.2;
- Decommissioning Plan;
- Preliminary Construction Environmental Management Plan; and,
- Construction Traffic Management Plan.

Appropriate Planning Application Fee

Total: €100,000

Paid 20 Feb 2025 to ABP

Reference No: 531473L003WX

If you have any further queries, please do not hesitate to contact the undersigned.

Yours faithfully,

for Malone O'Regan Environmental

Kathryn Broderick