BATTERY ELECTRICITY STORAGE Facility,

PLEASANCE ROAD, COUPAR ANGUS

Coronation Power Limited (CPL) is proposing to develop a battery electricity storage facility adjacent to the Coupar Angus substation to provide grid balancing services to the electricity network. There is a national requirement to balance the peaks and troughs associated with electricity supply and demand to avoid strains on transmission and distribution networks and to keep the electricity system stable. The Development is designed to support the flexible operation of the National Grid alongside the decarbonisation of electricity supply by facilitating more intermittent renewable energy on the network.

An extensive site selection process was undertaken in order to identify appropriate development sites. The Development has been strategically sited adjacent to the substation for an efficient connection and to minimise disturbance and costs. The substation is capable of accommodating the transfer of electricity to and from the Development at an acceptable cost thereby providing valuable support to the grid and protecting local customers at times when high demand places stress on the local and wider electricity network.

CPL has considered a range of potential development sites across Scotland, targeting developments on land in close proximity to grid supply points with adequate import and export capacities that can accommodate battery storage developments. A site search exercise was undertaken for potential development sites adjacent to 147 substations in Scotland. A range of designations (e.g. landscape designations, heritage assets etc.) and environmental constraints (e.g. separation from residential properties, watercourses etc.), were applied to the search to filter those with potential for development. This resulted in a total of 46 potential development sites across Scotland. Within Perth and Kinross a total of 7 substation locations were reviewed for potential however constraints meant that the only site to be progressed was at Coupar Angus. When an interested landowner was confirmed, then preliminary grid connection enquiries were submitted. There is capacity to connect to the grid and a formal grid connection offer has been received.

The total footprint of the fenced compound is 0.6 ha. This will house battery storage containers (15 No.), inverters and transformers on skids (15 No.), a DNO switchroom, a client switchgear container, an electrical grid compound, welfare and storage facilities. Landscaping proposals will also be submitted, providing planting and screening of views particularly from the north, northeast and east. The final proposals will be informed by a number of environmental assessments including ecology, flood risk and noise. The Development will be designed such that there are no unacceptable effects on the environment and a review of planning policy has found the Development to be both in compliance with and supported by the Development Plan and relevant material considerations.