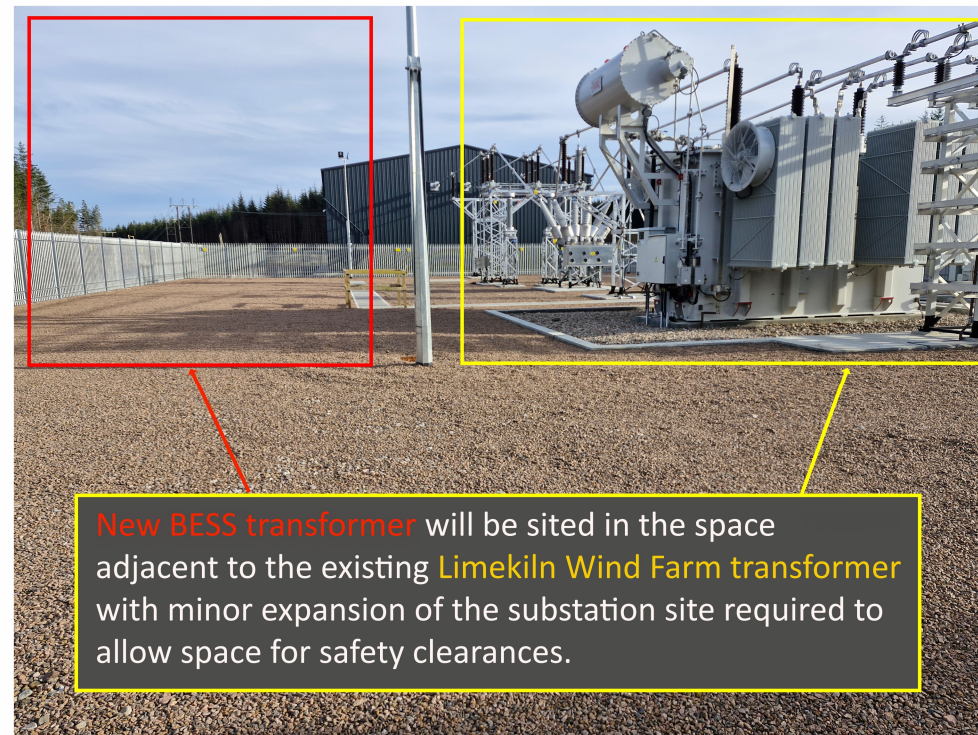


GRID AND INFRASTRUCTURE



Infrastructure

It is anticipated that the BESS compound area will be approximately 1.5 hectares, and the Substation extension will be approximately 0.5 hectares to accommodate another transformer for the BESS project.

The main part of the facility is likely to consist of up to 90 battery storage units housed in containers, installed in rows. Each container will be approximately 6 m long, 2.4 m wide and 2.9 m high and likely to be dark green in colour. There will be Power Conversion Systems (PCS) and transformers serving each set of two containers. Fire detection and suppression systems and water storage tanks will also be installed within the facility.

The BESS will connect into the substation extension via an underground cable. There is spare capacity on the existing overhead line to Limekiln Windfarm that the windfarm does not use. The BESS project is designed to utilise this spare capacity, thus ensuring that there are no infrastructure works required from SSEN to connect the BESS project.

Construction and Site Access

The potential effects of construction traffic will be assessed throughout the design and Environmental Report process in consultation with The Highland Council (THC) and Transport Scotland. Impacts will be minimised as much as possible. Further details around the planned route to site and expected traffic movements will be provided in the planning application.

It is anticipated that the route to Site will be the same used for Limekiln Wind Farm, whereby any Abnormal Load Vehicles will arrive by sea, exit the port of Scrabster and head west on the A836 to the Limekiln Wind Farm entrance. Any other materials and components will be imported by road, and it is anticipated that the majority of these will approach from the south via the A9 and A836.

Access into the Site will be taken from the A836 and use the existing wind farm tracks meaning no new tracks will be required for the Proposed Development, minimising impact to undisturbed land.

Should Limekiln BESS be consented, construction would not be expected to commence until approximately Summer 2027.