

Construction

CONSTRUCTING THE CONVERTER STATION

The construction of the converter station will include the following stages:

- ❑ **Preliminary Works:** fencing area, archaeological trenches and ground investigation works.
- ❑ **Site Preparation:** vegetation clearance, resurfacing of the access road and set up of temporary construction facilities.
- ❑ **Earthworks & Primary Landscaping:** creating the platform area and forming the landscaping, priority given to north and west landscaping to help screen residents from construction noise.
- ❑ **Building Construction:** including service connections.
- ❑ **Component Installation:** delivery and installation of the equipment.
- ❑ **Testing and Commissioning:** to ensure it all works appropriately.
- ❑ **Removal of Construction Compound:** removing of temporary facilities and final landscaping works.

CONSTRUCTION TRAFFIC

The landscaping has been designed to achieve a 'cut and fill' balance to avoid the need to bring or remove large volumes of material from the site during the earthworks, thereby minimising traffic impacts.

During the construction period a range of vehicles will be accessing the site including heavy good vehicles such as flatbed trucks delivering plant and equipment, concrete and aggregates lorries, specialist equipment such as heavy lift cranes, as well as smaller cars and vans associated with construction staff movement.

Access to the site for construction materials will be via the existing quarry access road from the A90. The road entrance from the A90 will be temporarily widened to facilitate large loads. The quarry road will be resurfaced and a new culvert installed to gain access to the Fourfields site. The same route onto site will be utilised for operational and maintenance purposes.

WIDE LOADS

The delivery of large components of the project (converters and large/bulk construction materials) by sea into Peterhead, will be brought south down the A90 to the improved quarry junction and taken the short distance to the site. A handful of very large components may require the road to be temporarily shut. These movements will be carried out during the night to minimise traffic impacts.

