



General new track construction



## Overhead Line (OHL) Update June 2021 Overview of the works

As part of the Dalchork Substation development, there is a requirement to provide a new 132kV transmission line from Dalchork substation development to the existing Loch Buidhe substation, near Bonar Bridge.

### Access Point 3A

Migdale Road near Bonar Bridge

### Access Point 3B-A836

at Achinduich

### Access Point 4A-A839

Rogart Road

### Access Point 6-A836

Dalchork Wood

## Progress update:

<b>Access Point 3A</b>	Completed with ongoing maintenance being carried out in this section.
<b>Access Point 3B</b>	A836 the main haul road has now been completed to the site compound with ongoing maintenance and further progress to Tower 32-33 near the wind generation site.
<b>Access Point 4A</b>	A839 Slow progress at other locations and restrictions has delayed works starting in this area with expectation of works starting soon.
<b>Access Point 6 (Dalchork)</b>	A836 Some good progress has been made at this location with spur roads and pads being completed to allow access to Tower locations.

## Planned works 2nd quarter of 2021 (end of June 2021):

### Access Point 3A

- Ongoing installation of foundations in this section Towers 1-19, some erecting of steel lattice towers has already taken place with 4 already being installed with some further towers expected in June/July.
- Anticipated deliveries – Aggregate, Reinforcement, Concrete, Trackway, Low-loaders for plant movements, fuel, Tower steel, Conductor drums. Route to site will be via the Migdal road, Bonar Bridge. The anticipated maximum HVG movements - 14no HGV deliveries per day (one way).

### Access Point 3B

- Continued installation of main haul road. Good progress has been made with the road access installation toward Rogart road, access installation teams have already crossed the wind generation access track with expected progression in the months ahead.
- Anticipated deliveries – Aggregate, Reinforcement, Concrete, Trackway, Low-loaders for plant movements, fuel, Tower steel, Conductor drums. Route to site will be via the A836 to Auchinduich. The Anticipated maximum HVG movements 20no HGV deliveries per day (one way).

### Access Point 4A

- Little progress at this location, but some works are expected to start, spur roads, and pads and foundation installation are expected to commence June/July.
- Anticipated deliveries – Aggregate, Reinforcement, Concrete, Trackway, Low-loaders for plant movements, fuel, Tower steel, Conductor drums. Route to site will be via the A836 on to A839 (Rogart Road). The anticipated maximum HVG movements - 20no HGV deliveries per day (one way).

### Access Point 6

- Continued installation of main haul rd sprurs and pads from Dalchork to Saval with initial restrictions now lifted good progress is expected going forward.
- Anticipated deliveries – Aggregate, Reinforcement, Concrete, Trackway, Low-loaders for plant movements, fuel, Tower steel, Conductor drums. Route to site will be via the A836 to Dalchork. The anticipated maximum HVG movements - 15no HGV deliveries per day (one way).

### Existing CS line upgrade

- The project has commenced upgrade works on the CS line between CS80 (Dalchork) to CS01 (Overscraig A838) Cassley Substation. The works involved changing the top earth wire to OPWG. The works are planned to be completed by approximately 30th of July 2021.
- The works will include delivery of plant and materials including access tracks panels, OPWG wire and associated plant/materials to complete the activities.

## Loch Buidhe Remote End Works Update - June 2021

Good progress within the period after some challenging rain fall in early May.

### Loch Buidhe Substation works update

- Continued to install the HV ducts for 2no cable circuits.
- Commenced installation of feeder bay foundations and associated underground services.
- Commenced cable sealing foundations at CSE compound.
- Delivery of HV equipment and structures within the period.

### Planned upcoming works until August 2021

- Continue with installation of HV ducting.
- Continue installing feeder bay foundations.
- Install equipment structures.
- Install HV electrical equipment.
- Delivery of multicore cabling.
- Delivery of HV cable drums.
- Delivery of protection and control panels and kiosks.
- Commence installation of cabling both HV cable and multicore cabling.
- Public road installation of ducting – road closure 28th of June for 2 days, road will be open outside working hours.
- Main deliveries expected until end of August 2021 is noted below. The project anticipates a maximum of 10no HGV deliveries to Loch Buidhe substation per day (one way). Deliveries will continue to use the A836 to access Loch Buidhe Substation via Migdale road, Bonar Bridge.
- Aggregate from Breedon's – Inverness.
- Aggregates from Pat Munro - Dornoch.
- Concrete Pat Munro – Alness/Dornoch.
- Remaining HV Electrical kit & Electrical Panels – Central Belt.
- Control cabling - Central Belt.
- HV cabling 12no drums and associated crane for offloading.
- Bitmac – Pat Munro – Alness.



## Dalchork Substation Development Update June 2021



General overview of the works on the Dalchork Substation Platform

### The progress within the period includes the following activities:

- Overall substantial progress within the 8-week period, a lot of the HV structures and Equipment has been delivered and installed.
- Commenced forming roads on platform.
- Commenced erecting security perimeter palisade fencing.
- Continued to up fill of platform to sub-base level.
- Continue to install platform underground service routes.
- Completed installation of structures and HV equipment.
- Commenced installation of internal walls and commence electrical install in Control Building.

### Planned upcoming works until August 2021

- Continued with Builders works in Control Building.
- Continued with domestic electrical fit out of Control Building.
- Commence Heating and Ventilation fit out of Control Building.
- Take delivery of Electrical panels.
- Take delivery of HV Electrical equipment.
- Commence installation of Protection and Control panels and associated wiring works.
- Continue with installation of site underground service routes – electrical cable/drainage/water.
- Continue with installation of control cables on the platform.
- Install main power supply planned – note local network outage on 1st of July 2021.
- Surfacing works on access road from A836 toward Substation platform back shift starting on the 21st of June – contractor will be doing a letter drop to advise locals of works.
- Main deliveries expected until end of August 2021 is noted below. The project anticipates a maximum of 10no HGV deliveries to Dalchork substation per day (one way). Deliveries will continue to use the A836 to access Dalchork Substation.
- Aggregate from Breedons – Ullapool.
- Concrete Pat Munro – Alness/ Dornoch.
- Remaining HV Electrical kit & Electrical Panels – Central Belt.
- Remaining control cabling - Central Belt.
- Bitmac – Pat Munro – Alness.
- Gantries structures – East Lothian.

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