

Newsletter

August - September 2021



General new track construction



Overhead Line (OHL) Update August 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:

Access Point 3A	Completed with ongoing maintenance being carried out in this section.
Access Point 3B	Ongoing installation / maintenance of access track with further progress to Tower 40-41 toward Tomich.
Access Point 4A	Some Access installation / maintenance works taking place at this location to allow further piling operations and foundation installation.
Access Point 6 (Dalchork)	Access to Tower locations now complete with Pile cap installations expected Aug – Sept, some log removal works are also expected at the end of August / beginning of September.

Planned works 2nd quarter of 2021 (end of August 2021):

Access Point 3A

- Installation of foundations in this section Towers 1-19 is almost complete, some erecting of steel lattice towers has already taken place with 15 have been installed with some further towers expected in August to September.
- Anticipated Continued deliveries in the coming months – 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

- Ongoing installation of main haul road, access installation teams have reached towers 40-41 (near Tomich) with expected progression in the months ahead.
- Continued 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 are still 20no HGV deliveries per day (one way).

Access Point 4A

- Some works have started at this location, spur roads/pads and foundation installation commenced and will continued throughout August to September.
- Continued 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 Rd). The anticipated maximum HVG movements are still - 20no HGV deliveries per day (one way).

Access Point 6

- Installation of main haul rd sprurs and pads from Dalchork to Saval now completed with Pile cap installation expected August to September, Some timber extraction expected late August to early September.
- Continued 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 still - 15no HGV deliveries per day (one way).

Existing CS line upgrade

- CS line between CS80 (Dalchork) to CS01 (Overscraig A838) Cassley Substation now almost completed with only a small section to be completed due to bird restrictions in the area, possibly late 2021.

Loch Buidhe Remote End Works Update - August 2021

Loch Buidhe Substation works update

- The HV ducts for 2no cable circuits have now been installed.
- Both feeder bays have progressed well in preparation for the outage. This includes foundation works, installation of HV plant and wiring of HV plant.
- All structures and the tower in the CSE compound have been installed.
- Installation of jointing bay for HV cable.
- Wiring of protection and control equipment.

Planned upcoming works until October 2021:

- Delivery of 2 remaining HV cable drums.
- Delivery of protection and control panels.
- Commence installation of cabling both HV cable and Multicore cabling.
- Cable testing.
- Palisade fencing around CSE compound.
- Outages for installation of HV plant in feeder bays.

Main Deliveries expected until end of October 2021 are 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.
- Scaffold – Invergordon.
- Remaining HV Electrical kit & Electrical Panels – Central Belt.
- Control cabling – Central Belt.
- HV cabling 2no drums and associated crane for offloading.
- Bitmac – Pat Munro – Alness.



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Dalchork Substation Development Update August 2021



General overview of the works on the Dalchork Substation Platform

The progress within the period includes the following activities:

- Strong progress has been made on the substation in the period.
- Roads have been tarred.
- The security perimeter palisade fencing is installed and complete.
- The platform level is complete, it now has a uniform covering of chippings.
- The installation of gantries has commenced.
- The control building has seen significant work recently. These works include internal domestic fit out, heating and ventilation, installation of protection and control panels and installation of communication panels.
- Wiring of protection and control panels has commenced.
- Connection to the distribution grid for mains power complete.

Planned upcoming works until August 2021

- Take delivery of remaining Electrical panels.
- Continue wiring of protection and control equipment.
- Commissioning of LVAC panel, allowing mains power to the control building.
- Continue with installation of control cables on the platform.
- Main Deliveries expected until end of August 2021 is noted below. The project anticipates a maximum of 5no HGV deliveries to Dalchork substation per day (one way). Deliveries will continue to use the A836 to access Dalchork Substation.
- Remaining HV Electrical kit & Electrical Panels – Central Belt.
- Remaining control cabling - Central Belt.

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