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Alyth substation progress

In the last quarter, we have continued to make excellent progress. After completing construction of our GIS (Gas Insulated Switchgear) hall last quarter, we have now received the critical elements of the GIS equipment within the hall, and after entering "cleanroom conditions" in September, installation has now commenced.

In October, the DNO (Distribution Network Owner) transformer was installed, this will ultimately provide the LV (lower voltage) power supply required to operate the substation.

We have also continued to make significant progress with the installation of the final structure foundations. All critical foundations are now in place, allowing us to progress with the installation of the above-ground aluminium structures that will support the AIS (Air Insulated Switchgear) equipment.

Overall, works continue to proceed according to programme and we do not anticipate any issues with achieving the October 2023 completion date.

Upcoming activities

As we enter the final quarter of 2022, our focus remains primarily on the installation of the plant and equipment that will be connected to and housed within our Statcom and GIS buildings. With all critical elements of the GIS equipment now housed within the building, we can undertake the installation in a logical sequence.

Externally, we expect all of the above-ground aluminium structures to be in place, and the installation of the AIS equipment to be well underway, this will include installation of the majority of the circuit breakers, busbars and isolators. We also anticipate swift progress to be made on the installation of our GIB (Gas Insulated Busbar). Once operational, this GIB will be the final section of busbar that will provide the bridge between the outdoor AIS and the indoor GIS equipment.

We anticipate the vast majority of all civil works around the site will be completed in this quarter, including the construction of the internal access road network and all structure foundations.

Festive period

Site closure dates for the festive period will be:

23rd December 2022 – 4th January 2023

Although the site will be closed for all construction workers during this period, security will remain in place 7 days a week and 24 hours per day.

If you have any questions, please do not hesitate to contact the Community Liaison Manager:

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