



NEWSLETTER | SEPTEMBER 2026

NGĀWHĀ OEC5 PROJECT

Building the resilience and reliability of power supply in the Far North

Background

Ngāwhā Generation Limited (NGL) is commencing construction of the next geothermal power station at Ngāwhā, known as OEC5. This follows commissioning of the 32MW OEC4 station in 2020 and a period of monitoring to confirm the sustainability of the geothermal resource.

Project duration is approximately 3.5 years, culminating in an additional 32MW of electricity produced at Ngāwhā from early 2030, raising the total site capacity to 89MW.

The new station is to be built adjacent to the existing OEC4 and will share some of the existing infrastructure such as the reinjection wells and electricity transmission assets.

Project activities will occur on NGL's land on both sides of Ngāwhā Springs Road.



Scrub clearing August 2026.



Future south production platform August 2026.

Earthworks

United Civil Construction, from Whangārei, has been engaged to undertake the major civil works required for the project. It is currently clearing vegetation and establishing erosion and sediment control features at the work areas.

Between October 2026 and May 2027, two 1.5 Ha production well platforms are to be constructed on undulating land with an embankment for the future access road and pipelines between the north platform and power station. Several ponds to support well drilling operations and future stormwater management will also be constructed.

The earthworks will require trucks and heavy machinery to cross Ngāwhā Springs Road many times during the day. Traffic management procedures will be in place during the construction period.

Well Drilling

MB Century, from Taupō, is due to arrive on site in March 2027 to commence drilling the first of four new production wells. The MB Century team has extensive experience drilling geothermal wells in New Zealand. Two wells will be drilled from the south platform, then two from the north platform.

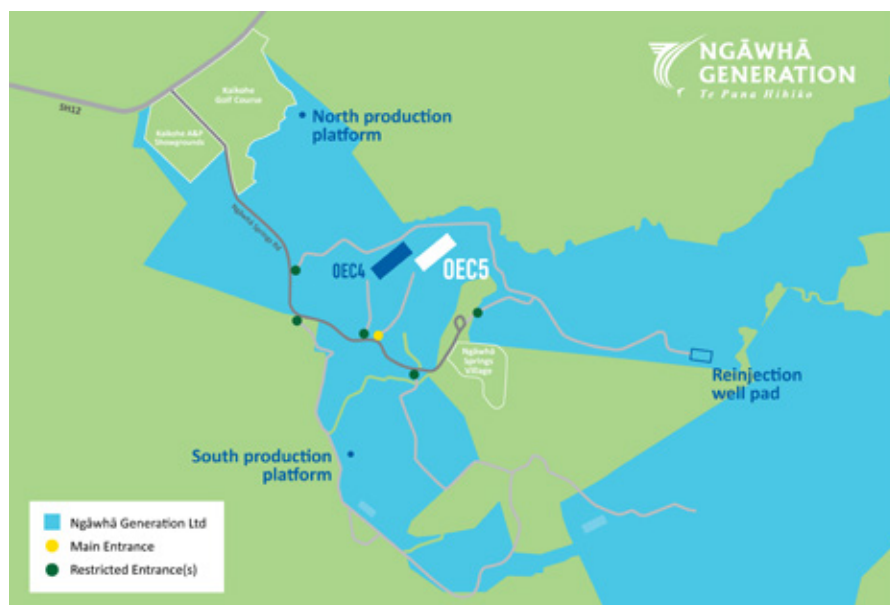
Drilling takes place on a 24/7 basis with each well expected to take approximately 35 days to drill.

Power Station and Pipeline Construction

The wells will be drilled and performance verified before NGL commits to construction of the new power station, including pipelines that convey the geothermal fluid between the wells and power station. That decision will be made in late 2027.



Drilling rig used for the OEC4 wells in 2018.



Site location of OEC5.

Site Safety and Access

Our primary focus is on safety – public safety around the project site and the safety of the personnel working on site.

The works on the project site create many hazards, so please do not enter the site for any reason unless you have permission to do so.

Please share this information with anyone who you think may be impacted by the works, or has an interest in the project.

PROJECT TIMELINE

