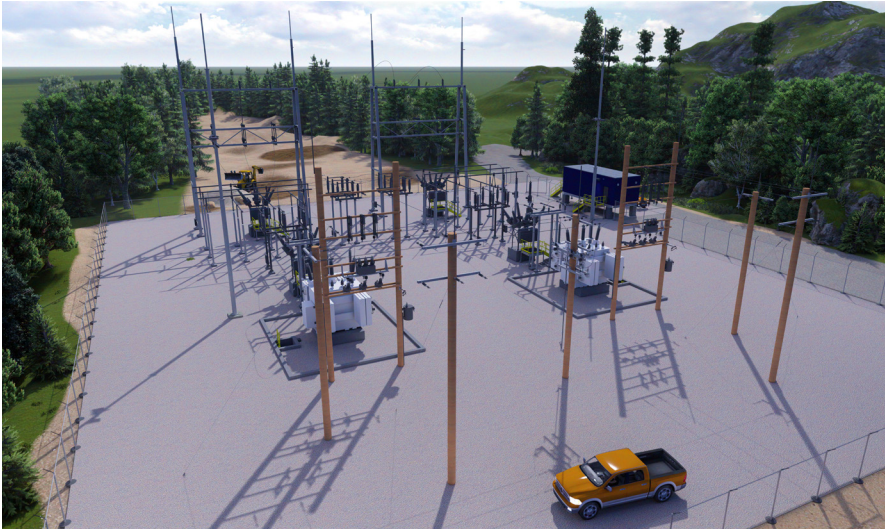


## TRANSFORMER STATION



### PROJECT SUMMARY

<b>Name</b>	Transformer Station
<b>Location</b>	Pikangikum, Ontario (100 km North of Red Lake)
<b>Client</b>	Wataynikaneyap Power
<b>Type</b>	Detailed Engineering & Design



### PROJECT DESCRIPTION

Nordmin Engineering worked closely with Wataynikaneyap Power to complete the detailed design for the 115/25 kV transformer station that will supply power to the community of Pikangikum First Nation.

Nordmin provided detailed electrical design, protection and control design and civil/structural design. Nordmin also provided the procurement specifications and construction drawings for the project.

Until now the community has been powered by a 40-year-old diesel generating station to meet their electricity needs. The transformer station, once constructed, will be connected to a newly built 99 km transmission line from Red Lake and will be operated at 44 kV for an interim period until the establishment of a permanent 115 kV connection to the Hydro One transmission system. This project is the first step of a multi-year project to connect 22 remote northern communities to the provincial electricity grid that presently rely on diesel power.

Construction is underway, and Nordmin is presently providing engineering support through to completion of commissioning. Initial energization of the station is expected in December 2018.

