The Pecors Power Generating Station Project

ACCESS ROAD

Access to the project site requires the construction of a permanent access road, extending a distance of approximately 1 km from the proposed powerhouse to the nearby existing road. A portion of this access road would run along the crest of eastern dike #1, to the east of the intake of the penstock(s).

INTERCONNECTION

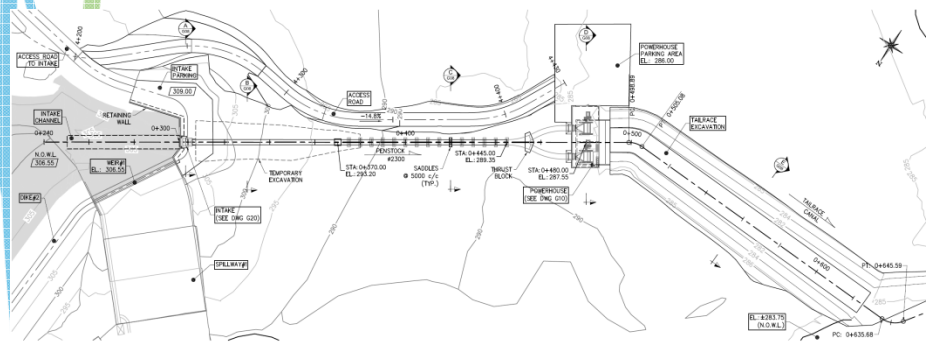
The facility would require a new 44 kV three-phase transmission line of approximately 14 km in length connecting to the Hydro One M3 feeder to the Elliot Lake Transmission Station. The transmission line will follow the same corridor as the access road, and will require a width of approximately 9 m to be cleared from the road's edge.

TAILRACE

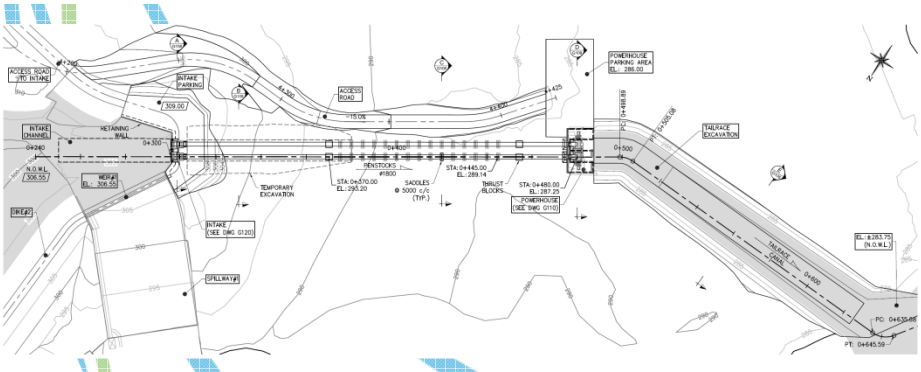
An open tailrace canal of an approximate length of 130 m will return the outflow from the powerhouse to a point approximately 260 m upstream of Pecors Lake.

CONVEYANCE STRUCTURES

One or two 180-m long penstocks will divert water from the headpond towards the powerhouse by way of automated systems and controls. Due to the naturally uneven topography along the footprint of the penstock(s), the penstock(s) will be buried along a portion of its length and will be above-ground for the remainder of its length.



OPTION 1:
ONE PENSTOCK



OPTION 2:
TWO PENSTOCKS
(Preferred option)