The Pecors Power Generating Station Project

THE PROPOSAL

The proposed Pecors Power project involves the creation of a 2 MW waterpower facility on the Serpent River, between Pecors Lake and Whiskey Lake, approximately 16 km east of the downtown core of the City of Elliot Lake, Ontario. A dike and overflow weir system, built to a maximum height of 16 metres, will create a headpond to raise water levels in the Serpent River upstream of the facility. Flows from the river will be conveyed through one or two penstocks to a powerhouse located on the north shore (approximately 120 m in-land) of Pecors Lake. All flows will be returned to the Serpent River via a tailrace canal to a point approximately 260 m upstream of Pecors Lake.

As a run-of-river facility, there will be no manipulation of flows and levels on the Serpent River upstream of the dam after the initial filling of the headpond to an elevation of 306.55 metres above sea level, below Whiskey Lake. Downstream of the Pecors Power GS tailrace, flows and levels will be equivalent to pre-development conditions. The project's zone of influence falls between Whiskey Lake and Pecors Lake without extending into either waterbody.

The Pecors Power project will also require the construction of approximately 1 km of new access roads and 14 km of transmission lines.

Studies in support of the EA were conducted along the Serpent River from Pecors Lake extending up to the outlet of Whiskey Lake, as well as terrestrial areas within the proposed headpond, the footprint of built structures and along existing access roads.