

## Seymour G.S. / Ontario Hydro

Seymour Hydroelectric Station, owned and operated by ONTARIO HYDRO, is one of ten Hydroelectric Stations along the historic Trent-Severn Waterway system in central Ontario. Seymour consists of 5 units with an annual energy output of 40 mil KWh.



trashracks. Seymour is an unmanned plant so this blockage continued for approx. 3.5 hours until an operator could get to the plant. During this time, the forebay had been drained entirely of all water resulting in a 100% differential against the Hydrothane racks. After the units were shut down, the ice backed off and the plant was started up again. During summer inspections of the trashracks, Ontario Hydro divers reported no damage to Hydrothane.

Hydrothane successfully passed these severe conditions and have since been installed into four additional Ontario Hydro Plants.



As the Trent Stations approach their centennial of service, Ontario Hydro has embarked on a rehabilitation program utilizing the the latest in technological advances.

Due to the relatively shallow channels and turbulent water, Seymour was subjected to frequent frazil ice problems each winter. To combat this, Ontario Hydro installed Hydrothane trashracks (10' wide x 28' high x 2 1/2" clear spacing) during a plant rehabilitation in the summer of 1995. During the winter of 1996, large sheets of ice caused a total blockage of the intake

### Hydrothane Systems

1955 Corporate Drive  
Pembroke, MA 02359  
Tel: 781-829-6777  
Fax: 781-829-6935  
[www.hydrothane.com](http://www.hydrothane.com)

