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BYRON WESTON HYDRO
CRANE & CO.

Dalton, MA

The Byron Weston hydro plant is located on the Housatonic River in Dalton, Massachusetts. The dam was built in 1887 and is owned by Crane & Co., the oldest paper manufacturer in North America. The hydro plant which had been decommissioned in the early 1950's was put back in operation in 2013.

CHC provided a water-to-wire equipment package including a 900 mm axial flow Kaplan turbine direct connected to a 250 kW/514 RPM induction generator along with complete plant controls. The equipment was installed within the existing Byron Weston Defiance Mill building and has a generating capacity of 250 kW, enough electricity to power 80 homes.



Project Facts

- 900 mm Vertical Axial Flow Kaplan
- 250 kW/514 RPM Induction Generator
- Switchgear, Controls and Protection
- 250 kW Generating Capacity
- Commissioned 2013

