

Canyon Hydro Commissions 25 MW Pelton Turbine

Deming, WA – July 1, 2022

Canyon Hydro has successfully manufactured and commissioned a 25 MW Pelton Turbine for the Trio Creek Hydroelectric Project in British Columbia.

The five nozzle, 25 MW Vertical Pelton turbine was designed, engineered, manufactured and installed by Canyon Hydro. Fully assembled the turbine weighs in at over 38,000 kg (83,000 lbs). In addition to supplying the turbine, Canyon also provided the Indar generator, turbine inlet valve, hydraulic power unit and bearing cooling water system.

The project is owned and operated by Bremner Trio Hydro Corporation of Calgary, BC. The site has a net head of 565 meters and maximum flow rate of 5.5 cubic meters per second.

Canyon specified and manufactured a five nozzle Pelton turbine with a pitch diameter of 1340mm (52.75 inches).



About Canyon Hydro

Canyon Hydro has been involved in the manufacture of hydroelectric systems for over 45 years. Canyon designs, engineers, and manufactures their products in the United States with production facilities in both Deming and Sumas, WA. In 2019 Canyon Hydro acquired the James Leffel & Co. and now proudly supports all Leffel equipment from the original location in Springfield, Ohio. Learn more at www.canyonhydro.com.

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