The Lake Margaret Hydro-Electric Power Scheme was built between 1912 and 1914 to connect the dam to the pressure penstock feeding the power station. The original woodstave pipeline was replaced in 1937 by another constructed from locally sourced King Billy Pine. That pipeline remained in service until 2006, when safety concerns caused it to be taken out of service. Community pressure led to the scheme being heritage listed in 2006.

Hydro Tasmania were committed to keep the power station in its original form, including construction of a replacement woodstave pipeline. Hazell Bros Group, teamed with JMG Engineers and Planners, won the D&C contract for a new woodstave pipeline, with materials for the pipeline to be supplied by International Tank & Pipe Co. of Portland, Oregan, USA.

The new design reused the 1937 concrete footings wherever possible. The steel substructure that supports the pipe doubles as a track for an innovative trolley system that is used to handle materials and provide a safe work platform for the construction crew in the remote and difficult terrain. The trolley system meant that any error in design, fabrication or construction would lead to extensive delays, as the steelwork was all fabricated off-site and galvanised before being transported to the site.

There were over 600 different trestles and rail spans which were all separately detailed. JMG also designed lightweight trusses to span several unstable areas to support the pipe and trolley loads, these were designed to allow placement onsite by helicopter as there was no vehicular access.

The project received a prestigious Engineering Excellence Award at the 2009 Engineers Australia Tasmania Division Awards.

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