GORDON DAM
NATIONAL ENGINEERING LANDMARK

**Location:** On the Gordon River in south-west Tasmania beyond Strathgordon.

**Owner:** Hydro Tasmania

The plaques are located on the dam parapet.

**The dam**
The deep narrow gorge was ideally suited to an arch dam.

Using the Commission's arch dam stress analysis program, Hydro engineers progressively refined the shape until it met all the structural requirements with a minimum volume of concrete.

The dam is a spectacular and popular tourist destination.

**Engineers**
The dam has a direct association with an eminent dam building authority.
The principal design engineer Sergio Giudici reported to Mike Fitzpatrick, Bill Mitchell and John Wilkins. The dam construction engineer was Alan Varty reporting to Ted Hofto and Guy Ward.

**Access**
The dam site is in a very remote location. Site investigations for the dam were carried out using Bombadier and helicopter access until the 80 km long Gordon River Road was completed.

**Heritage Dams Project**
Gordon Dam is one of the 25 dams selected in a national survey to find those with the highest heritage values.

**Gordon Power Development**
The headwaters of the Huon and Serpentine rivers are captured in Lake Pedder and diverted into Lake Gordon via McPartlans Pass Canal.

The Gordon Power Station is located underground below the lake and discharges back into the river via a 3 km long tailrace tunnel. The station contains three 150 MW Francis turbines with space for two more. Twin transmission lines carry the output to Hobart and the State grid.

The scheme is a major component of the State's electricity generating system.