

# TARRALEAH HYDRO-ELECTRIC DEVELOPMENT

**Location:** At Tarraleah in the central highlands.

**Owner:** Hydro Tasmania.

The plaque is located on the penstock lookout platform beside the Chalet.

## The scheme

Water from the 66 m high Clark Dam travels 21 km along two canals, two low pressure pipelines and six penstocks, delivering 34 cumecs to the power station.

The building is a fine example of industrial art deco style. It houses six Pelton wheel turbines operating under a 300 m head. The installed capacity is 90 MW.

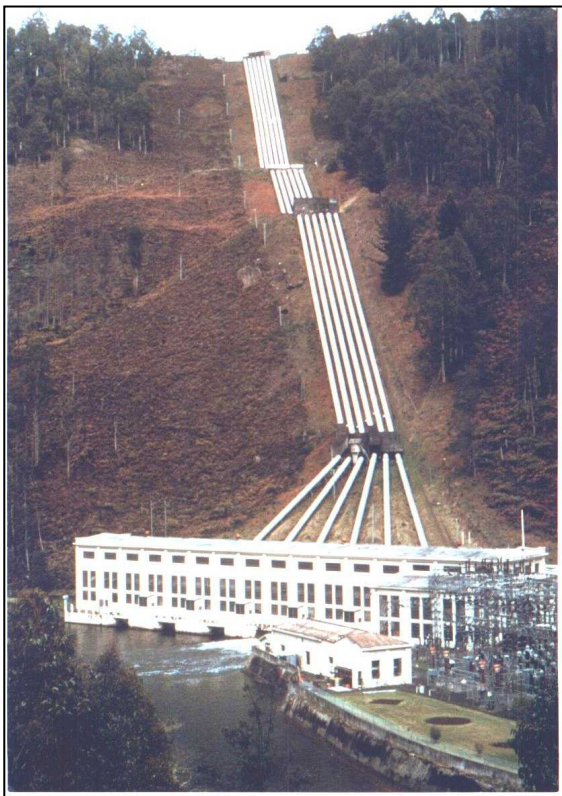
Tarraleah Village was built for the construction and operation of the power scheme. It was also used for building the southern part of the Tungatinah Power Development and the Civil Maintenance Depot for most of the hydro schemes was located there.

## HISTORIC ENGINEERING MARKER

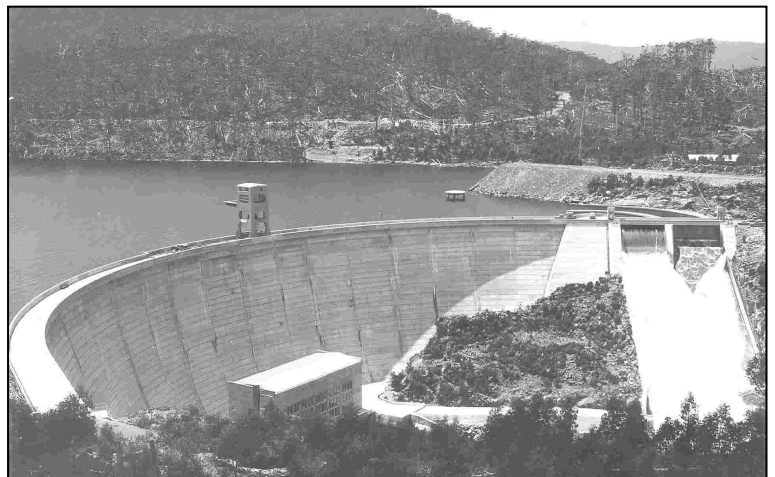
### Tarraleah Hydro-Electric Development

Utilising the waters of Lake St Clair and the Derwent River, this development was built to meet the increasing demand for power in the 1930s. It was commissioned in 1938 and was the origin of Tasmania's 110 kV transmission system. It was augmented by the Clark Dam (1949), a pumped storage system (1949), Butlers Gorge power station (1951), and a second canal (1955). The tailrace water is now used in six downstream power stations.

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Tarraleah penstocks & power station



Clark Dam & Butlers Gorge power station