Turitea Upper and Lower Dam Specifications

**UPPER DAM SPECIFICATIONS**
- Type: Concrete arch with gravity concrete abutments
- Constructed: 1957
- Structural height: 39 metres
- Hydraulic height: 30 metres
- Mass concrete in dam: 9120 cubic metres
- Catchment area: 2300 hectares
- Reservoir area: 12 hectares
- Reservoir capacity: 1,682,000,000 litres
- Spillway capacity: 500 year flood
- Earthquake capacity: Maximum Credible Earthquake

**LOWER DAM SPECIFICATIONS**
- Type: Concrete faced Rockfill Dam
- Constructed: 1907, 1912, 1996
- Structural Height: 20 metres
- Rockfill Volume: 37,000 cubic metres
- Reservoir capacity: 280,000,000 litres
- Spillway capacity: Probable maximum flood
- Earthquake capacity: Maximum Credible Earthquake