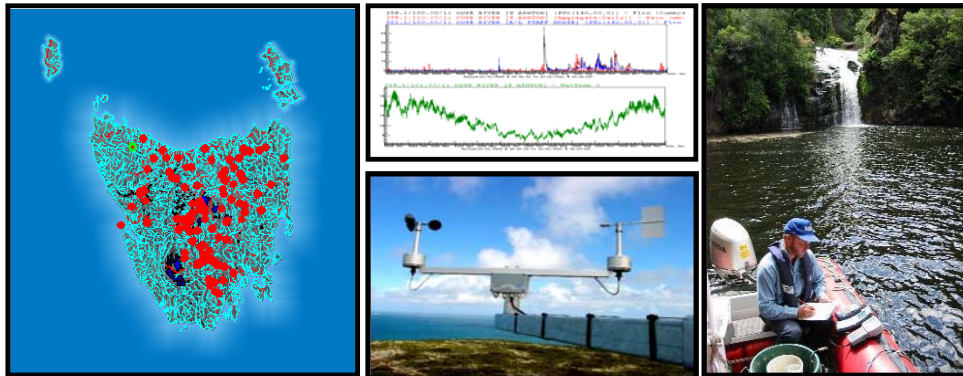


PROJECT DATA

Hydro Tasmania Generation Business Unit - Data Acquisition

CLIENT	Hydro Tasmania
PROJECT LOCATION	Tasmania, Australia
DATE OF PROJECT	2004
SERVICES PROVIDED	Data collection, archiving, quality coding and checking.



The primary focus of this wide-ranging and ongoing contract is the statewide acquisition of hydrological data, hydro-meteorological data and data associated with power generation. The data is critical in relation to efficiently running the state's hydro-electric power generation system and in monitoring the majority of the state's water resource.

There are some 150 telemetered sites. They generate approximately 600 unique data streams that are archived within TimeStudio - our world leading database.

All work is quality assured to AS/NZS ISO 9001.

The contract includes:

- Design of the hydrologic network;
- Construction of gauging stations, wind towers, water quality sites, access tracks, etc.
- Installation and maintenance of loggers and sensors. Provision of telemetry systems.
- Gaugings and the development of stage/discharge curves.
- Calibration of all sensors on a regular basis;
- Continuous logging of water quality parameters such as turbidity, conductivity, dissolved oxygen, pH, temperature and salinity;
- Sampling of these and other water quality parameters using spot samples and datalogger or radio controlled pumped samplers;
- The retrieval, processing, archiving and quality coding of the data. Reporting of and dissemination of the data to clients.

Hydro Tasmania has its data requirements (operational, compliance and asset monitoring) provided in a timely and cost effective manner. This contract is ongoing and is renegotiated each year to include new developments and newly commissioned sites. The estimated value of the contract for the coming year is in excess of one million dollars.

LEADERS IN CONSULTABILITY



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