



PROJECT FOCUS

SunWater: Nathan and Connors River Dam Project

Project brief:

The Surat and Bowen basins hold one of the world's largest deposits of high quality coal and is a vital mining region for Queensland.

To meet this growing demand, new dams are planned on the Dawson and Connors rivers. As part of the business case study for these dams an urban and agricultural demand assessment was required to gauge water demand and the ability of urban and agricultural users to pay for additional water resources.

Psi Delta's role:

Forecast demand for agricultural commodities

Assessed population growth and urban for each council in the study area over a 30 year period based on a detailed understanding of factors affecting population growth

Assessed the agricultural demand for water

Assessed agricultural demand under different supply conditions

Assessed agricultural demand at different price points

Our achievements:

This project provided the client with long term urban and irrigated agriculture demand for both dam projects

Following project completion the Psi Delta demand studies for each dam were incorporated into the business case

Psi Delta's work has been incorporated into the environmental impact statements for both dams, following approval construction is set to begin in 2013

Psi Delta completed:

Agricultural assessment
Economic impact
Population growth forecasting
Commodity assessment
Regional development
Demand assessment
Policy
Feasibility
Strategy

Our project collaborators:

This project was completed with a local contractor that part of the Psi Delta national network of subcontractor