



What makes us different?



- Australia's largest renewable energy generator
- Australia's largest water manager
- One of Australia's largest renewable energy developers
- Leader in development and application of sustainability principles for the international renewable energy industry
- Offices throughout Australia and in India
- Servicing a broad client base in Australia, Africa, Asia and the Pacific



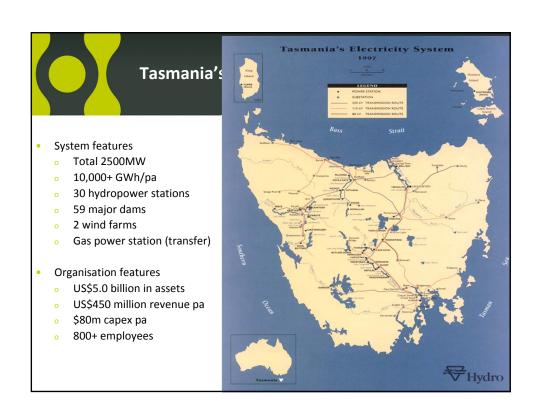
Hydropower

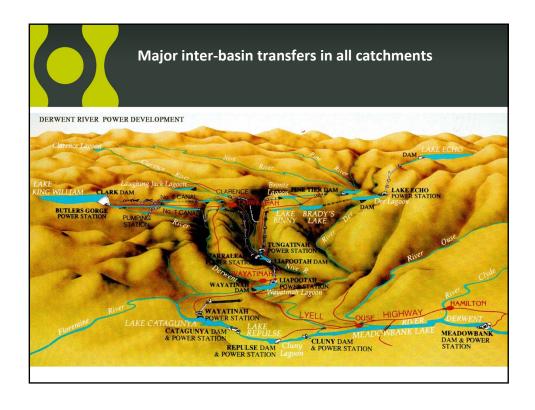
- Hydropower is the basis of our renewable energy business and expertise (Special water Licence that provides access to water)
- Almost a century of expertise in power engineering and dam construction and renewable development
- 30 hydro-electric power stations (60 machines from 1MW to 165MW) in an integrated system, more than 50 large dams







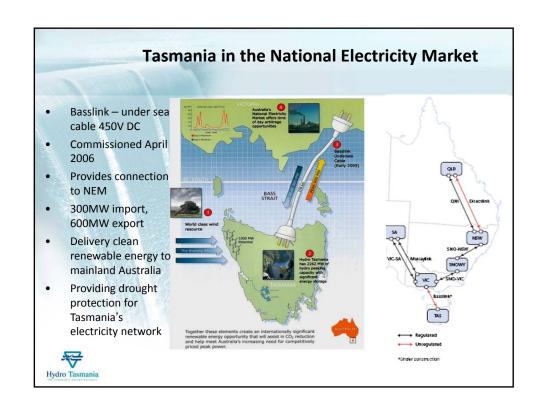






- Redevelopment of the Power Station and wooden pipeline (\$14.7 million) was completed July 2009
- Station has installed capacity of 8.6MW
- Provides 50 GWh of additional energy powering around 4 000 Tasmanian homes
- Lower Lake Margaret mini-hydro has also undergone redevelopment
- Installed capacity of 3.2 MW or around
 22 GWh of extra output







Our people



- Hydro Tasmania is a values-based organisation
- Based in Hobart, our workforce stands at 923 people across the Hydro Tasmanian group.
- Through our consulting arm Entura, we now have offices in Melbourne, Brisbane, Sydney, Adelaide, and India
- We are focused on developing our capability by retaining and recruiting the best people in the renewable energy sector









The Hydro Tasmania group



Mentura The power of natural thinking







The power of natural thinking

- An anagram for 'nature', Entura provides expertise in the areas of: renewable energy; power engineering; and environmental and catchment management.
- Growing international business with offices in Hobart, Melbourne, Adelaide, Sydney, Brisbane, India and Malaysia. (Africa as project office)
- Employs approximately 350 people
- A growing consultancy business in Asia Pacific and currently active in:
 - o India, Nepal, Malaysia
 - o PNG, Fiji
 - New Zealand
 - o Pitcairn, Solomon & Cook Islands



Hyd	dropower centres of excellence
Centre of Excellence	Benefit to client
Hydrology and Systems Studies	Our teams work on leading scientific studies to understand and forecast the impact of climate change on water availability.
Survey and GIS	We are leaders in the collection and management of hydro graphic and environmental data with over 80 years continuous experience. We have a specialised team of skilled chirographers, electronics technicians and data managers, utilising the latest technology for communications, data logging and flow measurements.
Civil Engineering	Our expertise in Dam engineering incorporates the investigation, construction and management of 40 ICOLD large dams and over 90 smaller dams. We offer a full service from feasibility, construction, dam safety and decommissioning.
Mechanical Engineering	As part of utility we undertake a majority of the design, testing and maintenance advise for Hydro Tasmania's assets. We provide design, asset management, condition assessment and maintenance.

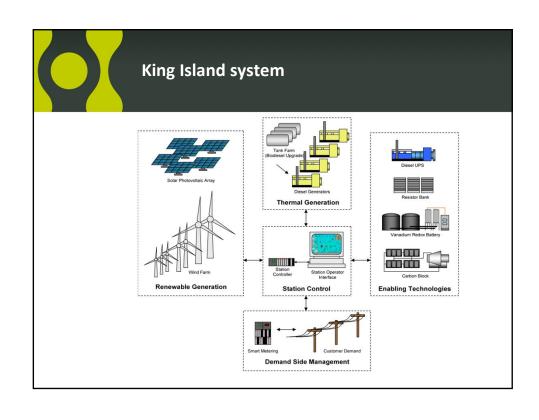
provide a 'one-stop-shop' to cover the complete spectrum of his hydro services from Prefeasibility to commissioning. Being cowner and operator of all sizes of hydro generators, we derstand the need to optimise life cycle costs by minimising M costs, maximising output efficiency and ensuring longevity the asset. We are renowned for our innovative and economic gineering, providing the right balance between efficiency, cost ectiveness and constructability.
ectiveness and constructability.
are owner and operator of remote island wind-diesel system, understand the unique issues relating to working in isolated nmunities. From this experience we understand the need for utions that focus on proven, reliable, cost effective and ring local involvement in the construction operation and intenance.

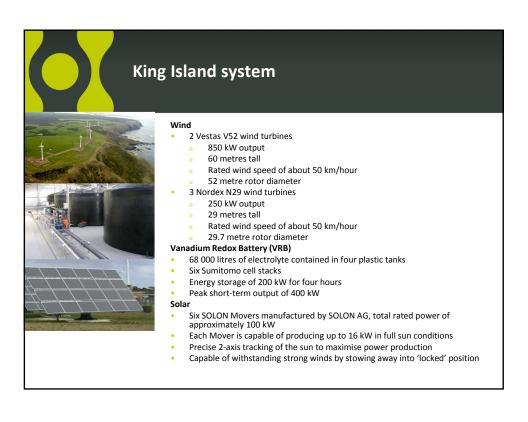


Bass Strait islands

Bass Strait Islands Renewable Energy Integration Project (\$61million):

- Portfolio of innovative new and existing renewable energy technologies
- Globally unique opportunity to demonstrate the integration of a portfolio of renewable generation, with enabling and smart grid technologies
- Potential to be replicated throughout NEM as renewable penetration increases
- Projects include:
 - Diesel Uninterruptible Power Supplies (D-UPS), allowing achievement of 100% instantaneous renewable energy penetration
 - Installation of energy storage technology, incorporating thermal storage (Australian technology) and additional chemical battery storage, which has the potential of meeting both heat and electrical loads
 - Smart Grid Demand Side Management (DSM) through the use of smart metering and remote load control supported by an internet communication system
 - Expand wind and solar energy generation
 - Biodiesel conversion the diesel engines and fuel systems from conventional diesel to bio-diesel







** momentum The power of natural thinking

- Accredited GreenPower electricity retailer in Victoria
- Retail presence in Vic, SA, ACT & NSW
- Targets small to medium enterprises (SMEs)
- Also caters to commercial and industrial clients (C&I)
- Products include standard energy contracts and energy efficiency advice
- Record success in revenue, sales and volume of contracted load in the 2009/10 financial year



