

TRANSFORMERS

FOR POWER GENERATION

Wilson Transformer Company provides transformer solutions for wind farms, solar applications, hydro power stations, thermal power substations, coal fired and gas fired power stations. Our products range from 16kVA single phase polemount transformers and three phase 100kVA compact MV substations, right up to three phase 550MVA and 400kV transmission transformers.



THE TRANSFORMER
PEOPLE

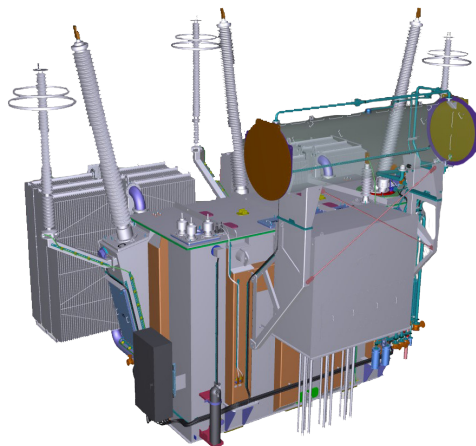
KEY FEATURES

- > Reliable Performance
- > Innovative Solutions
- > Superior Corrosion Protection
- > Custom Design, Manufacture & Test Capability
- > Whole of Life Value
- > Fast Track Delivery



BUILT SMART

FOR LIFE



We have designed and manufactured transformers to suit both Medium Voltage (MV) and High Voltage (HV) substation applications. Our MV Substation design is optimized according to parameters such as generation profile, feed in tariff, distribution voltage, corrosive environment, wind profile, project design life, expected revenue per kWh and cost of capital.

Our ideas, experience and commitment to continuous improvement enable us to provide products that minimise our customer's whole of life cost and operational risks.

Hundreds of thousands of our transformers are in service around Australia and other parts of the world, including Africa, China, Fiji, India, Indonesia, Malaysia, New Zealand, Papua New Guinea, Saudi Arabia, Thailand, United Arab Emirates, the United Kingdom, the United States of America and Vietnam.

YOUR REQUIREMENTS

We understand that most customer requirements are different, which is why we pride ourselves on being flexible in our approach. From a comprehensive range of products, services and support to state of the art manufacturing facilities and compliance, we offer our customers the confidence of working with our organisation that has proven itself over 80 years of excellence with many satisfied customers around the world.

WORLD CLASS CAPABILITIES

Within our product range, our state of the art facilities located in Victoria, Australia are equal to the best the world has to offer. By using the latest design software, analytics and manufacturing technology we engineer and manufacture our products in clean work environments incorporating strict quality control measures in all critical processes.

Between 2009 and 2012, we completed major upgrades of our power and distribution transformer facilities that have provided increased capacity and capability, improved quality, and higher standards of productivity and safety.

Through our world class capabilities, specialist knowledge, proven reliability, and effective supply chain management, our customers can be assured of a quality outcome.

CASE STUDIES

Yallourne Brown Coal Power Station (2 x 225MVA)



Energy Australia required two of their main generator transformers to be replaced at the Yallourn Power Station whilst maintaining minimal disruption to the generating

capacity. The joint collaboration between the two companies and project teams enabled us to meet the exceptional delivery requirement with superior technical support.

Fast Track Transformer Delivery to the Largest Hydro Power Station in New Zealand (3 x 135 MVA)

Meridian Energy made a decision to order new transformers after finding a fault within the cooling fins of the existing units. Two replacement units plus one additional unit to replace the station spare were procured.

Wilson Transformer Company had been awarded a contract to manufacture, deliver and supervise the installation of these three transformers based on the very tight delivery time. This project was crucial for Meridian Energy due to the urgency of the work, technical challenges and transport constraints. The first unit was delivered in 4.5 months while all three were commissioned within 6 months from placement of order.

REFERENCE LIST

Below are some of our reference projects in Generation Sector.

Hydro Power Stations

MVA	kV	Project
135	220/13.8	Manapouri Power Station, NZ
17	127/11	Roxburgh Hydro Power Station, NZ
75	115/16	Poatina Power Station, AUS

Solar Applications

kVA	kV	Project
1600	22/0.36	Broken Hill & Nyngan Solar Farm, AUS
500	33/0.4	Broken Hill & Nyngan Solar Farm, AUS

Wind Farms

MVA	kV	Project
120	275/33	Clyde Wind Farm South Substation, UK
90	330/33	Gullen Range Wind Farm, AUS
150	230/67.5/22.5	Portland Wind Farm, AUS

Coal Fired Power Stations

MVA	kV	Project
225	230/20	Yallourn Power Station, AUS
81/162	132/14.5	Pinjarra Alinta Cogeneration, AUS

Thermal Power Stations

MVA	kV	Project
65	220/11	Wairakei Power Station, NZ

For information about other projects, please visit :

<http://www.wtc.com.au/your-requirements/proven-track-record/>

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