



Your professional power partner

MAURITIUS



MAURITIUS – THE CONNECTED ISLANDS



Our footprint in Mauritius

BWSC has a long-standing connection to Mauritius due to our presence as turnkey supplier of power plants over the last 20 years. During this period, BWSC has supplied 10 turnkey power plants to Mauritius and the state-owned utility company Central Electricity Board (CEB).

The Mauritius contracts are a testament to the CEB's confidence in BWSC, and we appreciate the number of times CEB has appointed BWSC as the preferred supplier of high-quality power stations.



RODRIGUES

POWER PLANT CONSTRUCTION AND EXTENSIONS ON RODRIGUES

In 1996, BWSC delivered the first phase of the island's **Port Mathurin Power Station**. Two extensions followed in 1997 and 1998.

The Central Electricity Board (CEB) ordered an entirely new power plant due to environmental concerns. BWSC won the contract, delivering the **Pointe Monnier Power Station** in 2004, which initially supplied 3.8 MW. As the island's energy needs grew, the CEB initiated Phase II of the project, which called for a new, environmentally-friendly power station extension. BWSC was also commissioned to deliver the turnkey extension, bringing Pointe Monnier's generation capacity to 6.3 MW.

The new power plant meets stringent local environmental requirements. High fuel efficiency likewise minimises the cost of electricity for the island's 40,000 residents.



Pointe Monnier Power Station

PORT MATHURIN

Contract start.....	1994/1996/1998
Completion.....	1996/1997/1998
Capacity.....	3 MWe
Engine.....	MAN, 3x5L28/32H

POINTE MONNIER

Contract start.....	2003/2011
Completion.....	2004/2012
Capacity.....	4 + 2.5 MWe
Engine.....	MAN, 2x9L28/32H + 1x6L32

PORT LOUIS

GOOD POWER PLANTS MAKE GOOD NEIGHBOURS

BWSC has been instrumental to the success of three power plants in Port Louis on the main island of Mauritius.

At the **Fort George Power Station**, BWSC designed, engineered and constructed the 30 MW extension at the existing plant. A turnkey project, the plant has demonstrated outstanding reliability and cost-efficiency levels since it was commissioned in 1997.

In 2009, BWSC was awarded the Phase I contract at **Fort Victoria Power Station** which redeveloped the existing facility so it could house two Wärtsilä engines with an installed capacity of 30 MW. The Phase II contract followed shortly afterward, with BWSC designing, engineering and constructing the turnkey project that added four engines with an installed capacity of 60 MW.

BWSC has also been active in two phases of the **Saint Louis Power Station's** redevelopment. The first project involved tearing down the original power house and installing three Wärtsilä medium speed engines. In 2016, BWSC was awarded the contract for extending the power plant and installing four Wärtsilä engines and their auxiliaries.

The sound of silence

The Saint Louis site had been used for power generation for more than sixty years, so special attention was given to clean-up before work began on the new structure.

In addition, the project's scope outlined additional requirements for BWSC's design team. The redevelopment had to remain within the existing plant's boundaries, for example.

Strict noise guidelines were in effect due to plant's location adjacent a residential neighbourhood. So BWSC designed the powerhouse with cladding to reduce noise, and a 10-metre high noise-abatement wall ensured noise levels less than 55 db.



Port Louis by night



Fort George Power Station



Fort Victoria Power Station



Saint Louis Power Station

FORT GEORGE

Contract start.....	1995
Completion.....	1997
Capacity.....	31 MWe
Engine.....	MAN, 1x9K80MC-S

SAINT LOUIS

Contract start.....	2004/2016
Completion.....	2006/2017
Capacity.....	41 + 67 MWe
Engine.....	Wärtsilä, 3x16V46 + 4x18V46

FORT VICTORIA

Contract start.....	2009/2011
Completion.....	2010/2012
Capacity.....	30 + 60 MWe
Engine.....	Wärtsilä, 2x16v46 + 4x16v46

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FACTS ABOUT BWSC

- World-leading turnkey EPC contractor and service provider for diesel, natural gas and renewable baseload power plants for electricity generation and thermal energy production
- More than 180 power plants designed and supplied in 54 countries
- Two decades of experience in operation and maintenance of power plants
- A comprehensive range of power plant support services, from spare parts to complete rehabilitation
- Training programmes for all aspects of power plant operation and maintenance
- Extensive experience in financing and development of power plant projects
- Headquartered in Denmark and supplemented by an international sales and support network
- 700 employees based at our main office and power plants around the world
- 100% subsidiary of Mitsui E&S Holdings Co. Ltd., Japan
- Certified according to ISO 9001, ISO 14001 and OHSAS 18001
- Long-standing AAA rating, 2017 revenues: EURm 387



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