

Timor-Leste mobile power station power generation



Overview

Hera Diesel Power Plant is a 119 MW oil-fired generating station on the coast at Hera, about 15 km east of Dili in Timor-Leste. Built under the 2008 National Electricity Project and owned by state utility EDTL, it forms one half of the country's twin-site diesel base load system together with the Betano plant, supplying the bulk of Timor-Leste's grid power and acting as a strategic reserv. CountryLocation, StatusOperationalOwnerElectricidade de Timor-LesteDevelopment and commissioningConstruction began in February 2009 after the government selected Hera as the northern hub of its nation-wide electrification programme. Seven generator sets arrived in September 2011, and commercia. The station uses seven Wärtsilä 18V46 medium-speed that can run on diesel or heavy fuel oil, giving a net capacity of 119.5 MW and exporting power through a 150 kV switch-yard to the national tra. In 2011 reported that local communities were frustrated by the absence of a published environmental impact assessment and by minimal consultation despite the plant's €300-million cost. The H.

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Outdoor Cabinet BESS
50 kWh/500 kWh Battery Storage System
Industrial and Commercial Energy Storage



- All In One**
Integrating battery packs
- High-capacity**
50-500kWh
- Degree of Protection**
IP54
- Operating Temperature Range**
-20-60°C (Derating above 50°C)
- Intelligent Integration**
integrated photovoltaic storage cabinet
- Rated AC Power**
50-100kW
- Altitude**
3000m(>3000m derating)

Powering Change: The Story of Hera Diesel Power Plant

Hera is a narrative of social commitment, keeping the lights on as visions of solar panels glint on the horizon. For those keeping an eye on Timor-Leste, Hera offers insights into the real-time dilemmas ...

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Power Distribution Modernization Project: Sector Assessment ...

Two power plants--the 119.5 MW Hera Diesel Power Plant and the 136.6 MW Betano Diesel Power Plant--supply all of mainland Timor-Leste's electricity needs. Both plants can run on heavy fuel oil or ...

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List of power stations in Timor-Leste

The following lists power stations in Timor-Leste. The Hera power station was built to supply to the north coast of the country, while the Betano power station supplies electricity to the south coast and the ...

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Hera Diesel Power Plant

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How did the IEC International Standards play a significant

- Average Peak Production 82 MW -
 - Transmission Line : 150 kV, 603 km -
 - Distribution Line : 20 kV - 9 Sub stations
 - Electrification Ratio 96% Potential of Renewable Energy Project - 450 MW
- (Source: ...

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In diesel-dependent East Timor, renewable energy transition remains

Renewable energy potential is strong in East Timor, according to the Asian Development Bank, with almost the entire territory having the potential to successfully generate solar energy. Other ...

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Electrification in post-conflict Timor-Leste: Opportunities for energy

This paper aims to elucidate the



influence of Timor-Leste's improvements in electricity access since full sovereignty in 2002 on its national development outcomes and how these may be ...

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Microsoft PowerPoint

TIMOR LESTE ENERGY PROFILE Current Power Generation Profile - Diesel Power plant : 282.5 MW - Average Peak Production 82 MW - Transmission Line : 150 kV, 603 km - Distribution Line : 20 kV



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Presentation

Timor-Leste plans to implement 72 MW solar and 50 MW wind by 2024 and 2026 respectively. This will increase RE share in power generation from 0.2% in 2021 to 35.4% in 2030. Under the current ...

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