

# SPECIFICATIONS



## 119 MW 2010 Used Wartsila W18V46 HFO Power Plant Generator Sets

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## Description

This heavy fuel oil power plant consists of multiple Wärtsilä 18V46 medium-speed reciprocating engine generator sets. Originally designed for base-load operation, the plant is also capable of supporting grid stabilization and peaking functions due to the fast-start characteristics of medium-speed engines. The facility has been operated under a structured maintenance regime, and the generator sets are still in serviceable condition, with full documentation and service history available.

The Wärtsilä 18V46 engine is a high-performance, 18-cylinder, V-type, turbocharged engine with a displacement and configuration specifically engineered for heavy-duty power generation. Each engine in the plant is coupled to a synchronous generator, producing stable, grid-compliant power at either 50 Hz or 60 Hz depending on the configuration.

### KEY FEATURES:

- **Installed Capacity:** 119 MW total output (via multiple 18V46 engines)
- **Configuration:** Modular plant layout for phased operation or relocation
- **Emissions Compliance:** Equipped with NOx reduction and exhaust cleaning systems

### ADVANTAGES:

- **High Efficiency:** Optimized for continuous duty at high load factors with competitive thermal efficiency
- **Modular Operation:** Individual engine modules allow for scalable power output, partial shutdown, and flexible maintenance planning

Manufacturer	Wartsila
Model	W18V46
Year	2010
Condition	Used
Location	Asia
Qty Available	7 Units
Category	HFO Generators
Subcategory	10 -999 kW
Stock Number	USP010512
Wattage	119 MW
Hours	50000
Frequency	50 Hz
Fuel Type	HFO
Voltage	11000
Balance of Plant Available? (BOP)	-



# Asset Photos





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