

# Rahim Energy Ltd. (REL)



Total Power Solutions

**KALTIMEX ENERGY  
BANGLADESH (PVT.) LTD.**

## PROJECT SUMMARY

**Project Type:** Power Plant Automation

**Commissioning Date:** December 2017

### Company Overview:

Company Overview: Rahim Energy Ltd. (REL) is a Rahim Group company. From its modest beginning in 1958, Rahim Group has today grown into one of the leading steel manufacturers of Bangladesh. Rahim Group spans 100 acres of land at Kachpur, Bangladesh, with a dedicated team of over 3500 employees & 7 industries.

### Gas Gensets details:

MWM TCG2032V16 X 8 units each 3,876 kWe.  
Wartsila W20V34SG X 3 units each 9,730 kWe.  
Total capacity of the plant is **60,198 kWe**.

### Grid Details:

**60,000 kW**

### Steam turbine generator (STG) Details:

Triveni 5,800 kWe.

## TECHNICAL SUMMARY

REL operates an integrated power plant comprising 8 MWM gas gensets, 3 Wärtsilä gas gensets, 1 steam turbine generator (STG), and a connection to the Bangladesh national grid. All power sources are synchronized through a single common busbar, enabling efficient power distribution to both the steel factory and the national grid.



This advanced system allows the plant to supply its required factory load while exporting excess generated power to the grid. During periods of increased factory demand, REL can also import power from the national grid, ensuring continuous and reliable operations. This flexible integration improves efficiency and productivity.

## CONTACT US

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