

PROJECT SUMMARY

Project Type: Diesel Genset
Commissioning Date: October 2023

Company Overview:
Educational Institution

Location:
Bashundhara, Dhaka , Bangladesh

Gensets details:
2x 1500 KVA Diesel Genset

DG Operation with Existing Cooling System:
Diesel genset is in operation with existing gas genset cooling system using heat exchanger which saves additional radiator cooling of DG.

TECHNICAL SUMMARY

Brief of Implemented Project:

Installation of 2-unit 1500 KVA DG which is operated with remote cooling water system. In this project, the client has 3 Unit of MWM gas generator which is running through colling tower. New, installed 2 Unit of 1500 KVA DG is designed with new PHE & raw water pump to connect with the Existing cooling tower of Gas Gensets system to operate as Standby power supply.

Effect of this implementation:

Connecting with existing cooling system additional cost for cooling system was not required.



Cooling Water System



Diesel Generators

Savings in CAPEX:

Remote Radiator Cost, USD	43,000
Piping Work Cost from DG to Radiator, USD	14,000
Total CAPEX, in USD	~ 57,000
Modification Work Cost, in USD	9,500
Total CAPEX Saved, in USD	~ 47,500

CONTACT US

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