

Project Location



Environmental Mitigation Measures

Operation Phase

- **Air emission from stack :**
 - Monitoring TSP, SO₂, NO_x emission from stacks
 - Controlling emission from the stacks, and installing the Continuous Emission Monitoring System (CEMs)
- **ambient air quality :** Monitoring TSP, PM10, SO₂, NO₂ and Wind speed in the ambient air.
- **Noise pollution :** Monitoring average equivalent sound level over 24 - hour period (Leq24), Day-night average sound level (Ldn) Percentile Level 90 (L90), and Maximum Level (Lmax)
- **Effluent quality :** Monitoring Temperature, pH, TDS ,SS, COD, Grease & oil and Flow Rate
- **Safety :** Conducting emergency response exercise and providing preventive maintenance for emergency alarm system regularly.

Objectives and Project Information

Objectives

- To support an increasing demand for electricity and steam in Thaioil Group

Project Information :

- The small power plant is a co-generation plant using natural gas as fuel source
- Increasing Electricity production Capacity From 246.4 MW to 386.4 MW and Steam from 538.0 T/hr to 832.2 T/hr

Project Schedule :

- Construction Phase → June 2021 – April 2023
- Operation Phase → May 2023

Construction Phase :

- Spraying water in the construction area to reduce the amount of particulate matter generated
- Having a cover sheet over trucks to prevent the fall-out of materials or equipment during transportation
- Limiting and controlling the speed of trucks entering construction area
- Establishing safety rules and/or procedures for contractors, and enforcing contractors to be strictly responsible for those rules and/or procedures
- Providing preventive maintenance for machines and equipment, and training contractors on how to operate them

Project Status : In a progress of applying construction permit

Contact Information

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