

Technology Fact Sheet

Combined cycle thermal powerⁱ

1) Technology status

Vietnam: in operation.

World: widely used, transferable.

2) Socio-economic benefits

- High-efficiency, fuel saving, and reducing costs.
- Highly automatic, labor saving.

3) Environmental benefits:

35-40% of GHG emissions reduced compared to coal-fired thermal power, usually 420-430gr CO₂/kWh.

4) Application potential

Vietnam's high natural gas reserves make this technology viable and capable of increasing power plant efficiency by 50-60%.

5) Barriers

Gas resources must be shared with other sectors.

ⁱ This fact sheet has been extracted from TNA Report - Mitigation for Vietnam. You can access the complete report from the TNA project website <http://tech-action.org/>