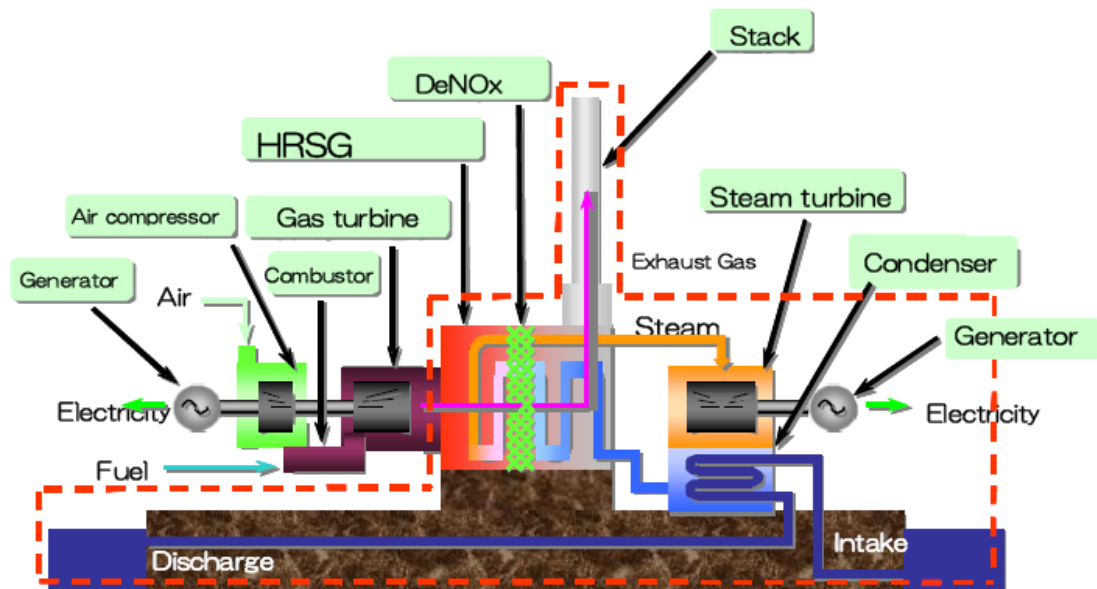


< Reference >

### Upgrade of gas turbine facilities to combined cycle system

Upgrade of gas turbine facilities to combined cycle system requires the additional installation of facilities such as Heat Recovery Steam Generators (HRSG), Steam Turbines and Generators to the gas turbine generation facilities. By utilizing exhaust heat from a gas turbine to add approximately 440MW in total output without using additional fuel, increase in thermal efficiency can be achieved. In addition, environmental contribution can be achieved through flue gas denitrification equipment attached to HRSG which inhibits emission of nitrogen oxide from the operation.

< Reference > Construction areas for the upgrade



Inside the red-dotted line are the facilities additionally installed for the upgrading

END