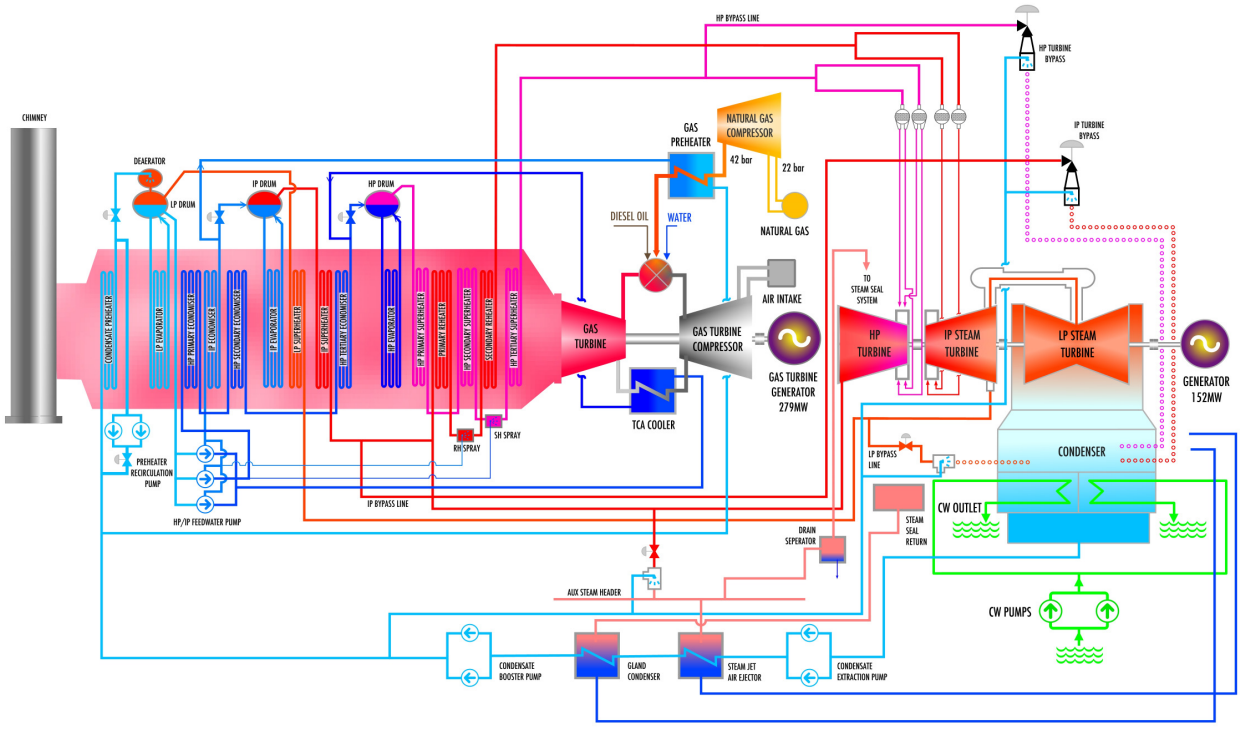
Senoko 2 X 431 MW Repowered MHI Plant

After almost 30 years of service, Senoko's 3 X 250MW Stage 2 generating units were retired in 2009 to make way for two highly efficient, environmentally friendly combined cycle unit s. CCP 6 & 7. During their construction, some existing parts from the old units were retained, refurbished and upgraded (hence the term "repowering"). 701F4 gas turbines from Mitsubishi Heavy Industries (MHI) replaced the steam boilers of the old plant.

The new generating units now generate 862 MW of electricity, a substantial increase in capacity over the old plant. CCP 7 achieved commercial operation on 1 August 2012 and CCP6 on 16 August 2012. Both generating units will be using a combination of piped natural gas and liquefied natural gas (LNG) as their primary fuel.



SCHEMATIC DIAGRAM OF STAGE II REPOWERED COMBINED CYCLE PLANT