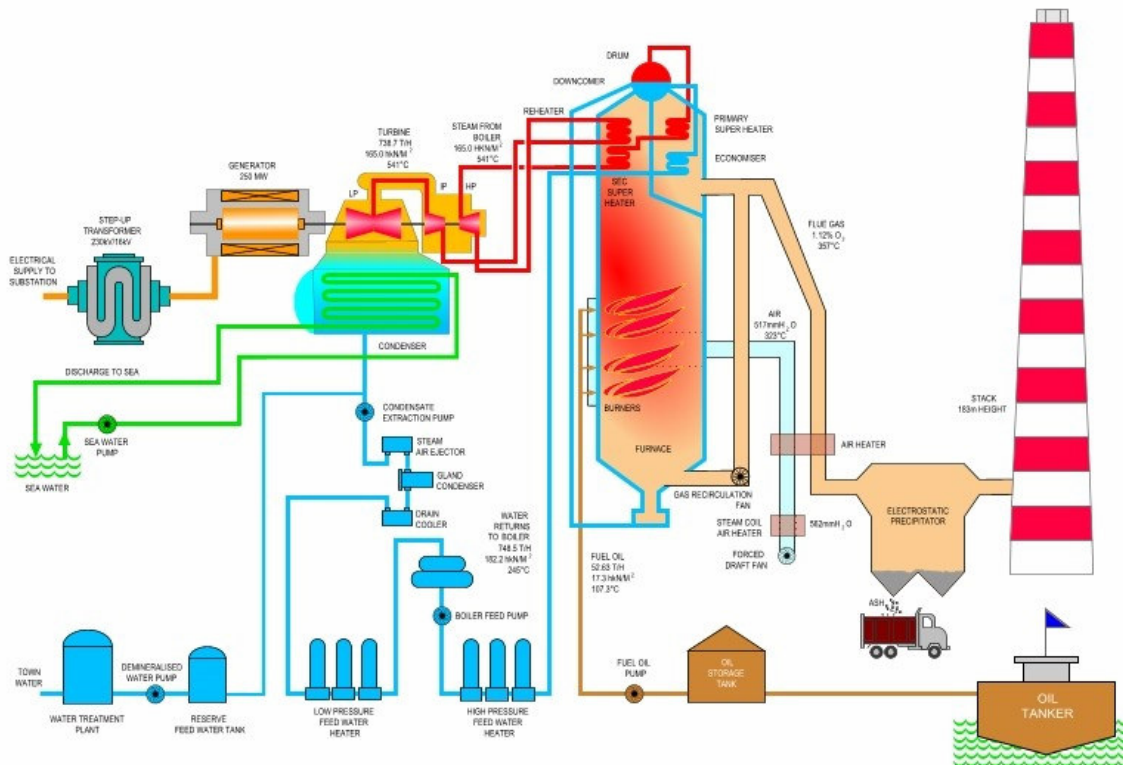


SENOKO 5 x 250 MW STEAM POWER PLANT



Senoko Stage II development consisting of three 250 MW generating plants were synchronised onto the System in October 1978, April 1979 and September 1979. The cost of Stage II development was S\$600 million. Stage III development with another two 250MW units at a cost of \$400 million were synchronised onto the system in June 1983 and November 1983. With the import of natural gas from Malaysia in 1992, the 250MW boilers were modified to fire both natural gas and fuel oil. In order to fire natural gas, gas burners and gas piping were added. Boiler heating surfaces of superheater, reheater and economiser were modified to obtain optimum performance for natural gas and oil firing. Existing circular air registers were replaced with low-NO_x dual air registers. Automatic Boiler Control and Burner Management Systems were replaced with state-of-the-art distributed control systems.



Schematic Diagram Of One Unit Of 250 MW Steam Power Plant