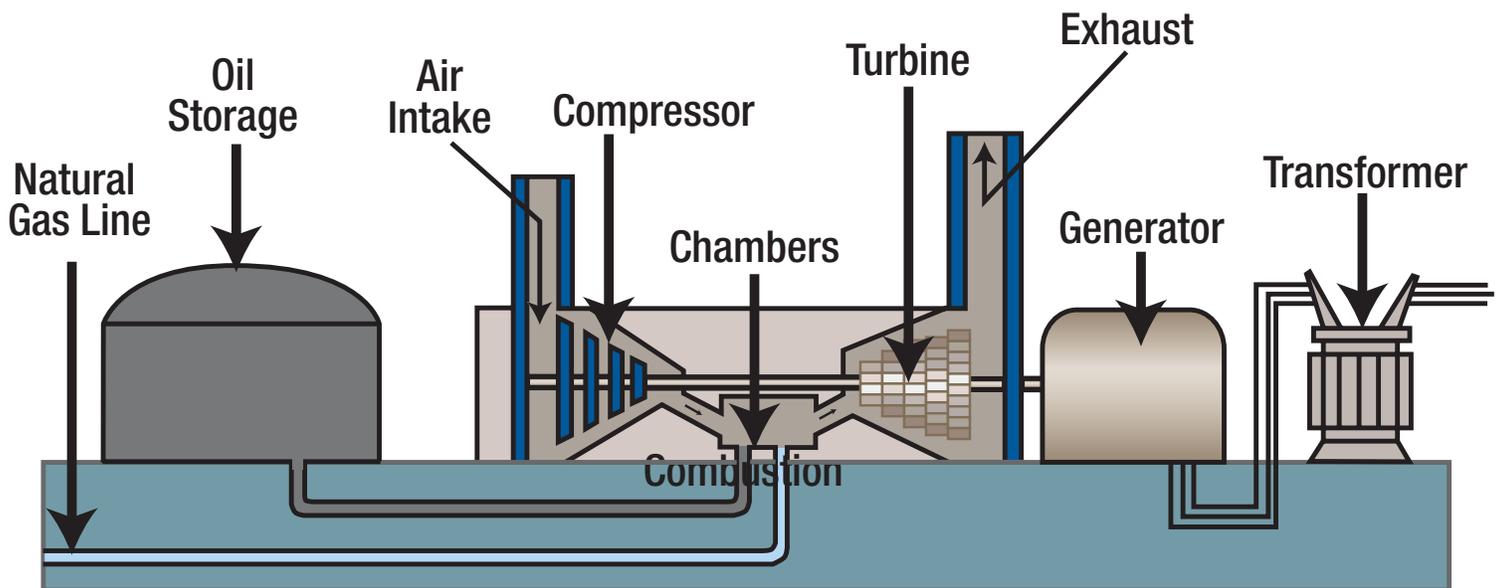


# Simple Cycle Combustion Turbine



A simple cycle combustion turbine (CT) power plant consists of an air compressor, combustion chamber, turbine and generator. The typical fuel is natural gas with fuel oil as a back-up.. The turbine is very similar to a jet airplane engine; air is drawn into the front of the unit, compressed, mixed with fuel, and the mixture is ignited. The heated air expands and turns the turbine which then turns the generator to produce electricity.