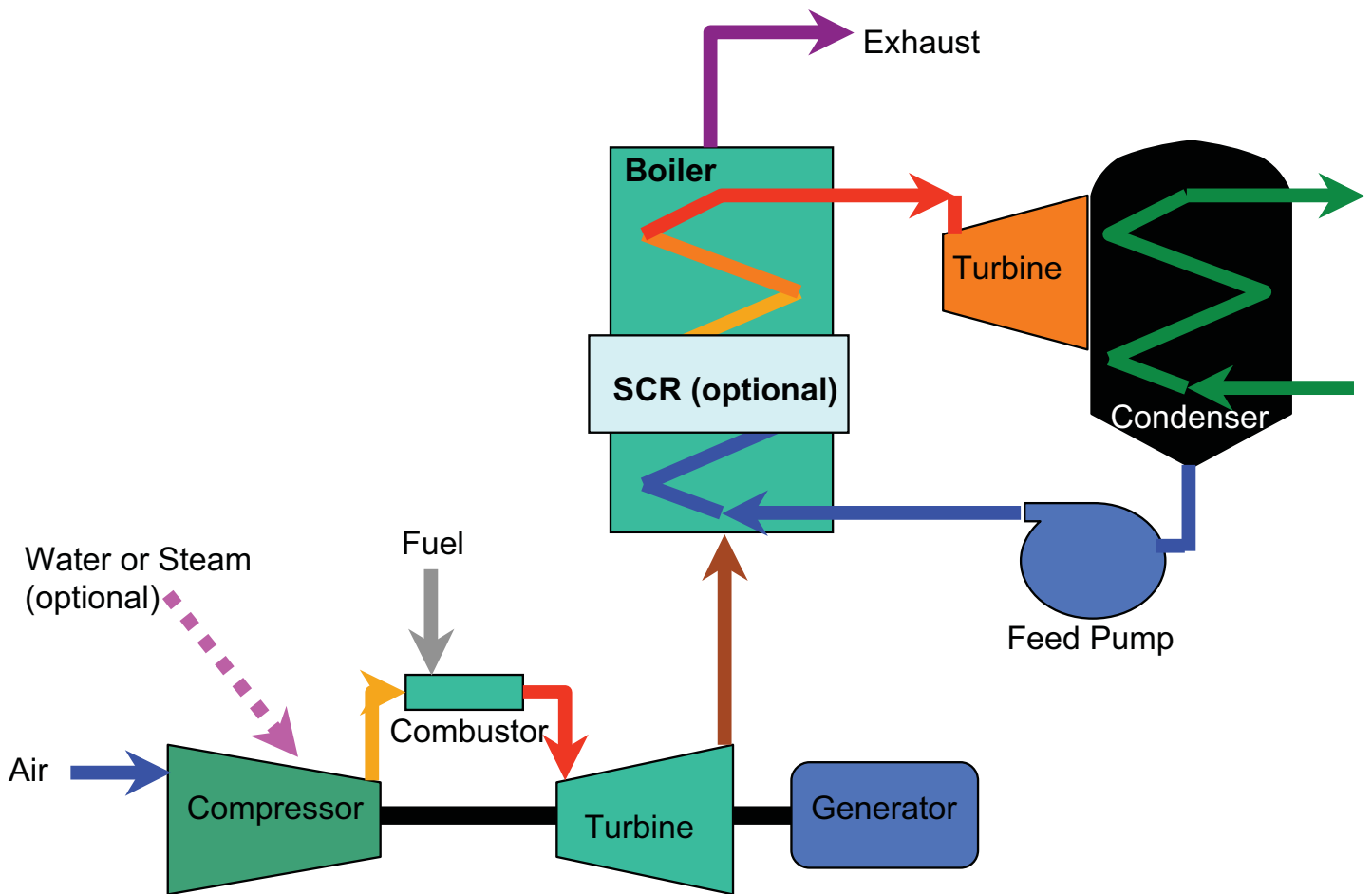


Combined Cycle Combustion Turbine



The combined cycle power plant consists of a combustion turbine (CT) generator and a steam turbine generator. The CT, which is similar to a large jet engine, produces hot gases which pass through a heat recovery steam generator (HRSG). Steam from the HRSG powers the steam turbine generator. The condensed steam is then recycled back into the HRSG. The CT provides about two-thirds of the generated power and the steam turbine about one-third. The heat recovery from the CT provides a large efficiency improvement over a stand-alone CT.