

Technology definition	High-efficiency clean fossil fuel technology that can achieve CO ₂ reduction through fuel diversification by biomass co-firing, high efficiency compared to conventional thermal power generation, fossil fuel purification, CO ₂ recirculation, etc.
Keywords	High efficiency generation, Ultrasupercritical (USC) generation, Integrated Gasification Combined Cycle (IGCC), Fluidized Bed Combustion (FBC), Integrated Gasification Fuel Cell (IGFC), Biomass co-firing, Oxy-fuel combustion, High efficiency gas turbine, Clean Coal Technology (CCT)
Related sub-technology	<ol style="list-style-type: none"> 1. High efficiency generation, Ultrasupercritical (USC) generation technology 2. Integrated Gasification Combined Cycle (IGCC) generation technology 3. Coal-to-liquids (CTL) and gasification technology 4. Fluidized bed power generation technology 5. Biomass co-firing technology 6. Oxy-fuel combustion technology 7. Integrated Gasification Fuel Cell (IGFC) technology 8. Clean coal technology