

<b>Technology definition</b>	A technology to simultaneously produce electricity and heat with high generation efficiency and low emission by directly converting the chemical energy of fuel (hydrogen, methanol, coal, natural gas, petroleum, biomass gas, landfill gas, etc.) into electric energy through electrochemical reaction
<b>Keywords</b>	Fuel Cell, Solid Oxide Fuel Cell (SOFC), Ceramic Fuel Cell, Alkaline Fuel Cell (AFC), Phosphoric Acid Fuel Cell (PAFC), Molten Carbonate Fuel Cell (MCFC), Polymer Electrolyte Membrane Fuel Cell (PEMFC), Direct Methanol Fuel Cell (DMFC), Direct Carbon Fuel Cell (DCFC), Bio Fuel Cell (BFC)
<b>Related sub-technology</b>	<ol style="list-style-type: none"><li>1. Alkaline Fuel Cell (AFC)</li><li>2. Phosphoric Acid Fuel Cell (PAFC)</li><li>3. Molten Carbonate Fuel Cell (MCFC)</li><li>4. Solid Oxide Fuel Cell (SOFC)</li><li>5. Polymer Electrolyte Membrane Fuel Cell (PEMFC)</li><li>6. Direct Methanol Fuel Cell (DMFC)</li><li>7. System (Reformer, Stack, Power Converter, BOP)</li></ol>