Part 1 CCT Classifications

CCT in Japanese Industries

Power generation field

Location of coal-fired power plants
Figures in parentheses indicate power generation capacity (MW) at the end of FY2005.

Iron making field

Location of iron works
Figures in parentheses indicate crude steel production (MT) as of FY2005.
Cement production field

Location of cement plants

Figures in parentheses indicate clinker production capacity (1000 tons/yr) as of April 1, 2005.

Coal chemicals and other fields

Location of chemical complexes

Figures in parentheses indicate ethylene production capacity (1000 tons/yr) at the end of FY2005.
Clean Coal Technologies in Japan

Cement production technology

- Fluidized-bed Advanced Cement Kiln System (FAKS)
- Effective Use of Ash in Cement/Concrete

Coal chemical process

- Coal Liquefaction Technology Development in Japan
- Bituminous Coal Liquefaction Technology (NEDOL)
- Brown Coal Liquefaction Technology (BCL)
- Dimethyl Ether Production Technology (DME)
- Hydrogen Production by Reaction Integrated Novel Gasification Process (HyPr-RING)

- Multi-purpose Coal Conversion Technology (CPX)
- Efficient Co-production with Coal Flash Partial Hydrolysis Technology (ECOPRO)
- Hyper-coal-based High-efficiency Combustion Technology (Hyper-coal)
- Low-rank Coal Upgrading Technology (UBC Process)