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項目	従来型石炭火力 (亜臨界圧)	磯子火力 USC	常磐共同火力 IGCC
発電効率 (送電端, HHV基準)	36～38%	43～45%	46～48%
SOx排出量	500～600 ppm	10～20 ppm	10 ppm 以下
NOx排出量	400～500 ppm	10～20 ppm	10 ppm 以下
ばいじん排出量	数十 mg/Nm ³	1 mg/Nm ³ 程度	1 mg/Nm ³ 以下
CO 排出強度	900～1000 g-CO ₂ /k	760～780 g-CO ₂ /kV	730 g-CO ₂ /kWh

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