SIEMENS energy

SCC-800 combined cycle power plant



SGT-800 based power plant		45 MW rating	50 MW rating	56 MW rating	57 MW rating	62 MW rating
SCC-800 1×1 Combined cycle power plant	Plant power output, gross	66.5 MW(e)	71.9 MW(e)	80.0 MW(e)	81.5 MW(e)	89 MW(e)
	Plant efficiency, gross	57.2%	57.7%	57.9%	58.5%	59.6%
SCC-800 2×1 Combined cycle power plant	Plant power output, gross	134.5 MW(e)	145.3 MW(e)	162.1 MW(e)	164.8 MW(e)	182 MW(e)
	Plant efficiency, gross	57.8%	58.3%	58.6%	59.1%	60.6%
SCC-800 3×1 Combined cycle power plant	Plant power output, gross	201.7 MW(e)	217.9 MW(e)	243.1 MW(e)	247.5 MW(e)	273 MW(e)
	Plant efficiency, gross	57.8%	58.3%	58.6%	59.1%	60.6%

NOTE: The combined cycle plant SCC-800 is available based on one or multiple SGT-800 gas turbines (up to CC 6×1 configuration).
Combined cycle performance is based on three pressure non-reheat (3PNRH) bottoming cycle.

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