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	Pulverized Coal Steam-Electric	Atmospheric Fluid- Bed Steam-electric Power Plant	Coal Gasifier Combined-cycle Power Plant	Pressurized Fluid- Bed Combined-cycle Power Plant
Configuration	1x300	1x200, circulating bed	1x540, Destec process	1x340, bubbling bed, supercritical
Status	Mature commercial	Mature commercial	Early commercial	Demonstration
Typical Application	Bulk power supply	Bulk power supply	Bulk power supply	Bulk power supply
Unit Capacity (MW)	300	200	540	340
Availability (%)	85%	90%	86%	81%
Heat Rate (Btu/kWh)	10,070	10,290	8,490	8,510
Overnight Cost (\$/kW)	\$1,650	\$1,930	\$1,480	\$1,340
Fixed Operating Cost (\$/kW/yr)	\$48	\$39	\$15	\$39
Variable Operating Cost (mills/kWh) <sup>3</sup>	1.1	1.3	5,4	1.0
Development & Construction Lead Time (Months)	48/36	48/36	36/38	36/36
Cash Flow (%/yr)	1/1/1/2/25/45/25	1/1/1/2/25/44/25	1/1/2/25/45/25	1/1/2/25/45/25
Service Life (Years)	40	40	30	30
Comparative Levelized Energy Cost (cents/kWh) <sup>4</sup>	4.4	4.7	3.9	3.5



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