

Table 1.7-1 Generic Resource Summary Cost and Performance

Resource	Capacity (MW)	Capital Cost (\$/kW)	Fixed O&M Cost (\$000/yr)	Variable O&M Cost (\$/MWh)	Dispatchable	Heat Rate (btu/kWh)	Typical Capacity Factor	CO2 Emissions (lbs/MMBtu)
Wind -- PTC	100	\$1,645	\$1,500	varies	no	na	35%	0
Wind -- No PTC	100	\$2,000	\$1,500	varies	no	na	35%	0
Central Solar (2011-2013 COD)	25	\$2,038	0	\$0.00	no	na	18%	0
Concentrating Solar Thermal with 6 Hour Storage	200	\$2,572	0	\$20.00	partial	na	35%	0
Bio Mass	4	\$2,858	0	\$80.00	yes	na	90%	0
Geo-Thermal	20	\$3,641	0	\$22.88	yes	na	90%	0
IGCC with 50% Carbon Capture	91 -- 137	\$3,912	\$2,260	\$3.05	yes	10,200	85%	103
Gas-fired CT's (peaking)	77 -- 129	\$758	\$860	\$8.45	yes	9,860	10%	119
Gas-fired Combined Cycle	470 -- 633	\$768	\$7,153	\$2.98	yes	7,353	40%	119
Pulverized Coal								
Dry Cooled 50% Carbon Capture	420	\$3,688	\$19,410	\$10.68	yes	11,341	85%	103
Westinghouse AP 1000 PWR - Nucle	960	\$2,813	\$58,000	\$0.60	yes	10,510	90%	0