

5.9.6 Characteristics of Commercial Distributed Generating Technologies, by Plant Type as of 2006

New Plant Type	Efficiency (HHV)		Typical Installed Capital Costs			Service Life (years)
	Electrical	Electrical + Thermal	Price (\$2010 per kW)	Size (kW)	Cost (\$2010 thousand)	
Solar Photovoltaic	0.15	N.A.	6,939	32	222	30
Wind	0.13	N.A.	5,274	32	169	30
Fuel Cell	0.42	0.65	7,187	200	1,437	20
Natural Gas Engine	0.30	0.82	1,797	334	600	20
Oil-Fired Engine	0.34	0.73	1,801	300	540	20
Natural Gas Turbine	0.25	0.76	1,908	3510	6,697	20
Natural Gas Microturbine	0.32	0.61	2,437	200	487	20

Source(s): EIA, Assumptions to the Annual Energy Outlook 2011, July 2011, Table 5.3, p. 42 ; and EIA, Annual Energy Review 2010, Oct. 2011, Appendix D, p. 353.