

Unit Costs: BLP vs Competitors

Technology Type	Average Generating Capacity (kW)	Power Density (W/cm ³)	Fuel Volumetric Energy Density (kWh/gal)	Fuel Mass Energy Density (kWh/kg)	Installed Cost (\$/kW)	Fuel Cost (\$/kWh)
BLP Energy Technology	1000	20	23,000	6,000	500	0
PEM Fuel Cell	25	1	9	33	3,700**	0.095
Internal Combustion Engine	100	40	33	12	1,000**	0.108
Industrial Gas Turbine	1000	1	19	12	700	0.108
Natural Gas Microturbine	100	1	19	12	2,000	0.120
Photovoltaic	10	0.01*	N/A	N/A	7,000	0
Coal	500,000	0.3	N/A	8.3	2,700	0.045
Nuclear (HTGR)	680,000	2	N/A	N/A	4,700	0.018

Source: Platts, EIA, Stone and Webster *Watts per square centimeter equipment **Current Cost of stationary distributed generation