

System Architecture: Generic 1kWh Li-Ion (400 string)
 Generic flat plate PV (56.0 kW) System Converter (14.7 kW)
 100kW Genset (100 kW) HOMER Cycle Charging

Total NPC	\$1,042,068,000.00
Levelized COE	\$0.1182
Operating Cost	\$59,197,330.00

System Converter Emissions

Cost Summary Cash Flow Compare Economics Electrical Fuel Summary 100kW Genset Renewable Penetration Generic 1kWh Li-Ion Generic flat plate PV

Production	kWh/yr	%
Generic flat plate PV	95,549	39.7
100kW Genset	145,280	60.3
Total	240,829	100

Consumption	kWh/yr	%
AC Primary Load	193,541	100
DC Primary Load	0	0
Deferrable Load	0	0
Total	193,541	100

Quantity	kWh/yr	%
Excess Electricity	43,067	17.9
Unmet Electric Load	0	0
Capacity Shortage	0	0

Quantity	Value	Units
Renewable Fraction	24.9	%
Max. Renew. Penetration	900	%

For Evaluation Use

Monthly Electric Production

