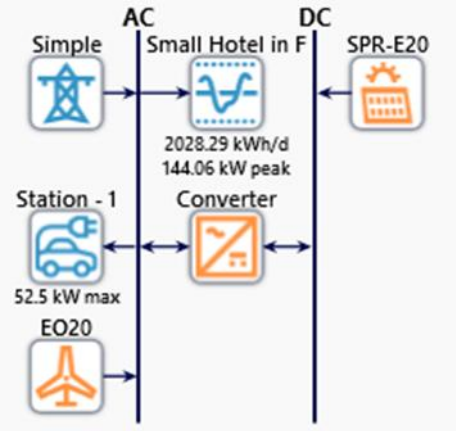
Total System

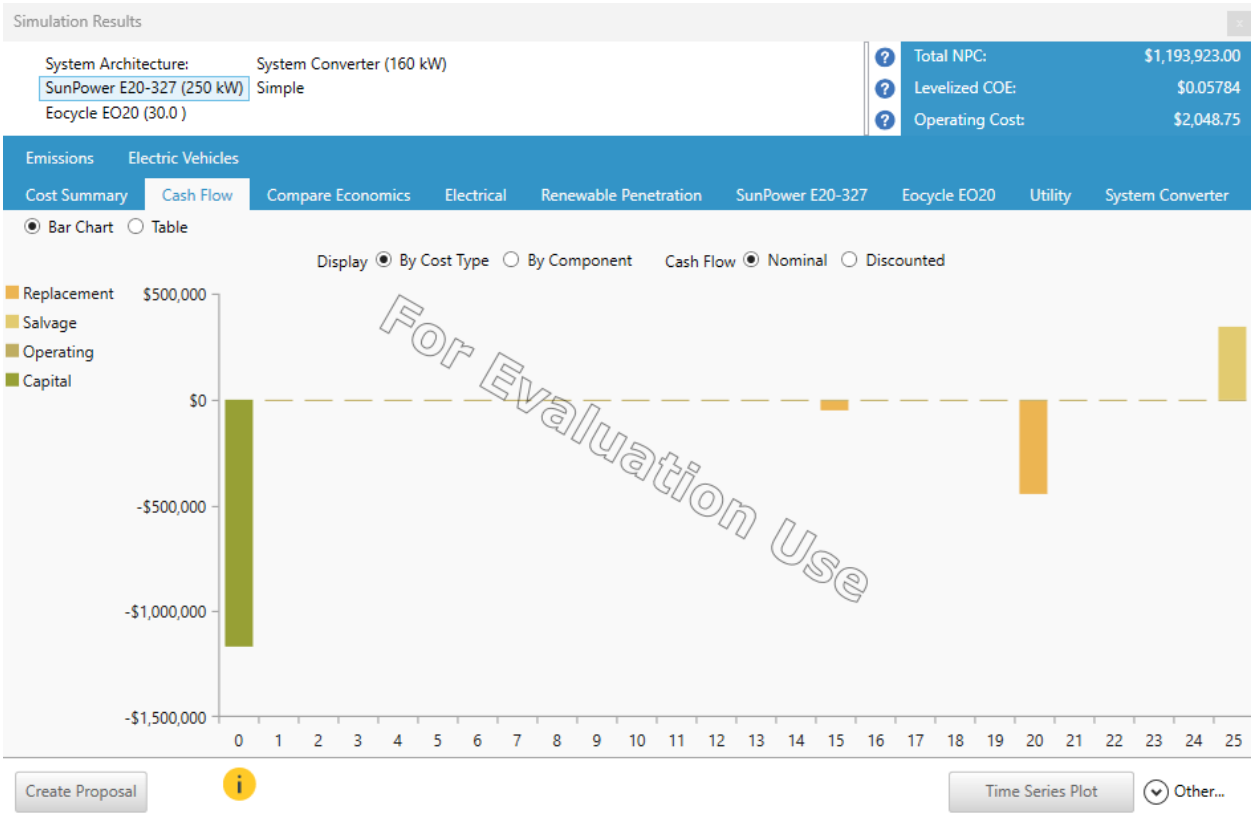


Annual Utility Bill Summary

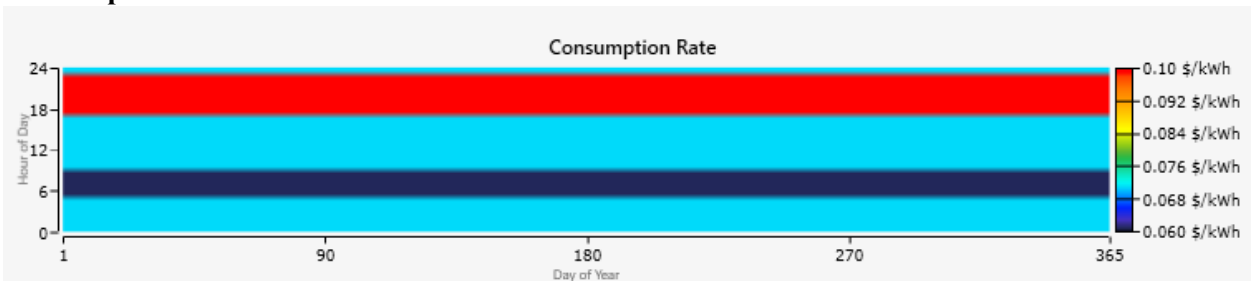
Annual Utility Bill Summary

Consumption Charge	$82,558
Demand Charge	$1,417
Demand Response	$0.00
Fixed Rate	$0.00
Minimum Rate	$0.00
Taxes	$0.00
Total	$83,975

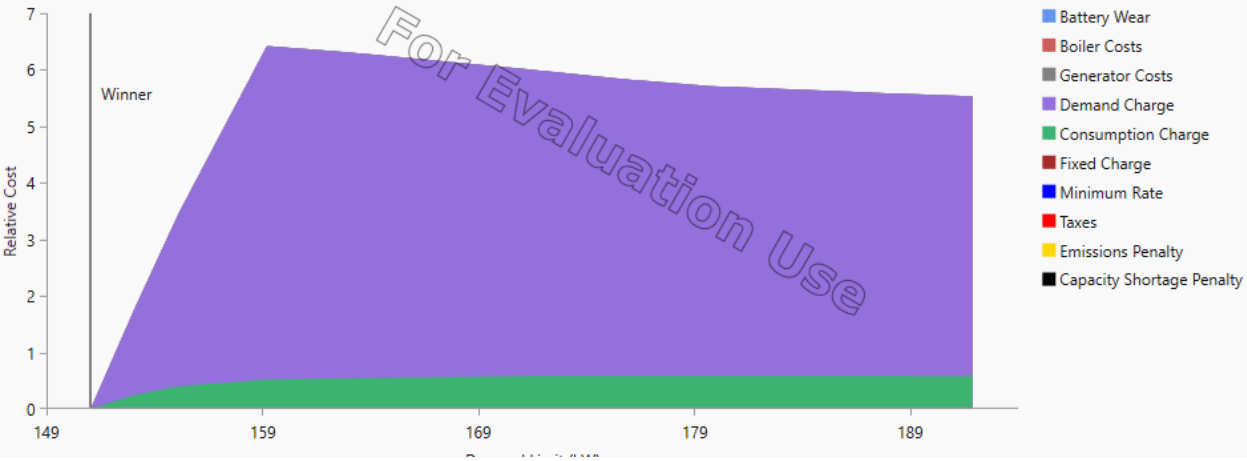
Cash Flow



Consumption

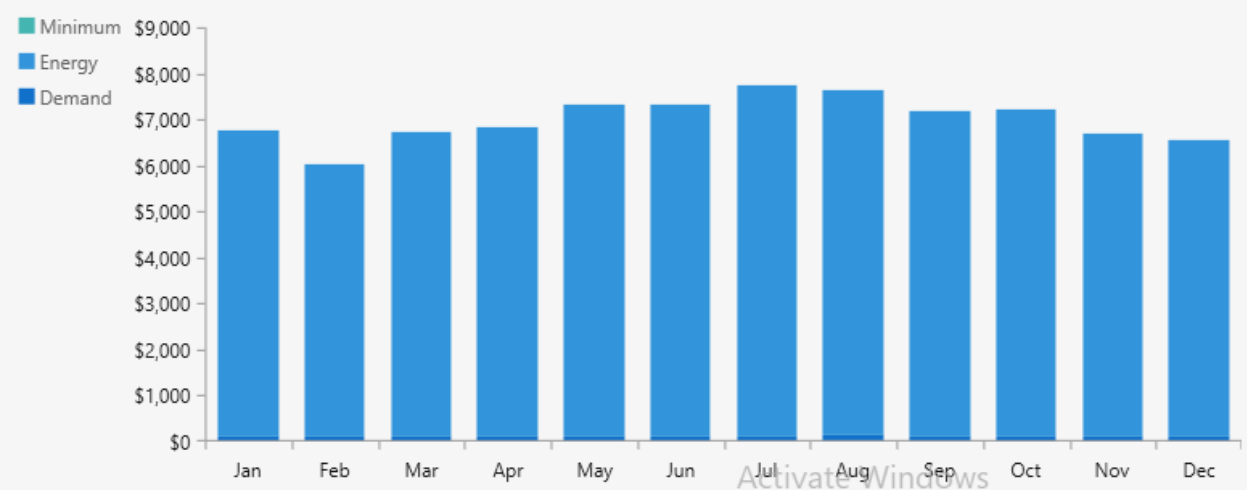


Demand limit

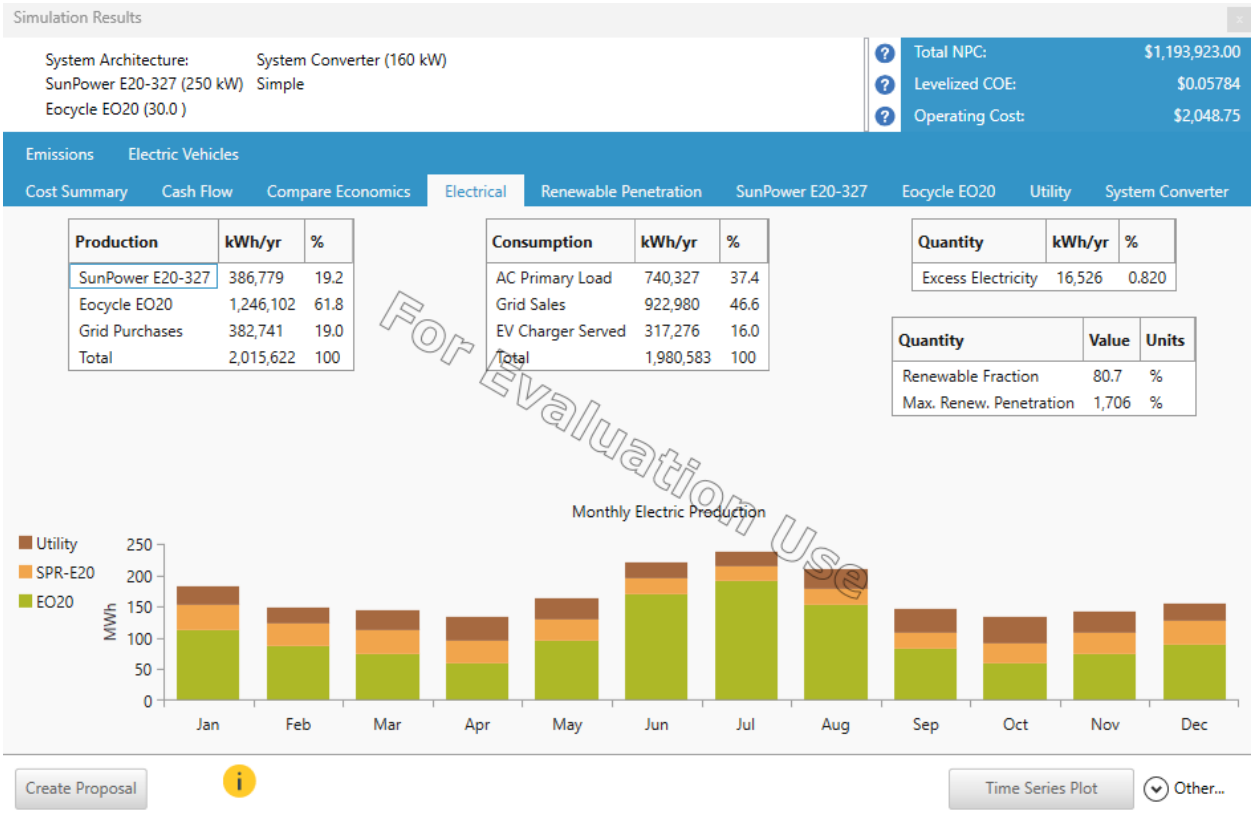


Demand Rate

Demand

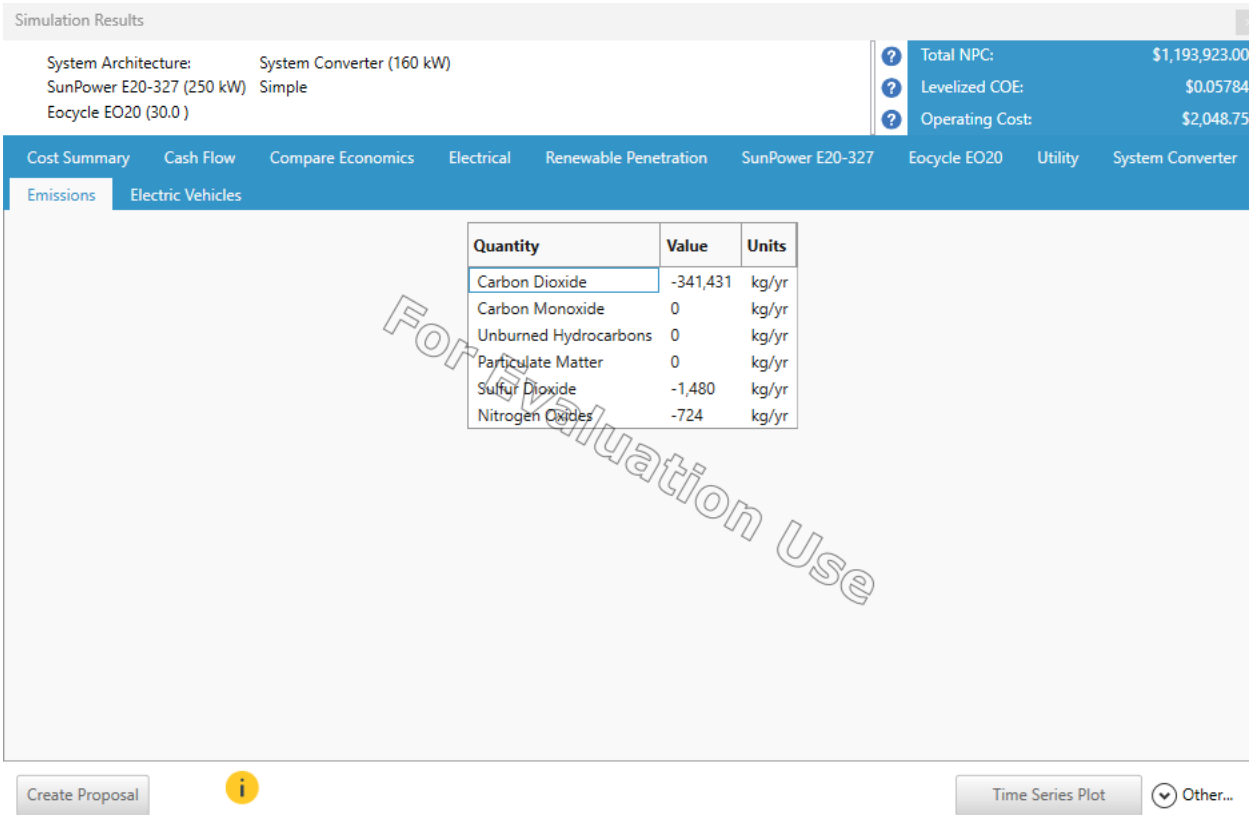


Electrical rates



Renewable Penetration

Emissions


Simulation Results
System Architecture:
SunPower E20-327 (250 kW)
Eocycle EO20 (30.0)
System Converter (160 kW)
Simple
Total NPC: $1,193,923.00
Levelized COE: $0.05784
Operating Cost: $2,048.75
Cost Summary
Cash Flow
Compare Economics
Electrical
Renewable Penetration
SunPower E20-327
Eocycle EO20
Utility
System Converter
Emissions
Electric Vehicles
Quantity | Value | Units
Carbon Dioxide | -341,431 | kg/yr
Carbon Monoxide | 0 | kg/yr
Unburned Hydrocarbons | 0 | kg/yr
Particulate Matter | 0 | kg/yr
Sulfur Dioxide | -1,480 | kg/yr
Nitrogen Oxides | -724 | kg/yr
For Evaluation Use
Create Proposal
Time Series Plot
Other...

System Converter

Simulation Results

System Architecture: System Converter (160 kW)
SunPower E20-327 (250 kW) Simple
Eocycle EO20 (30.0)

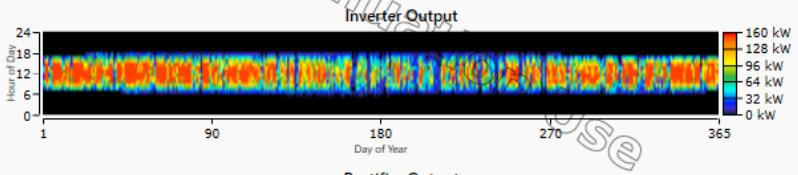
Total NPC:	$1,193,923.00
Levelized COE:	$0.05784
Operating Cost:	$2,048.75

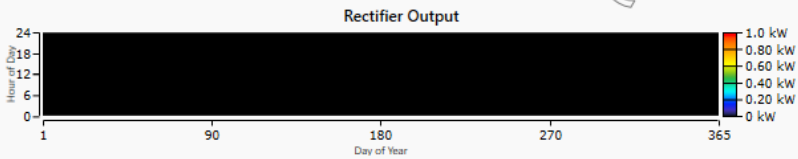
Emissions | Electric Vehicles

Cost Summary | Cash Flow | Compare Economics | Electrical | Renewable Penetration | SunPower E20-327 | Eocycle EO20 | Utility | System Converter

Quantity	Inverter	Rectifier	Units
Capacity	160	160	kW
Mean Output	40.2	0	kW
Minimum Output	0	0	kW
Maximum Output	160	0	kW
Capacity Factor	25.1	0	%

Quantity	Inverter	Rectifier	Units
Hours of Operation	4,369	0	hrs/yr
Energy Out	351,740	0	kWh/yr
Energy In	370,253	0	kWh/yr
Losses	18,513	0	kWh/yr





Create Proposal | Time Series Plot | Other...

Utility

Simulation Results

System Architecture: System Converter (160 kW)
SunPower E20-327 (250 kW) Simple
Eocycle EO20 (30.0)

Total NPC:	$1,193,923.00
Levelized COE:	$0.05784
Operating Cost:	$2,048.75

Emissions | Electric Vehicles

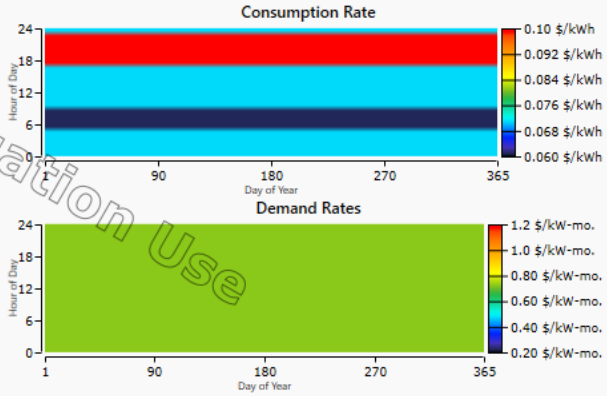
Cost Summary | Cash Flow | Compare Economics | Electrical | Renewable Penetration | SunPower E20-327 | Eocycle EO20 | Utility | System Converter

(•) Annual ( ) Monthly Graph ( ) Monthly Table ( ) Demand Limits

Name: Simple Tariff
Master Tariff Id: 10000000

Annual Utility Bill Comparison

	Base Case Simple	Current Case Simple	Savings
Consumption Charge	$82,557.95	-$15,325.90	$97,883.86
Demand Charge	$1,417.44	$1,410.31	$7.13
Demand Response	$0	$0	$0
Fixed Rate	$0	$0	$0
Minimum Rate	$0	$0	$0
Taxes	$0	$0	$0
Total	$83,975.39	-$13,915.59	$97,890.98



You may choose a different base case in the Compare Economics tab.

Utility Bill Details

Create Proposal | Time Series Plot | Other...

Cost Summary

Simulation Results

System Architecture:
SunPower E20-327 (250 kW)
Eocycle EO20 (30.0)

System Converter (160 kW)
Simple

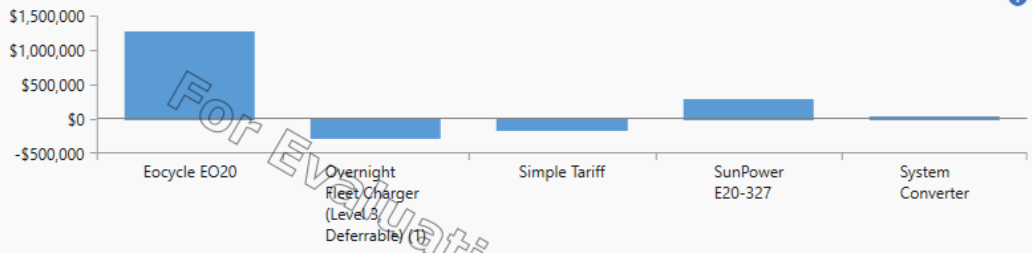
Total NPC:	$1,193,923.00
Levelized COE:	$0.05784
Operating Cost:	$2,048.75

Emissions | Electric Vehicles

Cost Summary | Cash Flow | Compare Economics | Electrical | Renewable Penetration | SunPower E20-327 | Eocycle EO20 | Utility | System Converter

Cost Type
- (•) Net Present
- ( ) Annualized

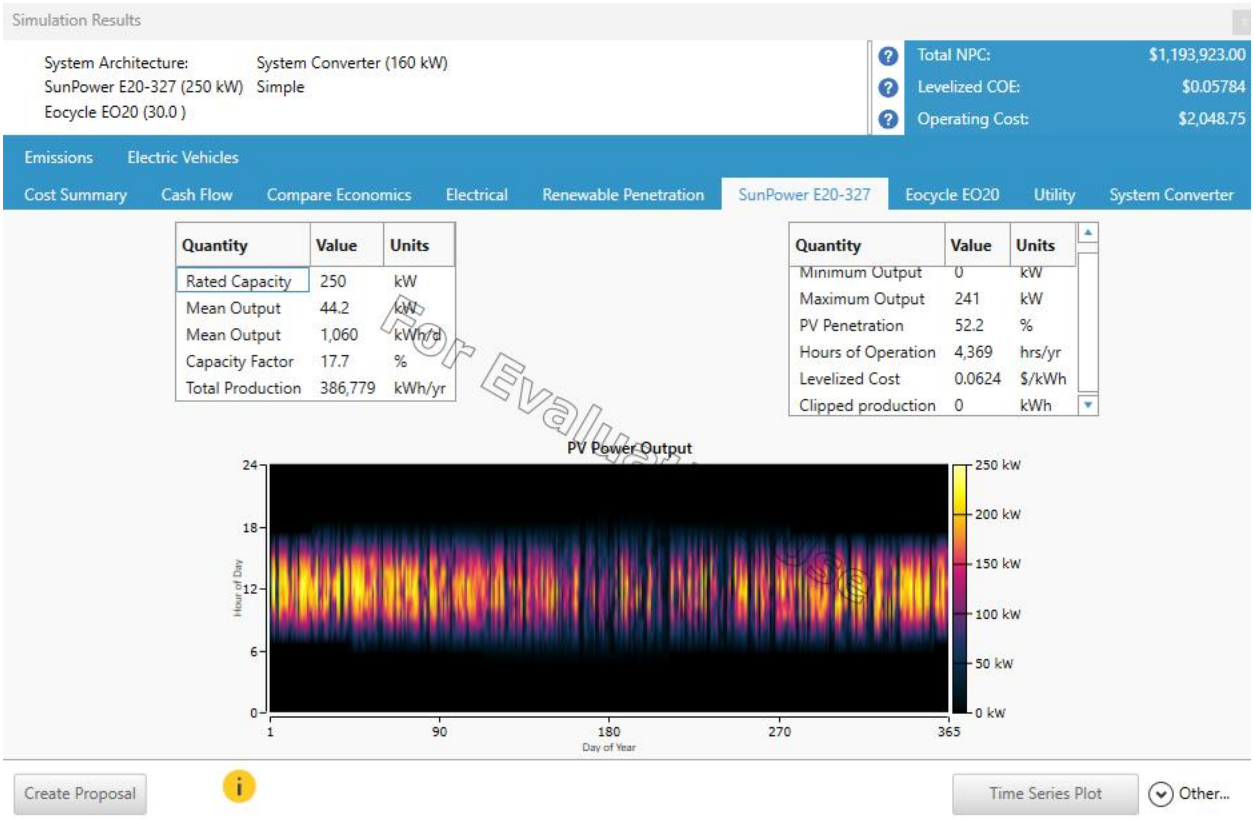
Categorize
- (•) By Component
- ( ) By Cost Type



Component	Capital ($)	Replacement ($)	O&M ($)	Fuel ($)	Salvage ($)	Total ($)
Eocycle EO20	$882,000.00	$140,594.04	$341,286.44	$0.00	-$79,233.76	$1,284,646.72
Overnight Fleet Charger (Level 3, Deferrable) (1)	$0.00	$0.00	$287,111.33	$0.00	$0.00	-$287,111.33
Simple Tariff	$0.00	$0.00	-$179,894.02	$0.00	$0.00	-$179,894.02
SunPower E20-327	$237,500.00	$0.00	$74,333.22	$0.00	$0.00	$311,833.22
System Converter	$47,937.50	$20,338.63	$0.00	$0.00	-$3,827.93	$64,448.19
System	$1,167,437.50	$160,932.67	-$51,385.70	$0.00	-$83,061.69	$1,193,922.78

Create Proposal | Time Series Plot | Other...

PV


Simulation Results
System Architecture:
SunPower E20-327 (250 kW)
Eocycle EO20 (30.0)
System Converter (160 kW)
Simple
Total NPC: $1,193,923.00
Levelized COE: $0.05784
Operating Cost: $2,048.75
Emissions
Electric Vehicles
Cost Summary
Cash Flow
Compare Economics
Electrical
Renewable Penetration
SunPower E20-327
Eocycle EO20
Utility
System Converter
Quantity | Value | Units
Rated Capacity | 250 | kW
Mean Output | 44.2 | kW
Mean Output | 1,060 | kWh/d
Capacity Factor | 17.7 | %
Total Production | 386,779 | kWh/yr
Quantity | Value | Units
Minimum Output | 0 | kW
Maximum Output | 241 | kW
PV Penetration | 52.2 | %
Hours of Operation | 4,369 | hrs/yr
Levelized Cost | 0.0624 | $/kWh
Clipped production | 0 | kWh
PV Power Output
Hour of Day
Day of Year
250 kW
200 kW
150 kW
100 kW
50 kW
0 kW
Create Proposal
Time Series Plot
Other...

Wind Turbine