



Chris Hayler
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Cincinnati, OH 45215

October 5th, 2020
Solar is Freedom

**SOLAR
IS FREEDOM**

System Specifications

Your system has been customized to maximize efficiency based on your home layout and energy needs.

System Size: 9.75 kW

Modules: 26 LG Electronics Inc. LG375Q1C-V5

Inverter(s): SolarEdge Technologies Inc. SE7600H-US (PRISM)

System Design with Layout



3 Dimensional System Design



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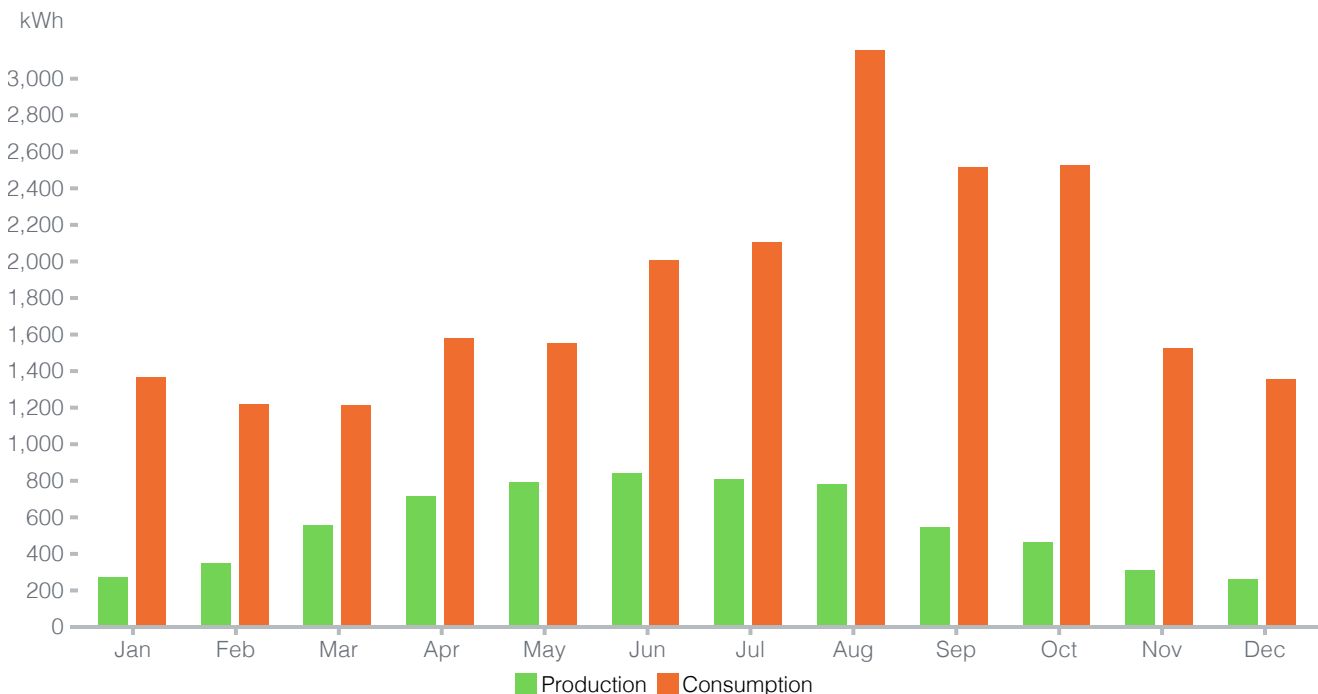
Estimated Solar Energy Production

25 Year Production: 161,091 kWh

Annual Production: 6,444 kWh/year

Monthly Average: 537 kWh/month

Approximate Month-by-Month Coverage



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System Assumptions

Average Electric Usage: per Year: 22,107 kWh per Month: 1,842 kWh
Utility Company: AEP Ohio **Utility Rate:** RS Residential Service Regular
Estimated Utility Rate Increase (/yr): 5.5 %
Estimated Yearly Production Retention: 0.3 %

Environmental Impact

Trees Planted: 3,458 **Acres of US Forest:** 110.53
Vehicles per Year: 1 **Miles per Year:** 13,351
Barrels of Oil: 314 **Pounds of Coal:** 144,839

