

Solar Comparison: Dual Axis Tracker vs. Fixed Roof Mount

Two systems, one roof mount and one dual axis tracking, are installed at the same location at a residence in Chagrin Falls, Ohio, by AllEarth dealer partner Bold Alternatives. Both systems have identical shading profiles, inverter selection and module selection.

The dual axis solar tracker outperformed the roof mount system in January 2016 by nearly double: 228 kWh compared to 442 kWh.

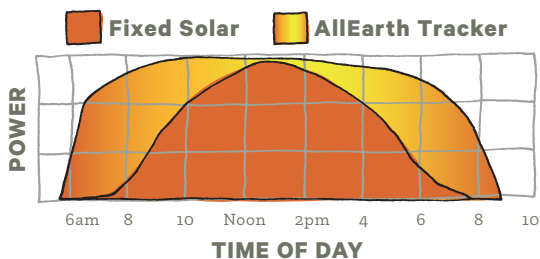
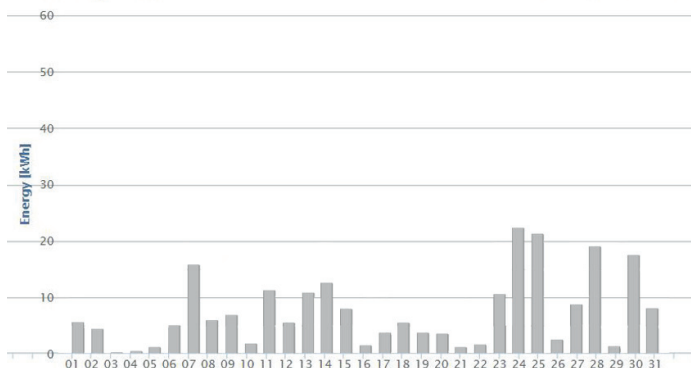
Roof Mount System Specifications

30 285 SolarWorld modules Fronius Primo 7.6 kW inverter, 8.55 kW DC



227.70 kWh
January 2016

■ Primo 7.6-1 208-240 (# 1)



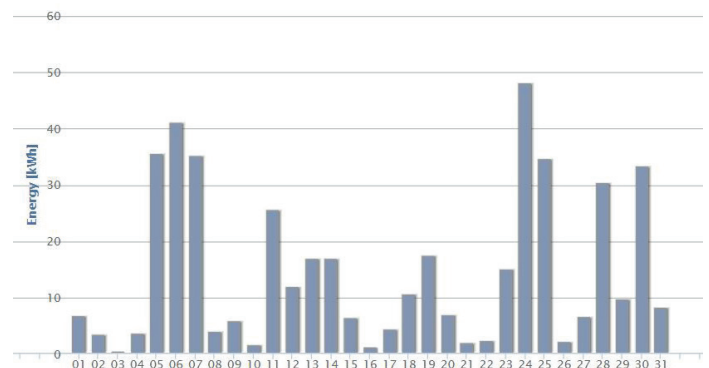
Dual Axis Tracking System Specifications

AllEarth Series-24 Solar Tracker, 24 285 W SolarWorld modules, Fronius Primo 7.6 kW inverter, 6.84 kW DC



441.67 kWh
January 2016

■ Primo 7.6-1 208-240 (# 1)



Our dual axis trackers follow the sun to produce up to 40% more energy than fixed solar panels.