

## Technical Specifications for our Solar Array



### The System:

- The system is located about 65 miles (100 km) from West Hill House B&B, in a secluded location near Poultney, Vermont—almost invisible from the nearest road.
- Total system provides 113.4kW (DC) of peak power.
- Comprised of 360 x 315W [Solarworld](#) Modules, made in America in Hillsboro, Oregon.
- System is divided into 6 rows, and each row is electrically divided in two, for 12 sub-arrays connecting to 12 SMA 700 TL-US invertors. (This design minimizes the impact of any sub-system failures.)
- Estimated annual production of 144,750 kWhs.
- The overall arrangement takes advantage of Vermont's [Group Net metering](#) statute [Title 30 Section 219a](#) recently updated with [Act 99](#).
- Went into service in August 2015.

### Specifics for West Hill House B&B:

- West Hill House B&B (though a holding company) owns 26% of the array, totaling just under 30kW peak power.
- Estimated annual production for West Hill House B&B of 37,644 kWhs.
- This production will approximately zero out our electricity cost on an annual basis, including EV charging.
- Over the 25 year life of the system West Hill House B&B will offset a total of approximately 470 tons of carbon dioxide.