



Rooftop Solar PV CASE STUDY

La Hacienda B&B

La Hacienda is a 5 bedroom commercial B&B in Chattahoochee Hills, GA just down the road from the sustainable community known as Serenbe. The owners were facing high energy bills in both the summer and winter months and were in need of a substantial energy efficiency measure. In addition to saving money, the owners were also interested in displaying their commitment to clean energy to their patrons.

Velo Solar was able to design and construct a 10KW rooftop and ground mount solar array to meet La Hacienda's peak energy demand, thus reducing their bill by an average of 40%! In addition, the ground mounted portion of the array provides an aesthetic display for all to see as the sustainable B&B produces its own energy from the sun!

The owners of La Hacienda are also monitoring the array's production with their Eguage meter from Velo Solar. This means they can verify and further display their return on investment.

Project Goals

- 5 Year Payback or Less
- 35-40% energy offset
- Display portion of the array
- Monitor solar production and facility consumption



System Size

10kW



ROI Payback Period

5 years



Energy Savings

40%