

Frankensolar was engaged to implement a full “self consumption” system for the client. This solution enabled the generated PV power to be directly consumed by the owner, on their own site.

In this way they have offset any future energy costs and will maintain a stable, well forecast electricity cost.

Further the company has enabled marketing of the fact they produce, and use their own 100% renewable electric energy.

Key Information

- Commercial scale self consumption system
- Clean energy image and marketing opportunity through climate-friendly energy
- Holistic view of production and consumption used in this needs-based installation
- Aerodynamically designed, light ballasted roof mounting system

Benefits

- The energy is both produced and consumed locally
- Increased independence from rising electricity prices hedges future energy cost
- 100 percent carbon-neutral electricity production, on site



Self consumption of green solar generated energy

Technical Data

Module	Schott Mono
Inverter	SIEMENS PVM
Total PV Power	251.94 KWp
Annual Yield	251.67 MWh
CO₂ - Reductions	222.96 t/a