

DE VLEI FRUIT FARM

CASE STUDY - 2024



Rooftop Solar PV

- Hybrid Inverter (500 kW) with 1 x Grid-tied inverter
- Generator Integrated
- Export to Eskom



Energy Engineering

- Power Factor Correction
- System Monitoring
- Consulting on Diesel Generator integration

Annual impact / stats

INSTALLATION YEAR 2023



419 t

CO2 Reduction per year



349

trees saved p.a.



662 MWh

Energy generation per year

toward
zero
in 2050

Energy security & electrical consolidation.

De Vlei Boerdery has been in the Hex River Valley since 1732. They are passionate about sustainable table grape farming for generations. Moving to renewable energy was just part of this passion. There were many Eskom points (9) consolidated to one point, which saved the farm a lot of connection fees. Our solution allowed the client to keep watering their system throughout irrigation season, during a very critical time. The solution also allows for them to use the batteries during the peak times when energy units are most expensive.

