



MAXIMUM CONSUMPTION ALL YEAR ROUND

A PV system that lets the company get on with their day job

Cambridgeshire, United Kingdom: Rising energy costs and increasing energy demand meant that Greenshoots Ltd needed a cost effective method of running their cold storage business. A 230 kWp array was purpose built for maximum consumption all year round. Excellent design and quality products were key to maximising their return on investment.

Greenshoots Ltd is an onion storage partnership with a newly constructed state-of-the-art storage facility. As well as providing economic security, Greenshoots were also interested in reducing their carbon emissions, enabling their members to collaborate in producing and marketing vegetables in an environmentally sustainable way.

Fronius Service Partner, RenEnergy, are experienced PV designers and installers that are fully aware of agriculture's challenges and needs, allowing them to design the perfect system. Using Fronius inverters was paramount to the installation. Monitoring the system using Solar.web has meant that any faults that could occur can be fixed quickly and efficiently, allowing Greenshoots to focus on what they do best, storing vegetables.

The installation has generated more than predicted for most months. It has particularly out performed predictions in May and June 2018.



OUR SOLUTIONS:

- / Experienced installer in the agricultural sector
- / Fronius Symo inverters with WLAN
- / Complete system production data via Fronius Solar.web
- / System alerts for early detection of faults



SYSTEM DATA	CAMBRIDGESHIRE, UNITED KINGDOM
Size of installation	230 kWp
System type	Commercial rooftop installation
Inverter	10 x Fronius Symo 20-3-M
Commissioned	March 2016
Annual yield	Approx 203 MWh
CO ₂ savings / year	Approx. 111 t/year
Special features	Higher than expected production

