

COMMERCIAL CASE STUDY:  
Hardwood Shed



**17.3%**  
PROJECTED ROI

'TOMORROW'S GENERATION TODAY'



# Hardwood Shed, Covers Group

This install was undertaken as part of a new build project of a large scale warehouse for prominent Builders Merchants, Covers Group. Having already worked with Covers Group on a number of projects in the South, including installation, maintenance, and upgrading of previously existing systems, Empower were called upon to perform this installation.

The East/West split panel layout results in a steady stream of energy being produced throughout the day, and we selected Solaredge power optimisers as they significantly increase energy production, resulting in a high yield and a great resulting return on investment. It made perfect sense to fit the panels as part of the build, utilising the scaffolding resulting in considerable savings to the installation.

Rupert Green, Financial Directors of the Covers Group describes the commercial installations as “...an absolute no-brainer.”

## KEY FACTS

INSTALLED  
**JULY 2014**

SIZE  
**150 KWP**

PANELS USED  
**550 X CAREYGLASS  
SOLAR 270W**

INVERTER  
**7 X SE1700 SOLAREEDGE  
INVERTERS**

**276 X OP600 POWER  
OPTIMISERS**

PROJECTED OUTPUT  
**129,458 KWh**



FIRST YEAR RETURN

**£25,686**

TOTAL RETURN  
OVER 20 YEARS

**£780,841**

## WHY SOLAR?



Enhance your  
**green** credentials



Save you **£1000s**  
every year



Protect against  
rising fuel costs

In a market often associated with pushy sales people and poor customer care, our attention to detail and honest approach to every job we undertake constantly reinforces our good reputation.

If you would like more information on how to become more energy efficient or would like to book a **free, no-obligation survey** to find out how much you could save then please get in touch.

Email: [info@empowerenergy.co.uk](mailto:info@empowerenergy.co.uk)

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