## Sustainable Energy Engineering Ltd Case Study



Solar Electric System - Commercial 24.32kW – Solar Edge/ JA Solar Grange First School - Gosforth



This 24.32kW Solar PV project was installed at a primary school. Hodgson Sayers came to Sustainable Energy and asked if we could design, supply & install a 76 panel Solar PV system.

We designed, supplied and installed a 24.32kW system using 76 x 320W panels. It took us two weeks to install.

This system would supply 21,888kW's of electric, per year. This should provide them with an annual saving of  $\pounds 2,265.41$  per year.

Customer: Hodgson Sayers / Grange First School

**Location: Gosforth** 

System Size: 24.32kW

Panel model: 320W JA Solar

Inverter Model: SolarEdge 25kW 3-Phase Inverter

Annual Output: 21,888kWh

Annual CO2 Savings: 9,412 Kg

Date Installed: March 2020



