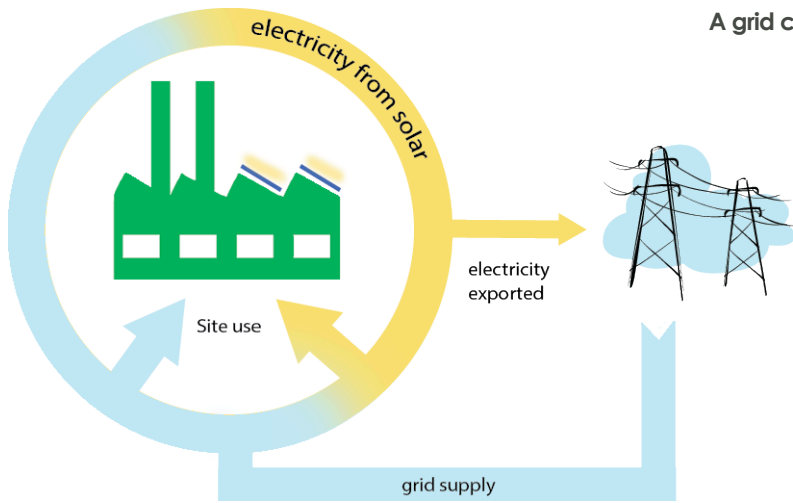


How does solar generate an income?



A grid connected solar PV system generates revenue in 3 ways:

Generate - The solar PV system generates electricity (yellow area). You are paid for all electricity generated under the Feed in Tariff (FIT) whether you use it or not.

Save - You use some or all of the electricity generated and make savings by not purchasing as much electricity from the grid.

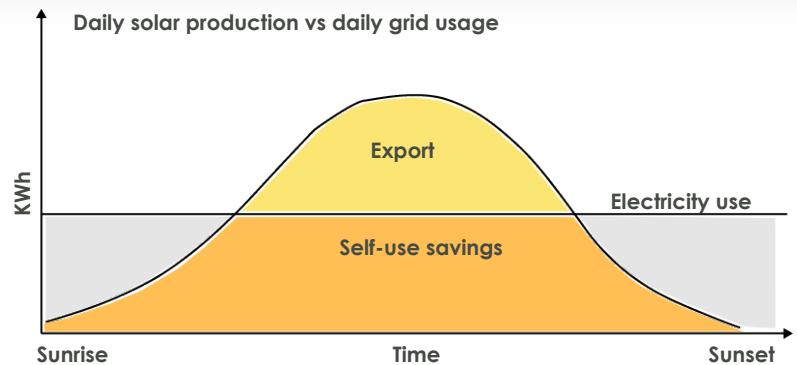
Export - Any electricity you don't use is exported back to the grid and you are paid Export Tariff in addition to Feed in Tariff.

The Export Tariff rate is around only half of your typical electricity rate. This means it is financially better to use as much of the electricity you generate yourself rather than export back to the grid. The ideal scenario is 100% self-use.

The solar production (curved line) peaks at midday. The electricity use is assumed to be constant throughout the day (horizontal line).

Example revenue from a 50kWp system:

- ✓ Grey areas **cost** 10p / kWh
- ✓ Orange area **earns** 12.57p FIT plus self-use savings at 10p / kWh = 22.57p / kWh **income**
- ✓ Yellow area **earns** 12.57p FIT plus Export Tariff at 4.6p / kWh = 17.17p / kWh **income**



How Much Will I Earn?

Earn up to 15% ROI with a 6-7 year payback period

Here is an example typical 50kWp system in York. A system of this size would be suitable for a building 10,000 sq fit or larger:



Investment Year 1

Subsidies (Feed in Tariff and / or Export Tariff)

Electricity purchase savings from the 'big six'



Total Revenue Year 25

