Solar Photovoltaic (PV) FAQ's

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Solar photovoltaic, also known as solar panels, capture the sun's energy and convert this into electricity, which can be used in your home.

How do solar panels work?

PV cells are made from layers of semi-conducting material, and when light shines on the cell, it creates an electric field across the layers. The stronger the sunshine, the more electricity is produced, however they can still produce some electricity on cloudy days.

How will this benefit my home?

- Reduce electricity bills.
- Reduce your carbon footprint.

What is the installation process and how will this impact me?

We'll need to put scaffolding up around your home to allow safe access to your roof which may block some direct sunlight.

Summary of installation process:

- Erection of scaffolding.
- Installation of panel mounts to hold the panels in place.
- Install solar panels.
- Connect electrical wiring.
- Test panels.
- Remove scaffolding.

How long will the work take to complete?

It takes approximately five working days to install solar panels.

When will I see the benefits of this?

The benefits will be greater during the daytime (year-round) and during the summer months. Using the electricity your panels generate will reduce your bills and savings will depend on system size, electricity use, whether you're at home during the day to use the energy you're producing and other lifestyle factors.

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