

How to connect the energy management system of remote solar container communication stations to the Internet





Overview

Are communication and control systems needed for distributed solar PV systems?

The existing communication technologies, protocols and current practice for solar PV integration are also introduced in the report. The survey results show that deployment of communication and control systems for distributed PV systems is increasing.

How do I connect the Power attribute to my solar system?

The connection of the power attribute in your solar asset, using 'Agent link'. You also need the forecasted power for your solar system. Therefore, remember you need to have added the access key for the external 'forecast.solar' service earlier when setting up OpenRemote and customising it.

Can distributed solar PV be integrated into the future smart grid?

In the report, the communication and control system architecture models to enable distributed solar PV to be integrated into the future smart grid environment were reviewed. The existing communication technologies, protocols and current practice for solar PV integration are also introduced in the report.

How do I run a full energy management system?

To run a full Energy Management System you will need to set up a Custom Deployment. There are many items you can configure with the custom deployment but critical is to add the access keys for two external services: OpenWeather and Forecast.Solar. These services are used to forecast the generated power of your solar panels and wind turbine.



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