

Home solar assessment: what to send us

Planning solar for your home? Please send us the following so we can assess your house.

Tick each item when you have it ready.

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1. Location

A Google Maps pin (GPS) of the house.

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2. Electricity use

Your last 3-12 monthly electricity bills.

A list of your electrical appliances, from the largest load to the smallest, with how many hours a day each is used and at what time of day (day or night).

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3. Roof or installation area

Photos of where the solar panels would go.

The approximate size of the area, and which way it faces.

The roof type and material (metal sheet, tile, concrete, etc.).

Anything that casts shade on it (trees, buildings).

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4. Main distribution board (MDB)

A photo with the cover open, plus a photo of the wall space next to it where the inverter would be mounted.

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5. Cable route

How cables can run from the roof to the MDB (conduit, ceiling space, outside wall), with photos if possible.

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6. Grid meter

A photo of the meter, showing its rating label (for example 15(45) A) and whether it is single-phase or three-phase.

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7. Main cable

The size of the cable from the meter to the MDB (sq.mm), and whether it is copper or aluminium.

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8. Single-line diagram

The house's electrical diagram, if you have one.

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9. Close-up photos of equipment

Sharp, close photos where we can read the details, for example:

- the main breaker and other breakers: brand, rating (A), number of poles and breaking capacity (kA);
- the printing on the cable jacket: size (sq.mm), type (for example THW, VCT, NYY), copper or aluminium;
- the rating label on the meter, and on any existing inverter or pump.

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10. Point person

Name, phone number and LINE ID of one person, such as your electrician or caretaker. We will:

- ask them for any further information during the assessment;
- work with them on site during installation;
- contact them for future support (checks, maintenance, troubleshooting).

Send to: LINE solaress1 · kris@solar-ess.org · Tel 063 151 6694, 089 429 6832