

The logo features the number '300' in a large, light blue, sans-serif font. A small, glowing yellow sun is positioned at the top right of the second zero. To the right of the '300', the word 'MILLION' is written in a bold, orange, sans-serif font. Below 'MILLION', the words 'SOLAR' and 'HOMES' are stacked vertically in a bold, white, sans-serif font.

300 MILLION SOLAR HOMES

THE FUTURE OF AFFORDABLE ENERGY

www.300millionsolarhomes.org



A Global Rooftop Solar Declaration

- **Global goal:** 300 million solar-powered homes by 2030
- **Voluntary non-binding agreement:** supported by Australian Government, and open to other governments (national, local) to indicate support
- **Promotes practical action to improve access to residential and distributed solar:** Simplify approvals, unlock finance, modernise grids and build skills.
- **Global cooperation:** Unite governments, industry and communities to accelerate delivery – start as a voluntary pledge at COP31 and move into more formal Action Agenda for COP32.

Global Rooftop Solar Declaration

Global Rooftop Solar Declaration - COP31 Antalya, Türkiye

Bring it home - 300 Million Solar Homes by 2030

This is a voluntary, non-binding declaration

Solar power has moved from promise to mass deployment.

In 2025, global solar PV capacity approached 3 terawatts, with more than 600 GW of new capacity installed worldwide during the year. Solar supplied around 12 per cent of global electricity consumption for the first time, and PV once again accounted for more than 75 per cent of new renewable generation capacity added globally in 2025.

This is an energy revolution. But it is not yet shared equally.

Too many households still face high power bills, unreliable supply and dependence on volatile fuel markets. Too many communities see the clean energy transition happening around them, but not for them. Too many countries have the sunshine, the rooftops and the demand — but not yet the finance, grids, rules or workforce to turn that opportunity into power.

That must change.

Rooftop solar is one of the fastest ways to put the benefits of the clean energy transition directly into people's lives. It can cut household energy costs, strengthen energy security, reduce emissions, ease pressure on grids, create skilled local jobs and build public confidence in climate action.

The world has already proved solar can scale. Now we must prove it can serve people.

Global Rooftop Solar Declaration

Our Political Commitment

We, the Participants in the Global Rooftop Solar Declaration, will work together to enable at least 300 million households worldwide to be powered by rooftop solar by 2030.

This is a promise to make the clean energy transition visible at the kitchen table, on the family budget and in communities.

It is a commitment to move faster than business as usual.

It is a commitment to make rooftop solar a mainstream national energy priority — not a niche program, not an aspirational product, and not an afterthought in electricity planning.

Why This Matters Now

The economics have changed. Renewables are now the most cost-competitive source of new electricity generation in most markets. In 2025, more than 90 per cent of newly commissioned utility-scale renewable capacity produced power more cheaply than the lowest-cost new fossil fuel alternative, while solar PV reached a global weighted average cost of around USD 0.044/kWh. The cost of electric appliances and vehicles has declined dramatically, making it easier for households to switch to technologies that can draw directly from their rooftop power, reducing both emissions and bills.



Opportunities for commercial rooftop solar and batteries in Pacific

- Churches, schools, hospitals, community buildings, warehouses, tourist resorts
- Need for Pacific commercial & industrial solar & storage strategy - assessment of current market and new C&I opportunities and investment priority projects
- Opportunity for regional & national tourist solar & storage strategies across Pacific nations, focusing on tourist resorts and major tourist accommodation sites
- Pacific Renewable Energy Commissioner can play central role in seizing this opportunity



Plug-in Solar and Batteries

- Small solar, battery units plugged into power points to power fridges, TVs etc.
- Can be attached to balconies or installed in backyards and can be moved.
- Do not require electricians to install the appliances.
- 600-800 watts of power, costing around A\$650 – 1300.



Plug-in Solar and Batteries

- Legal in Germany, UK, California, other US States
- NZ Government has announced it will be legal within 12 months.
- Australia has begun process to make it legal. Push to make it legal by 1 July 2027.
- Australia/NZ begun process of developing Standards, product rules etc.



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[https://www.solarcitizens.org.au/global rooftop solar declaration](https://www.solarcitizens.org.au/global_rooftop_solar_declaration)

<https://www.300millionsolarhomes.org>