



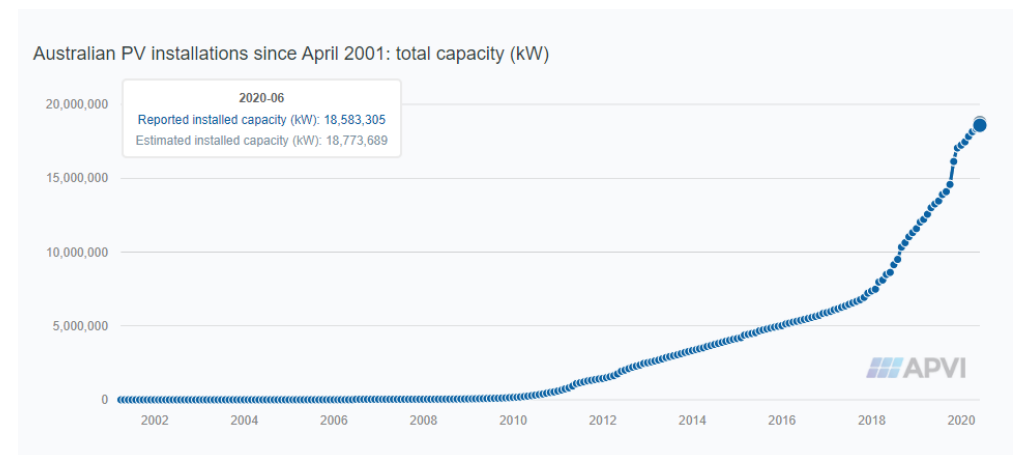
Solar is an interesting technology as its breadth is much wider than you think of on your roof or on a solar farm.

Yes, in Australia we are graced with sunny days that have caused solar panel and installation prices to drop significantly over the past 10 years. Due to this factor, solar has become an attractive option for investors and domestic households alike.

Large-scale solar almost doubled its capacity in 2019, to now supply almost 2.8GW of electricity to the grid. Unsurprisingly, one in three of these were installed within Queensland. This still only makes up 9% of the clean energy being generated (~3% of total energy). This will not remain the little cousin on the block for long however, as there are 53 new projects already at financial close.

You can then couple this large-scale output with that from its small-scale sister (systems up to 100kW), which produced a significant 22.3% of clean energy in 2019. This was 5.3% of the total electricity on the system, so maybe their little sister is growing up. Small-scale solar installations now exceed 2.3m in Australia, meaning almost a quarter of all households have solar panels.

Once you incorporate roughly 1.23m solar water heating systems with the development of the concentrated solar-thermal technologies like the one currently in use at Liddell power station, you can see the potential for growth across the solar industry. It is as vast as the solar farms which are currently being produced.



Source: Australian PV Institute