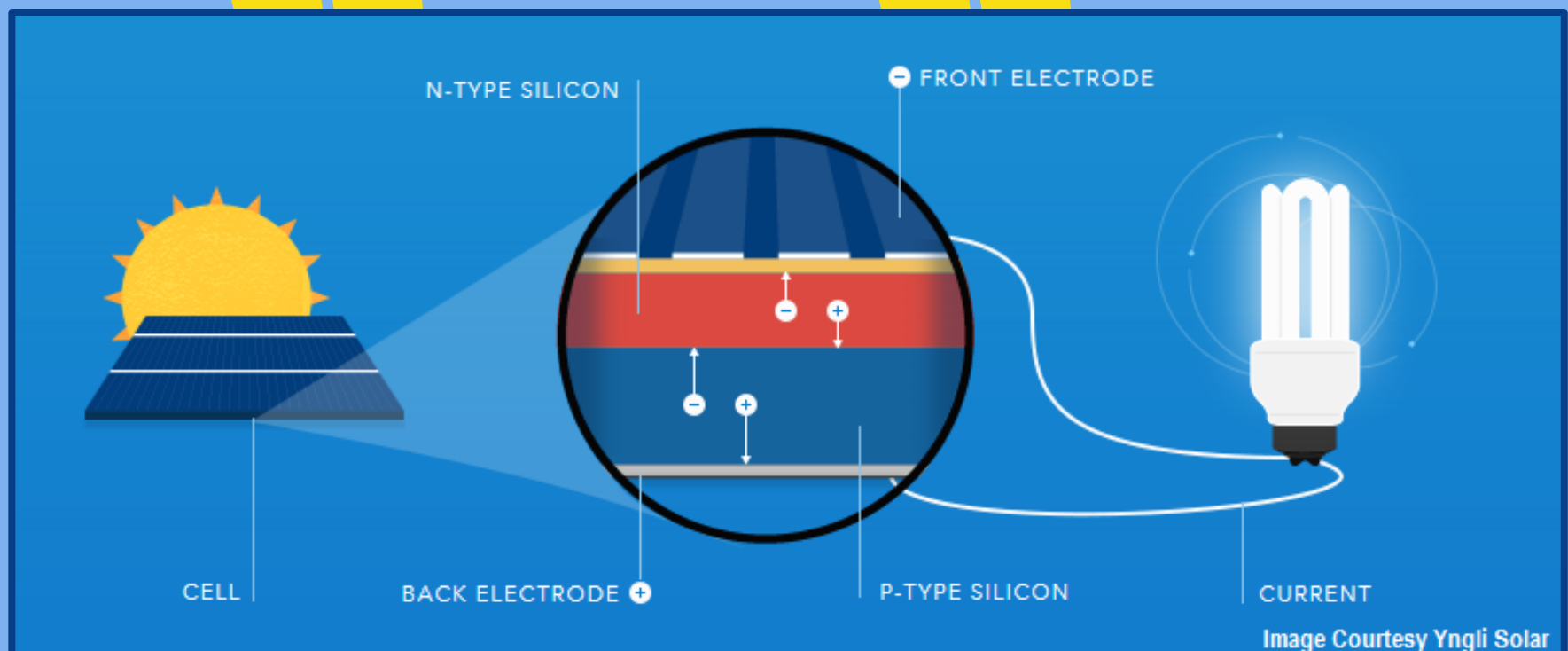


Renewable Energy Source

- Solar energy is a renewable source of energy.
- Solar is the most abundant energy source on earth.
- Australia receives an average of 58 million PJ (petajoule) of solar radiation per year. This is approximately 10,000 times larger than its total energy consumption.
- Australia has one of the highest average solar radiation per square meter of any continent.

Harvesting Energy

- Solar energy can be harvested by a number of technologies.
- Solar hot water heaters harvest heat energy from the sun.
- Solar photovoltaic (PV) panels convert sunlight directly into electricity using photovoltaic cells.



Photovoltaic Panels

- Utility scale PV power stations, like the proposed Gullen Solar Farm, consist of arrays of linked solar panels.
- Each panel produces direct current (DC) electricity.
- PV panels are wired together. The DC electricity is converted to alternating current (AC) by an inverter.

Solar Energy Facts

GULLEN
Solar Farm