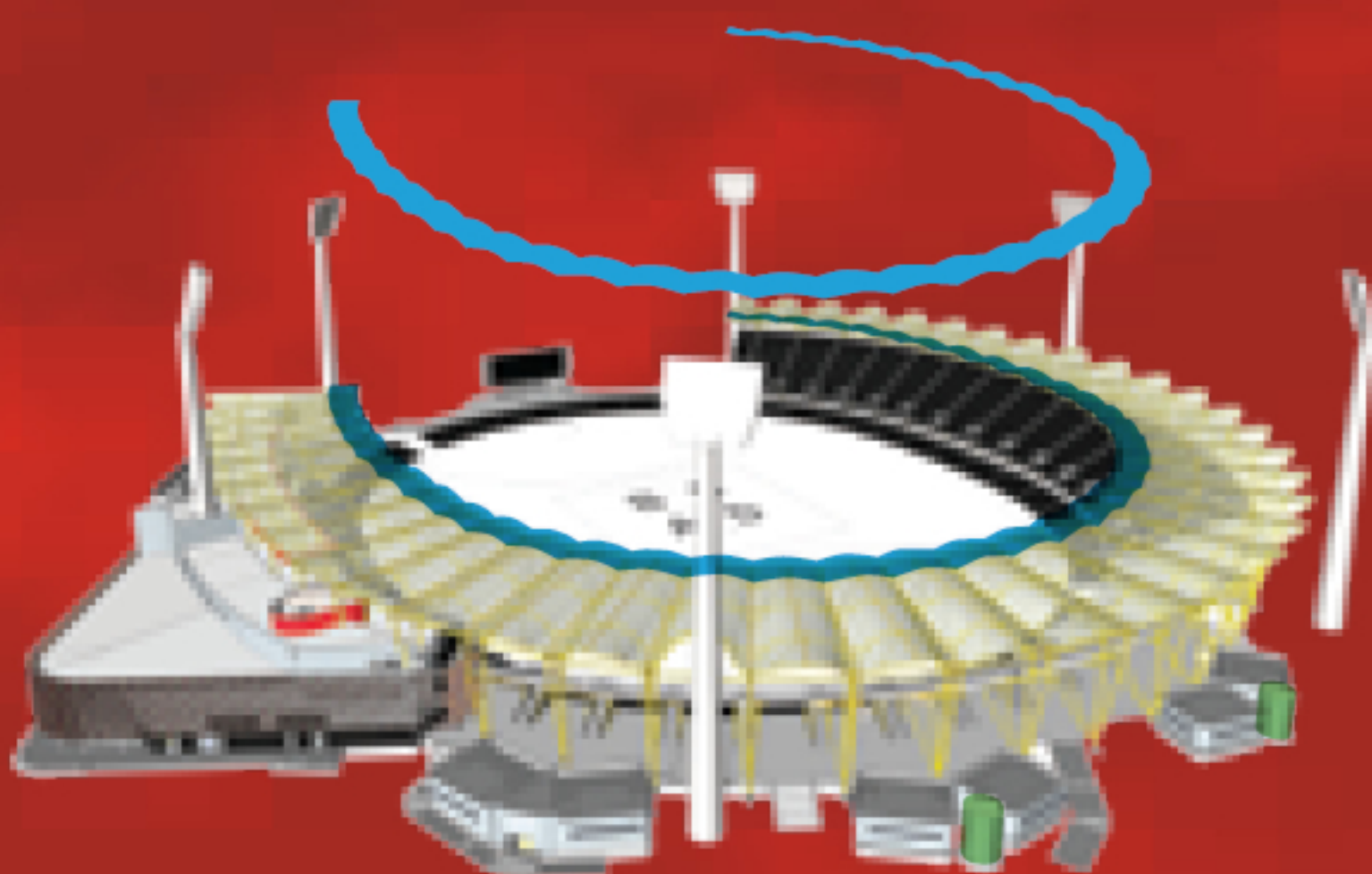


the SUN'S power

Making the most of the sun's power, the glass edge of the stadium roof is made from high-efficiency solar panels. In an Australian first, up to 20 per cent of the stadium's total electricity needs will be generated by this Solar Halo.



Facts about the stadium roof Solar Halo:

- 574 solar panel modules.
- Each module output is 376.1 watt.
- A solar panel module weights 110kg.
- The technical name for a solar panel is a Photovoltaic (PV) panel.
- There is 1937m² of solar glass.
- The system size is 215 kilowatt-peak (kWp).
- Every year the Solar Halo will generate approximately 275,000 kilowatt hours (kWh) of electricity.
- The electricity generated will be fed into the electricity grid.
- The Solar Halo is designed to be part of the roof. This is known as Building Integrated Photovoltaics (BIPV).
- Up to five metres wide of solar PV panelling is installed around the inner edge of the roof to maximise solar harvesting while also being a very visible feature of the stadium.

The Queensland Government is leading by example with high profile, globally recognised solar power projects.

Projects such as this solar stadium offer more than carbon and electricity savings. The solar stadium demonstrates to industry the potential of incorporating solar into new building projects.

The initiative highlights the generation capabilities and importance of embracing renewable energy technologies at the design phase.



Queensland
Government