



Greenplate Solar BBQ System & EVT Solar Tree

Case Study - Brindabella Christian College

Project Overview

At Brindabella Christian College, a Greenplate® Solar BBQ system was installed as a permanent fixture on the school grounds. This system provides a safe and eco-friendly cooking solution for both students and staff. The installation also includes a Solar Tree, a visually striking structure that showcases the solar array while enhancing the aesthetic appeal of the outdoor area. Beyond its functional benefits, the BBQ system is connected to digital screens within the school, allowing real-time monitoring of solar energy production and usage data. This feature not only highlights sustainability in action but also serves as a valuable educational tool for students, enhancing their understanding of renewable energy systems, the possibilities of sustainable technology and environmental responsibility.

Impact at Brindabella Christian College

The installation of the Greenplate® Solar BBQ System has transformed the outdoor area into a vibrant hub of activity. Staff and students have embraced the system, not only for its functional benefits, but also for its role in promoting sustainability and education. Events such as school fundraisers have been enriched by the presence of the BBQ, offering a cost-effective and eco-friendly solution for catering needs.

The entire system has become a centrepiece, drawing attention to the school's commitment to renewable energy and enhancing the visual appeal of the campus. Furthermore, the real-time data display inside the school has been a highlight, sparking curiosity among students and fostering discussions around renewable energy and sustainability practices.

Brindabella Christian College's successful adoption of the Greenplate® Solar BBQ, highlight the transformative potential of these systems in educational settings. By prioritizing safety, sustainability, and cost-efficiency, Greenplate® delivers a solution that meets the needs of modern educational institutions, while fostering a culture of environmental stewardship and innovation.

For more information on how Greenplate® BBQs can benefit your educational institution, visit www.greenplate.com.au

Why Choose Greenplate® BBQs for Educational Institutions?

Greenplate® BBQs offer a compelling solution tailored to the unique requirements of schools, universities, and vocational training centres:

- **Sustainability Leadership:** Demonstrates commitment to renewable energy and environmental responsibility.
- **Enhanced Learning Opportunities:** Provides a tangible example of solar technology in action, enriching STEM education programs.
- **Practical and Economical:** Offers a safe, reliable, and cost-effective alternative to traditional BBQ setups.
- **Community-Centric:** Encourages social interaction and supports school-led initiatives like fundraisers and events.
- **Flexible Solutions:** Choose between solar-powered or mains-powered electric BBQs, depending on your site's infrastructure and needs.



Key Features and Benefits for Educational Institutions

Safety First Design

- No gas required, eliminating the risks associated with gas storage and handling.
- Designed with safety mechanisms to prevent misuse or accidents.
- Cool-to-touch surfaces ensure a safe environment for students and staff.

Sustainability and Education

- Solar BBQs demonstrate renewable energy in action, fostering sustainability-focused learning opportunities.
- Connection to internal data displays creates real-time learning opportunities for students to explore renewable energy concepts.
- Reinforces environmental stewardship and aligns with sustainability-focused curricula.

Ease of Use

- Simple, intuitive operation suitable for all age groups.
- Automatic shut-off features contribute to energy efficiency and safety.
- Durable design ensures reliability and longevity under heavy usage conditions.

Flexible Energy Options

- Solar BBQs: 100% solar-powered, reducing the carbon footprint of the institution.
- Electric BBQs: Plug into 10A mains power for consistent and reliable operation.
- Both options offer durable and low-maintenance solutions tailored to the institution's needs.

Cost Efficiency

- Lower ongoing costs, compared to traditional gas BBQs.
- Minimal maintenance requirements ensure long-term savings for schools and institutions.
- Reduces dependency on external energy sources, offering significant cost benefits over time.

Fundraising and Community Engagement

- Simple, intuitive operation suitable for all age groups.
- Automatic shut-off features contribute to energy efficiency and safety.
- Durable design ensures reliability and longevity under heavy usage conditions.