

PROJECT SHEET VRC Flemington Grandstand & In Field Screen, Flemington VIC 28.8kW PROJECT

Commsolar were the principle contractor on this solar power initiative between the VRC and its renewable energy partner AGL. This is the latest development in the Flemington Green Fields Program, which commenced in 2008, and under this arrangement, the VRC and AGL are rolling out a range of sustainability programs aimed at reducing the environmental impact of all race meetings at Flemington, including the Melbourne Cup Carnival. About 40 people and three cranes were involved in installing 384 thin film solar PV modules (28.8 kW) at two challenging elevated locations: on top of the famous Flemington Grand Stand 36m above the ground, and on top of the infield information screen on the home straight. Using its design experience and expertise commsolar worked with AGL & VRC to engineer a mechanical mounting system suitable for the Grandstand curved roof and a self supporting frame for the In Field Screen. A unique mounting bracket was designed to ensure stress free mounting of the thin film panels onto the curved framework. The project was installed under an extremely tight timeframe and was completed prior to the start of the 150th Melbourne Cup Carnival with no disruptions to the event preparations.

Commsolar continues to drive and to develop its capabilities to expand into new markets. The experience of developing solutions for difficult installations for high profile clients, such as AGL Energy & VRC is a strategy that will be replicated in other markets in Queensland, New South Wales, and Western Australia.

This project demonstrates that commsolar, as a principle contractor, has the capacity to deliver innovative solutions safely to its clients within tight timelines and with minimum disruption to the client's normal activities.



PROJECT DETAILS

Client:

AGL Energy

Approximate value:

Undisclosed

Contract type:

Prime Contract Lump Sum

Timelines:

Oct 2010 - Oct 2010

Panels:

364 x 75W First Solar Panels

Inverters:

3 x SMA SMC 10000TL

1 x SMA SB1700

Location:

Flemington, VIC

