

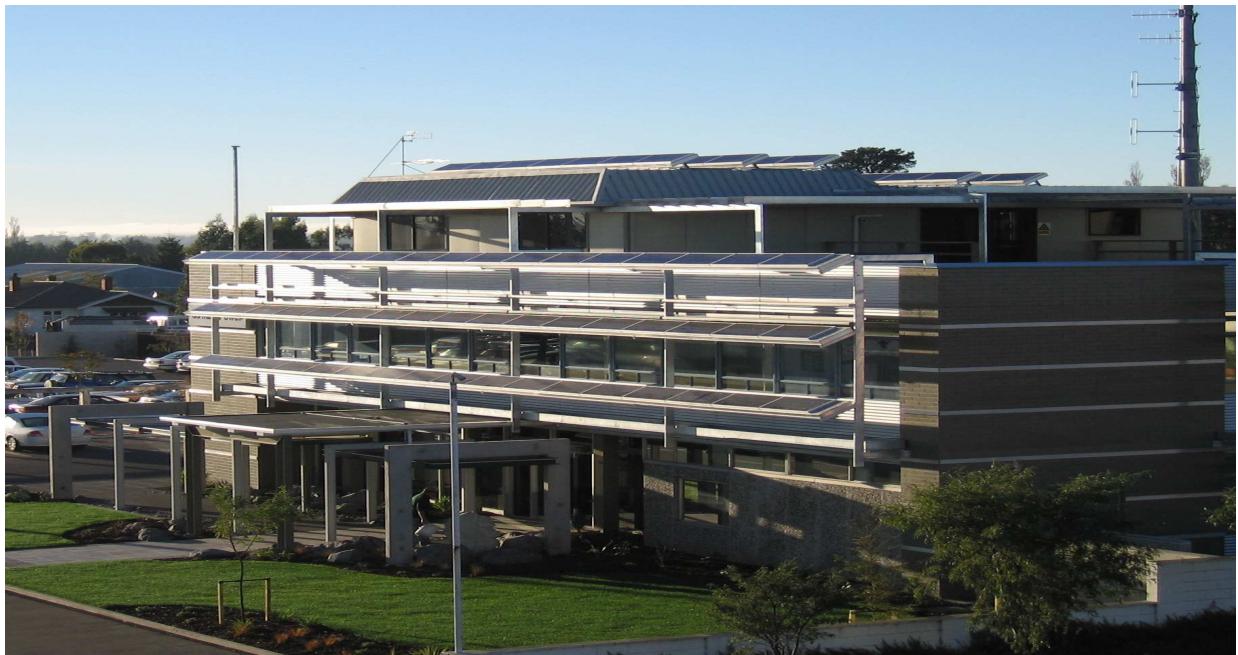
### MainPower Head Office Grid Connected Solar Installation

○ MainPower

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This project called for the design and supply of components for a photovoltaic system. This system was designed for MainPower to showcase grid interactive solar technology, and to support and promote greater investment in renewable power generation.

The modules were mounted in five rows on specially designed array frames – one row across the top of the windows of each floor of the MainPower Headquarters in Rangiora. Each row acts as a louvre, lowering solar gain into the building while also generating power to meet some of the building's needs.



The system is made up of:

- 6640 Wp Solar Array made up of 83 x Sharp Solar 80W modules
- 5 x Sunny Boy SMA Grid Connect Inverters running through a Sunny Boy Controller