Collinsville Power Station

Powerhouse Road
Collinsville, Queensland 4804
Australia

In July 2013, RATCH-Australia received a $2.5 million grant from the Australian Renewable Energy Agency to investigate the feasibility of installing a 30 MW solar thermal power station, using linear fresnel technology, on the site of the Collinsville coal-fired power station, which is being decommissioned. The solar thermal plant would have used gas to produce steam during periods of solar thermal lag. The company is also proposed to develop a 20 MW solar PV plant at the power station site. In July 2014, the company announced that the project would not proceed with a solar thermal plant because it was not economically feasible to transition the old power station to new technology. However, in October 2014, the company announced that it would, instead, construct a 36MW solar PV plant split into three areas. The solar PV plant will have more than 130,000 solar PV panels and a 33kV line will then link to the Ergon Energy distribution network. Construction was planned to start in mid-2015 and is expected to take about a year to complete. In September 2016, ARENA announced that it would provide a further $9.5 million in support to this $95.9 million project and the planned capacity was increased to 42MW. In May 2017, the Clean Energy Finance Corporation agreed to provide $60 million in loan financing for the project. Construction began in June 2017 and was completed in August 2018.

Company: RATCH Australia
Capacity (MW): 42
Status: Operating
Start Year: 2018
Technology: Photovoltaic
Fuel: Solar
Alternative Fuel: Gas
Source of Information: RATCH-Australia website (August 2013) and ABC (July 2014)

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