



AGNEW WINES

Hunter Valley, NSW

Solar PV solution

Commissioned Q1 2023

THE CLIENT

Agnew Wines is a family-owned and operated wine business based in the heart of the Hunter Valley, producing the Audrey Wilkinson, Pooles Rock and Cockfighter's Ghost labels.

REQUIREMENTS

In early 2022 Agnew Wines commenced a project to expand their renewable energy capability and reduce their emissions profile.

The primary focus in the first year was to design and implement a commercial scale Solar PV solution at the Pooles Rock processing plant.

The key Client requirements were:

- Expandable rooftop Solar solution.
- Highest-grade Solar PV hardware.
- Integrate new and existing energy reporting.
- Add real-time grid consumption to reporting.
- Vintage 2023 uses solar power.
- Meet detailed internal safety systems.

SOLUTIONS

1. 99kW Solar PV system at processing site.
2. 24kW Solar PV system at warehouse.

BUDGET

Project budget \$170k (ex GST), including project management fees.

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RESULTS

- Sunpower and Fronius equipment.
- Real-time energy reports.
- Vintage 2023 powered by solar system.
- Detailed internal safety systems met.
- Key metrics as follows:

Renewable Generation



2022 - 45 MWh
 2023 - 185 MWh

Emissions Reduction



2022 - 35 tCOe2
 2023 - 155 tCOe2

"Agnew Wines is delighted to have delivered another solar project from our long term sustainability strategy."

Managing Director James Agnew