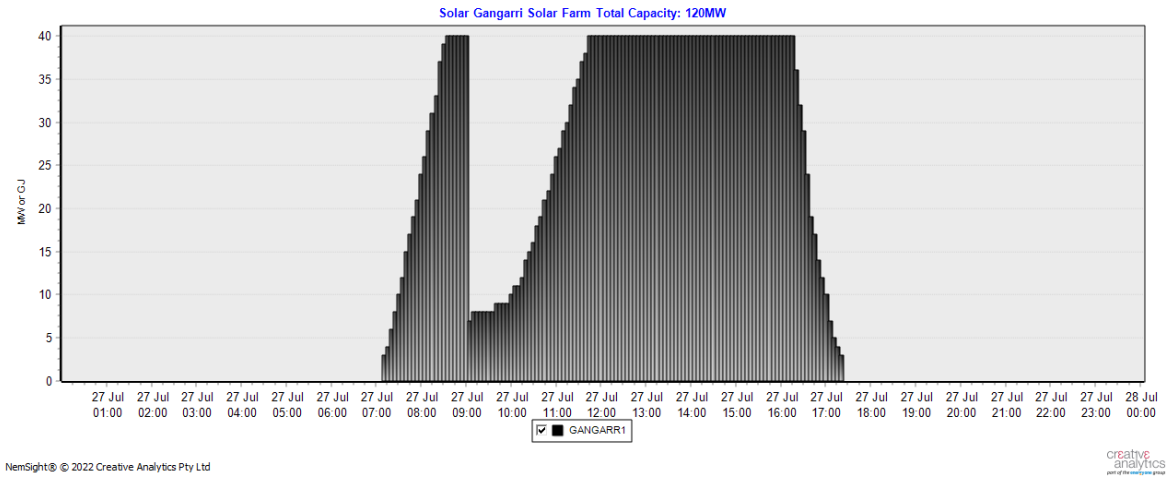
FRG email submission

From: Ron Logan
Sent: Thursday, 28 July 2022 1:11 PM
To: Energy Forecasting <Energy.Forecasting@aemo.com.au>
Subject: Single Axis PV Solar Array - Wind Speed Trigger Stowing

Hi Andrew

Single Axis PV Solar Array - Wind Speed Trigger Stowing is not an issue I have ever heard raised by AEMO at a FRG meeting. We have touched on temperature related output reductions for both wind and solar and high wind speed cut-out for wind turbines, but not this issue which impacts Single Axis PV Solar Arrays.

We are seeing this issue at our new Gangarri solar farm as it commences commission tests at higher loads. My understanding is that "stowing" of the panels occurs at a locally detected wind speed of 40 K/Hr.



There is also an interesting paper I found on the issue. https://ftcsolar.com/white-paper-download/

I suspect there will be a number of solar PV farms with a similar "stowing" feature.

Ron Logan

Senior Market Advisor

Trading and Supply

shellenergy.com.au