Wind Farm Living EDUCATING THE LAWYERS Series

Lesson 29: The Dirty Tricks of Compliance Testing

Energy Output of Australian wind farms.

The Australian Energy Market Operator (AEMO) provides publicly available energy generation information for all wind farms in Australia.

Australian wind energy output can be found at this link: <u>https://anero.id/energy/wind-energy</u>

Compliance Testing

Wind farms are required to undertake postconstruction compliance testing.

But they cheat and power down their turbines during testing so that the noise emitted is less.

They never tell authorities the turbines are turned down, and the authorities never ask.

It's a typical tactic to manufacture noise compliance.

Keep records of their Dirty Tricks

- Keep your eye out for loggers an indication that compliance testing is being undertaken.
- Take photos and keep records in your diary.
- Note dates certain turbines are shut down.
- And track their dirty tricks of curtailment during compliance testing using the AEMO information.

Today's Wind Energy Production Capacity Factor (% 06:00 21:00 Wed 03:00 09:00 12:00 15:00 18:00 BANGOWF1 BANGOWF2 BOCORWF1 BODWF1 CAPTL_WF COLWF01 CROOKWE2 CRURWE1 CULLRGWE GULLRWE1 GULLRWE2 GUNNING1 COOPGWF1 SAPHWF1 STWF1 TARALGA1 WOODLWN1 WRWF1 KABANWE1 KEPWE1 MFWF1 BILLEE1 CLEMGPWF CATHROCK HALLWF2 CNUNDAWE HALLWEI HDWF1 HDWE2 HDWE3 LGAPWF1 LGAPWF2 LKBONNY1 LKBONNY2 LKBONNY3 MTMILLAR SNOWNTH1 SNOWSTH1 SNOWTWN1 STARHLWF NBHWF1 PAREPW1 WATERLWF WGWF1 WPWF CTHLWF1 GRANWF1 MUSSELR1 WOOLNTH1 ARWF1 BALDHWF1 BRYB1WF1 BRYB2WF2 BULGANA1 CHALLHWF CHYTWF1 CROWLWF1 DIAPURWF1 DUNDWF1 DUNDWF2 DUNDWF3 ELAINWF1 ☑ KIATAWF1 ☑ MACARTH1 ☑ MERCER01 MLWF1 MOORAWF1 MRTLSWF1 MTGELWF1 MUWAWF1 MUWAWF2 OAKLAND1 STOCKYD1 WAUBRAWF YAMBUKWF YENDWF1 PORTWF SALTCRK1 YSWF1 Subtotal Total NSW1 SA1 TAS1 VIC1

Compare the Pair

If there is another wind farm in the area – you can compare the percentage operating power capacity between the two wind farms.

Technically both wind farms should be receiving the same amount of wind and therefore working at nearly the same % capacity.

If the neighbouring wind farm is working at a significantly higher capacity than your wind farm, then your wind farm may have curtailed operations during compliance testing..... Sneaky bastards.

Miskelly's tracking website has a wealth of info. https://anero.id/energy/wind-energy

The user-friendly graphing is set up for the easy identification of each wind farm's energy output.

Simply un-tick all States at the bottom of the graph then re-tick the wind farm you are checking up on.

See Below: Mortlake South wf : Undertaking Compliance testing during the Month of Sept 23.

- 1. Australian wind farm energy output 27/09/2023
- 2. Day: 27th September 2023.
- 3. Month: September 2023.

https://anero.id/energy/wind-energy



Mortlake Wind Farm – Compliance Testing during September 2023.

Mortlake Wind Farm was undergoing compliance testing in September 2023.

A neighbouring wind farm at Dundonnell was not.

Comparing the operating capacity of the two wind farms, Mortlake South was working at a lower % capacity than Dundonnell.

A question for authorities: Is Mortlake South cheating compliance using the dirty trick of curtailing during compliance testing?

