

**Submission  
No 135**

**INQUIRY INTO IMPACT OF RENEWABLE ENERGY  
ZONES (REZ) ON RURAL AND REGIONAL  
COMMUNITIES AND INDUSTRIES IN NEW SOUTH  
WALES**

**Name:** Ms Anita O'Neil

**Date Received:** 31 January 2025

---

## CENTRAL WEST – ORANA RENEWABLE ENERGY ZONE STATISTICS: WIND FACTORIES

The Central West – Orana REZ is being treated as a sacrifice zone by federal & state govts, & pro renewables politicians. In the Central West, communities, farmers, agricultural land, remnant Brigalow Belt South Bioregion vegetation & dependent wildlife, including critically endangered, endangered, & vulnerable wildlife, are being sacrificed in the political drive to achieve a nebulous CO2 emissions target. It is incongruous that if NSW achieves this target, it will have NO impact on global emission levels, with the biggest emitters: China, India, & the USA, continuing to increase their CO2 emissions!

Currently there are 7 wind factories approved & in planning for the Central West:

Liverpool Range WF (Coolah)	185 wind turbines	Approved
Uungulla WF	97	Approved
Valley of the Winds WF (Coolah)	148	Planning
Spicers Creek WF	117	Planning
Burrendong WF	105	Planning
Piambong WF	85	Planning
Bodangora WF	33	Planning

A total of 770 turbines. The Chinese manufactured 770 turbine component parts will be trucked from the Port of Newcastle to the Central West, along the Golden Highway. A distance of approx. 300kms. The NSW state govt has announced plans to upgrade the Golden Highway, at taxpayers' expense. There will be a total of 19 upgrades along the Highway, including a diversionary road. The turbine component parts will be moved by OSOM vehicles along the upgraded Golden Highway.

What the movement of 770 turbines entail?

Each turbine has three blades. So, 770 turbines x 3 blades = 2310 OSOM vehicles for the blades!! Then there are the nacelles: 770 of them! 770 OSOM vehicles for the nacelles!! Then there are the towers. Each tower is made up of three component parts & the parts are assembled on site. Each part requires an OSOM vehicle. 770 turbines x 3 tower parts = 2310 OSOM vehicles for the tower component parts.

So, 2310 OSOM for blades + 770 OSOM for nacelles + 2310 OSOM for tower component parts. A total of 5390 OSOM movements along the 'upgraded' Golden Highway!! 5390 journeys!!!

And this is just the wind factories!!!

Also planned for the CWO REZ, again with movements from the Port of Newcastle to the Central West:

- 27 solar factories
- 6 battery energy storage systems (BESS)
- 2 energy hubs
- One 500 kV switching station

Thirteen 330 kV switching stations

Twin double circuit 500 kV transmission lines (around 90 kilometres)

Single and double circuit 330 kV transmission lines (around 150 kilometres)

Underground fibre optic communication cables

A new microwave network to provide a secondary communications link.

And all these renewable component parts & transmission lines parts will need to be moved along the 'upgraded' Golden Highway.

Both the fed & state govts are FAILING to look at the CUMULATIVE impact of industrialisation of the Central West on communities, wildlife, services & infrastructure.

The RURAL Central West will be obliterated. It will become the INDUSTRIALISED Central West. And nowhere will be safe!

Anita O'Neil