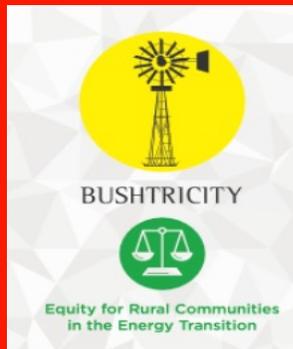


IPC Public Meeting Thunderbolt Wind Farm

SSD -10807896

Mark Fogarty

Bushtricity Pty Ltd



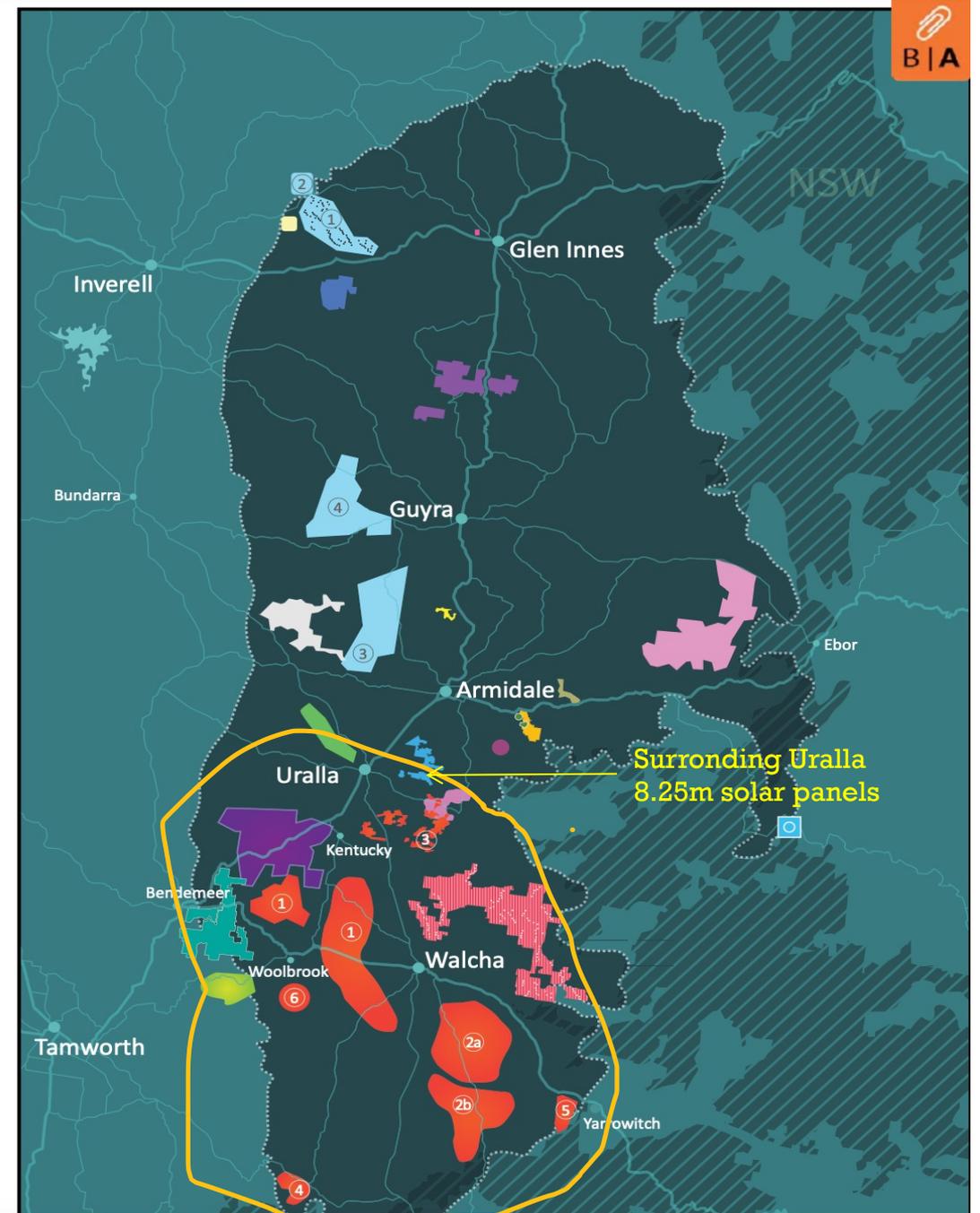
Cumulative Impacts in Southern NEREZ

- There is common agreement that the REZ Concept was rushed – there was no strategic landuse planning. Yes ISP but below that ‘no what projects go where and why.’
- It resulted in a gold rush of developers and originators off the chain –dropping off the existing 330 KV – Neoen were no different
- Planning System was not really set up to deal with strategic landuse planning - the LGAs and their LEP were taken out play subservant to iSEPP this and that.
- NSW Planning Governance was slow to react;
 - Agriculture Commissioner stumble bumbled in trying to define sustainable agricultural land – ultimately Large Scale Solar
 - 2021 NSW Cumulative Impact Assessment Guidelines.
 - No real definition as to study areas – so Developers take broadest interpretation to suit their development intent.
 - No real definition as to environmental baseline which need to cumulatively assess impacts.
- Energy Co – not a real CIA – the CWO assessment of benefits – useless
- NSW Upper House Standing Committee recommended CIA – maybe nullified by Government.
- The NEREZ could possibly be 8-10GW mostly all wind –so it wont be the last time the IPC will confront the CIA issue
- Follow-up submission to IPCN will confirm TWF should be denied consent.

The Cumulative Effect

In progress and proposed renewable projects in the New England REZ (Renewable Energy Zone) as at 9 January 2023

DEVELOPER	PROJECT NAME	TYPE	NO. TURBINES/ SOLAR PANELS	MEGA WATTS	SOURCE
Vestas, Copenhagen Infrastructure + WalchaWind <small>(originally owned- Walcha Energy)</small>	Winterbourne Wind	Wind	119 <small>(project up-date 1/8/21)</small>	700	Planning Portal NSW
Walcha Energy <small>Note: the renewable energy resource of the Walcha Energy Project is in excess of 4000MW. * Source: at Sept 2022 www.walchaenergy.com.au/</small>	1. Ruby Hills Wind	Wind	140	860	<ul style="list-style-type: none"> walchaenergy.com.au Aemo.com.au > NEM Generation Aug 2022 rubyhillswind.com.au dungowanpumpedhydro.com salisburysolar.com.au
	2a. Brackendale Wind North	Wind	80	500	
	2b. Brackendale Wind South	Wind	30	200	
	3. Salisbury Solar	Solar	2.4 Million	700	
	4. Dungowan Hydro Battery	Hydro		300x8hr+	
	5. Tia Windfarm	Wind	50	300	
Neoen	1. Thunderbolt Energy Hub	Wind	?	380	WindMap
	2. Thunderbolt Energy Hub	Solar	Est 60	120	
	3. Thunderbolt Energy Hub	Battery	Est 70	400	
Cubico	Salisbury Wind	Wind	Est 60+	360	Senior Advisor 0467 068 264
ACEN Australia	New England Solar Farm	Solar	2.6 Million	720	newenglandsolar.com.au
		Battery		50x1hr	
Unknown	Woolbrook	Wind & Solar	? Early Stages	??	Unknown
Metis Energy	Bendemeer Renewable Energy Hub	Wind	?	380	bendemeerenergyhub.com.au
		Solar	?	210	
		Battery	?	200x2hrs	
Oxley Solar Farm	Oxley Solar Farm	Solar	3.85 Million	215	oxleysolarfarm.com.au
Infrastructure Capital Group	Rangoon Wind Farm (N/S)^	Wind	25	130	Planning Portal NSW
		Battery		100x4hrs	
Providence Asset Group	Solar PV Farm (Guyra)	Solar		4.5	Planning Portal NSW
CWP	1. Sapphire Wind Solar Farm ^	Wind Solar	75	270 180	CWP Renewables
	2. Sapphire Battery Hub ^	Battery		30	
	3. Boorolong Wind Farm	Wind		270	
	4. Unknown name	Wind	?	?	
Goldwind	White Rock Wind Farm ^	Wind	119	175	White Rock Wind Farm
EDF Energy	Yarrowyck Wind	Wind	?	?	
EDF Energy	(Limited details)	Wind	?	?	
FRV	Metz Solar Farm	Solar		115	Metz Solar Farm
Enerpac	Tilbuster Solar Farm ^	Solar		152	Tilbuster Solar Farm
Canadian Solar	Sundown Solar Farm ^	Solar		360	sundownsolarfarm.com.au
Glen Innes Windpower	Glen Innes Solar Farm ^	Solar		4.5	gleninnessolar.com.au
Res Group	Res Solar	Solar	?	?	
Epuron	Doughboy Wind Farm	Wind	50-60	300	Planning Portal NSW
Infinergy (Boralex)	Olive Grove	Solar		29.9	olivegrovesolarfarm.com.au
	Stringy Bark	Solar		29.9	infinergy.co.uk



Thankyou

