

**Submission
No 11**

SUSTAINABILITY OF ENERGY SUPPLY AND RESOURCES IN NSW

Name: Mr Andrew Field

Date Received: 8 August 2019

I have att all the reasons why wind farms should not be built and are not cost affective.
If you have any questions please contact me and I would be more than happy to meet.

Regards Andrew Field.

I Andrew Field of "Wattle Vale" object to the Rye Park Wind Farm for a number of reasons.

Firstly, I must say we have been offered to host towers in the early days, up to 7 on my fathers land. I am a very factual person, fair and just. I don't let sentimentality get in the way of business decisions. I let the facts speak for themselves.

So the more investigations I have done, the more questions I have asked, the more I know how bad they are and how bad this whole project is. Anyone with half an idea that reads the information and sticks to the facts will have the same opinion.

I have worked all my life to buy a property out of town for my family to get away from the daily grind, and finally 8 years ago had the opportunity to buy Wattle Vale. Now, all that I have worked for and why we live there can potentially be taken away from us. The peace and quiet and the views from the hilltops are priceless.

We purchased this property as a "Lifestyle block", not as a rural enterprise. There are a lot of people that have moved into the area for the same reason we have, this makes the land more valuable and more inhabitable.

The closest tower will be 500m from our boundary fence, 3.6 km from our house. Now the micro sighting has been taken to 250m it is possible to have a tower with 250m of my boundary. We use this area for recreational activities and camp with in 350m of the boundary at the end that the towers will be placed. This will be within 600m of our camp site! Also R315 is our shed and our other camp site, this 1.5kms away from the tower grouping in Hugh Cooks, towers 102,103 and 104. We have not been consulted on this at all, I have brought it to the attention of Trust power more than once and I am a member of the CCC and brought it to the meetings as well with no response and no one to consult us on the out come of us being so close and how we are going to be affected. R102 will also be in the boat with us.

How can R56 have so much power on what happens to tower 145 and someone like us that will be affected as bad if not worse. Everything I read asks what is within the 5km distance - why? Does this mean we are going to be affected within the 5km distance?? If we are who is responsible, and who do we seek compensation from??

We can already see other Wind Towers from our property: -

~ Gunning	31 Towers	31 kms away	-Biala ??	16 kms away
~Cullerin	15 Towers	36 kms away	-Crookwell 2 ??	40 kms away
~Grabben Gullen	73 Towers	39 kms away		

All are easily visual from our farm NOW!!

They are older ones that are smaller (132m?) than the ones proposed at Rye Park which are 157m tall.

NOW they want to put in an amendment in and go for 200m tall and + 5MW !

How the hell is any one going to Curtilage my place??? I want someone to come to my house and block and tell me!

With Rye Park (84 proposed), Bango 122, Conroys Gap 15, Coppabella 82, Gunning 31, Cullerin 15, Grabben Gullen 73, Crookwell 84 and Rugby 54, when it is discovered that they can hook onto one of the other proposals we will have a total of 560 Wind Towers in my area, mostly within 3.6km distance, and 10-30km radius from my house!! That would be TOTAL SATURATION AND VISUAL POLLUTION that could only be measured after it is too late. The area is too populated and too valuable for this type of industrial proposal.

Upper Lachlan Shire Council Mayor John Shaw can be quoted from the Goulburn Post back on 12th July, 2013 saying the following: - "It's getting towards a bit of a saturation point now", "Wind Farm over load", "Land Values in the Shire have actually decreased because of the amount of Wind Farms in the area". "We don't really want to get to the point where we would have a Wind Tower on every hill, but it is starting to get to that stage". "I suppose I'm asking when is enough actually enough?" he said.

Remember this is the Mayor of the Upper Lachlan Shire Council, and I agree, when is the Department going to realize that we have already ruined enough land with the visual impacts of these towers.

I have people come and stay at our house and the first time they see the view they fall in love with the place, I can only imagine the distress people are under, living in closer proximity to the towers and non involved like R47, 48, 50, 53, 324. And all the others on Fig. 8-6 (page 131). They will all be affected a lot worse than I, and I can't imagine the stress they would be under at this time.

Even in the Department of Planning and Environment's draft South East and Tablelands Regional Plan, it states that the area proposed is "High Environmental Value" in Fig. 4, 26 & 27. Why you would consider putting such a large amount of Infrastructure that can cause such destruction and have such a high visual impact from up to 50kms + around is beyond me, and in noted "High Environmental Value areas" is unbelievable.

You should be proposing Solar Farms like Royalla, Mugga lane ACT Then you would have a different response. We don't want our landscape ruined for such a short term project and a long term loss for everyone concerned.

I am sure that if you asked the host of the Wind Towers to let them put them on their land for free because it's so "green" we would have a vastly different outcome. Money changes peoples perspective on things.

It worries me that our Government is chasing Co2 – Co2 is only .4% of air and Australia only contribute 1% of that .4% of air. If the Government wants to put our money into renewables to tick the green box we should be looking at more long term returns on our investments. Wind is only good for 20 years, that's not long enough on such a large scale Investment. Solar or Hydro has to be more beneficial and more environmentally friendly than this disaster they are proposing here.

We should be looking at electric cars and charging stations for the future. Look further than 20 years ahead and be proud of what we have created, not worried on what the out come will be and destroy our landscapes.

The environmental impact will be unsustainable and unmanageable in our area with the unstable erodible soils we have. I have copy's of maps to prove it.

To propose to clear virgin timber, estimated 190 acres and call this project green or sustainable – it is not. Strip 632acres 'they say' on a 34km long work site, this is madness on any scale. To be able to place a tower with in 50m from a hollow barring tree is madness. Is this from the tower blade or post?

This type of power generation affects the power grid and still needs to be backed up with Coal or gas fired Power Stations. Wouldn't it be easier with Solar and batteries?

Solar now has Battery back-up, and is affordable for the home owner to put into place without the massive Infrastructure and Environmental destruction proposed here.

Proposed ~ 84 Towers, 157m tall, 3MW +. All data is on 1.5MW Towers!! Nothing should be approved until we have proper Data on all areas of concern on the size and MW output on these towers. We need the data to determine the safe set backs, otherwise we are approving something we know nothing about.

Power lines, the 330v line installation alone will be a massive job. The environmental and visual impact that the project will have on all of us will be with us forever.

The visual impact this project and others like Bango (192m tall, 8km away) is going to be devastating to the whole landscape and the total impact will not be able to be quantified until it's too late.

In the RTS it shows 145 towers and 23 deleted – this leaves 122?? **Has this been cut and pasted from another proposal??** If there are 84 towers now, when are we going to add the 6 monitoring towers to the total??

We have 3 Wedge tail eagles that live just above our house in virgin timber, there is a tower proposed 500m off my boundary and I am very worried about the bird's welfare. With the 250m micro siting this could be only 250m off my boundary. What about the superb parrot? I thought they were protected! They will have no hope.

Access Tracks – they keep saying they have deleted some to lessen the impact. Yes – they have deleted 7 tracks. BUT they have moved them and installed 7 new ones in a different location, so the situation is unchanged. The maps are so hard to read it is a joke! Where are the tracks now? No one knows, It needs to be in black and white or colour before any approval is given other wise they will be able to do what they like.

Traffic – I am worried about the welfare of my family and myself trying to live on such a dangerous road with the proposed traffic movements for over a 2-year period with little to no improvements. Cooks hill road wasn't being used and now I find out it will be. How many movements a day? And what's the definition of a heavy vehicle? RMS say its anything over 4.5tons, so what is trust power saying now? Its hard to keep up with all the changes and lies.

I am a member of the CCC, the meeting process from when I had my first meeting to now has been a very disappointing experience. From the first meeting with no minutes getting taken and myself being the only uninvolved

land holder, to now still not happy with the balance of involved/non-involved land holders, and with mostly no Council Representatives in attendance. It's like no one cares and thinks it's going to go ahead no matter what happens. The whole CCC process should be ran by a 3rd party and minutes taken and documented. At the moment it is a joke.

The VPA at \$2,500 per tower is a joke. Trust power is offering neighbor agreements to people within 2km is just a gag clause, remember the Gare Family. Remind me why common sense hasn't prevailed yet ???

The way Trust power conducted themselves at the Public Meeting at the Rye Park Hall was unprofessional and unforgivable. Who has bodyguards at a public open day in a small country town and then calls the Police because they feel threatened by an 80 year old man, and another man that has just had a knee operation?? Was this just to get some press?? The Department of Planning had an open night not long ago with no bodyguards and no issues.

Trust power does a good job of prettying itself as "squeaky clean". With a little investigation the facts speak for themselves, look at South Taranaki Wind Farm Proposal and SA here in OZ.

Have Trust power opened another \$2 shelf company – Rye Park Wind Developments?? which they can walk away from at any time?? Sorry they are calling them self TILT now, Isn't this plain to see that it can be wound up or sold off easily if things aren't going to plan. Changing the name 3 times in a couple of years before it has been approved?? I have No Trust in them!!

Fire Risk – I am an active member of the Rural Fire Service and also operate heavy machinery at fires to assist in the containment of large or dangerous fires. The installation of towers increases the risk of fires starting from lightning strikes and tower failures. Map/fig 8/7 page 133 clearly shows the whole proposal is in a bushfire prone area. The topography of these areas means there is an increased reliance upon aerial support in a fire event. The aerial support will be required to fly 500 meters above 157 meter towers and will be largely ineffective, dropping water from 660m high will have the water dissipating and/or evaporating before it reaches the ground, no affect at all.

We are the only Country placing towers in fire-prone areas, we have too many fires in our area now, we don't need any more. The extra lighting strikes will only make it worse.

Social Brake down – Yass and districts has been known in the past as a great place to come and live. People before all of the Wind tower proposals would do anything to help each other out and pull together in times of need. We are now seeing long term neighbor's not talking and Family's braking apart and not talking any more. The cost of social unrest is never quantified in these projects. We all still have to live here before during and after this is all said and done. Yass will never be the same again, the damage has already been done and will escalate with time.

The Yass region is not the only area where towers can be plugged into the 330 KVA grid, there are other areas that are less inhabited and less intrusive to all involved. Put them away from habituated areas, no complaints then.

A solar farm could be built with no clearing and no disturbance to any person or wild life in the area and could also be built closer to the city that requires the power in the first place with little to no impact on the environment and virtually no visual impact and longer than a 20yr investment return. This should be a no brainer.

I think if the Department took the time to send an Independent Consultant out and see what the locals really thought of this project, with the facts, they would see for themselves. Every poll that I have been involved with is a majority NO.

I thought Australia would learn from others mistakes, but we seem to follow in others footsteps instead of standing alone. We should be setting the standard on renewables, Not wasting money on old tech and unstable power supply.

I think our cost of power and grid security should be put first before any RET.

This is not an ecologically sustainable development; it is an irreversible Environmental disaster.

Andrew Field "Wattle Vale"

Project	Number of turbines	Height of turbines	Proponent website
Rye Park	Up to 92	Each turbine will have a blade tip height of up to 157 metres # NOW LOOK TO RAISE HIGHT TO 200M TALL & 5 + MW EACH.	https://www.tiltrenewables.com/assets-and-projects/Rye-Park-Wind-Farm/
Coppabella (Yass Valley)	Up to 75	Each turbine will have a blade tip height of up to 171 metres	http://mysmartassistants.com/works/coppabella/
Bango	Up to 46	Each turbine will have a blade tip height of up to 200 metres	https://bangowindfarm.com.au/

Role of the Commissioner

1. facilitating the referral and resolution of complaints received from concerned residents about planned or operating wind farms

Damage to the landscape

- Clearing of 618 ac virgin timber on the ridge lines – POINT OUT ON MAP
- Erosion problems (this can be shown by the gas pipeline) – POINT OUT ON MAP
- Over 18 deg slopes
- The use of water – where is it going to be sourced from

Damage to wildlife

- Endangered frog - POINT OUT ALL OF THESE ON MAP
- Crimson Spider Orchid
- Golden sun moth
- Superb Parrot
- Swift Parrot
- Southorn Pygmy perch
- Wedge tail eagles

Damage to culture

Aboriginal artefacts – POINT PUT ON MAP

Visual impacts

Why have some turbines been removed when they posed the same visual impacts as other turbines which are still part of the windfarm.

Damage to land values

Numerous reports now showing reduction in land values up to 40% and reduction in land values can now no longer be disputed.

Nuisance/Noise

The days of denying health effects from the wind turbine noise exposure are over.

- The latest from the World Health Organisation for the first time now includes specific reference to wind turbine noise.
- AAT decision dealing with the same issue (Wind Farm noise causes annoyance which in turn can lead to adverse health outcomes)

State Departments, Council and the Commissioner himself now open to liability along with all those with a duty to prevent avoidable harm, and can no longer dismiss the results of turbines being placed too close to homes. Too close means at any distance where the noise is sufficient to disturb sleep and that is anywhere up to 8km, on the experience in South Australia and elsewhere.

- This particular wind farm is within 2km of a school and town. If this school closes it will ruin the village of Rye Park.

2. providing greater transparency about wind farm activity in Australia
 - quality of the information provided as part of the development application by the developer is terrible (eg the plans inaccurate and not to scale) – how is this providing transparency – it is obviously done on purpose as all wind farms are the same
 - why can the turbines have a variance of 250m of where they can be sited
3. identifying and promoting best practices related to the planning, development and operation of wind farms, including standards and compliance, complaint handling procedures and community engagement
 - information about noise – with all of the recent developments and findings in relation to noise omissions from turbines being linked to health issues up to 8km away what is your office doing in relation to this to develop best practices
 - what is your office doing about promoting/advocating national rules governing noise as have been introduced in VIC following an unsatisfactory independent audit of wind turbines at the Lal Lal Wind Farm

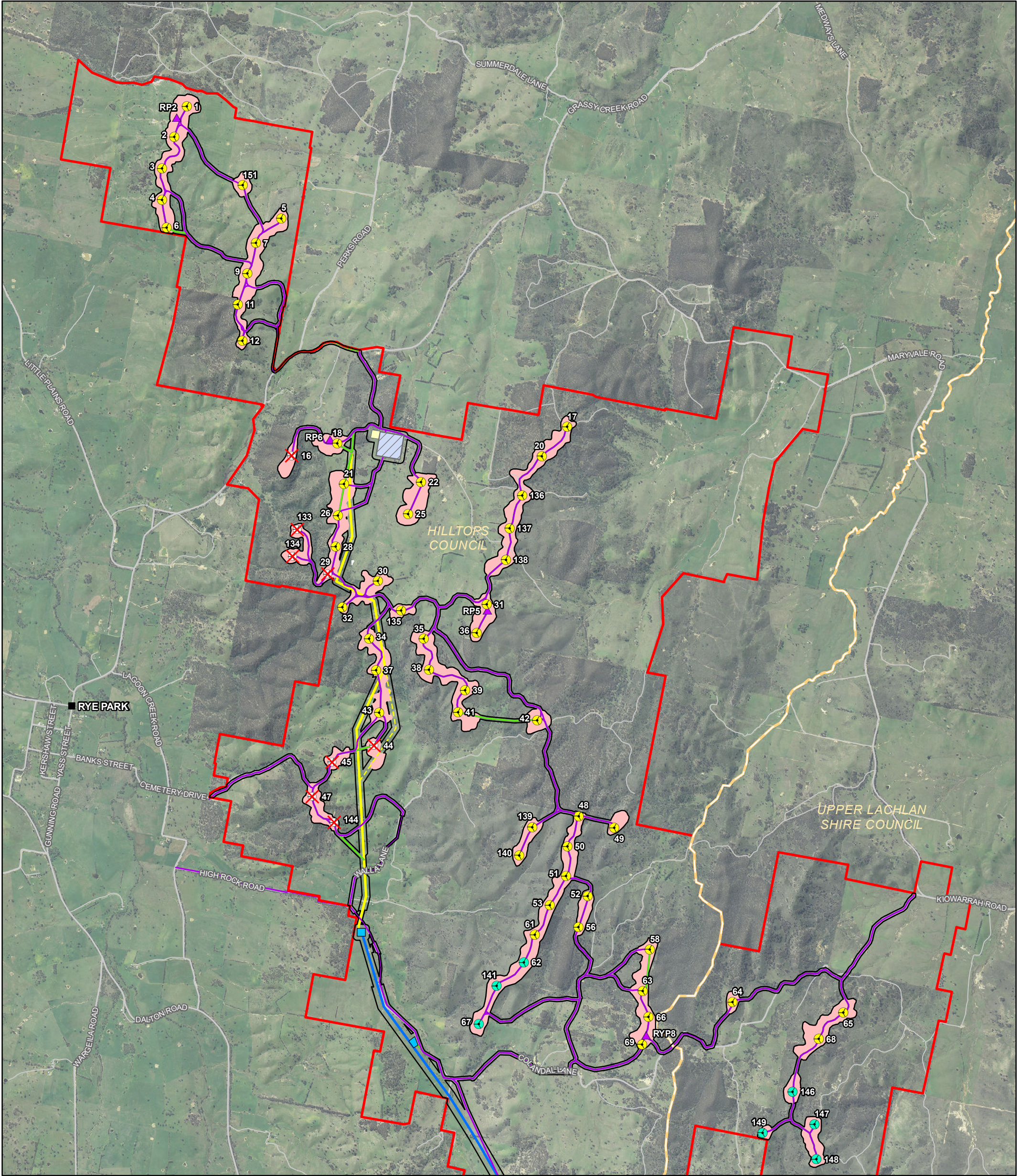
I FEEL LIKE NONE OF MY COMPLAINTS/SUBMISSIONS HAVE EVEN BEEN CONSIDERED
WHAT ELSE CAN I DO

Concrete

- On the Trust Power web site it states footing for the tower is 21m diameter, 3.2m deep = $1110\text{m}^3 \times 109 = 120,990\text{m}^3$ of concrete = 24,198 truck loads
- Truck and dogs 4,033 @ 30T each to bring material in
- The locals will get no benefit from this as they are setting up their own batch plant onsite.

Water Usage

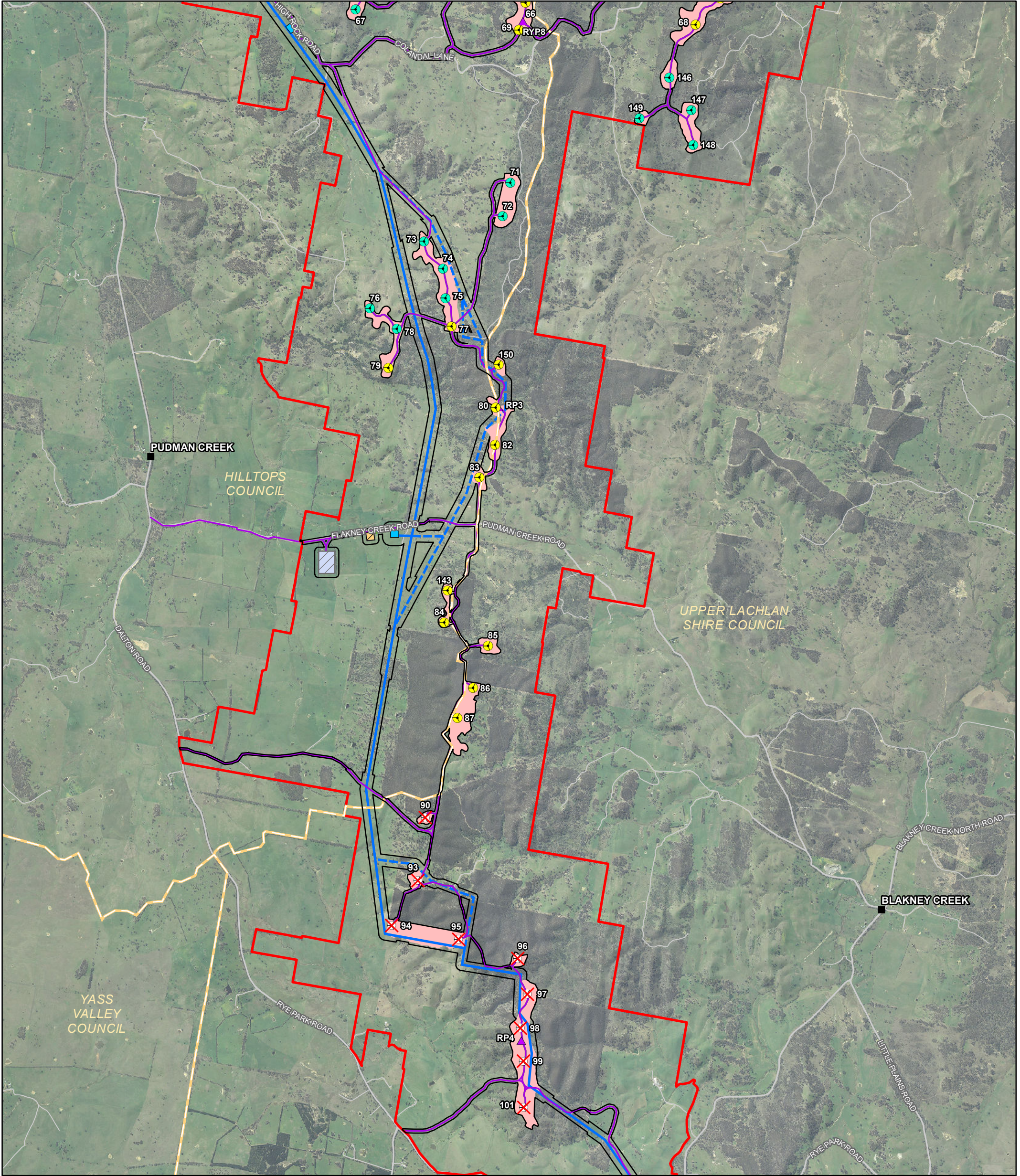
- Council doesn't have enough water during summer to grade the dirt roads in the Shire let alone sell our water supply.
- 8ML is proposed
- Water in concrete allowance alone = 18.15ML
- 1 x water truck @ 14,000L x 8 loads per day x 90 weeks (2 years) = 10ML est 5 water trucks = 50ML + 18ML = 70+ML
- I estimate it will be way over 100ML, Who is the estimator ??
- Do we have the water? No
- Do you want water restrictions? No.
- From Burrinjuck isn't viable
- They are proposing to get it from the new Yass Wier and Boorowa weir. Or put in bores, That's not viable as it will lower the water table and cause even more salt issues !



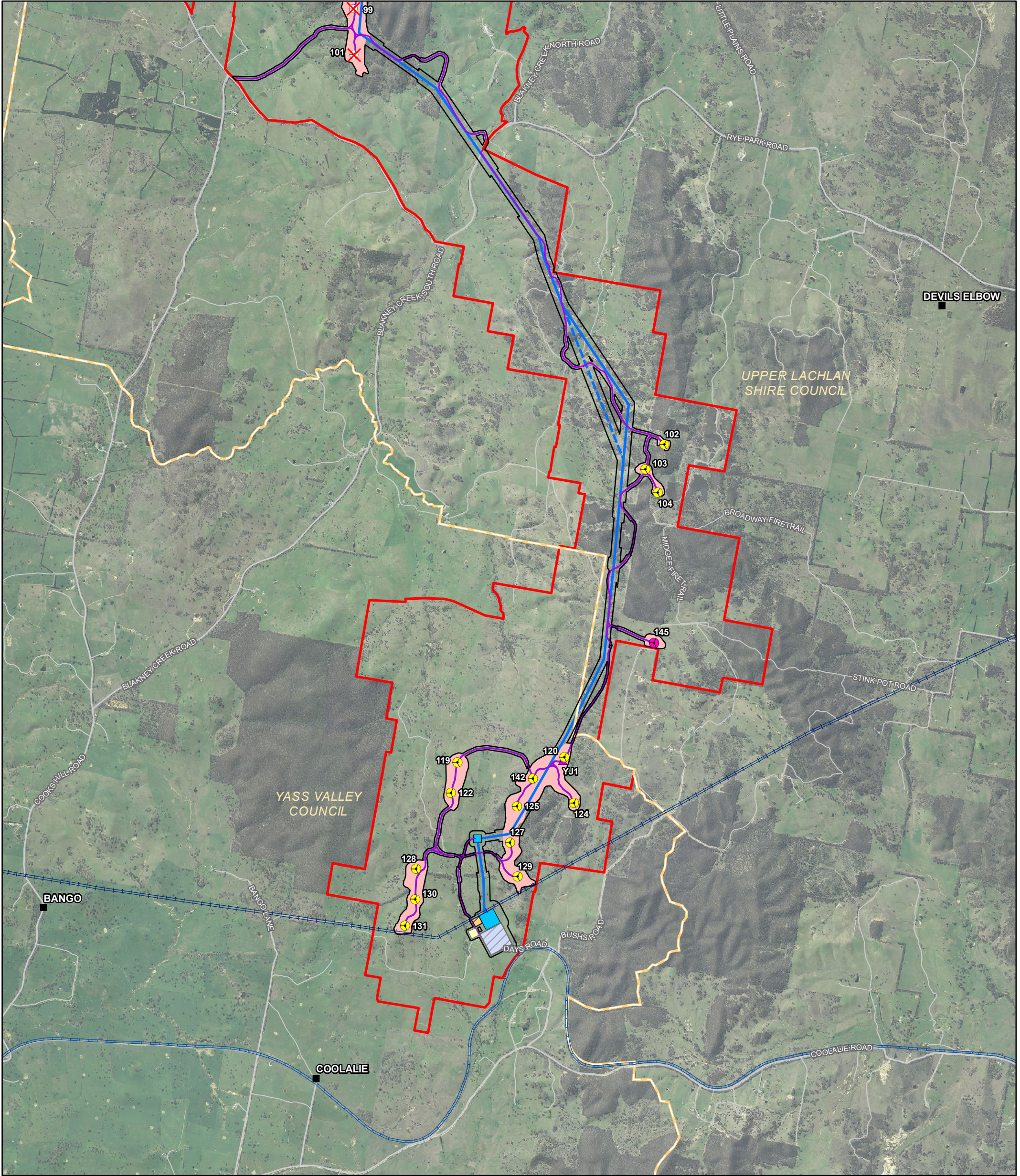
<ul style="list-style-type: none"> Turbines PAC Approved Turbines subject to voluntary aquisition Turbines Not Approved Combined Development Corridor EIS Turbine Envelope Site Boundary Concrete Batch Plant Construction Compound Substation	<ul style="list-style-type: none"> Met Mast Access Tracks Underground Cable Preferred OH 330kV Preferred OH 33kV Alternate OH 33kVExisting Infrastructure<ul style="list-style-type: none"> Local Government Area Towns	<div> N</div> <div>Date: 4/06/2018 Version: B</div> <div> 0 0.5 1 1.5 2 Kilometres GDA 1994 MGA Zone 55 1:45,000</div> <div>Sources: Roads (LPI, 2017). Imagery (PhotomappingServices, 2013)</div>	
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<ul style="list-style-type: none"> Turbines PAC Approved Turbines subject to voluntary aquisition Turbines Not Approved Combined Development Corridor EIS Turbine Envelope Site Boundary Construction Compound Operations and Maintenance building Substation	<ul style="list-style-type: none"> Met Mast Access Tracks Underground Cable Preferred OH 330kV Alternate OH 330kVExisting Infrastructure<ul style="list-style-type: none"> Local Government Area Towns	<div><p>N</p></div> <div><p>Date: 4/06/2018 Version: B</p></div> <div><p>0 0.5 1 1.5 2 Kilometres</p></div> <div><p>GDA 1994 MGA Zone 55 1:45,000</p></div> <div><p>Sources: Roads (LPI, 2017). Imagery (PhotomappingServices, 2013)</p></div>	
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Turbines PAC Approved	Substation	Towns
Turbines subject to visual agreement	Met Mast	
Turbines Not Approved	Access Tracks	
Combined Development Corridor	Underground Cable	
EIS Turbine Envelope	Preferred OH 330kV	
Site Boundary	Alternate OH 330kV	
Concrete Batch Plant	Existing Infrastructure	
Construction Compound	Local Government Area	
Operations and Maintenance building	Railway	
	330kV Transmission Line	

N

Date: 4/06/2018
Version: B

0 0.5 1 1.5 2
Kilometres

GDA 1994 MGA Zone 55
1:45,000

Sources: Roads (LPI, 2017). Imagery (PhotomappingServices, 2013)

