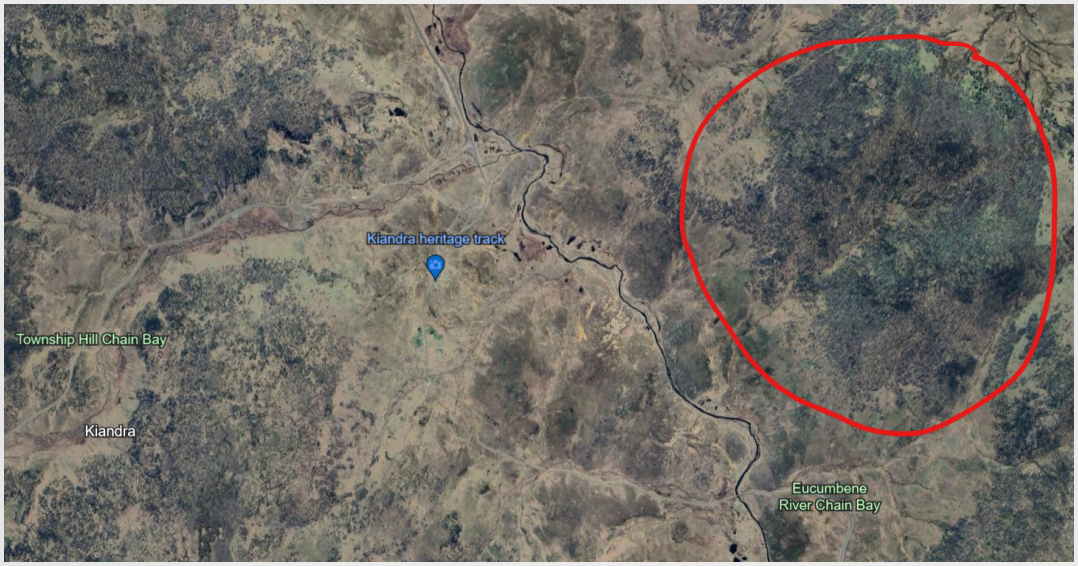
Snowy Hydro Project

The problem that I'm trying to solve is power surges in the snowy monaro region. My Idea is a renewable battery. Most batteries are not renewable but this battery is going to be a Tesla battery because studies show that they are the most renewable type of battery at the moment. This battery will hold the following renewable electricity sources solar, hydro and wind. The way that this will work is that for the hydro we will take out 20 liters from when they pump water thru the power stations, that 20 liters of water will be sent thru a pipe line that takes the water to the battery plant to be turned into electricity then the electricity will be transferred to the battery to be stored along with the water what else will be used for hydro is that when the snowy workers are in the plows they will have 100 liter catcher bins to catch the snow and than the snow gets stored so it can melt and be turned into hydro electricity and stored in the battery for when there is a power surge. The most renewable way to get solar is to get it from grass, grass is very high in solar because it is out in the sun so there for we can extract solar from the grass and be stored in the battery .The wind electricity will be made by having a line of 10 wind turbines made out of scrap metal the wind electricity will be then transferred into the battery as well as. And then now when there is a blackout all you have to do is press the on switch and the power surge will be no more.



The red circle shows where the battery plant goes

Bibliography

Grass extraction idea:

https://kerr.agrilife.org/files/2011/09/grass-growth-and-development_3.pdf

Hydro idea:

https://www.snowyhydro.com.au/wp-content/uploads/2018/12/Snowy-2-Project-Update_DECEMBER_2018_web.pdf

Wind idea:

https://www.energy-observer.org/resources/wind-turbines-are-ageing#:~:text=Shell%2C%20shafts%2C%20gearing%20and%20electrical,of%20concrete%20and%20scrap%20metal.

Have in kiandra planes idear:

https://earth.google.com/web/@-35.86398281,148.49380999,1406.40266617a,2295.09928979d,83.35807072y,15.33551962h,33.5688666t,360r/data=OgMKATA

Snowy hydro logo:

https://www.snowyhydro.com.au/commercial-industrial-large-customers/

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https://mdccww.catholic.edu.au/