

Dear Sir/Madam,

I have read the ISP and I have the following comments:

1. The report does not include any costs for CER (Consumer Energy Resources). Why should I plug in my EV at night if the electric utility will be draining it to run/stabilise the power grid until the sun comes up next morning? EV batteries are expensive and additional cycling of the batteries imposes a cost. That cost must be accounted for.
2. The ISP needs to model a reliable energy system that contains a contingency to account for unusual weather, delayed transmission or storage projects and unexpected failures.
3. Snowy 2 has demonstrated the difficulty in completing large infrastructure projects on time and budget. It must be assumed that other large projects e.g. Hume link and VNI West will also encounter difficulties particularly as geopolitical tensions with suppliers of equipment and materials from China are rising. Our grid must be functioning smoothly throughout all of these easily predictable problems.
4. The ISP must investigate the option to continue the widespread use of coal and gas (like China and India are doing). Only by including this case can we deduce the true cost of the energy transition.

A robust grid that supplies affordable power on demand is a foundation of our civilisation. Getting the energy transition wrong will impose a huge burden of widespread human suffering within the next 10-20 years. History will not be kind to those who rush the energy transition and get it wrong.

Regards

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