

As Kurnell residents we are raising concerns and objections against Ampol's proposed Battery Energy Storage System (BESS) development near the Kurnell Fuel Terminal. Key concerns include potential fire risks, environmental impacts, and the site's suitability given its history of industrial contamination. Renewable energy was supposed to bring our energy prices down but all we can see is the prices going through the roof, many thanks to the [REDACTED] Mr Chris Bowen and the rest of the renewable gang with their stupid idea that it cost nothing as the sun and wind are free ... Yeah but the infrastructure comes is at a huge expense.

Fire Risk: The close proximity of the BESS to existing fuel storage tanks raises significant fire safety concerns, the potential for catastrophic incidents and the impact on community safety, citing the Victorian battery fire as an example.

Environmental Impact: The area has a history of contamination, and residents fear the BESS project could exacerbate existing issues or introduce new environmental hazards. Specifically, the NSW EPA has investigated PFAS contamination linked to historical use of fire-fighting foams at the terminal, and residents are concerned about the long-term impacts of the BESS development.

Zoning and Legacy Issues: The site has been zoned for heavy industrial use since the 1950s, and residents argue that further development, especially near existing infrastructure, is dangerous and unsuitable.

PFAS Contamination: Ongoing PFAS sampling by Ampol has shown the continued presence of these chemicals both on and off-site, and residents are worried about the implications for their health and the environment.

Disadvantages of Renewable Energy

- Renewable Energy Is Not Available Round the Clock. ...
- The Efficiency of Renewable Technologies Is Low. ...
- The Initial Cost of Renewable Energy Is High. ...
- Renewable Energy Sites Require a Lot of Space. ...
- Renewable Energy Devices Need Recycling.

High Costs: Renewable energy storage technologies, particularly those for long-duration storage, require significant upfront investment in infrastructure and equipment.

Energy Losses:

Energy storage systems, including batteries, experience energy loss during the charging, storage, and discharging processes. These losses are due to factors like self-discharge, internal resistance, and inefficiencies in the conversion processes.

This means that not all energy stored can be retrieved, potentially impacting the overall efficiency and cost-effectiveness of the system.

All the points above are very easily obtained from the internet and reach a clear view of what we are against in the Kurnell Battery hub. It's a very bad idea for the Kurnell area.