

Our vision for Wallerawang Power Station is to create a vibrant world-class precinct that reinstates the site as the heartbeat of the local community.

We have laid groundwork to attract investment and industry while preparing the site to play a meaningful part in the transition to a circular, sustainable energy economy.

Much progress has been made

- ✓ September 2020 **Site Acquisition Completed**
- ✓ May 2021 **DDR Commenced**
- ✓ November 2021 **Community light show celebration**
- ✓ November 2021 **Controlled demolition of chimney stacks and Unit 8 Boiler**
- ✓ December 2021 **Application and EIS lodged for \$400m Wallerawang 9 Battery Project**
- ✓ February 2022 **Controlled Demolition of Unit 7 Boiler**

A New Opportunity Emerges: Energy from Waste (EfW)

EfW diverts non-recyclable waste from landfills and is a critical part of the NSW Government's 20-year strategy to deliver on environment protection goals.

EfW facilities will not be approved to accept hazardous waste or anything else that doesn't go in a regular red bin. They will process only residual waste that can't be recycled in the normal rubbish collection process.

Landfills are filling up all over Australia, including in Lithgow. It is a major issue and new technologies, approaches and industries are essential.

In September of 2021, the NSW Government released its Energy from Waste Infrastructure Plan. We were approached by numerous parties expressing interest in developing a facility. Until then, EfW had not been part of our plans, so we committed to learning as much as we could.

After spending time to understand what it is and how it works, we firmly believe in its potential and the enormous upside for Lithgow and the Region.

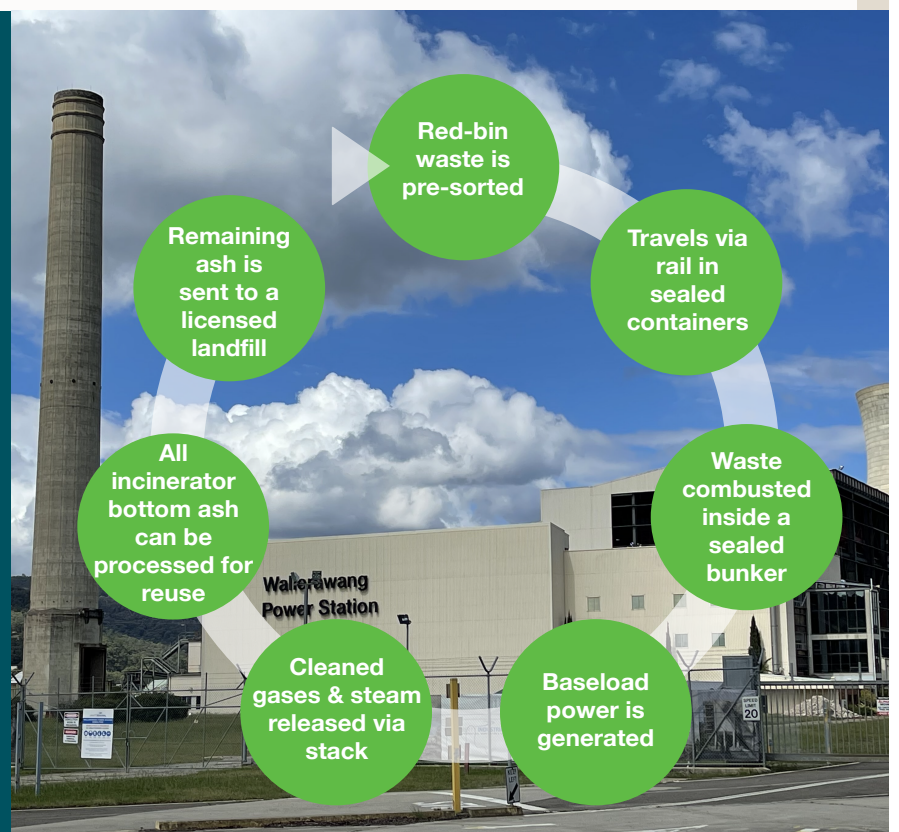
As of March 2022, Lithgow City Council has given its support for a facility to be considered. If it is to proceed, a facility would take up less than 2% of our site at Wallerawang.

As you would expect, any proposed facility would be held to the highest standards (in particular by the NSW Environment Protection Authority) and be subject to a rigorous planning process that requires detailed consultation with the community.

Attracting viable, future focussed investment into our region requires us to be at the table in constructive and healthy dialogue.

How it works

- 1 Red-bin waste is pre-sorted to remove hazardous items and recyclables before it arrives at the facility.
- 2 It then travels (80-90% via rail in our case) in sealed containers to a secure, enclosed bunker.
- 3 Inside the bunker, waste is processed at temperatures upwards of 850°C. The combustion process ensures that the facility does not emit offensive odours.
- 4 Baseload electricity is generated which is then available to power homes and businesses.
- 5 Cleaned gases and steam from the combustion process are released from a chimney stack and constantly monitored and managed to ensure there is no adverse impact on surrounding air quality.
- 6 All incinerator bottom ash is processed to remove metals for recycling and can be crushed for use in construction materials.
- 7 By law the remaining fly ash and other residues (representing less than 5% of total volume entering the facility) must be collected, treated and disposed of in a licensed landfill. The closest licensed landfill to Wallerawang is in Greater Sydney.



What We've Heard from You

The role that EfW could potentially play in the evolving Lithgow economy is clearly an important issue for the community. Many of you have called out the environmental and economic benefits while others have raised questions and expressed understandable concerns. A few examples:

The Process: What kind of waste is it? How does it get here? Will we see or smell it? Will unsuitable waste be removed on-site or sorted prior to arrival?

Air Quality/Health: How does EfW affect air quality? How can you ensure air quality won't be negatively impacted and pollutants won't be released?

Transport: What about all the trucks and their pollution? How would waste arrive?

Tourism, Property Values: How would it affect the region's tourism plans and ability to attract visitors? Will it affect home prices?

Sydney's Waste: If this is so great, why not build it in Sydney? We have our own landfill problems, why should we solve theirs?

Benefits and Outcomes: Why should we consider this anyway? What kinds of jobs would this attract? Why would other businesses want to be located near an EfW facility? Where else is this working?

We have tried to answer your questions in a personal and highly responsive way. Given the interest, we have decided to explore these topics and others more deeply in this publication over the coming weeks. Many of the questions we receive are highly technical and scientific in nature and our goal is to ensure the answers are fact-based and clear.

Please sign up for our newsletter using the QR code. Amongst other things it will allow you to directly participate in community surveys and raise additional questions and topics for discussion.

As always, you are welcome to reach out to us directly at communityinfo@greenspot.com.au.

