

# Mt Piper *Battery Energy* Storage System

Project timeline



We are progressing the development of a new battery energy storage system, (BESS) on a preferred site adjacent to our operating Mt Piper power station, near Lithgow.

The Mt Piper BESS proposed to utilise nearby, existing electricity infrastructure to develop a grid-scale battery with a capacity to dispatch up to 500 MW of power to the electricity network over a duration of up to four hours.

EnergyAustralia is using batteries and largescale storage as a key part of its transition away from coal and toward renewables, especially to ensure reliability and flexibility when variable sources (solar, wind) are less available.

The NSW Department of Planning, Housing and Infrastructure (DPHI) has provided planning approval following the exhibition of the project’s Environmental Impact Statement in mid-2024.



## We are committed to:

- Avoiding or mitigating environmental impacts wherever possible
- Developing and designing the project in consultation with local people
- Working with First Nations people
- Delivering new community benefits from the project

## Next to Mt Piper Power Station

Building a BESS adjacent to the Mt Piper power station (within existing EnergyAustralia landholdings) is anticipated to have low environmental and social impacts. The project will also avoid the need to construct lengthy new overhead power lines across private land due to its proximity to existing network infrastructure.

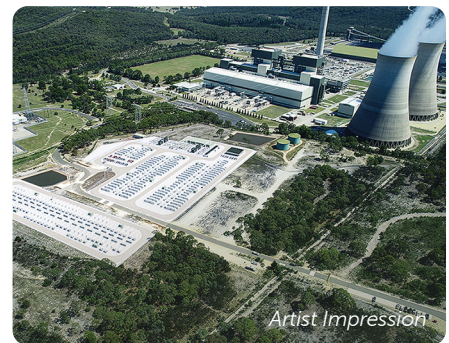
## How battery storage works

A BESS is an energy storage system that can capture energy from multiple different sources, accumulate that energy, and store it for later use. Energy is discharged from the battery to meet demand when needed.

When the energy is sent to the system to power homes and businesses, it displaces higher emissions energy with cleaner energy.

This means energy storage can get more renewable energy to energy users for more hours of the day.

## What will it look like



Artist Impression



Artist Impression