



SEPTEMBER 2024

# STRATFORD RENEWABLE ENERGY HUB

## Turning change into potential

### WHAT COMES NEXT FOR STRATFORD?

After almost three decades of operation, mining at Stratford Coal in the Gloucester Valley has ended. The focus now shifts to what comes next; including closure, ongoing rehabilitation and the potential future land use of the site.

Currently, efforts are underway to re-establish portions of the land for pasture and native woodland. This process is expected to take approximately **10 to 15 years to meet government-approved rehabilitation standards.**

Yancoal is also exploring diversification opportunities, including the development of renewable energy projects on its existing landholdings. Among these, the Stratford Renewable Energy Hub (SREH) is one of the more advanced possibilities currently under consideration.







### EXPLORING THE POTENTIAL OF SREH

#### Project Overview

The proposed Stratford Renewable Energy Hub (SREH) will feature a Pumped Hydro Energy Storage System (PHES) with an **estimated generation capacity of up to 3600MW hours over 12 hours**, complemented by a solar facility.

If approved, the SREH could become one of the largest capital projects in the history of the Gloucester Valley. This project will significantly enhance New South Wales' renewable energy supply, with the potential to generate sufficient energy to power between **140,000 to 180,000 households daily.**

#### Project Benefits

-  Pumped hydro energy storage is the central element of the project. It will provide power into the grid at peak times or when the energy generated by other sources is unavailable.
-  Pumped hydro energy storage can contribute to the decarbonisation of NSW's energy system (as coal-fired power generation decreases) and support the state's net zero emissions goals.
-  The site's natural topography, land holdings, and proximity to existing electricity transmission infrastructure and demand centres makes it an ideal location for pumped hydro energy storage.
-  As water is already available at the Stratford Mine Complex to charge the pumped hydro, there would be no impacts to water resources in the Gloucester Valley.





## VISUALISING HOW SREH COULD BE DELIVERED

These images are renders of the proposed Stratford Renewable Energy Hub (SREH), providing a visual representation of the potential future design and layout.

They illustrate the Pumped Hydro Energy Storage System (PHES) and the complementary solar farm facility, highlighting the strategic use of the existing Stratford Mine site and its infrastructure.

If successfully approved, it could be operational as early as 2029.



## HAVE YOUR SAY ON THE PROJECT

The Stratford Renewable Energy Hub's environmental impact statement will soon be placed on public exhibition by the NSW State Government. The specific dates will be set by the Department of Planning, Housing and Infrastructure (DPHI).

This process encourages community feedback on the proposal via public submissions. We welcome your comments on the project to ensure the best possible outcome is reached.

## FIND OUT MORE AT THE COMMUNITY INFORMATION SESSIONS

Yancoal will be holding two Community Information Sessions in September. The sessions will be held at Stratford Hall on **Tuesday 17th September from 10am – 6pm**, with the second session taking place at Gloucester Council Chambers on **Wednesday 18th September from 10am – 6pm**.

We encourage community members, local businesses and relevant stakeholders to attend as we will be sharing recent project updates on the SREH. Key team members from Yancoal will be available in each session to speak to and answer any of your questions.



To find out more information about the project, visit [stratfordcoal.com.au/page/SREH](https://stratfordcoal.com.au/page/SREH)

SCAN HERE