

Phoenix Pumped Hydro

Renewable Energy from ACEN

About the project

ACEN Australia, with the support of the NSW Government, is progressing feasibility studies for the proposed Phoenix Pumped Hydro Project, a large-scale, long duration renewable energy storage facility.

ACEN Australia is proposing to develop an 800MW pumped hydro project, 35km west of Mudgee, within the NSW Government's Central-West Orana Renewable Energy Zone (REZ).

The REZ is made up of several proposed renewable energy generators including wind and solar that will provide a low-cost source of energy for consumers. Phoenix Pumped Hydro will firm these renewables by providing large amounts of long-duration storage to keep the lights on even when the sun isn't shining, and the wind isn't blowing.

The Project will have storage sufficient to deliver power output of 800MW for 12 hours, with total storage for a maximum of 15 hours. The project will have purpose built, off-stream, upper and lower storage reservoirs connected by a tunnel to a powerhouse containing pump-turbine unit.



Max storage capacity of
15hours



Contribute to NSW Government
RENEWABLE ENERGY TARGETS



Located in CWO REZ
SUPPORTING RENEWABLES
with energy storage solution



Employ and buy
LOCAL commitment



Shared benefits through
COMMUNITY benefit funding



SCAN THE QR CODE
to learn more
information on the
Phoenix Pumped Hydro
project



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