

# MUSWELLBROOK SOLAR FARM

## ABOUT THE PROJECT

---

The project site is located approximately 2.5km east of Muswellbrook, adjacent to the Muswellbrook Coal Mine, on land primarily owned by Idemitsu, the mine operator.

**The Muswellbrook Solar Farm is expected to have a generating capacity of up to 135MWac, which is enough to power approximately 79,000 homes.**

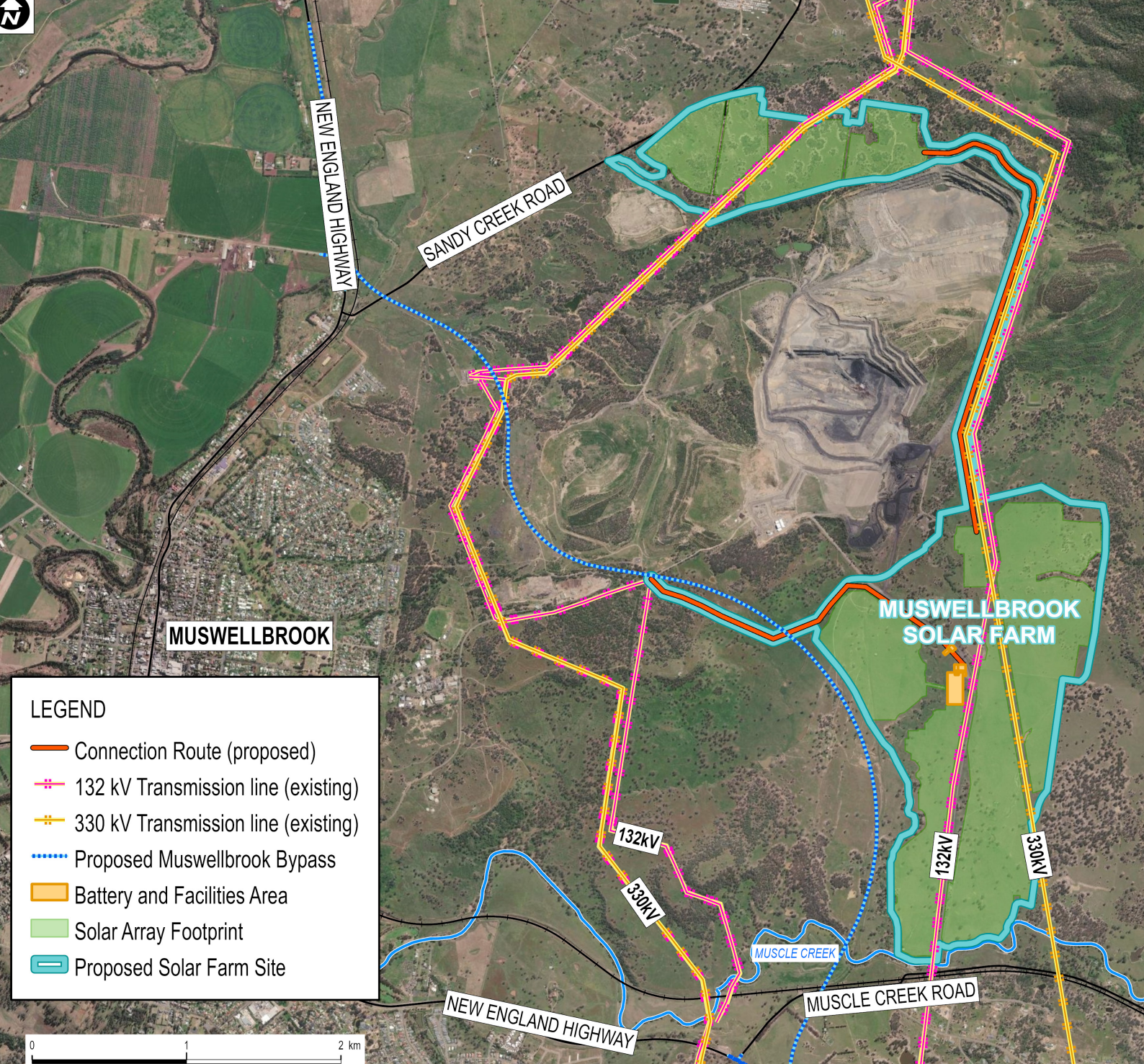
The Muswellbrook Solar Farm would require the installation of solar PV panels, associated infrastructure (i.e. substation, battery storage area, inverters, power cabling, site offices, car parking, and new access tracks) and a 2.5km 132kV transmission line to connect the solar farm into the grid.

Coal mining at the site was completed in 2022, after 115 years of operation. This is an exciting opportunity to redevelop the site for new purposes and generate post-mine investment and employment in the region.

Finley Solar Farm, NSW  
(Esco Pacific)







## ABOUT ESCO PACIFIC AND IDEMITSU

ESCO Pacific is a leading Australian developer and asset manager of utility scale solar farms. ESCO Pacific has a proven track record, delivering to market over 493MWdc of operational solar generation, with a further 310 MWdc currently under construction across Australia.

Idemitsu has been operating in Australia for more than 40 years. Idemitsu Australia is a subsidiary of Japanese company Idemitsu Kosan, which has a long history of with renewable energy projects in Japan. In 2021, Idemitsu Renewable Developments Australia

(IRDA) was formed, to focus on innovation, including new solar, hydro, wind and battery hybrid energy development projects and export opportunities.



# MUSWELLBROOK CLEAN INDUSTRIES PRECINCT (MCIP)

Muswellbrook Solar Farm is part of the proposed MCIP. Idemitsu has developed a Draft Master Plan and collaboration is underway with several industry partners, to investigate the viability of and, plan for a wide range of renewable energy and other projects, on and around the Muswellbrook Coal Mine site.

The expanded plans for the MCIP, build on the Bells Mountain pumped hydro energy storage project, which Idemitsu has been developing with AGL Energy.

**ESCO Pacific is only developing the solar farm and battery and the Development Application will only relate to these components.**



## THE PROCESS

Applications for large scale renewable projects in New South Wales are assessed by the Department of Planning and Environment (DPE). To proceed, ESCO Pacific will be required to submit a Development Application (DA) supported by an Environmental Impact Statement (EIS) to the Minister for Planning. Project information submitted to DPE is available at: <http://www.planningportal.nsw.gov.au/major-projects/projects/muswellbrook-solar-farm>





## COMMUNITY BENEFITS AND BUSINESS OPPORTUNITIES ✓

---

ESCO Pacific and Idemitsu have strong track records of delivering lasting social and economic benefits to the local communities in which their projects are located.

Community benefits associated with the Muswellbrook Solar Farm include:

- ✓ Creation of local jobs, including approximately 200 full-time jobs during the peak construction period;
- ✓ Up to 6 permanent jobs will be required to ensure the effective operation of the solar farm, with further contractor opportunities available;

- ✓ Generation of local economic activity during construction and operations and diversification of local revenue streams;

- ✓ Generation of clean energy to power approximately 79,000 homes; and

- ✓ Increased energy security by contributing to Australia's diversifying energy mix including the provision of grid support / security through an energy storage system.

**ESCO Pacific and Idemitsu are committed to engaging with neighbours, local communities and stakeholders throughout the development of the project.**

**Local suppliers and contractors are also encouraged to register their interest and capabilities with us via the Contact Us page on our website.**