Tummaville Solar Farm

Delivering renewable energy for Queensland's future

Project summary

Tummaville Solar Farm project is a proposed renewable energy project near Tummaville in Queensland's Darling Downs region, within the Toowoomba Regional Council area. The project is being co-developed by ACEnergy and InnoGreen Energy.

The project is proposed to generate up to 600 MWp of solar energy alongside a 500 MWac (4,000 MWh) battery energy storage system (BESS). Together, these components will provide reliable, affordable and clean power for homes and businesses across Queensland. The project will also create local jobs and support long-term investment in the region.

Project snapshot

Solar Capacity
600 MWp
500 MWac

BESS Capacity
500 MWac
4,000 MWh

Land size
~1,600 hectares

Project status
Under development

Location
Tummaville, Darling Downs, QLD

Grid connection
Tummaville Substation

Acknowledgement of Country

We acknowledge the Traditional Custodians of the lands and waterways on which the Tummaville Solar Farm is proposed. We pay our respects to their Elders past and present and acknowledge their enduring connection to Country.

Project design

Assessments

The project is being carefully designed to minimise its footprint by prioritising development within already cleared areas, with a strong focus on avoiding and reducing impacts on both the environment and the local community. Comprehensive assessments are underway across key areas including traffic and transport, visual amenity, noise, biodiversity, land use, water, and cultural heritage. We are committed to ongoing design refinement to proactively avoid, minimise, and effectively manage potential impacts wherever possible.

Why Tummaville?

- The Project is located in the Darling Downs, a region with a strong history of agriculture and local industry, now playing an important role in Queensland's renewable energy future. Developing the project here helps ensure the region continues to grow and diversify.
- The area's natural conditions – plenty of sunshine and relatively flat land – make it well suited to solar energy.
- The project's proposed location adjacent to the Powerlink Tummaville Substation means the project can connect into infrastructure that is already in place, reducing the need for new build.
- Tummaville's location, within easy reach of regional centres and major transport routes, supports local jobs, suppliers, and services, during both construction and operation, helping to generate economic benefits for nearby communities.

Project Timeline

Indicative

Since late 2025
Under development

2026-2027
Planning, technical studies, and development and grid connection approvals are undertaken.

2028-2029
Construction takes place, followed by testing and commissioning.

From 2030
The project is operational, with ongoing maintenance to keep it running safely and efficiently.

Project location

Community

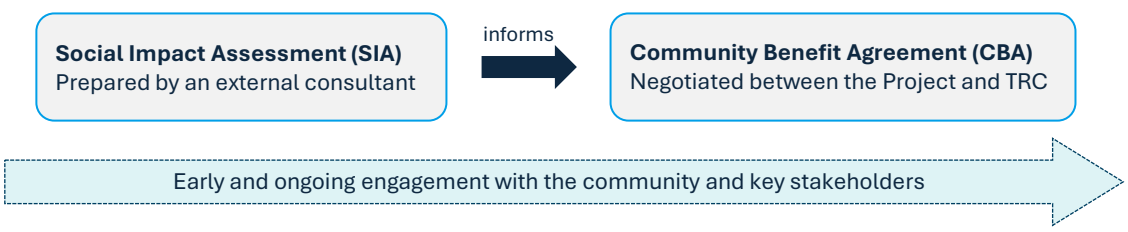
We are committed to building a positive legacy in the region and sharing benefits locally. At its core, the Tummaville Solar Farm is designed to benefit community, by securing reliable and affordable energy for the future.

Project Benefits

We are engaging early to identify benefit sharing opportunities locally and across the region. Community benefits of the project may include:

- Funding and support for local initiatives, programs, events and community organisations
- Partnerships, in-kind contributions and investments in local initiatives
- Long-term community legacy outcomes through a collaboratively developed Community Benefit Agreement
- Community infrastructure and public amenity enhancements
- Procurement and supplier opportunities for local businesses and trades, supporting local economic growth and development opportunities
- Securing energy to power approximately 230,000 homes per year

As part of the Project's approval pathway, the specialist consultant is undertaking **Social Impact Assessment (SIA)** in consultation with community and stakeholder across the region. This process will inform a **Community Benefit Agreement (CBA),** which will be developed in collaboration with Toowoomba Regional Council and the local community.



Learn more

Visit our website for up-to-date information on the project or subscribe to our newsletter to learn more about who we are.
Find us at www.tummavillesolarfarm.com.au

Contact us

We are available to answer your questions, and we welcome feedback on the project. Connect with our team at info@tummavillesolarfarm.com.au or 1800 840 344

Frequently Asked Questions

How will the project benefit local communities?

We are committed to building a positive legacy in the region. We are consulting early to identify opportunities for benefit sharing with our neighbours, Toowoomba Regional Council, Traditional Owners, and other key stakeholders. We are also undertaking a Social Impact Assessment with community and stakeholders, which will inform a Community Benefit Agreement with Toowoomba Regional Council and support impactful initiatives that respond to local needs and priorities.

Will workers come from outside the region?

The Project is expected to require a combination of local, regional and specialist workers. While some specialist workers may come from outside the region, we are committed to supporting local employment and procurement opportunities wherever practical and working with contractors to encourage local participation.

Where will construction workers stay?

At peak construction, around 250-300 workers are expected on site each day, with around 50 workers during quieter construction periods. The Project is currently assessing workforce accommodation options. All feasible accommodation options will be considered, with potential social impacts assessed as part of the Social Impact Assessment (SIA) process before a preferred approach is confirmed.

How will the project co-exist with agriculture on site?

The project is located on a large general flat freehold land, and we are exploring opportunities for agrisolar on the solar farm. Cattle grazing operations on the remainder of the property will continue as usual.

How visible will the project be?

Visual impact assessment is currently being undertaken as part of the Project planning and approvals process. The Project is located on Owens Scrub Road in a predominantly rural agricultural area characterised by broadacre farming land, open paddocks and relatively flat terrain. The Project footprint has been selected to work within the existing landscape context where possible. The Project team is working to understand potential visibility from nearby properties and public viewpoints and identify appropriate mitigation measures where required, including setbacks, landscaping and vegetation screening.

How will noise from the project be managed?

BESS typically produce low levels of noise, peaking when they charge or release energy. Typically, this is expected to take place mid-morning (charge) and in the late afternoon (release). The Environment Protection Authority (EPA) sets out the maximum recommended noise levels for commerce, industry and trade premises. We will comply with the applicable criteria and keep the community informed of our works and any changes.

Does the project pose a fire risk?

The BESS components of the project will be equipped with fire suppression systems, including aerosol fire suppressants, combustible gas detectors, smoke detectors and temperature detectors. These are all designed to detect and extinguish fires promptly. The project will also incorporate specific bushfire risk management techniques, including creating significant fuel breaks, maintaining a substantial water supply, ensuring easy access to responders, and implementing robust evacuation and staff training programs.

How are Solar Farm projects approved in Queensland?

Solar farm development applications with a maximum instantaneous electricity output of 1 MW or more in Queensland are impact assessable, and must be lodged with the State Assessment and Referral Agency (SARA). Applications are assessed under State code 26: Solar Farm Development, and State Code 27: BESS Development.

Prior to lodging an application, a binding Community Benefit Agreement must be agreed upon by the local council and the project proponent. In order to satisfy the performance outcomes under State Code 26, an application must include the technical reports:

- Environmental Impact Assessment
- Agricultural Land Assessment
- Noise Impact Assessment
- Natural Hazard Risk Assessment Report
- Flood and stormwater Assessment
- Bushfire Risk Assessment
- Landscape and Visual Impact Assessment
- Social Impact Assessment
- Traffic Impact Assessment, including Oversize Overmass (OSOM)
- Glint and Glare Assessment