

Frequently asked questions

Renewable Energy Generation, Storage and Transmission Projects Compliance Monitoring Program

19 September 2025

Why are renewable energy generation, storage and transmission projects important and how are they regulated?

The NSW Government supports the development of a sustainable renewable energy industry in NSW. The state has valuable solar, wind and hydro resources, with many of these projects located near existing or proposed electricity transmission infrastructure. Renewable energy projects not only generate, store and transmit clean energy, but also support jobs and investment, particularly in regional areas.

The potential impacts of renewable energy projects need to be managed to ensure their significant benefits are realised, and any adverse outcomes are minimised. This is a major focus for the Department of Planning, Housing and Infrastructure during its assessment of state significant renewable energy generation, storage and transmission projects and is reflected in strict conditions of consent. As the consent authority, the Department is also responsible for monitoring compliance with these conditions of consent.

The Department is committed to ensuring that this industry constructs and operates its projects responsibly.

How many renewable energy generation, storage and transmission projects are currently operational, under construction or approved in NSW?

As of August 2025, there are:

- 47 projects which are operating
- 19 projects under construction
- 65 approved projects which are yet to commence construction.

All development consents are available on the [Major Projects portal](#).

What is the focus of the program?

Since 1 January 2023, the Department has undertaken 142 inspections of renewable energy generation, storage and transmission projects across NSW (including proactive, reactive and surveillance inspections) to monitor compliance with conditions of consent. We liaise with relevant local, state and federal government agencies when undertaking our work to ensure a whole of government approach is taken.

In addition to monitoring general compliance with conditions of consent, we focus on particular conditions, such as:

- flora and fauna management
- site management, including weed management and erosion and sediment controls
- visual management requirements
- Aboriginal and European cultural heritage management and protection
- emergency response plans
- road upgrades and the use of approved transport routes
- ensuring that construction works are not commencing prior to meeting requirements
- other amenity impacts.

Additionally, the Department reviews required reports and independent audits to ensure applicants are complying with their conditions of consent. These reports and audits can be found on the applicant's website and via the Department's [Major Projects portal](#).

What have we found through the compliance program?

Our program has found that projects are generally constructing or operating in accordance with their conditions of consent however, some formal enforcement actions have been undertaken. The Department has also identified and communicated opportunities for improvement directly to applicants where relevant. The Department publishes [formal enforcement actions](#) on its website.

What are the ongoing monitoring requirements and future actions?

We will continue to monitor renewable energy developments across NSW and investigate allegations of non-compliance to ensure projects comply with their conditions of consent.

Where can I find more information?

Email compliance@planning.nsw.gov.au