



Greenhouse gas emissions reporting



About Stanwell

Stanwell Corporation Limited (Stanwell) is a major provider of electricity to the people of Queensland, the National Electricity Market and our retail customers. We own and operate Stanwell Power Station near Rockhampton and the Tarong power stations and Meandu Mine in the South Burnett.

We have a duty to do everything we can to protect the environment, and to minimise our impact on it. Environmental sustainability at Stanwell means we balance social, environmental and commercial factors in the decisions we make in our business.

As a company that operates coal-fired power stations, it is Stanwell's job right now to keep providing reliable electricity at prices that are affordable as the industry transitions to a lower carbon future.

We are here to support Queensland's transition to a lower carbon future, and are continually exploring new opportunities to evolve and renew our portfolio in response to changing market and consumer expectations.

Monitoring and reporting our emissions

Stanwell operates responsibly within licence limits set by the Queensland and Federal Governments. These licence limits apply to a range of environmental parameters, including air emissions.

When electricity is generated at coal and gas-fired power stations, exhaust gases are released into the atmosphere from the stacks and water vapour from the cooling towers. Stack emissions include carbon dioxide (CO₂), nitrogen oxides (NO_x) and sulphur dioxide (SO₂).

A combination of continuous monitoring, routine monitoring, and approved calculation methods ensure greenhouse gas emissions are correctly determined and reported to the relevant authorities, including the National Pollutant Inventory (NPI) and the National Greenhouse and Energy Reporting Scheme (NGERS). Greenhouse gases reported include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), and sulphur hexafluoride (SF₆).



Our CO₂ intensity and efficiency

Stanwell operates two of Australia's most efficient and lowest carbon intensity coal-fired power stations. This includes the supercritical Tarong North Power Station, which reduces emissions by using advanced technology, higher pressures and temperatures, and the subcritical Stanwell Power Station near Rockhampton.

For more information on emissions and emissions reporting visit:

- NGERS - [cleanenergyregulator.gov.au](https://www.cleanenergyregulator.gov.au)
- NPI - [npi.gov.au](https://www.npi.gov.au)
- Department of Environment and Science - [des.qld.gov.au](https://www.des.qld.gov.au)