

Tropicana HYBRID RENEWABLE ENERGY PLANT

Fact Sheet / June 2023

AngloGold Ashanti has taken a significant step forward in our decarbonisation journey by entering into an agreement with Pacific Energy to integrate renewable energy into the existing power generation infrastructure at the Tropicana gold mine in Australia.

This includes constructing and operating 62MW of wind and solar generation capacity at the site. Tropicana's renewable energy plant is a first-of-its kind for AngloGold Ashanti, making a significant contribution towards our commitment to reduce Scope 1 and 2 carbon emissions.



Profile of the operation

Tropicana is a large open-pit operation with a growing underground mining component, located 330km east-northeast of Kalgoorlie in Western Australia. The mine is 70% owned and managed by AngloGold Ashanti with the remaining 30% held by Regis Resources Ltd. Pacific Energy owns and operates the gas-fired power station at Tropicana and is one of Australia's leading producers of sustainable distributed energy.

Integrating solar and wind energy generation

The hybrid renewable energy solution will be integrated into the existing 54MW gas-fired power station at the mine under a 10-year build-own-operate agreement. The infrastructure will comprise four 6MW wind turbines, each with a hub height of 130m and rotor diameter of 165m – equal to the largest wind turbines in Australia. The project also includes a 24MW PV solar plant made up of approximately 44,100 panels with single access tracking. A 14MW battery energy storage system (BESS) will underpin the wind and solar renewable energy generation, which together currently represents the largest off-grid gas-wind-solar battery storage facility in the Australian resources sector. The project is due for completion in early 2025, with on-site construction expected to commence in the second half of 2023.



“A major step forward in our Roadmap to Net Zero.”



24 MW
wind turbines



24 MW
PV solar plant



14 MW
battery energy storage solution

Tropicana HYBRID RENEWABLE ENERGY PLANT

“In 2022, we announced our commitment to reduce carbon emissions by 30% by 2030 (2021 baseline) and net zero emissions by 2050.”

Expected benefits



The Tropicana renewable energy project presents the opportunity to implement ~50% renewable electricity at the mine. The wind-solar-battery storage facility is expected to reduce average carbon emissions by more than 65,000 tonnes per annum over 10 years. Implementation of the project will also help the Australian operations move towards alignment with the Australian Federal Government carbon emission reduction regulations.

AngloGold Ashanti's decarbonisation journey



The hybrid renewable energy plant at Tropicana will play an important role as the first major project underway to advance our strategy to reduce our carbon emissions. AngloGold Ashanti's decarbonisation journey started in 2008 when we set a long-term target to reduce greenhouse gas (GHG) emissions intensity by 30% from a 2007 base. By 2021, we had achieved a 47% reduction in GHG emissions intensity through fuel switching, efficiency improvements and the closure and divestment of assets.

In 2021, our Board approved a new Climate Change Strategy and we published a stand-alone Climate Change Report in line with the guidelines and recommendation of the Task Force on Climate-Related Financial Disclosures (TCFD). As an ICMM member, we were part of a landmark climate change commitment in 2021 to achieve net zero Scope 1 and Scope 2 GHG emissions by 2050 and to accelerate action on reducing Scope 3 GHG emissions, including setting credible reduction targets in partnership with our suppliers.

In 2022, we announced our commitment to reduce carbon emissions by 30% by 2030 (2021 baseline) and net zero emissions by 2050. Our Roadmap to Net Zero focuses on all sources of energy-related emissions, both at our mine sites and from our electric power providers.



More on our Roadmap to Net Zero:

www.anglogoldashanti.com/sustainability/environment/energy-climate-change/



**ROADMAP TO
NET ZERO**