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VECKTA Completes Energy Optimisation for one the world's largest gold miners

We are privileged to be empowering our client to provide sustainable energy to their asset, on their journey to net zero.

VECKTA is excited to be working with one of the world's largest gold miners supporting their goal of zero carbon. In September 2021 VECKTA completed an assessment of the Renewable Energy options for a tier one Gold asset in the APAC region. Assessing over 300,000 potential hybrid energy system options in a matter of weeks, accounting for our client's business objectives and the asset site energy resources.

The asset is a large gold project with an inferred mineral resource estimate of over 50 million tonnes containing north of 3 million ounces of gold. VECKTA assessed the energy options allowing the project to leverage existing infrastructure and processing plant to significantly reduce the project's capital expenditure and carbon impact. This allowed for a low-cost pathway to development under an ore tolling arrangement.

Assessing the balance of existing energy infrastructure with new developments in renewable technology, whilst driving toward net zero, VECKTA empowered our client

to accurately assess the energy options for the asset. VECKTA optimized the energy options using VECKTA marketplace data and world leading design optimization toolkit. VECKTA can then match specific project requirements with the best suited capital, constructors, and equipment suppliers in the VECKTA marketplace. VECKTA speeds time to deployment and reduces wasted soft costs by streamlining the procurement and contracting process for transparent, consistent, and efficient win-win outcomes for all stakeholders.

“We are privileged to be working on a project with one of the world’s largest gold miners and to support their journey to net-zero carbon. The ability to power this asset in a way that is consistent with our client’s drivers and their customers drive for sustainable mining, is exciting. It’s one of the reasons we built VECKTA, and we are proud to enable the energy transition” says Gareth Evans, CEO VECKTA.

About VECKTA:

VECKTA is the Onsite Energy Market Platform. VECKTA integrates the world’s most advanced energy system engineering tools with an end-to-end marketplace to bring together all the stakeholders to assess, design, supply, build, and finance microgrids and other onsite energy systems. VECKTA empowers commercial and industrial businesses to quickly and easily assess their energy options, customize a solution specific to their needs (cost, reliability and/or emissions) and then seamlessly engage and contract the best equipment, services, and capital providers in the market to finance, deploy and operate it sustainably and profitably.