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ENGIE starts operations of Kathu, a 100 MW Concentrated Solar Plant and one of South Africa's largest renewable energy projects

February 6, 2019 | reve

ENGIE (www.Engie.com) is pleased to announce that commercial operation was achieved on 30 January 2019 for the 100 MW Kathu Solar Park in South Africa. This state of the art plant is a green-field Concentrated Solar Power (CSP) project with parabolic trough technology and equipped with a molten salt storage system that allows for 4.5 hours of thermal energy storage to provide reliable electricity in the absence of solar radiation and during peak demand. The Kathu site covers approximately 4.5 km², with 384,000 mirrors. Kathu is the first CSP development for ENGIE.



The solar park was awarded under Round 3.5 of South Africa's Renewable Energy Independent Power Producer Procurement Program (REIPPP), a competitive tender process that was launched to facilitate private sector investment in renewable energy generation. Kathu Solar Park signed a 20-year Power Purchase Agreement (PPA) pursuant to the REIPPP procurement programme with the off-taker/buyer.



Isabelle Kocher, CEO of ENGIE : "The completion of Kathu shows our continued commitment to an economic and environmentally friendly development in South Africa. Kathu with its molten salt storage design offers a clean solution to overcome the intermittency of renewable energies. We are proud to contribute to the country's renewable energy goals, and look forward to continuing the

projects initiated with local communities making Kathu a genuine driver of regional economic development.”



Kathu will provide clean and reliable energy to 179 000 homes in the local community of the John Taolo Gaetsewe District Municipality, the Northern Cape and South Africa as a whole. In addition to this, it is estimated that the Kathu Solar Park will save six million tons of CO₂ over 20 years, and will foster further local economic development through several projects, such as the trust for the benefit of the communities situated in the Northern Cape and sourcing of services from local entrepreneurs.

The KSP shareholders, which are led by ENGIE (48.5%), include a group of South African investors comprising SIOC Community Development Trust, Investec Bank, Lereko Metier Sustainable Capital Fund, and its co-investors FMO, the Dutch development bank and DEG, the German investment and development company, and the Public Investment Corporation. The main contractor (EPC) is Liciastar – a Spanish consortium of SENER and Acciona in addition to the Kelebogile Trust.

In South Africa, ENGIE has interests in a wind farm (94 MW Aurora), 2 solar photovoltaic parks (21 MW) and 2 thermal power peaking plants (670 MW Avon and 335 MW Dedisa). ENGIE also owns Thermaire Investments (Pty) Ltd. and Ampair (Pty) Ltd., leaders in the HVAC installation and maintenance segment in the South African market

For over 50 years, ENGIE has been active in many African countries through its energy engineering business and more recently as an independent power producer in South Africa and Morocco with a total capacity of 3,000 MW either in operation or under construction. By 2025, ENGIE wants to be a reference partner in several African countries for power plants, energy services to businesses and decentralized solutions for off-grid customers – communities, companies and households. ENGIE al-

ready has more than 1 million customers with domestic solar installations and local microgrids, and aims to become one of the viable leaders on the continent's off-grid service market.

We are a global energy and services group, focused on three core activities: low-carbon power generation, mainly based on natural gas and renewable energy, global networks and customer solutions. Driven by our ambition to contribute to a harmonious progress, we take up major global challenges such as the fight against global warming, access to energy to all, or mobility, and offer our residential customers, businesses and communities energy production solutions and services that reconcile individual and collective interests.

Our integrated – low-carbon, high-performing and sustainable – offers are based on digital technologies. Beyond energy, they facilitate the development of new uses and promote new ways of living and working. Our ambition is conveyed by each of our 150,000 employees in 70 countries. Together with our customers and partners, they form a community of imaginative builders who invent and build today solutions for tomorrow.

2017 turnover: 65 billion Euros. Listed in Paris and Brussels (ENGI), the Group is represented in the main financial (CAC 40, BEL 20, Euro STOXX 50, STOXX Europe 600, MSCI Europe, Euronext 100, FTSE Eurotop 100, Euro STOXX Utilities, STOXX Europe 600 Utilities) and extra-financial indices (DJSI World, DJSI Europe and Euronext Vigeo Eiris – World 120, Eurozone 120, Europe 120, France 20, CAC 40 Governance).

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