



Lusaka enphase energy

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ZESCO Limited, the Zambian power utility, is seeking expressions of interest (EOI) from Engineering, Procurement, and Construction (EPC) companies for the development of a 7.5MW on-grid solar photovoltaic (PV) power plant in Kasupe, Lusaka Province.

The project aims to leverage renewable energy sources as part of ZESCO's strategy to diversify and enhance the energy mix. The proposed solar plant will be located at the ZESCO Central Bulk Stores in Kasupe, utilizing 35 hectares of unused land for renewable energy development.

Submission Details: Expressions of Interest should be deposited in the tender box at LDCC Building Procurement Offices, clearly marked "Expressions of Interest for Engineering, Procurement and Construction (EPC) of a 7.5MW On-Grid Solar Photovoltaic (PV) Power Plant in Kasupe, Lusaka Province, Zambia"; ZESCO/EOI/011/2024. The deadline for submission is Friday, 16 February 2024, at 10:30 hours local time. Telefax offers will not be accepted. The opening of the Expressions of Interest will take place in the Boardroom of the Procurement Division.

Despite minimal historical contributions to global greenhouse gas emissions, Zambia faces significant threats from climate change. In response, the country has established ambitious goals and commitments for resilient, low-carbon and sustainable development. One of the initiatives that showcases Zambia's bold vision and climate leadership is the Lusaka Renewable Energy Project --Chongwe Smart City, an initiative that aims to provide clean and affordable solar-generated electricity to a rural community near the capital city of Lusaka.

The proposed project is strongly aligned with Zambia's NDC, the country's pledge to reduce its greenhouse gas emissions and adapt to the impacts of climate change under the Paris Agreement. Zambia's Revised Updated NDC, submitted in 2021, targets emission reductions of 25% (equivalent to 20,000 Gg CO₂) by 2030 compared to a business-as-usual scenario, or 47% (equivalent to 38,000 Gg CO₂) with substantial international support. The project contributes to this target by reducing emissions from the forest and electricity sectors, considered to be priorities in the NDC.

The Lusaka Renewable Energy Project is being actively promoted by the Zambia Electricity Supply Company (ZESCO) and the Industrial Development Cooperation, both of whom envision equity investment by private-sector partners. As the coordinating institution, the Ministry of Green Economy and Environment is also actively seeking financing opportunities for the project through various funding windows.

The project demonstrates Zambia's dedication and leadership in addressing climate change and advancing sustainable development, standing as a model for other African countries and cities aspiring to achieve similar goals. Official recognition of the project highlights the NDC Partnership's role in fostering efficient collaboration and coordination among diverse stakeholders, aiding countries in strengthening their climate



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action efforts and fulfilling their NDCs.

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Web: <https://www.hollanddutchtours.nl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

