

## Solar Energy South Africa

# Ngonye power company limited Tanzania



## Overview

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Ngonye Solar Power Station (NSPS), is a 34 MW (46,000 hp) solar power plant in Zambia. The solar farm that was commercially commissioned in April 2019, was developed and is owned by a consortium comprising Enel Green Power of Italy, a multinational renewable energy corporation, and the Industrial Development Corporation of Zambia (IDC), a parastatal company. Th. Ngonye Solar Power Station (NSPS), is a 34 MW (46,000 hp) solar power plant in Zambia. The solar farm that was commercially commissioned in April 2019, was developed and is owned by a consortium comprising Enel Green Power of Italy, a multinational renewable energy corporation, and the Industrial Development Corporation of Zambia (IDC), a parastatal company. The power station cost about US\$40 million to develop. .

The power plant is located in the Lusaka South Multi-Facility Economic Zone, in , in , approximately 25.5 kilometres (16 mi), by road, southeast of the of , the capital of Zambia and the largest city in that country. The geographical coordinates of Ngonye Solar Power Station are 15°31'03.0"S, 28°25'44.0". The power plant is located in the Lusaka South Multi-Facility Economic Zone, in , in , approximately 25.5 kilometres (16 mi), by road, southeast of the of , the capital of Zambia and the largest city in that country. The geographical coordinates of Ngonye Solar Power Station are 15°31'03.0"S, 28°25'44.0"E (Latitude:-15.517500; Longitude:28.428889), situated immediately south of .

The , through IDC Zambia, working with the , as part of the bank's program "Scaling Solar", awarded the tender to develop this power station to (EGP), a subsidiary of , the Italian manufacturer and distributor of electricity and gas. EGP and IDC formed an ad-hoc joint venture com. The , through IDC Zambia, working with the , as part of the bank's program "Scaling Solar", awarded the tender to develop this power station to (EGP), a subsidiary of , the Italian manufacturer and distributor of electricity and gas. EGP and IDC formed an ad-hoc joint venture company, Ngonye Power Company Limited, to design, build, own and operate this power plant. The energy generated here will be purchased by (ZESCO), under a 25-year (PPA), at US\$0.078 per kWh. .

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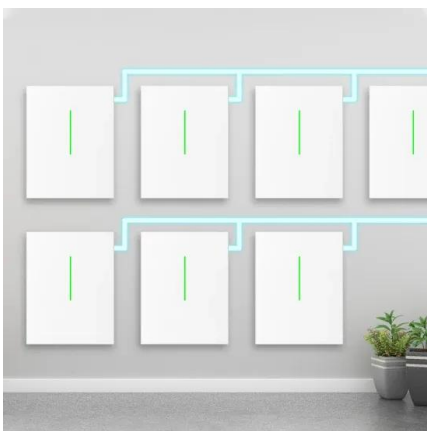
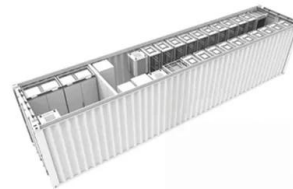


### Western Power Company brightens Zambia's energy prospects

Western Power Company brightens Zambia's energy prospects. by 60 megawatts thanks to an Implementation Agreement for the Ngonye Falls Hydro Electric Scheme signed between Western Power Company Ltd and the Ministry of Energy and Water Development today. The Ngonye Falls Power Station will be the first hydropower station to be developed

### [The World Bank Group](#)

TO NGONYE POWER COMPANY LIMITED IN SUPPORT OF THE ZAMBIA SCALING SOLAR ENERGY PROJECT November 29, 2017 World Bank - Energy and Extractives Global Practice - Africa Region International Finance Corporation - Infrastructure Department This document has a restricted distribution and may be used by recipients only in the performance of their



### [Western Power](#)

Western Power Company - Ngonye Falls Project - Climate Resilience 10th October 2024 4 CLIMATE VARIABILITY AND CLIMATE CHANGE Climate change and natural long-term Climate variability are two processes which may impact on river flows and therefore energy generation over the life of the Ngonye Falls project. Climate variability refers to cyclical patterns of change ...

## Zambia's Ngonye solar PV plant begins operation

Enel Green Power operating under Enel Group says operation has begun at the 34 MW Ngonye solar PV plant, which is the Group's first power plant in Zambia.. The solar plant, which is located in Lusaka South Multi-Facility Economic Zone in the country's south, is part of the World Bank Group's Scaling Solar programme carried out by Zambia's Industrial Development ...



## [Western Power Company hydropower](#)

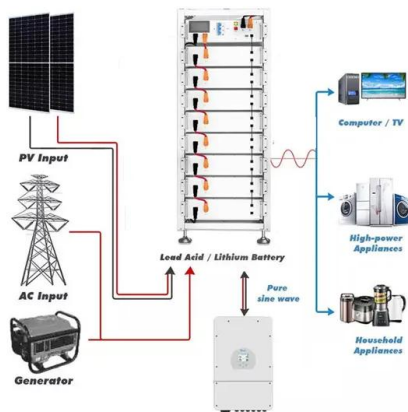
The Ngonye Falls Hydroelectric Project is a 180MW run-of-river scheme in the Western Province of Zambia, which is under development by the project SPV Western Power Company (WPC). The project is owned and developed by the project's local founders African Power Projects Ltd and InfraCo Africa. In its role as Principal Developer for InfraCo

## ZAMBIA: Western Power allocates \$500 million to Ngonye

Western Power Company, the company responsible for implementing the Ngonye hydroelectric project, announced that it would invest \$500 million to build the project on the Zambezi River Falls in western Zambia.  
 TANZANIA: the Bill finances \$15m for wind-powered mini-grids. More on the same area.  
 Drinking water SOUTH SUDAN: Torit's water



## Enel starts construction of Ngonye solar project, its first power ...



Search Press releases Enel starts construction of Ngonye solar project, its first power plant in Zambia. August 22, 2018 Enel starts construction of Ngonye solar project, its first power plant in Zambia Link copied to clipboard. EGP Zambia Ngonye ENG. PDF (0.16MB) Download Company Company; About; Our business; Commitments; Join us; All

## [Ngonye Falls, Zambia](#)

Ngonye Falls is an 180MW hydro power project. It is planned on Zambezi river/basin in Western, Zambia. Eleqtra Ltd (Eleqtra), formerly Eleqtra (Infraco) Limited, is a project development and investment firm. The company's service offerings include construction, project or plant development, equity investments, operations and portfolio



## **Zambia: renewable energy generation capacity amplifies**

The Ngonye Power Company Limited is a joint venture by Enel Green Power of Italy, and the Industrial Development Corporation of Zambia. Ina Ruthenberg, World Bank country manager for Zambia, commented: "The Ngonye project will increase and diversify Zambia's renewable energy generation capacity and support government's objective of

## **RENEWABLE ENERGY A GAME CHANGER FOR ZAMBIA**

The IDC's second project, the 34 MW Ngonye Power Company, is a US\$ 40 million solar power plant owned by Italian company Enel Green Power (80%) and IDC (20%), and it was financed

by the IFC, the European Investment Bank (EIB) and the IFC-Canada Climate Change Programme.

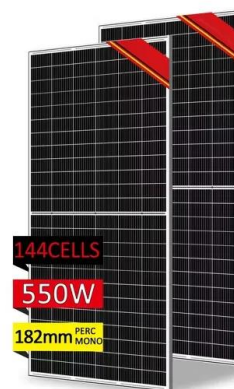


## The Project

The Ngonye Falls project is a run-of-river hydroelectric power station on the Zambezi River in the Western Province of Zambia. The power station will have 180 MW of electricity generation capacity - adding around 8% to Zambia's total - and will produce 830 GWh per year of cost effective, clean, renewable energy for local demand and export.

## List of power stations in Zambia

Ngonye Power Company Limited: Serenje Solar Power Station: Chitambo District: 12°45'29"S 30°34'38"E The Ngozi Geothermal Power Station is a planned 200 MW (270,000 hp) geothermal power plant in Tanzania, which is expandable to 600 MW (800,000 hp) in future.



## Ngonye Solar Power Station

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## Location

The Ngonye Falls are on the Zambezi river in the Western Province of Zambia. The site is adjacent to a new all weather road that provides access to the borders of Namibia, Botswana and Zimbabwe. A new bridge downstream of the falls links Sesheke to Mongu.



## [Western Power - InfraCo Africa](#)

The Western Power Company (WPC) project will establish a 180MW run-of-river hydroelectric power plant at Ngonye Falls on the Zambezi River in the Western Province of Zambia. The project will divert water from the river's left channel into a 3km canal served by a partly-underground plant facility. The project is managed by founders Africa

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## [About: Ngonye Solar Power Station](#)

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Zambia (IDC), a parastatal company. The ...

## HERITAGE IMPACT ASSESSMENT FOR THE PROPOSED ...

According to Western Power Company Ltd, around 1km above the Ngonye falls; a low barrage will be built from the east bank of the river to the Sioma Island. This barrage will direct water into a 3km long open canal which will carry the water to the site of the power station on the bank of the river below the falls. The



Standard 20ft containers



Standard 40ft containers

## Zambia: US\$500m to be invested in Ngonye Falls hydropower ...

Zambia is set to receive US \$500m from WESTERN Power company for the construction of the Ngonye Falls hydropower generation project in Western Province. According to Western Power company Managing Director Tom Younger who announced the reports, the overall objective of the project is to generate clean, dependable and affordable power to ...

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