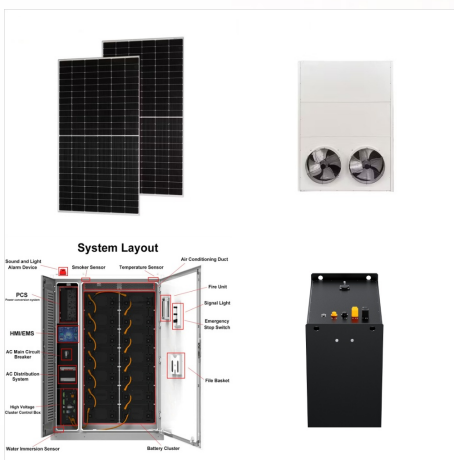




**PROJECT DESCRIPTION:** Ngonye Falls Hydroelectric Project is a project of Western Power Company. It will be the largest run-of-river hydro in Zambia and largest Zambian renewable private power producer (IPP) with 180 MW capacity and 830 GWh per year of energy generation. **PROJECT LOCATION:** Zambezi River, Western Province **LEAD ???**



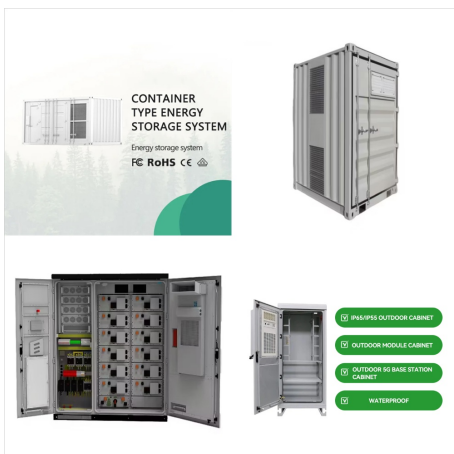
The IDC's second project, the 34 MW Ngonye Power Company, is a US\$ 40 million solar power plant owned by Italian company Enel Green Power (80%) and IDC (20%), and it was financed by the IFC, the European Investment Bank (EIB) and ???



The Ngonye Falls Project helps to deliver the New Dawn Government's Vision 2030 set down in the 8th National Development Plan for An Industrialised and Diversified Economy through Enhanced Generation, Transmission and Distribution of Electricity. 24 November 2022 Western Power Company - Ngonye Falls Project - **COMMERCIALY CONFIDENTIAL 2**



Power purchase agreement The power generated from the project will be sold to ZESCO under a power purchase agreement for a period of 25 years. For more details on Ngonye Falls, buy the profile here. About Eleqtra Eleqtra Ltd (Eleqtra), formerly Eleqtra (Infracore) Limited, is a project development and investment firm.



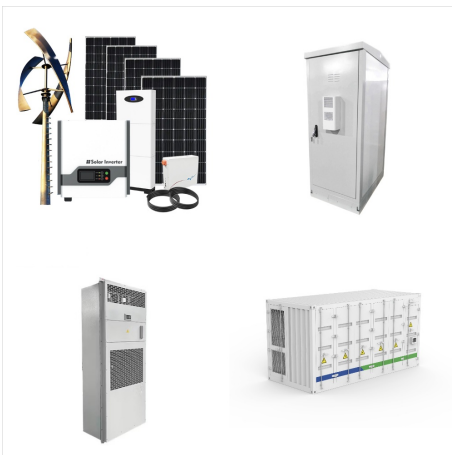
Enel Group will be investing \$40m for the construction of this project, which is slated for completion by the first quarter of next year. In June this year, the group signed a financing agreement of \$34m with IDC for the construction of the PV plant that include senior loans of up to \$10m from the International Financing Corporation (IFC), up to \$12m from the IFC-Canada ???



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. The electricity produced by the Ngonye hydroelectric plant will be sold to Zambia Electricity Supply Corporation (ZESCO), the company



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



The maximum rate of energy production at any time is limited by the size of the canal and the turbines which set the 180MW capacity of the power station. An unusual feature of the Ngonye Falls project is the variation in generation head ???



WPC is a Zambian led Independent Power Producer (IPP), which has to date been financed by InfraCo Africa, Development Bank of Southern Africa (DBSA) and the founders through African Power Projects. The Ngonye ???



Western Power Company ??? Ngonye Falls Project  
4. th Sept 2024. 2. The Ngonye Falls Hydroelectric Project is a \$700m, 180MW, run-of-river hydroelectric power station that will be built on the Zambezi River in the Western Province of Zambia. Following its commissioning in 2028, the power station will produce approximately 800GWh



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

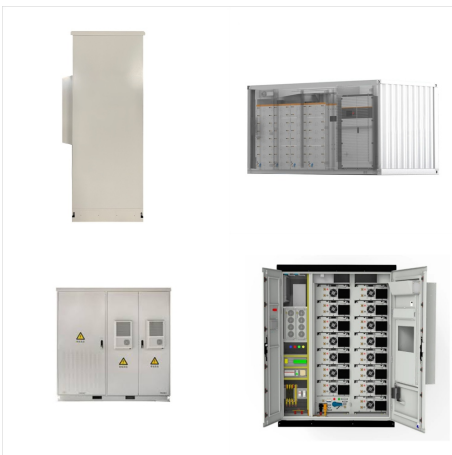


Enel's renewable arm Enel Green Power started construction of the 34 MW [1] solar PV facility, which is located in southern Zambia and, once completed, is expected to produce around 70 GWh per year, avoiding the annual emission of over 45,000 tons of CO<sub>2</sub> into the atmosphere; Enel will be investing approximately 40 million US dollars in the construction ???

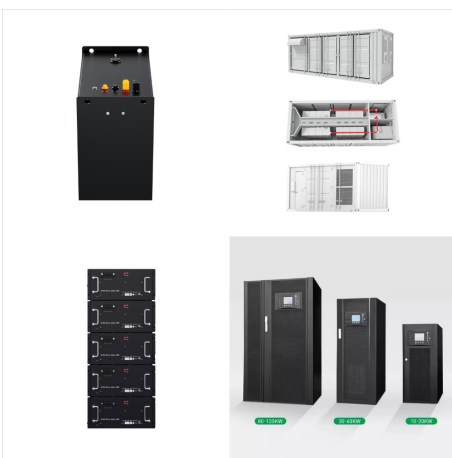




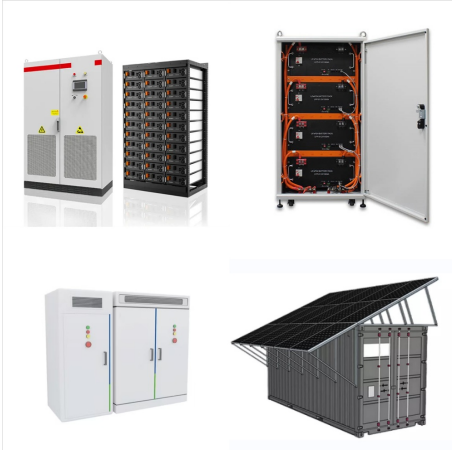
Western Power Company ???Ngonye Falls Project  
4th Sept 2024 2 The Ngonye Falls Hydroelectric  
Project is a \$700m, 180MW, run-of-river  
hydroelectric power station that will be built on the  
Zambezi River in the Western Province of Zambia.  
Following its commissioning in 2028, the power  
station will produce approximately 800GWh



The company Neoen, which is the majority  
shareholder of the ad hoc company carrying out this  
project, has signed a 25-year power purchase  
agreement with Zambia Electricity Supply  
Corporation (ZESCO). The public company will buy  
the MW/h at \$60.15. The 54 MW plant is expected  
to supply 30,000 households and several  
companies.



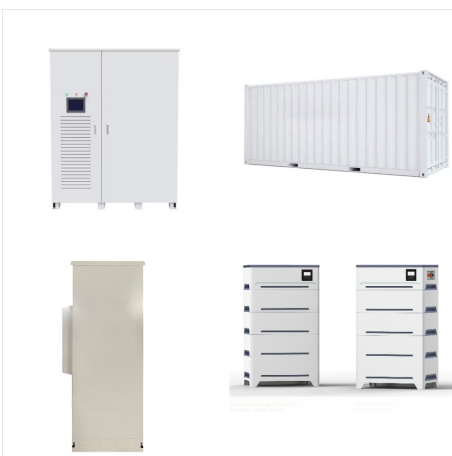
Ngonye Solar Power Station (NSPS), is a 34 MW  
(46,000 hp) solar power plant in Zambia. The solar  
farm that was commercially commissioned in April  
2019, was developed and is owned by a consortium  
comprising Enel Green Power of Italy, a  
multinational renewable energy corporation, and the  
Industrial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



Advisers to Enel Green Power S.p.A in connection with the due diligence that was conducted on Ngonye Power Company Limited, which is a Special Purpose Vehicle ("SPV") that was established as a solar photovoltaic electric power generation plant in Lusaka to design, construct, finance, operate and maintain the solar photovoltaic electrical



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



Ngonye ??? Power Evacuation ??? Power Evacuation study completed in 2013 in conjunction with ZESCO Transmission Western Power Company Western Power Company Ltd Fig Tree House 1 Warthog Road Box 320181, Kabulonga Lusaka Zambia Tel: +26 0211 262 773 Web:



Neoen and IDC jointly created Bangweulu Power Company Limited, the company behind the project. Neoen, the company with the largest shareholding (80%) signed a 25 year contract with ZESCO Limited and this is expected to supply power to 30 000 households and several companies. Ngonye Plant was commissioned in 2019 and is a joint venture



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 ???



Western Power Company is a Zambian Independent Power Producer which is working for the development of Zambia through electricity generation which is sustainable, clean, efficient and cost effective. Western Power is focussed on developing the Ngonye Falls Hydroelectric Scheme on the Zambezi River in the Western province of Zambia, a 60MW run



Renewable energy multinational Enel Green Power's (EGP's) Ngonye solar plant, in the Lusaka South Multi Facility Economic Zone, is using tracking systems that feature solar photovoltaic (PV



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



The maximum rate of energy production at any time is limited by the size of the canal and the turbines which set the 180MW capacity of the power station. An unusual feature of the Ngonye Falls project is the variation in generation head through the year caused by water levels in the narrow downstream gorge varying, depending on the flow in the