

European Solar and Energy Storage Solutions

Wind works power corp Cabo Verde



All In One

Integrating battery packs



Intelligent Integration

integrated photovoltaic storage cabinet



High-capacity

50-500kWh



Rated AC Power

50-100kW



Degree of Protection

IP54



Altitude

3000m(>3000m derating)



Operating Temperature Range

-20~60°C(Derating above 50 °C)

Overview

How many wind turbines are there in Cape Verde?

The project constructed 30 wind turbines across four of Cape Verde's islands (Boa Vista, São Vicente, Sal and Santiago) and established Cabeólica SA as the first Public Private Partnership (PPP) to deliver commercial scale wind power in sub-Saharan Africa.

What is cabeolica wind power?

The project company, Cabeolica S.A., was established by the founding partners in 2009 and began generating power from September 2011. Lying across the trade winds belt, the archipelago has consistent wind speeds of up to 10m/s creating one of the best locations in the world for wind power generation.

Who owns cabeolica wind farm?

Cabeolica S.A. is the first commercial-scale, privately financed, public private partnership (PPP) wind farm in sub-Saharan Africa. The PPP is held between the Government of Cape Verde; Electra, the government owned utility company; and InfraCo, a publicly financed privately managed project development company.

What is cabeolica & how does it benefit Cape Verde?

Now it is completed, Cabeolica provides 25% of the country's energy. The project means a substantial reduction in fuel imports leading to significant financial savings. Abundant source of renewable energy, cheaper and cleaner than previous sources relied on in Cape Verde.

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Wind Works Power Corp

Wind energy is clean, cost effective, and one of the fastest growing sources of new energy in the world. With only a few windmills, electricity can be supplied for thousands of homes. Read more. Wind Works Receives Positive Results For It's New US Gigawatt Project Pipeline; Wind Works delivers turnkey wind project Wald

Wind Works Power Corp.

· Experienced with the entire greenfield development process of wind power projects across the United States. Thomas Tschiesche, Ph.D., Advisor Dr. Tschiesche received a Master of Science in Mechanical Engineering from the University of Washington, Seattle and a Ph.D. from the University of Duisburg.



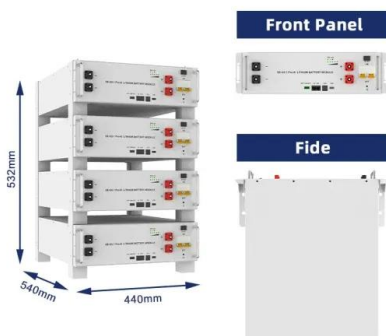
Cabeólica - InfraCo Africa

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Cape Verde greenlights wind farm expansion, BESS projects

The Cape Verde government has signed a

contract with the domestic partly state-owned wind power operator, Cabeolica, to support its wind farm expansion and battery installation projects in the archipelago nation off the West African coast.



Smart mobility, clean energy

In terms of wind power, Cape Verde has an exceptional wind condition, which normally blow at high speed, particularly on the islands north of the archipelago, generally stable and of monodirectional prevalence. These are important conditions for wind energy production, and in Cape Verde, such conditions meet in the best possible way.

Cabeólica - InfraCo Africa

The Cape Verdean archipelago, 570km off the West African coast, is consistently windy with average speeds of ten metres per second. The first grid-connected wind turbines were constructed in 1994 to harness this potential, but twelve years later wind power represented less than two percent of Cape Verde's energy mix.



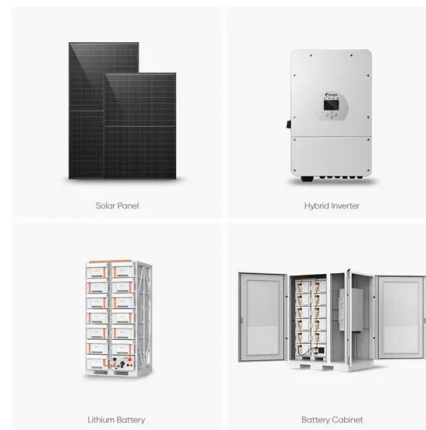
Four Cape Verdean wind parks have saved 47,000 tonnes of CO2 ...

In Cape Verde, the electricity produced by the four wind parks of Cabeólica, an ALER member, avoided the emission of 47,261 tonnes of CO2 in 2022, according to the company, which plans to start expanding production this year.



Wind Works Power Corp.

August 25, 2011 - Wind Works Power Corp. Signs Agreement with REpower Systems to Supply 25 Turbines for Canadian Wind Projects; August 5, 2011 - Wind Works Power Corp. enters Joint Venture to Build and Operate Transmission Facility in Germany



Wind Works Power Corp.

In October 2008, Canada's largest wind farm, the Melancthon Eco Power Centre near Shelburne, Ontario came on line with 133 turbines, and since that time 800 MW of projects have come on line and the Ontario Minister of Energy, Hon. George Smitherman, has directed the Ontario Power Authority to revise its business plan to procure MORE that the



ENERGY PROFILE Cabo Verde

Distribution of solar potential
 Distribution of wind potential
 World Cabo Verde Biomass potential:
 net primary production
 Indicators of renewable resource potential
 Onshore wind: Potential wind power density (W/m²) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows



Wind power: Cabeolica in Cape Verde to invest \$50m in ...

In Cape Verde, special-purpose company Cabeolica has obtained the go-ahead from the authorities to expand its wind energy production capacity on the island of Santiago. The company will also invest in electricity storage.

InfraCo Africa sell their equity stake in Cabeólica, a 25.5 MW Wind ...

Working jointly with the Government of Cape Verde (GoCV) and Electra S.A.R.L (the national utility), InfraCo Africa provided the initial funding and expertise required to develop a sustainable, commercially viable 25.5MW wind farm across four of Cape Verde's islands (Boa Vista, São Vicente, Sal and Santiago).



Cabeolica Wind

The project company, Cabeolica S.A., was established by the founding partners in 2009 and began generating power from September 2011. Lying across the trade winds belt, the archipelago has consistent wind speeds of up to 10m/s creating one of the best locations in the

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12.8V 200Ah

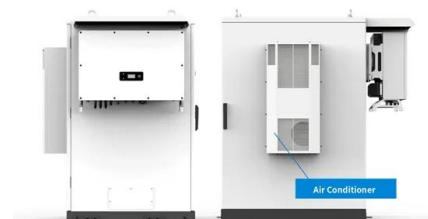


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Wind Works Power Corp.

Wind Works Obtains Initial Funding For it's US Project Pipeline July 28, 2020. SCHENECTADY, NEW YORK, UNITED STATES, July 27th, 2020. Wind Works Power Corp. (OTC:WWPW -News) is pleased to announce that it has obtained \$ 2 Million initial funding for 5 projects in the US consisting of an about 1,000 Megawatt (MW) pipeline of early projects





Wind Works Power Corp.

Wind Works Power Corp. Announces Changes to Management Team and Board of Directors September 23, 2009. OTTAWA, ONTARIO--(MARKET WIRE)--September 23, 2009 - Wind Works Power Corp. (OTC BB:WWPW- News) and (Frankfurt:R5E1.F - News)(WKN: AOKE72) is pleased to announce that Dr. Ingo Stuckmann has been appointed Chief Executive Officer and ...

Wind Works Power Corp.

SCHENECTADY, NEW YORK, UNITED STATES, February 18th, 2021. Wind Works Power Corp. (OTC:WWPW -News) is pleased to announce that it received positive grid connection results for it's new US Gigawatt project pipeline. Wind Works received the results for 10 projects for a total of about 2 Gigawatts (2,000 Megawatt) wind and solar projects.



Cabeolica Wind

The Cabeolica wind farm, set across four islands of the Cape Verde archipelago, has led the way in wind power generation in Africa. The project company, Cabeolica S.A., was established by the founding partners in 2009 and began generating power from September 2011.

Wind Works Power Corp.

Während seiner Tätigkeit in der Geschäftsführung zeichnete sich Herr Woehl durch das erfolgreiche leiten eines internationalen Teams aus. Herr Woehl war bei Wind Works Power Corp seit 2011 als Vice-

President, Finance tätig bevor er ...



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