

Are wind-powered microgrids a real thing?

Wind-powered microgrids are relatively rare, but two companies -- CleanSpark and FlowGen -- have inked a deal to change that. FlowGen, a wind turbine technology company based in Switzerland, has agreed to use CleanSpark's mPulse controls in all of its microgrid projects across the globe.

What is CleanSpark & how does it work?

Initially a microgrid technology company, CleanSpark ventured into providing energy solutions for bitcoin-related companies. He emphasized that bitcoin mining processes vast amounts of data through a process known as proof of work, which requires quadrillions of calculations every second.

Can solar power a microgrid?

That includes telecom operations, cell towers and data centers, said Zach Bradford, CEO of microgrid company CleanSpark. However, he expects solar to be incorporated into about 70% of the wind-powered microgrids. If there's space for solar, the company wants to take advantage of it, along with wind.

What makes CleanSpark different from flowgen?

"CleanSpark brings the missing part to us, their IT solutions and experience of the market needs in the USA, and we bring the missing part to them," said Dirk Kuester, FlowGen CEO and founder, referring to FlowGen providing wind turbines and its experience in Europe.



A small microgrid being developed at a California golf club by CleanSpark offers a hint of the grid of microgrids or "fractal grid" energy futurists foresee. A developer of microgrid ???

# CLEANSARK MICROGRID SURINAME



2 ? ,25???12,Daume,16,Cajana7 ???



The U.S. Marine Corps has begun operating a \$1 million CleanSpark designed and built microgrid at its Camp Pendleton base near San Diego.. The California-based microgrid developer won the the contract in 2017 ???



Wind-powered microgrids are relatively rare, but two companies ??? CleanSpark and FlowGen ??? have inked a deal to change that. FlowGen, a wind turbine technology company based in Switzerland, has agreed to use ???

# CLEANSARK MICROGRID SURINAME



4 ? PowerChina is constructing three hybrid solar microgrids in Suriname to serve 25 remote villages. The projects combine solar panels, energy storage, and diesel backup, aiming ???



SALT LAKE CITY, April 19, 2021 /PRNewswire/ -- CleanSpark, Inc. (Nasdaq: CLSK) (the "Company" or "CleanSpark"), a diversified software, services, and Bitcoin mining company, today announced an update on its ???

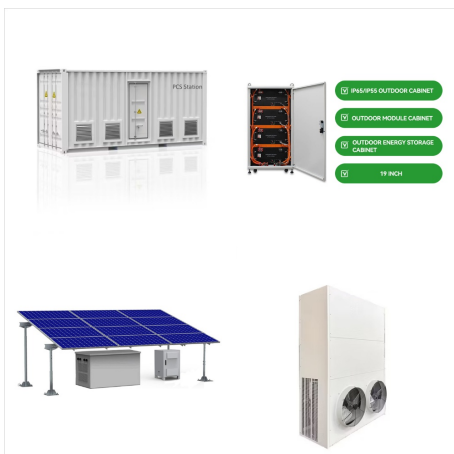


5 ? PowerChina is building three hybrid solar microgrids in Suriname, combining solar panels, energy storage, and diesel backup to power 25 remote villages across the country.

# CLEANSARK MICROGRID SURINAME



SALT LAKE CITY, Aug. 19, 2021 /PRNewswire/ -- CleanSpark, Inc. (Nasdaq: CLSK) (the "Company" or "CleanSpark"), a diversified software, services, and Bitcoin mining company, ???



CleanSpark's mPulse controls platform manages 482 kW of rooftop solar panels and a 250-kW/548-kWh battery storage system that helps reduce demand charges. CleanSpark's microgrid control system was tested ???



CleanSpark announced an update to ongoing roll-out of mVoult, the company's smart energy system and companion mobile app designed specifically for homes and small businesses. The app is now available for ???

# CLEANSARK MICROGRID SURINAME



Twelve remote villages in the Suriname forest now have access to uninterrupted power thanks to a new microgrid. When complete, the Suriname Village Microgrid Photovoltaic Project's five microgrids will have a combined ???