

Solar Energy South Africa

Sunculture solar products in today U S Virgin Islands



Overview

The Virgin Islands Consortium was founded in 2014 by Ernice Gilbert and covers U.S. Virgin Islands and Caribbean news, politics, opinion, business, entertainment, culture and much more.

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The Donoe solar farm in St. Thomas, U.S Virgin Islands was originally built in 2015 but sustained significant damage during the 2017 hurricane season. In 2019, BMR Energy agreed to acquire the site of the original solar farm and closed on the purchase in 2020.

“When I look around here today, I see the Virgin Islands getting out of the river when it comes to energy problems.” Under the Water and Power Authority’s interconnection agreement, WAPA will buy power generated by the solar farm at nearly 11 cents per kilowatt-hour and excess energy stored in the site’s batteries will be sold to the .

The adjoining solar facilities will provide a total of 140 MW solar capacity. The solar-plus-storage system is expected to fulfill 30% of the islands’ energy consumption needs. According to the Department of Energy (DOE), the U.S. Virgin Islands have heavily relied on fossil fuels to generate electricity in the past.

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Officials: Petronella Solar Farm to bring new wave of ...

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SunCulture

Explore SunCulture's journey through the eyes of leading media outlets. From Business Daily to BBC World Service, discover how our solar irrigation solutions are transforming agriculture and empowering smallholder farmers. Read about our groundbreaking innovations, strategic partnerships, and the impact we are making on sustainable farming. Stay updated with our ...



SunCulture

Stay informed with the latest news from SunCulture. Explore articles on maximizing water resources, the future of agriculture in Africa, and how SunCulture is building climate resilience. Learn about our annual updates, the best batteries for solar energy storage, and the benefits of solar farming. Discover our impact and innovations in sustainable agriculture.

How Can Solar Water Pumps Revolutionize Agriculture?

It can be tapped from sunlight through Solar Water Pumping (SWP). Besides, a solar water pump can save 20 to 50% of the cost of pump fuel for the farmer. Solar Water Pumping involves pumping of water with the help of solar pumps and guides it to a higher elevation where it can be used to irrigate crops.



SunCulture

Boost your farm's productivity with the ClimateSmart(TM) Direct with RainMaker 2CK, ideal for farms under 2 acres. This powerful solar irrigation system offers a maximum head of 30m and a flow rate of 2.75m³/hour, ensuring efficient water distribution. Enhance your setup with optional addons like a double-panel solar stand. Choose a sustainable and reliable irrigation solution that helps ...

About Us

About Us Get to know SunCulture At SunCulture, we strive to solve the biggest daily challenges of smallholder farmers. We use off-grid solar technology to provide our customers with reliable access to water, irrigation, lighting, and mobile charging, and we can do all of that with a single system. Our most popular products combine solar [...]



The Future of Agriculture in Africa

As a solar irrigation company, SunCulture is at the forefront of this revolution, working to support smallholder farmers to maximize their yields and improve their livelihoods. Smallholder farmers in Africa face numerous challenges, including unpredictable weather patterns, limited



access to water, and low crop yields.

VIElectron Hosts Walking Tour of Solar Facilities on ...

VIElectron, a renewable energy company that is building power infrastructure in the Virgin Islands with the support of Gov. Albert Bryan Jr. and government leaders, hosted a guided tour of the Petronella solar facilities on ...



Our Impact

Our Impact Read through some of our success stories Empowering smallholder farmers with solar irrigation 0 K+ Farmers use SunCulture products We are the largest distributor of solar irrigation for smallholder farmers in Sub-Saharan Africa, with 50% market share in East Africa 0 % Lower costs vs. petrol & diesel irrigation We use carbon revenues [...]

Solar Panels Services

The sun provides us with free energy place solar panels on roof. We have a suite of products to choose from depending on the needs of your home and farm. We'll guide you through a selection process to ensure you get the product that best serves you. Sunculture Uganda is a member or the Uganda Solar Energy Association. Let's Connect





[ClimateSmart\(TM\) Direct + Surface Pump](#)

Experience unmatched efficiency and sustainability with SunCulture's advanced solar irrigation pump. Designed to meet the needs of smallholder farmers, this solar irrigation water pump offers reliable and eco-friendly water solutions to boost agricultural productivity.

SunCulture

Discover the impact of SunCulture's solar irrigation solutions through inspiring success stories from smallholder farmers. Aligned with UN Sustainable Development Goals, our journey showcases the transformative power of solar irrigation. Explore our case studies and see how SunCulture is making a difference. Contact us at 0800 721 042 for more information.



SunCulture

Have questions about SunCulture's solar irrigation solutions? Explore our comprehensive Help & FAQs section for answers on our RainMaker solar pumps, ClimateSmart systems, drip irrigation kits, and more. Discover product details, specifications, and benefits. Contact us at 0800 721 042 or sales@sunculture.io for further assistance. Get reliable and sustainable solar irrigation ...

5 Reasons to Use Solar Products for Farming

The solar panels installed on the farm does not hurt crops, animals or soil. Besides, it works for their benefit. The panels are installed on open grasslands which provide an opportunity for

plants to grow and create ...



Caribbean Solar Company - Quality Solar in the Virgin Islands

Your Ultimate Choice for Solar in the Virgin Islands Learn about our off grid systems in St. John and St. Thomas in the US Virgin Islands. 340-643-6000 info@caribbeansolarcompany.com . Are you a current solar owner needing solar or roofing repairs, or looking to take your current system off grid? Contact Us Today! Name (required)

[Products Archive](#)

SunCulture Kenya shall be claiming carbon credits from the sale of SunCulture solar pumps (which includes Solar PV panels and pumps) used for irrigation in the various regions of Kenya. SunCulture shall claim the credits for sales made as of 1st August 2020



SunCulture

Upgrade your farm's irrigation with the ClimateSmart(TM) Battery with RainMaker 2C, perfect for farms under 2 acres. This powerful system offers a maximum head of 20m and a flow rate of 3.0m³/hour, providing efficient and reliable water delivery. Enhance your setup with



optional addons like a single-panel solar stand. Choose this sustainable, high-performance irrigation ...

Petronella Solar Farm Commissioned, Delivering ...

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U.S. Virgin Islands cover 30% of electricity needs with ...

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SunCulture

Discover the top 5 benefits of using solar water pumps for irrigation. Solar-powered irrigation systems provide cost-effective, sustainable, and reliable water solutions for farmers. Learn how these pumps enhance crop yields, reduce environmental impact, and empower remote areas with consistent water supply. Embrace efficient and eco-friendly ...





[News Archives](#)

Imagine you have a Solar panel on your roof that produces more electricity than you need. Where do you store it? The answer is Solar Battery! Batteries are the muscle of any Solar-powered system. A Solar battery has two basic functions: storing energy and discharging energy. When used to store energy, a battery acts as [...]

How Can Solar Water Pumps Revolutionize Agriculture?

In essence, solar energy revolutionizes agriculture! Do you want to reap the best benefits of solar-powered products? If yes, you are on the right page! Approach us at +254 700 327 002. We provide free installation and support for the solar products we deliver.



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.ian-solar.co.za>