

DrivePeak Overall facility energy savings of 13-22%
Environmental Leader 2015 Top Product of the Year

NexRev
[LEARN MORE](#)

[About](#) [Advertise](#) [Privacy](#)

ENERGY MANAGER TODAY

[Home](#) [News](#) [Columns](#) [Videos](#) [Webinars](#) [Research](#) [Energy Manager Jobs](#)

[POLICY](#) [PROCUREMENT](#) [MONITORING](#) [CONSERVATION](#) [ON-SITE ENERGY](#) [GRID](#) [BUILDING SYSTEMS](#)



[Home](#) / [Building Systems](#) / [US Virgin Islands Reduce Fossil Fuel Use 20% in 5 Years](#)

US Virgin Islands Reduce Fossil Fuel Use 20% in 5 Years

April 7, 2015 By [Linda Hardesty](#)



In 2009, the Virgin Islands was almost 100 percent dependent on imported oil for electricity, water desalination and transportation, resulting in electricity costs that were nearly four times the US national average. At that time, the Virgin Islands began a pilot project as part of the Energy Development in Island Nations (EDIN) initiative.

[f](#)
[t](#)
[e](#)
[p](#)
[+](#)
8

Solutions Providers



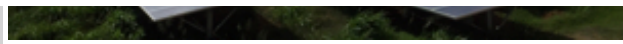
conEdison Solutions
 Energy. Efficiency. Expertise.

[Learn More](#)

Newsletter

Stay on top of data, news & analysis - subscribe to our free newsletter.

Email Address *



With support from the US Department of Energy (DOE) and the Office of Energy Efficiency and Renewable Energy (EERE), the Virgin Islands set a goal of reducing fossil fuel use by 60 percent by 2025.

Five years later that goal is on target as the Virgin Islands' fossil fuel use is down 20 percent. Renewable energy achievements include:

- A solar plant installed at the Cyril E. King Airport on St. Thomas, one of the largest photovoltaic systems in the Caribbean, saves nearly \$1,000 per day in electricity costs.
- Energy efficiency upgrades on 11 schools produced an energy cost-savings of \$1.3 million the first year and \$1.7 million the second year. As a result, the Virgin Islands' government has authorized \$35 million in funding to install lighting and water retrofits in 34 more schools.
- Nearly 1,500 solar water heating and PV systems have been installed throughout the territory, and 15 MW of distributed solar PV are either in place or under construction.
- DOE's National Renewable Energy Laboratory has collected the wind resource data needed to develop the territory's first commercial wind farm.

As a result of its success, the US Virgin Islands has been recognized as a regional leader in clean energy and has begun sharing best practices with other Caribbean nations. The Vice President's Caribbean Energy Security Initiative (CESI) is replicating DOE's model of engagement in the Virgin Islands.

Photo by Jennifer DeCesaro



Related:

- Richard Branson Powers Private Island with Renewables
- Turks and Caicos Joins Carbon War Room
- Solar Update: California's Yuba County, University of...
- Caribbean Resort Goes Solar
- NRG Energy Buys Solar Facility on St. Croix

Subscriptions*

Energy Manager Today

Retail Energy Buyer

Sign Up

Headlines 4/8/2015 4/7/2015 4/6/2015

Regulating the Energy Supply Chain for the new Information Economy

Nation's Capital Impacted by Power Outage

Building Sensors Can Be Powered by PV Technology

FirstFuel Raises \$23M in Series C Financing

Solar-Plus-Battery Systems Could Significantly Reduce Grid Loads


Intelligent Energy Envisions Universal Wireless Power

Toda's San Francisco Headquarters Go Solar

Emerson Intros Custom Air Handling for Data Centers

GTI Acquires Davis Energy Group

Sponsor Content



Got gas? Storage at 5-year high

Leave a reply

Name *

Email *

Website



CAPTCHA Code

*

Comment

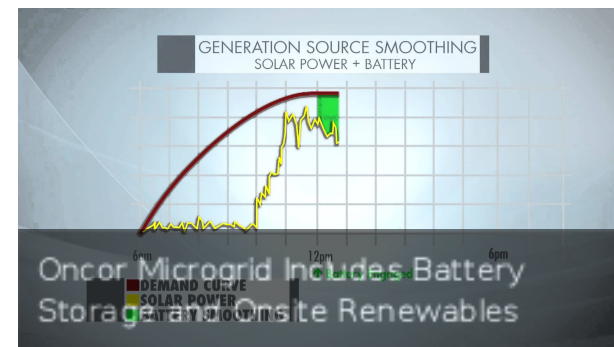
Post Comment

[Even US government conserving energy](#)

[Rooftop solar boosts home resale value: study](#)

[7 trends for the future of building sustainability](#)

Videos



Energy Management Jobs [View All](#)

> High - Energy Territory Sales Manager at **RCI** (Houston, TX)

Project Manager/ Senior Engineer
> (OnSite Energy & Power) at **Burns & Mcdonnell** (Brea, CA)

Commodity Trading & Risk
> Management Energy and Resources
Manager at **Deloitte Development**
(Los Angeles, CA)

- > Verdantix Green Quadrant for EHS Software
- > Best Practices in Electricity Procurement
- > 2015 Environmental Leader Product & Project Awards
- > Improve Your Company's Environment and Energy Performance
- > Unlocking the Value of Energy & Operational Data
- > Gartner Magic Quadrant
- > The Future of Operational Risk Management: The Oil & Gas and Chemicals Approach
- > 2013-2014 Winter Polar Vortex

Commodity Trading & Risk
> Management Energy and Resources
Senior Consultant at **Deloitte
Development** (Houston, TX)

Senior Manager Cyber Risk Services
> Energy and Resources at **Deloitte
Development** (Boulder, CO)

Energy Manager Today is a leading energy management news and industry analysis resource, featuring daily trade publication news to keep corporate executives fully informed.

Webinar: Risk Management - Planning for Ups and Downs

April 15, 2015, 2 PM ET

Sponsored by Siemens

[Register Now>>](#)

Close

Register Now

CY