

Jamaica Energy Internet Collaboration



AI Overview

Jamaica is advancing its energy resilience and internet connectivity through partnerships with the United States, private sector firms, and local organizations, combining renewable energy initiatives with digital infrastructure improvements. Internet Infrastructure Initiatives Jamaica has been actively improving its digital ecosystem through initiatives like the Jamaica Internet Exchange Point (JAIXP), which was recently relaunched to enhance local internet traffic management. By keeping traffic local, JAIXP improves network resilience, reduces latency, and lowers costs for government, businesses, and citizens. The relaunch involved collaboration with the Caribbean Network Operators Group (CaribNOG) and included regional and international experts to strengthen interconnection and cybersecurity capabilities. Additionally, the government is leveraging TV white spaces (TVWS)—unused television spectrum—to provide wireless connectivity to rural communities, expanding internet access in underserved areas. The Information and Communications Technology (ICT) Division of the Ministry of Science, Energy and Technology supports these efforts by developing policies, administering licensing, and facilitating investment in ICT infrastructure, ensuring a modern and robust regulatory framework for telecommunications and internet governance. Energy Sector Collaboration In the energy sector, Jamaica has partnered with the United States Government and private entities to implement clean and sustainable energy solutions. The Jamaica Energy Resilience Alliance (JERA), supported by USAID, executed the Strengthening Energy Sector Resilience in Jamaica (SESR-Jamaica) project from 2021 to 2024. This initiative focused on accelerating the adoption of distributed solar photovoltaics (PV) and PV with storage (PV+) among Jamaican businesses. Over the project period, 23 businesses installed PV/PV+ systems across 36 facilities, totaling 2.4 MW of solar capacity and 2.4 MWh of storage, while nearly...

Article Content

Jamaica's Renewable Energy Transition: Pathways and Challenges to ...

The analysis covers policy frameworks, economic factors, technological advancements, and international collaborations that shape Jamaica's progress toward its renewable energy targets.

Development and Prospect of Key Technologies of Energy Internet ...

Firstly, the essential concept and main features of the energy Internet are expounded. Secondly, according to the basic framework of the Energy Internet and the key technologies of the

JEP Group CEO Champions Cross-Disciplinary Solutions at UTech ...

Drawing on impactful examples from across the Caribbean, including Jamaica's Traffic Management Centre, Barbados' renewable energy advancements, and local agri-tech initiatives, he

Securing Jamaica's Energy Future Page ii

Jamaica National Energy Policy 2009 – 2030: Securing Jamaica's Energy Future will facilitate the achievement of the fundamental elements of the vision for amaica's energy sector and is built on the

Flow Foundation promoting digital literacy, safer internet

The Flow Foundation is continuing work to improve digital literacy and promote safe practices in the online space through its "Connected + Protected

Flow Jamaica Partners With Elon Musk's Starlink To

The collaboration brings free internet access to communities across Jamaica until November. The move comes after the powerful Category 5 storm

What is Energy Internet? Concepts, Technologies, and

Some of those relevant concepts are the Internet of Energy (IoE), the Internet of Anything, and more. Ref. states that the IoE is one of the new concepts within smart grid technologies that ...

2023 Jamaica Energy Report Card

Introduction This is the Energy Report Card (ERC) for 2023 for Jamaica.

Ministry of Energy, Transport and Telecommunications

Develops policy in relation to the administration of Information and Communications Technology across the GOJ and as such provides advice to the Minister on best practices to be implemented.

STATEMENT TO PARLIAMENT: UPDATE ON THE

Madam Speaker, Thank you for affording me this opportunity to provide an update to this Honourable House on the agenda to build a national

Jamaica Energy Partners

Jamaica Energy Partners produces electrical power generation plants and electricity.

Ministry of Energy, Transport and Telecommunications

e-Government Provides advice/guidance to its internal stakeholders and external counterparts, such as other Ministry, Department and Agencies (MDAs), and

US to Help Jamaica Widen Internet Access and Bolster

The United States has offered technical and financial assistance to Jamaica for harnessing renewable energy resources and widening Internet

Jamaica's Renewable Energy Transition: Pathways and Challenges to ...

Jamaica's international International renewable organizations essential technical and financial assistance for renewable energy and development instrumental Collaborations in advancing

Internet Access in Jamaica: From Fiber to the Final Frontier

Overall, mobile data has been the workhorse driving Jamaica's internet penetration into rural heartlands, helping bring online many communities that will likely never see a physical fiber

Disruptive technology and innovation

In Jamaica, we continue lagging. In the global environment, nations that strategically embrace disruptive technology and innovation are the ones best

LIBERTY CARIBBEAN WORKING WITH STARLINK DIRECT TO

As a trusted ally to the government and people of Jamaica, the Company will utilize spectrum approved by the Spectrum Management Authority and the Ministry of Energy, Transport,

Digicel Foundation launches "Safer Internet Together"

KINGSTON, Jamaica — The Digicel Foundation has launched its Safer Internet Together (SIT) programme, a year-long initiative aimed at

Viasat, ReadyNet Demonstrate High-Speed Satellite Internet across ...

CARLSBAD, Calif., Aug. 23, 2019 /PRNewswire/ -- In a public demonstration, attended by Jamaican regulators and government agencies including the Ministry of Science, Energy and Technology,

Welcome | JAM-ENERGY

This map presents the results of a study to identify suitable sites for utility and distributed-scale solar PV and wind technologies across the island of Jamaica.

Energy Internet, the Future Electricity System:

Energy Internet, a futuristic evolution of electricity system, is conceptualized as an energy sharing network. Its features, such as plug-and

Securing Jamaica's Energy Future

I welcome the opportunity to present Jamaica's National Energy Policy 2009 – 2030. The policy is timely especially in light of the increasingly important role of energy in the socio-economic development of

Digicel to power 40 per cent of cell sites with solar

DIGICEL Jamaica has partnered with US-based renewable energy firm Caban Energy to launch an ambitious solar roll-out across its

Jamaica's Renewable Energy Transition: Pathways and

Jamaica has set an ambitious aim of generating 50% of its electricity from renewable sources by 2030, reflecting its commitment to sustainable

Flow Jamaica Partners With Elon Musk's Starlink To

Elon Musk's Starlink has joined forces with Flow Jamaica to aid victims of Hurricane Melissa. The collaboration brings free internet access to

Contact Us

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