



Dominica smart energy group

Does Dominica generate solar power?

Dominica has a high solar potential with a solar resource of 5.6 kWh per square meter per day. The government has installed LED streetlights (in 2013 and 2014). Dominica also has approximately 30 MW of wind power potential, some of which is under development.

Does Dominica have a national energy plan?

Dominica drafted a national energy plan in 2011 and revised it in 2014. The objective of the plan is to make electricity generation on the island self-sufficient by 2020 using sustainable and indigenous resources.

Does Dominica have hydropower?

In the past, hydropower supplied 90% of Dominica's electricity. However, as population and electricity demand grew, diesel generator use increased and hydropower share diminished. Dominica Electricity Services Limited (DOMLEC) is the sole electric utility with an installed electrical generating capacity of 23.8 megawatts (MW) and a peak demand of 17.2 MW.

What is the cost of electricity in Dominica?

The electricity rates in Dominica, as of 2015, were \$0.39 per kilowatt-hour (kWh). This is higher than the Caribbean regional average of \$0.33/kWh.

Can Dominica develop geothermal power?

Dominica is expected to develop more than 100 MW of geothermal power and has secured funding for early-stage investment through the World Bank's Geothermal Development Plan. The island may be able to secure additional international and private sector funding for these projects.

Who owns Dominica Social Security & Light & Power?

Dominica Social Security holds a 20% share and Light and Power Holdings, a subsidiary of Emera Corp., holds a 53% share in Dominica Social Security & Light & Power. The remaining 27% is owned by employees, private citizens, and local corporations.

In an era where the transition to sustainable energy is imperative, Dominica is making significant strides in refining its regulatory landscape to enable a thriving energy sector. This advancement is propelled by a key partnership between USAID -through the Energy Sector Reform Project- and Dominica's Independent Regulatory Commission.

Dominica's Renewable Energy initiatives are central to the nation's vision of achieving energy independence and sustainability. Known as the "Nature Island of the Caribbean", Dominica leverages its abundant natural resources --geothermal, hydroelectric, solar, and wind energy--to reduce reliance on imported fossil fuels, lower ...



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DOMLEC Roseau, Commonwealth of Dominica -- (METERING) -- November 19, 2009 - Dominica Electricity Services Limited (DOMLEC) is to modernize its grid operations by deploying Elster's EnergyAxis®; smart grid system for the island.

Dominica Electricity Services Limited (DOMLEC) is located in the Commonwealth of Dominica, an island nation in the Caribbean. DOMLEC services an estimated population of 69,775 of the island of 291 square miles.

Dominica's primary source of renewable energy is hydropower, which currently accounts for approximately 28% of the country's electricity generation. The island's mountainous terrain and abundant water resources make it an ideal location for hydropower development.

The island's sole electricity provider Dominica Electricity Service Ltd. (DOMLEC) has assured the public that the AMI Meters (Smart Meters) installed on their homes are safe. DOMLEC has taken the initiative to install the meters on homes in Dominica but some have raised fears that they may not be safe.

- o 2009: DOMLEC installed 26,000 smart meters as part of its Automated Meter Infrastructure (AMI) project.
- o 2013 and 2014: A government-led initiative installed LED streetlights. Dominica has high solar potential with a solar resource of 5.6 ...

Engineers at Dominica Electricity Services Limited (DOMLEC) are looking forward to the day when they can use data from advanced metering infrastructure (AMI) for better system modeling. Service personnel will use these data to map outages and verify restorations.

The S-REP is a multi-donor stakeholder process to identify a cost-effective, reliable and climateresilient electricity system for Dominica. It focuses on answering the most pertinent questions regarding Dominica's energy rebuild following the devastation caused by Hurricane Maria in September 2017, and provides a strategic pathway for energy ...



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