



Trinidad and tobago utility-scale solar





Overview

The largest utility-scale solar farm in the Caribbean is currently under construction in Trinidad (with a peak production of 122MWp). Land constraints limit expansion, but decentralized solar—on rooftops, commercial buildings, and across communities—can enhance energy access and. On July 9th 2025, Dr. the Honourable Roodal Moonilal, Minister of Energy and Energy Industries and the Honourable Ernesto Kesar, Minister in the Ministry of Energy and Energy Industries joined a Ministerial Delegation to visit our country's 92. The Brechin Castle facility. Lightsource bp is on a mission to become a global leader in onshore renewables, anchored by our proven track record in solar development. We work with utilities, businesses, local communities and governments to help meet the rising demand for affordable, reliable and sustainable energy. It is expected that this will eventually create up to 112 MW of solar generation for Trinidad and. The Brechin Castle Solar Limited, (a joint venture partnership between bp, Shell and NGC), confirms that it has achieved first electrons from the nation's first utility scale solar farm.



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50KW modular power converter



Flexible Configuration

- Modular Design, Expanding as Required
- Small/Light, Wall Mounted
- Installed in Parallel for Expansion



Powerful Function

- Support PVHES
- Grid Support, Equipped with SVG Technology
- On-Grid and Off-Grid Operation



Reliable Protection

- Outdoor IP65 Design
- Sufficient Protection Functions Equipped

Trinidad & Tobago: a Shifting Energy Landscape

Shell Trinidad and Tobago Limited has been involved in a number of Ministry of Planning pilot initiatives, and have partnered with bpTT on a Trinidad and Tobago's first utility scale solar project.

Ministerial Delegation Visits Trinidad and Tobago's First Utility Scale

Once commissioned, the project will be largest Solar Utility Scale Plant in the CARICOM Region. The Ministry of Energy and Energy Industries is proud to report that the solar plant is on ...



First electrons flow from Brechin Castle solar farm

The Brechin Castle facility is Trinidad and Tobago's first utility-scale solar farm and is being developed through a joint venture between bp, Shell, and the National Gas Company (NGC).

Solar Energy in Trinidad and Tobago Market to Reach USD 1000.0 ...

Potential for Utility-Scale Projects: Both Trinidad and Tobago have opportunities for utility-scale solar farms due to available land and high solar irradiance, which can significantly ...



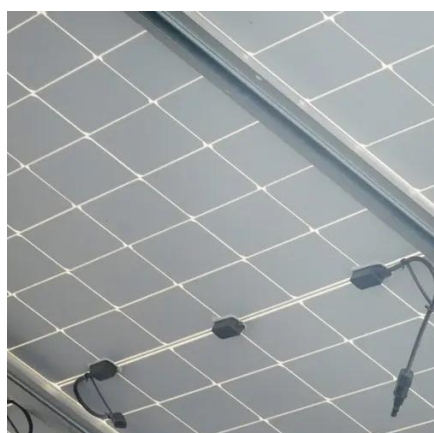
[Green Grid Dreams: The Vision Behind Trinidad and Tobago's ...](#)

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[Caribbean Solar News: Trinidad & Tobago Launch Couva Solar Park](#)

Trinidad and Tobago has taken a monumental leap forward in its renewable energy journey with the inauguration of the 112.2-MWdc Couva Solar Park, the largest solar project in the ...

12.8V 200Ah



[Brechin Castle Solar Limited achieves first electrons](#)

Once fully commissioned, the solar farm will have the capacity to deliver up to 92 megawatts (ac) of power into the national electricity grid. This makes it the largest utility-scale solar ...

[EAI brief: MEEI delegation visit Trinidad and Tobago's first utility](#)



A delegation from Trinidad and Tobago's Ministry of Energy and Energy Industries (MEEI), led by ministers Roodal Moonilal and Ernesto Kesar, listed the twin-island country's 92.2 MW solar ...

GRADE A BATTERY

LiFePO4 battery will not burn when overcharged, over discharged, overcurrent or short circuited and can withstand high temperatures without decomposition.



Lightsource bp Trinidad and Tobago

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[Solar Energy Market in Trinidad and Tobago Outlook Report](#)

The Solar Energy in Trinidad and Tobago Market is witnessing growing momentum as the country focuses on sustainable energy adoption and diversification from fossil fuels. Trinidad and Tobago, ...





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