

Trinidad and Tobago Energy Storage Policy Planning Project



Overview

June 12, 2024 - The University of the West Indies (The UWI), St. Augustine Campus, and The University of Trinidad and Tobago (UTT) have partnered to produce the Caribbean's first catalog of carbon storage sites - in depleted oil and gas reservoirs throughout Trinidad and Tobago. The Government of Trinidad and Tobago is currently developing a national energy policy green paper that recognises renewable energy's (RE) combined with energy efficiency (EE) and utilisation of compressed natural gas in the transportation sector, inter-alia, as important strategies for the. Community solar photovoltaic panel project helps Trinidad and Tobago act on its Nationally Determined Contributions (NDCs) to mitigate climate change. Trinidad and Tobago's transition to renewable energy was given a boost with the installations of small-scale roof-mounted Solar Photovoltaic (PV). EV sales is picking up around the world. In fact, in 2024, electric car sales surpassed 17 million worldwide, increasing by 15% to the national grid by December 2025. bpTT has committed \$340,000 to the CCS Storage Atlas project which is jointly led by the University of the West Indies and University of Trinidad and Tobago. Trinidad and Tobago (T&T) continues to be a significant energy producer in the Caribbean. As a Small Island Developing State (SIDS), T&T also faces unique challenges from the effects of climate change.

Article Content

Techno-economic insights on solar PV + storage in Small Island

To address these gaps, this study quantifies the techno-economic and environmental performance of solar PV + storage across varying system sizes and battery types in Trinidad and

GCCA+ Project Wins Best Decarbonization Project 2025

On January 11th, 2025, the European Union-funded GCCA+ Project, implemented by UNDP in partnership with the Ministry of Planning and

Navigating the energy transition: Trinidad and Tobago's

Explore Trinidad and Tobago's journey toward a sustainable future in the energy transition. Learn how the country is balancing economic growth with

UWI and UTT Launch Climate Change Strategy: The Carbon Capture ...

As a signatory to the Paris Climate Agreement, Trinidad and Tobago is well-poised to fulfil this mandate while becoming a regional leader in carbon capture and storage (CCS) - which

RIC Staff Discussion

ap Series of papers. This document outlines some of the options available for deploying Energy Storage (ES) within the local electricity sector. It provides information on the types of ES that are available

A Unique Approach for Sustainable Energy in Trinidad and Tobago

The Government of the Republic of Trinidad and Tobago (GoRTT) is in the process of developing a Sustainable Energy Program (SEP), which aims to manage its natural resources in a more

2023 Trinidad and Tobago Energy Report Card

Acknowledgements The CCREEE acknowledges the contributions of the Ministry of Energy and Energy Industries, Trinidad and Tobago, and thanks Mr. Andre Boodram, Planning Officer II (Ag), in the

Trinidad and Tobago secures funding for CCS

Trinidad and Tobago has secured support from the Green Climate Fund (GCF) for a Carbon Capture and Storage (CCS) project, marking the first time the GCF has funded such an

RIC Staff Discussion

This Staff Discussion Paper “Promoting Energy Storage in Trinidad and Tobago” is the final publication of the Energy Road Map Series of papers. This document outlines some of the options available for

Trinidad and Tobago

Trinidad and Tobago completed its TNA in 2023. Unlike many other Caribbean nations, Trinidad and Tobago has a relatively large industrial base. It is the

Project Management Model Applied to Carbon Capture and Storage

This paper demonstrates the application of the project management model for CCS via international collaboration, and explores the opportunities and challenges of CCS implementation in T& T.

bpTT joins forces with UWI, UTT on carbon capture and storage

The project will form the foundation for assessing the feasibility of using carbon capture and storage as a solution to significantly reduce Trinidad and Tobago's carbon emissions. Apart from funding, bpTT's

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Powering Progress: Reviewing GCCA+ Solar Project in T& T

Trinidad and Tobago's transition to renewable energy was given a boost with the installations of small-scale roof-mounted Solar Photovoltaic (PV) solar panels, capable of supplying

SUGGESTED ENERGY TRANSITION POLICY FOR TRINIDAD AND TOBAGO

INTRODUCTION Trinidad and Tobago will be impacted significantly by international climate change policies. It is expected that after COP26 various nations will intensify their efforts to achieve Net-Zero

Ministry of Energy and Energy Industries | Renewable

The Ministry of Energy and Energy Industries is currently spearheading a number of initiatives in this regard. A major challenge to the promotion of RE relates to

Green Grid Dreams: The Vision Behind Trinidad and

To catalyze renewable energy growth in Trinidad and Tobago, government can implement a coordinated policy framework that creates market certainty, attracts

Trinidad and tobago energy storage policy

In a keynote address last week, the minister said he intends to have bankable data by next year, identifying the best onshore and offshore sites for wind energy projects in Trinidad and Tobago.

Carbon Capture and Storage (CCS) in Trinidad and Tobago: A

The next phase involves detailed reservoir simulation models to refine storage capacity estimates and enhance project feasibility. This is the first CCS initiative in the Caribbean, paving a

“Harnessing the Sun and Paving a Green Energy

This project aims to reduce our carbon footprint, promote renewable energy, and encourage energy efficiency. Through solar photovoltaic (PV)

Optimizing the sustainable energy transition: A case study on Trinidad ...

Ultimately, through a multi-objective optimisation framework, our results highlight the value of systems-based planning and implementation in the sustainable energy transition across the

Energy Road Map Series

n Trinidad and Tobago. The sluggish pace for RE integration in Trinidad and Tobago is indicative of impediments to realizing the established targets. Also, limited elements of a supportive policy

The Port of Spain Energy Storage Power Station 2025: Powering Trinidad ...

That's Trinidad and Tobago's energy landscape right now – vibrant but desperately needing an upgrade. The Port of Spain Energy Storage Power Station 2025 isn't just another

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