

Global Climate Change Alliance Plus Trinidad and Tobago

“Support to the Implementation of Trinidad and Tobago’s Nationally Determined Contribution”

SPEYSIDE HIGH SCHOOL



The Speyside High School in Tobago is one of the sites earmarked for the installation of a small-scale roof-mounted solar photovoltaic (PV) system, through the GCCA+ Project. This project is an initiative of the EU (European Union) in partnership with the UNDP and the Government of Trinidad and Tobago, to provide vulnerable communities with a source of renewable energy and to promote energy efficiency.

The Speyside High School is one of the largest schools on the island and operates above capacity to meet the needs of the surrounding villages and community. Mr. Kion Orr, Physics Teacher at the school and holder of a Master Craftsman certificate in Solar Efficiency, cited the school’s Science Lab as the ideal location for the new solar installation as the existing system, originally donated by UNATT (United Nations Association of Trinidad and Tobago), was dated and beyond repair. The new system would power the entire Science Lab from basic lighting to essential equipment used by the students in the course of their work. While online learning is much more accessible currently, science students, still need physical access to conduct laboratory work. It is with this in mind that this site was selected for the solar installation.

A sound educational grounding at the secondary level is critical to the success and future of student’s development on their journey to higher education and or the world of work. The GCCA+ Team is happy to assist in ensuring a brighter future for the students at the Speyside High School. *“We hope that through the advocacy of the school’s population and extended community, together we can build a ground swell of support for the adoption of renewable energy and bring focus to energy efficiency in daily life. This installation highlights how this means of energy generation can directly and positively impact those in vulnerable circumstances,”* says Stephen Badrie, Project Manager of the GCCA+ Team at the UNDP TT.



Contacts:

UNDP: Name, Position | [@undp.org](https://undp.org) | www.tt.undp.org

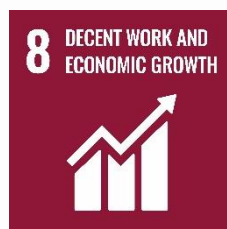
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TECHNICAL SPECS:

Site Name	Speyside Secondary
Load Characteristics	Secondary School
PV system size	5kW
Estimate Annual Energy Production (kWh)	9413
Estimated CO ₂ Emissions avoided annually (kg of CO ₂).	6137.8
Core Business	Education

ALIGNMENT TO SUSTAINABLE GOALS (SDGs):



<https://www.un.org/sustainabledevelopment/>

ABOUT GCCA+

Global Climate Change Alliance Plus (GCCA+) is a European Union flagship initiative aimed at helping the world's most vulnerable countries to address climate change. This EU initiative helps mainly Small Islands Developing States (SIDS) and Least Developed Countries (LDCs) increase their resilience to climate change. <https://www.gcca.eu/>.

ABOUT UNDP:

UNDP is the leading United Nations organisation fighting to end the injustice of poverty, inequality, and climate change. Working with our broad network of experts and partners in 170 countries, we help nations to build integrated, lasting solutions for people and planet. Learn more at www.ttundp.org or follow at @UNDPTT.

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