

RECs or Carbon Credit: What Should My Company Choose?

REC VS Carbon Credit: Understanding the Difference

You may know that carbon credits can be used to offset your company's carbon footprint, but do you know about Renewable Energy Certificates or 'RECs'?

Know the Basics

While carbon credits help you reduce scope 1, 2, 3 emissions and reach carbon neutral goals, RECs specifically reduce scope 2 emissions and helps you reach renewable energy goals.

Renewable Energy Certificates (RECs)



A type of proof that renewable energy has been generated, usable by individuals or organisations to claim the environmental benefits of supporting clean energy.

Typically associated with the production of one megawatt-hour (MWh) of electricity from a renewable energy source.

Carbon Credits



A type of tradable permit or certificate that represents the reduction or removal of greenhouse gas (GHG) emissions.

Typically associated with projects or activities that contribute to reductions or removal of carbon dioxide (CO2) emissions

Detailing the Difference

Fundamentally, the 2 instruments are different not only in the nature of their purpose & usage, but also in the little details as outlined.

	Renewable Energy Certificates (RECs)	Carbon credits
Measurement Unit	MWh	tCo2eq
Source	From Registered Renewable Energy Assets (Solar, Wind, Hydropower, Biomass)	From carbon reduction and carbon capture projects
Registries/ Standards	I-REC, TIGR	VERRA (VCS), Gold Standard, T-VER
Purpose	<ul style="list-style-type: none"> • To support the development of Renewable Energy production • To reliably track the green attributes of the electricity consumption • To offer more choices for consumers who would like to purchase green electricity 	<ul style="list-style-type: none"> • To capture or avoid the release of Greenhouse gases.
Offsetting and Sustainability Reporting	Only concerns with scope 2 emissions only	Can be used to offset scopes 1, 2 & 3 emissions
Claim	Claiming usage of Renewable Energy when RECs are purchased.	Claiming reduction or avoidance of Greenhouse Gases of the organisation

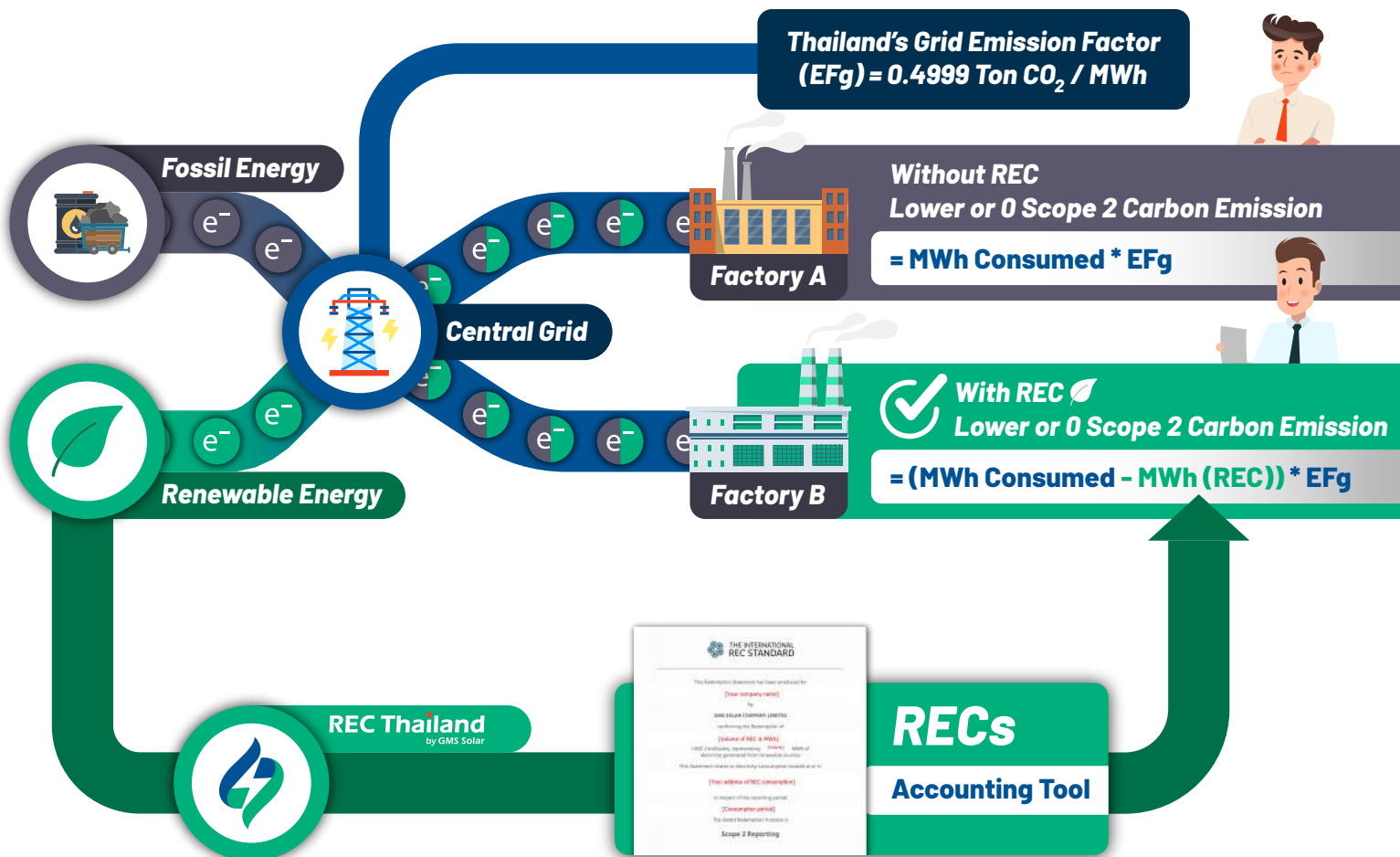
What GMS Recommends

While Carbon Credits & Renewable Energy Certificates (RECs) are different, with both having their own benefits & purpose, at REC Thailand, we recommend you consider purchasing RECs.

In 2023 alone, the number of reports and awards for sustainable companies that used RECs (e.g., RE100, CDP, SBT) has been tremendous, as more and more organisations realize the significance and effectiveness of reducing their scope 2 carbon footprint.

How do RECs Work

Electricity is produced from both fossil & renewable energy sources. When fed into the grid, each electron becomes indistinguishable. Purchasing a Renewable Energy Certificate or 'REC' tracks the 'green attributes' of renewable energy, enabling individuals or organisations to lower or completely reduce scope 2 carbon emissions, calculated as an offset of their energy consumption calculation.



4 Quick Questions

1. What does REC comply with?

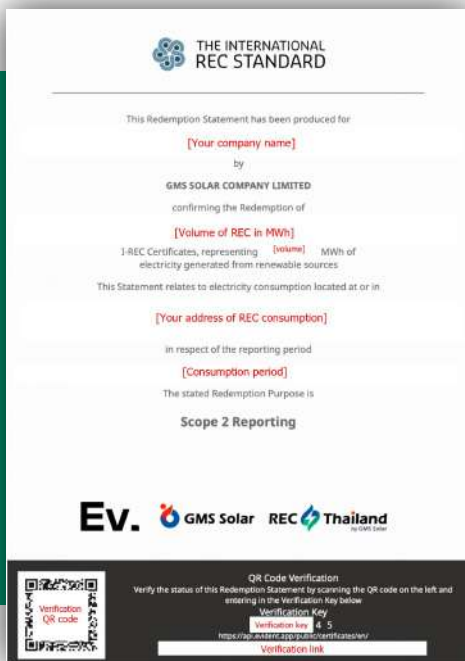
REC is an instrument that is acknowledged by Greenhouse Gas Protocol, SBT, ISO and RE100. It is internationally recognized, and REC Thailand is an authorized REC broker.



2. What benefits do I get & what claims can I make when I purchase a REC?

When you purchase a REC, you can make claims about your electricity usage and reduction in greenhouse gas emissions from electricity. This can be included in your ESG reports and sustainability reports.

Most importantly, the biggest advantage of buying a REC is that there is 0 CapEx requirements. You do not have to invest in any physical assets or undertake any form of financial risk or burden whatsoever.



Renewable Energy Certificates (RECs)

3. Why should I buy my REC from Thailand

REC Thailand provides Renewable Energy Certificates from both Thailand and Vietnam with full professional and technical service from our team.

Depending on the country that you are in, there are many advantages to buying your REC from the mentioned countries. If you are in Thailand, buying a REC locally is the most cost-effective solution and REC Thailand offers full local support.

If you are in another country, such as Singapore, one of the most difficult challenges in procuring renewable energy is high demand & limited supply. Thankfully, the Singapore Standard allows the use of Renewable Energy Certificates from Southeast Asia, which makes our RECs a very feasible and cost-effective option.

RECs offered by REC Thailand are official, authorized and competitively priced, with full compliance and a clear onboarding process for all our partners.



4. Can I choose which forms of renewable energy I purchase with my REC?

At REC Thailand, we offer a variety of different RECs which includes Solar, Hydropower, Wind and Biomass. Our team would be more than glad to guide you through the pros of each.

Products

Location	Solar	Wind	Hydropower	Biomass / Waste to Energy
Thailand	2022		2022	2022
	2023	2023	2023	2023
	2024		2024	2024
Vietnam	2022			
	2023			
	2024			

The Next Step

If after having read this pamphlet, you are interested to learn more, do get in touch with us through the following methods. Our team would be glad to get back to you to the onboarding process of purchasing your Renewable Energy Certificate.



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E-mail: karnsiree@recthailand.com



Telephone: +66-63-193-9824



Address: 28th Floor, No. 123 Sun Towers Building B, Vibhavadi-Rangsit Road, Chompol, Chatuchak, Bangkok 10900

To find directions to our company's location on Google Maps, [Please click here](#)

Thank You from the Team at REC Thailand



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Mr. Somkiat is a highly accomplished executive with over 30 years of experience in the Thai energy market. With proven track record of leading and driving sustainable initiatives, his wealth of experience brings invaluable insights to the REC industry.



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Business Development Director

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Ms. Karnsiree, a dedicated executive in sustainable solutions, has been instrumental in assisting numerous B2B companies achieve their renewable energy goals. Through her valuable experience in the London renewable energy industry, she is committed to aiding companies in Thailand and Singapore transition to green energy.