

TOTALENERGIES

More Energy, Less Emissions

TotalEnergies is a global integrated energy company that produces and markets energies: oil and biofuels, new low-carbon energies, renewables, and electricity. Its 100,000 employees are committed to provide energy that is more reliable, affordable and sustainable to as many people as possible. Present in over 120 countries, and active in Singapore since 1982, TotalEnergies places sustainability at the heart of its strategy, its projects and its operations.

Rising to the dual challenge of meeting the energy needs of an ever-growing world population while reducing global warming, TotalEnergies has continuously stayed the course of its integrated and balanced multi-energy transition strategy – hydrocarbons, especially LNG and Integrated Power – re-asserting its ambition of achieving carbon neutrality by 2050, together with society.

As part of its transition strategy to achieve its 2050 Net Zero Ambition, together with society, the company affirms its purpose: to provide as many people as possible with energy that is more reliable, more affordable and more sustainable, and has placed Sustainability at the heart of its strategy, its projects and its operations. Its commitment is based on the values defined in the company's Code of Conduct and its approach to sustainability is structured around 4 axes:

- Climate and sustainable energy,
- Caring for the environment,
- Acting for the well-being of employees
- Having a positive impact for stakeholders

LOW-CARBON INVESTMENTS

TotalEnergies continues to adopt a disciplined investment approach. In 2023, the Company invested \$16.8 billion of which 35% in low-carbon energies, mainly in power. These massive investments have made it possible to increase its capacities in renewable electricity production (by +6 GW in 2023), storage, flexible production, and distribution (60,000 charging points for electromobility at the end of 2023 including more than 1,000 high-power charging points).

STRENGTHENING PRESENCE IN RENEWABLE ENERGIES

As part of its transition strategy to achieve its 2050 Net Zero Ambition, together with society, TotalEnergies is building a world class cost-competitive portfolio combining renewables (solar, onshore and offshore wind), low carbon fuels and flexible assets (flexible gas power plants, energy storage) to deliver clean firm power to its customers. In 2023, TotalEnergies' net electricity production amounted to 33 TWh, including 19 TWh of renewable power. The Company aims to grow its power generation to more than 100 TWh by 2030. Its growth

in power, with a renewable electricity generation portfolio representing more than 80 GW (including 22 GW of gross capacity already installed), positions TotalEnergies as one of the world's leading solar and wind developers in 2023, with an ambition to be among the world's top 5 by 2030 (excluding China).

In Asia, TotalEnergies renewables activities in operation and under development encompasses solar (large scale and distributed generation), offshore wind and biogas.

COMPREHENSIVE SOLAR SOLUTIONS FOR BUSINESS

Spotlight on Distributed Generation (DG) Solar Asia Pacific.

Dedicated to distributed solar energy for B2B customers and active since 2018 in Asia, TotalEnergies Renewables Distributed Generation (DG) is a major provider of integrated distributed solar energy solutions for the commercial and industrial sector in 11 countries in the Asia-Pacific (APAC) region, producing approximately 500 GWh of clean electricity annually. Its joint venture with ENEOS Corporate in 2022 aims to jointly develop 2GW of decentralised solar capacity in the region in the next five years.

Supporting customers in their decarbonisation journey.

TotalEnergies Renewables DG's fully integrated no-CAPEX solutions are designed to help customers reduce their energy bill and lower their carbon footprint. Its business model is designed to offer specialised, competitive solutions to B2B customers through long-term Power Purchase Agreement (PPA). To meet their needs, TotalEnergies Renewables DG provides a range of tailor-made photovoltaic (PV) solar systems that can be



installed on rooftops, car-port structures, water spaces or vacant land.

PPAs provide a viable financial model that allow customers to adopt solar energy without upfront capital expenditures, making it easier for businesses to transition to renewable energy. Through these corporate PPAs, long-term energy solutions that provide cost savings and price stability are available, making decarbonisation efforts more attractive and more feasible for businesses to adopt.

Managing the entire process for customers —development, financing, construction, and operation of solar PV systems installed on its customers' sites, PV Solar Systems are targeted to be fully operational within 6-12 months depending on the site. Customers pay only for the power generated, resulting in immediate energy bill savings supporting their sustainability efforts.

Beyond the business model, a key differentiator in today's competitive market is the rigorous standard of safety requirements. TotalEnergies ENEOS, a joint venture between two global energy majors, stands out due to its long-running expertise and high-level industry standards. Prioritising Health, Safety, and Environment (HSE) not only safeguards the workforce and the communities served but also reinforces its value as a responsible and reliable partner in the renewable energy sector.

TAILORED SOLUTION TO MEET INDUSTRIES' NEEDS AND REQUIREMENTS

Diversifying its business portfolio, TotalEnergies Renewables DG extends standard rooftop solar solutions to include BESS (Battery Energy Storage System), floating technology, agri PV projects and offsite solutions. The most recent projects that highlights the innovative solutions offered to customer in the APAC region include:



Hybrid Solar and Energy Storage System

Kulara Water project in Cambodia featuring a 800 kilowatt-peak (kWp) ground-mounted solar system connected to a 1344 kilowatt-hours (kWh) battery system. In this project, solar energy is used during the day and excess power is stored in the batteries for use during the night.

Floating Solar and Agri-PV Projects

TotalEnergies ENEOS first floating solar project S. Kijchai Enterprise in Thailand: a unique 1.8-megawatt peak (MWp) floating solar PV system project signed, delivering an innovative tailor-made solution that precisely meets the customer's demands.

TotalEnergies ENEOS first agricultural ground-mounted solar project with Hiep Phat International Agricultural Co. Ltd in Vietnam. This 2.1 megawatt-peak (MWp) ground-mounted solar PV system supports the customer's plan to grow plants below the panels, including herbs for food to grow organic chickens and develop its agricultural businesses.

WHAT THE FUTURE HOLDS

The increasing awareness and urgency around climate change has fuelled demand for renewable energy solutions. Governments and corporations are setting ambitious sustainability targets, creating a favorable environment for renewable energy investments.

TotalEnergies Renewables DG APAC portfolio continues to expand its portfolio in existing markets and new markets (Taiwan and South Korea in 2024). In July 2024, the company achieved another milestone with over 200 MWp of operating onsite solar assets in 9 countries, in partnership with more than 190 B2B commercial and industrial (C&I) sites.

Future of distributed generation is related to its expansion in size but also in diversification of its offer while further supporting our B2B customers. The company contracts PPA with its customers for 15 to 20 years, and as such, enters a long-term partnership with its B2B customers. The evolution of the company towards a multi-energy approach will allow it to expand its offers to its customers on their energy transition to decarbonation, tailoring solutions to meet each customer's specific needs, complying with local regulations and anticipating new market trends.



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