



Thailand

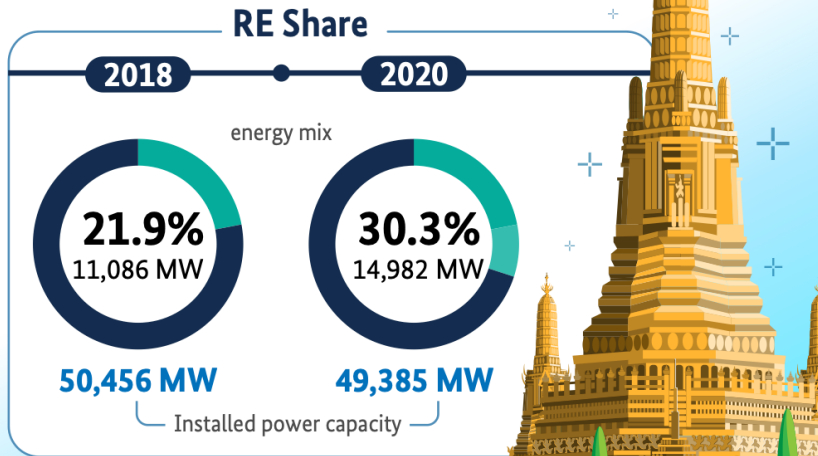
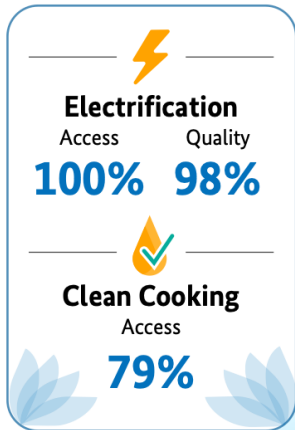
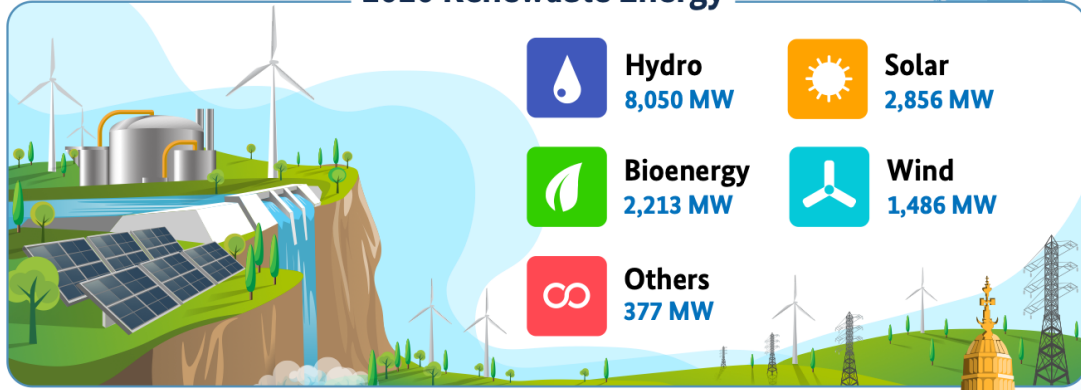


69.8 Million



501.79 Billion US\$

2020 Renewable Energy



Wat Arun

Renewable Energy

Progress

Alternative Energy Development Plan



*)TFECC = Total Final Energy Consumption

Biofuels and hydropower

The largest share of renewable energy



Expand solar opportunities through the development of floating solar PV farms

REmap 2036, increased target for solar capacity



Energy for All scheme

Launched in 2020, encourage communities to locally generate power from solar, wind, waste. Targeting 1,000 MW installed capacity by 2022



Challenge

Tariff setting and matching producer appetite for growth

Solar rooftop



Attractiveness

Biomass



Low investment return

Waste-to-energy



Complicated procedures involving cross-ministries

Opportunity

Responsive RE development

Balanced development in various renewable resources through responsive policies and measures, with a focus on ensuring community benefit



Source : ASEAN power updates 2021



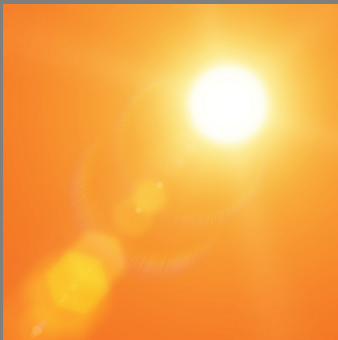
Implemented by giz



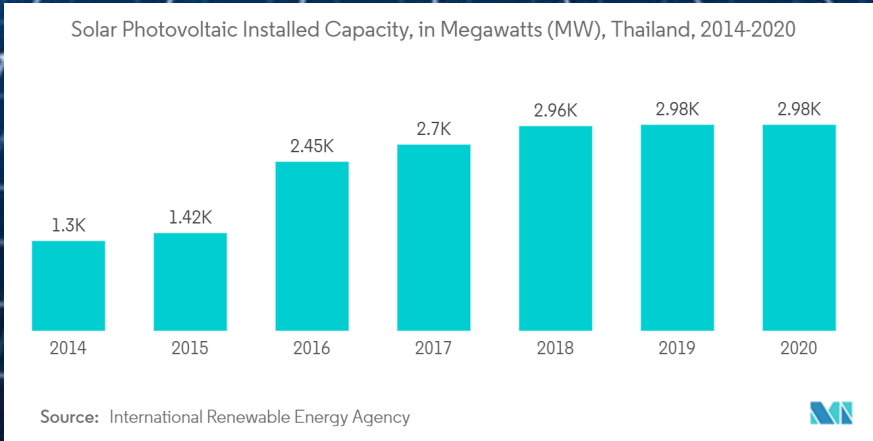
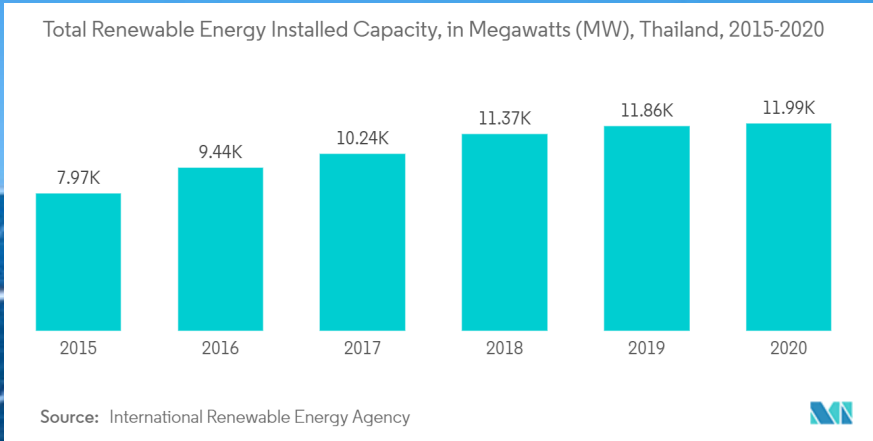
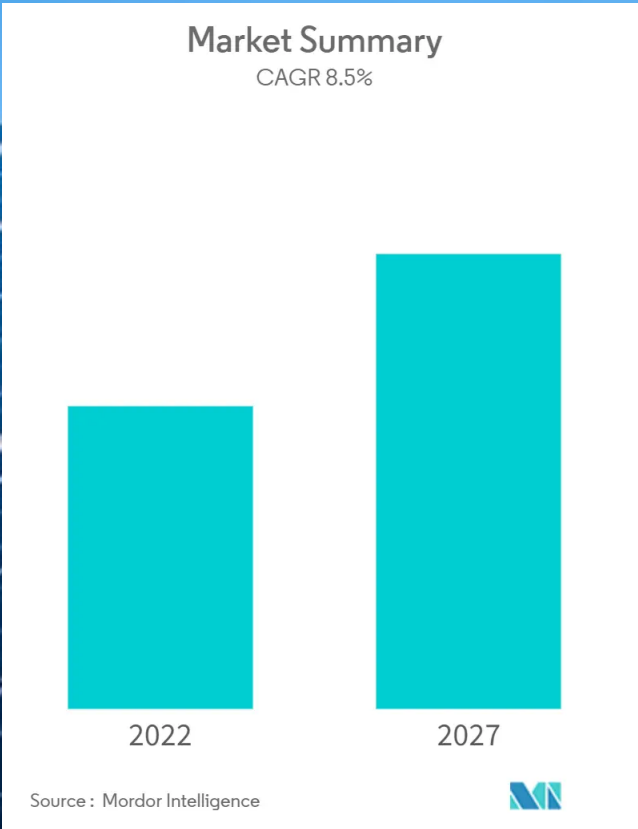
ASEAN-German Energy Programme (AGEP)

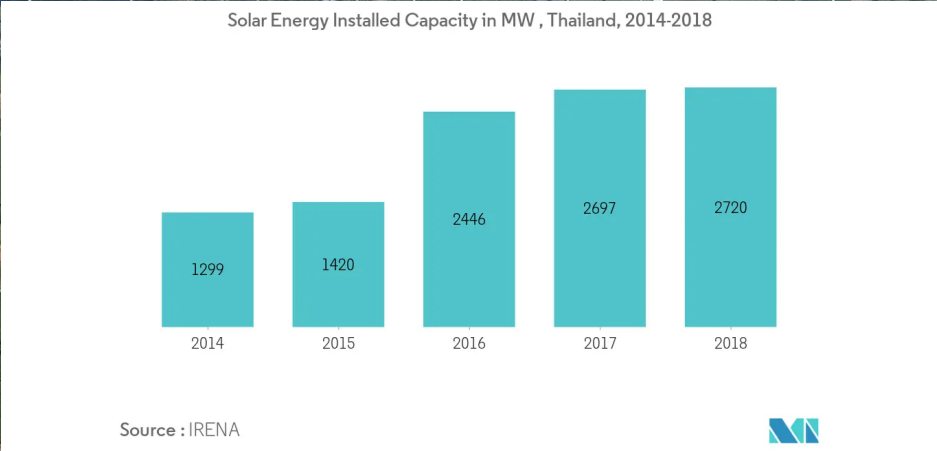
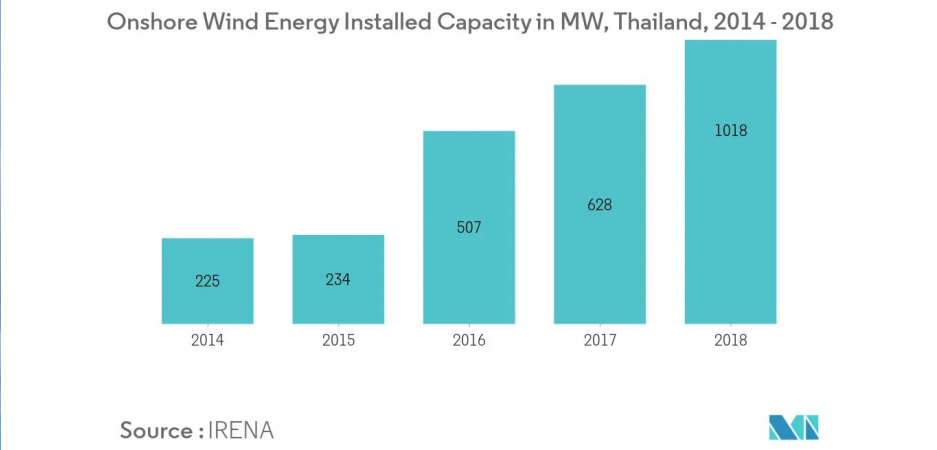
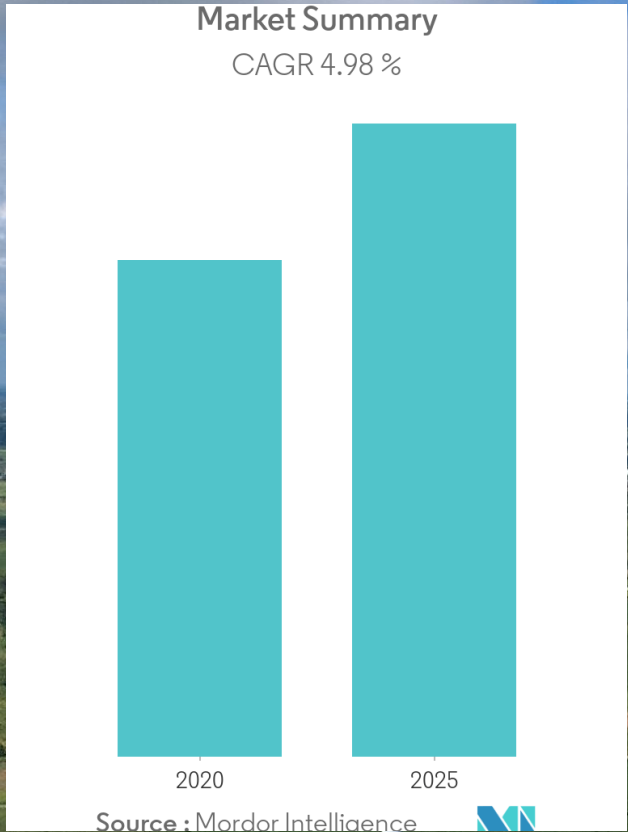


THAILAND SOLAR ENERGY MARKET - GROWTH, TRENDS, COVID-19 IMPACT, AND FORECASTS (2022 - 2027)



<https://www.mordorintelligence.com/industry-reports/thailand-solar-energy-market>



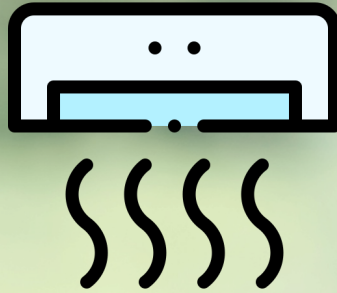
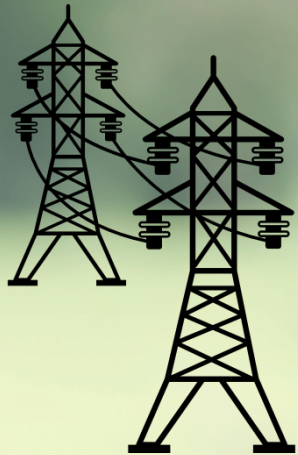


THAILAND WIND ENERGY MARKET - GROWTH, TRENDS, COVID-19 IMPACT, AND FORECASTS (2022 - 2027)

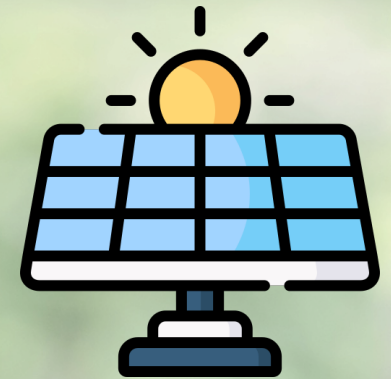


<https://www.mordorintelligence.com/industry-reports/thailand-wind-energy-market>

**3,500-4,500 Baht
per month**



**1,400-1,900 Baht
per month**



Aside from the reduction in the bill, the cost for the government's purchase of surplus energy has increased from 1.68 Baht per kWh to 2.2 Baht per kWh. The public has been more engaged in installing solar roofs as a result.