

The Electricity Sales Report of PEA in May 2023



In May 2023, PEA had a total of 13,764.08 million units of electricity sales, which increased at 6.86% YoY. Because tourism grew up relating to the high level of consumer's confident, the recovery of labor market and a decrease of inflation rate. Furthermore, the mega projects of government had going on process and the weather was muggy.

However, the export is in downturn from uncertainty of global economic and financial, trade barrier and liquidity to invest of private and household sectors pressured by high interest rate.

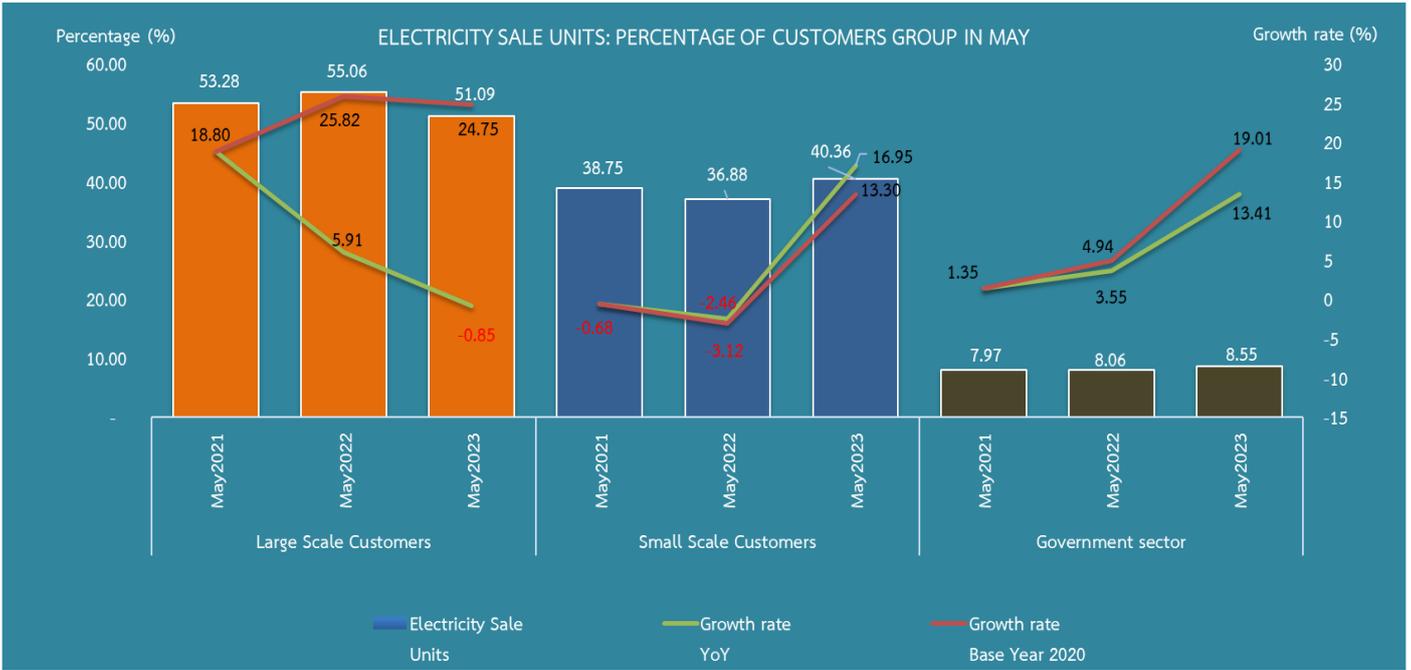


The residential sector grew at 18.49% YoY, especially in residential (more than 150 kWh) rose at 19.26% YoY and residential (less than or equal to 150 kWh) increased at 15.76% YoY from high temperature and hot weather.

Large general service fell at 3.81% YoY following a recession. Whereas, small and medium general service grew at 12.09% and 10.11% YoY, respectively because of expenditure in the household and private sector.

Specific business service rose at 33.90% YoY following a growth of the number of arrivals from Asia such as China, South Korea, Malaysia and India.

To compare the growth rate with base year 2020, it has found that the electricity sales increased by 19.39%.



Large Scale Customers ¹	Small Scale Customers	Government Sector
<p>Large Scale Customers reduced at 0.85% YoY.</p> <p>Industrial sector went down at 5.25% YoY as a result of export to China, Hong Kong and South Korea which have a drop of demand.</p> <p>Large scale commercial customers rose at 17.27% following arrival and occupancy rate from Thais and foreigners which supported related businesses like services, restaurants, hotels and department stores.</p>	<p>Small Scale Customers jumped at 16.95% YoY.</p> <p>Electricity consumption of residential sectors rose at 18.49% YoY. There was high electrical consumption for cooling because the weather is higher than previous year at 2.2 degree Celsius and some areas like Sukhothai had the highest temperature at 44.5 degree Celsius.</p> <p>Small scale commercial customer went up at 12.20% YoY due to household's consumption for meat, vegetable and fruits including in retail and wholesale.</p>	<p>Government sector accrued at 13.41% YoY owing to the electricity consumption for cooling of schools, universities, religious organization and provincial administrative organization from hot weather.</p>

Note : ¹PEA changed the criteria for grouping customers according to the organizational context following SE-AM governmental and others to governmental since May 2021.
 Export Data by Trade Policy and Strategy Office, Ministry of Commerce.

Growth (Up/Down) of electricity sale units compare with previous years



Manufacturing sector dipped at 6.21% YoY. There were 5 segments in manufacturing sector.

Food grew at 3.05% YoY because electricity consumption in ice increased at 21.34% YoY from hot weather. Besides, rice mill rose at 2.68% thanks to orders from Indonesia and South Africa.

Electronics increased at 1.77% YoY resulting from export electric circuit board to Singapore, Taiwan and China.

Steel and basic metals shrank at 24.28% YoY owing to a drop of demand for steel, iron and aluminum in global market.

Automotive heightened at 1.96% YoY because there was a high demand for cars in Australia, Philippines and Saudi Arabia. Besides, the demand for pickups, buses and trucks was in Australia. In terms of, demand for motorcycles was in Belgium and Japan. In addition, domestic car sales were going up at 29.4% YoY.

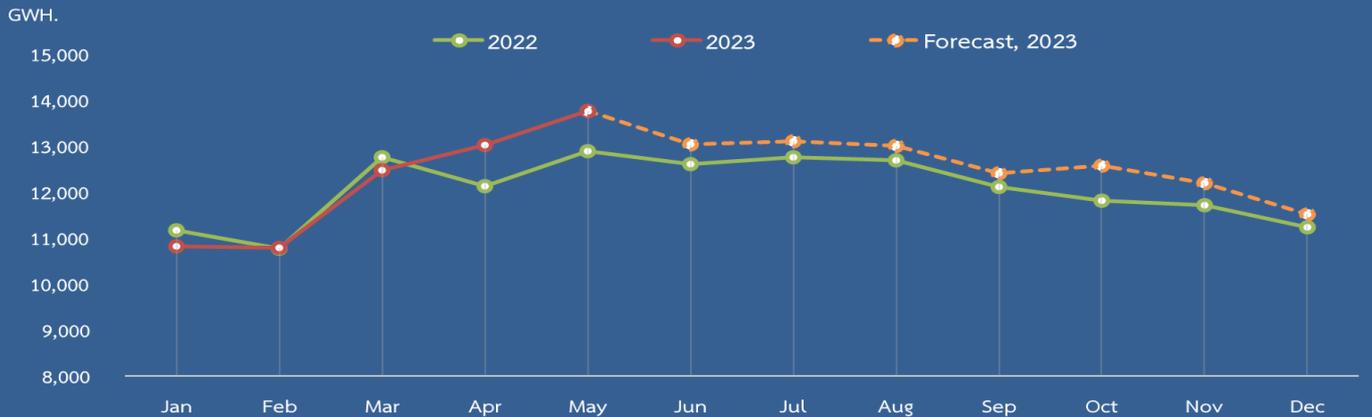
Plastic receded at 2.35% YoY by reason of the fall in export of plastic products in every market.

Sale & Hotel sector grew at 18.56% YoY as a result of hotel's electricity consumption, rocketed at 32.14% YoY because travelers and foreigners supported related businesses such as services, restaurants, entertainment venue and department stores.

Social Services sector pumped up 18.77% YoY, due to a rise in electricity consumption by education institutions, religious organizations and provincial administrative organization.

Agriculture sector escalated at 17.11% YoY following electricity usage of livestock agricultural pumping, fishery on shore and off-shore, integrated agriculture and vegetable gardens.

ELECTRICITY SALE UNITS A YEAR IN 2022 AND 2023 FORECAST



Electricity Sale Forecast

PEA forecasts the electricity sale situation in 2023 to improve at 2.84 YoY since tourist arrived at 30 million people and make an income at 1.27 trillion baht which impeded and drive economic expansion to make an employment and income for household and private sectors. In addition, inflation rate is still going down.

Positive factors

1. A growth in tourism from china ,which released a measure to departure, and Japan from announcing that Covid-19 is a seasonal influenza in May 2023.
2. Inflation rate is in downturn from oil and food price that supported power of purchasing and consumer's confidence.
3. Private investment was an upward trend for living construction, real estate for commercial and renovating retail areas and hotels.
4. There was a moving of production base to Thailand to invest in Electric Vehicle (EV), clean energy and Cloud Service because Thailand have digital infrastructure and Net Zero policy.
5. There were launching mega projects such as;
 - The hi-speed train projects; Bangkok to Nong Khai, Bangkok to Nakhon Si Thammarat, The double track train phase 1 to Northern and eastern, The third runway of Suvarnabhumi airport.
 - Map Ta Phut Pier phase 3
 - Investment in new projects such as tollway to U-Tapao airport (4.4 billion baht) and tollway (Chatuchot – Lam Luk Ka rd.) (24 billion baht).

Negative factors

1. World economy continually fluctuates resulting from strict lending which affected to household's consumption and private investment.
2. The export to China has going down under estimated following global economic.
3. The inward-looking policy was launched in many countries which had an effect on Thai export.
4. The trend to be environment friendly to reduce Greenhouse Gas emission to fix Global warming problem cause an adjustment of business sectors like the huge factory such as oil refinery set up Continuous Emission Monitoring Systems (CEMS) since 10 June 2023 to control the Greenhouse Gas emission.
5. Thai's Interest rate hike up at 2.5% in the third quarter that has put pressure on debt of household and private.