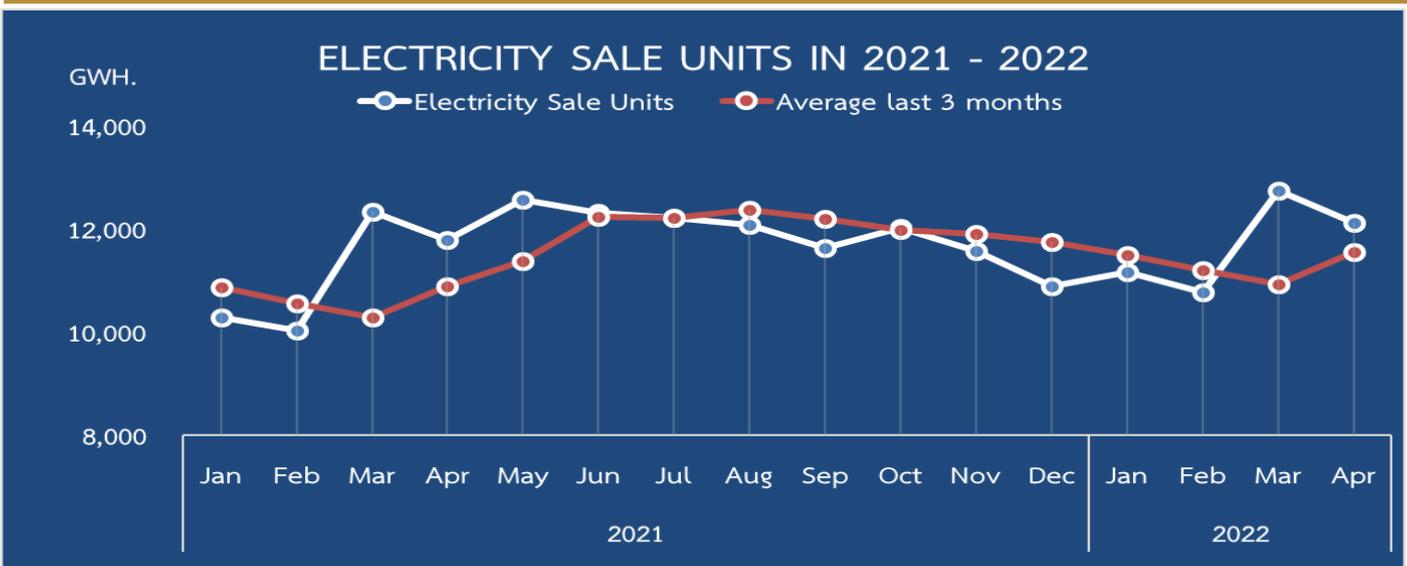
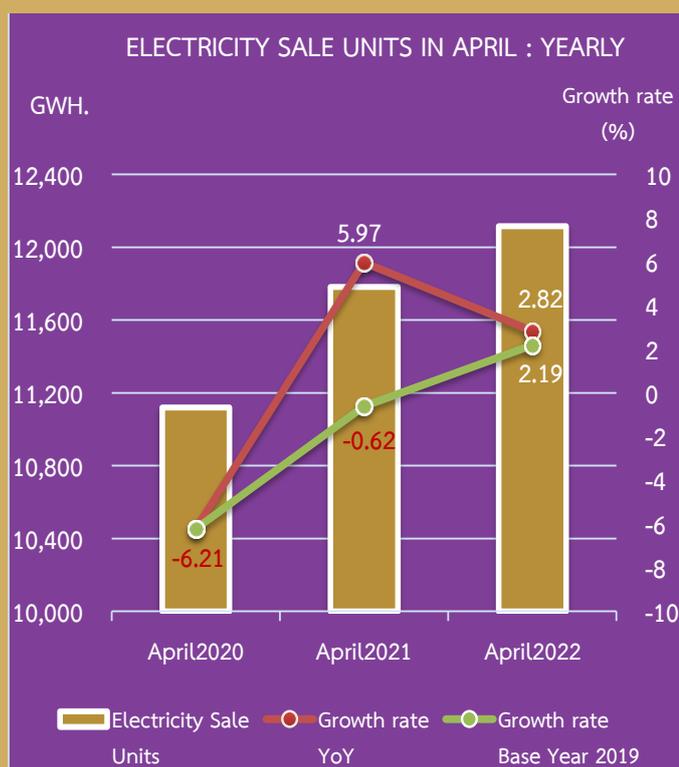


The Electricity Sales Report of PEA in April 2022



In April 2022, PEA had a total of 12,115.08 million units of electricity sales which increased at 2.82% YoY according to the increased demand in goods such as rubber products, circuit boards, and steel products. Moreover, the private consumption had continued to increase, especially in administrative expenses, from easing the anxiety of COVID-19 which resulted in a rise in domestic tourists during Songkran festival. Furthermore, foreign tourists had increased after the government relaxed international travel restrictions.

The risk factor is the increased cost of living crisis following energy and building materials prices affected from the Russia and Ukraine war and suspension of palm oil exports from Indonesia as a result, Thailand reduced the proportion of biodiesel production from B7 to B3. In addition, palm oil, wheat and soybean prices problem resulted in food industry to accelerate import and face a deficit Balance of Trade.

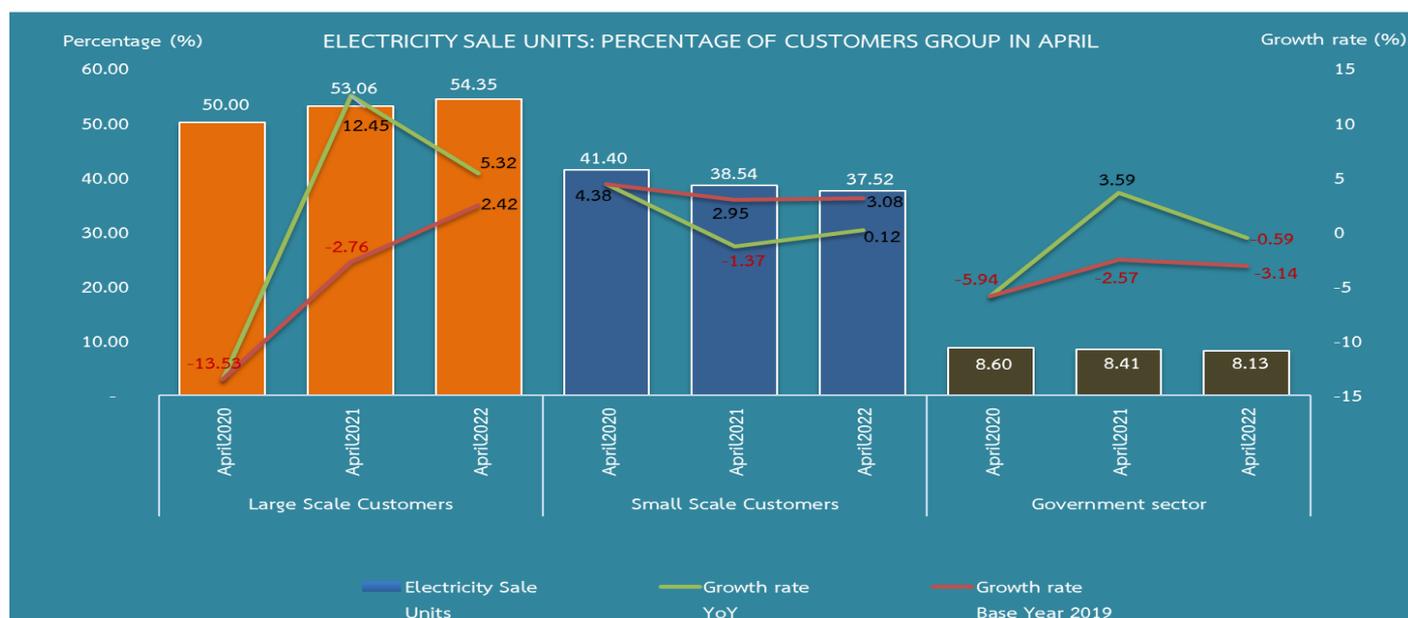


The residential sector dipped at 0.02% YoY, especially in residential (less than or equal to 150 kWh) decreased at 9.93% YoY due to the falling in average temperature and Small general service lessened at 0.78% YoY.

Large and Medium general service accreted at 3.48% and 0.70% YoY from the growth of export to key partners.

Specific business service soared at 25.36% YoY owing to easing the anxiety of COVID-19 and relaxing of international travel restrictions caused the increase in the arrival of foreigners and domestic travel.

To compare the growth rate with base year 2019, it has found that the electricity sales increased by 2.19%.

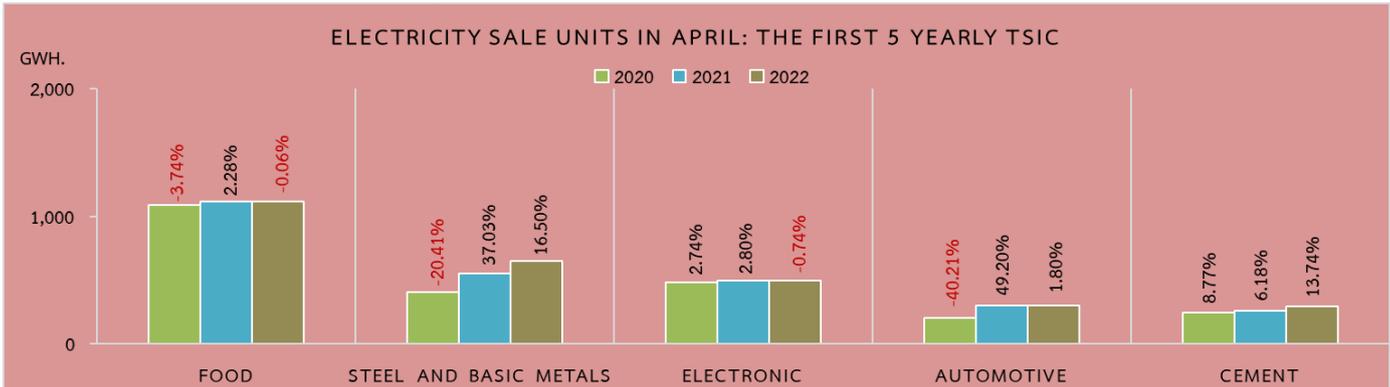
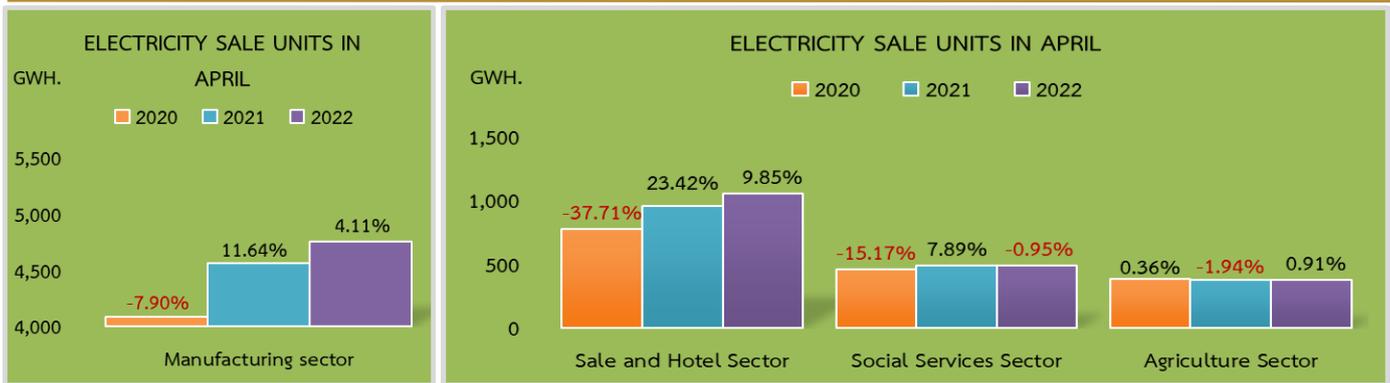


Large Scale Customers ¹	Small Scale Customers	Government Sector
<p>Large Scale Customers grew at 5.32% YoY.</p> <p>Industrial sector went up at 4.33% YoY owing to the increase in export to partners such as the United States, Singapore, China, Japan and Hongkong. In addition, the Thai baht depreciated.</p> <p>Moreover, large scale commercial customers rose at 9.49% YoY because the electricity consumption of supermarket and shopping mall grew at 2.71%. Besides, the growing consumption of hotels, resorts, guesthouses, homestays, hostels and motels was 36.94% by reason of the growth in the number of foreign tourists from relaxing of international travel restrictions and the growth in the domestic tourism during the Songkran festival.</p>	<p>Small Scale Customers accrued at 0.12% YoY.</p> <p>Electricity consumption of residential sectors declined at 0.02% YoY, especially in residential (less than or equal to 150 kWh) dropped at 9.93% YoY following the falling at 0.02 °C in average temperature.</p> <p>Small scale commercial customer increased 0.57% YoY resulting from a rise in electricity usage of grocery and minimart, which was at 0.38% YoY from Half-Half” scheme phase 4 (Valid until April 2022), increasing in the amount of the state welfare card and a discount on cooking gas. Moreover, electricity demand for telephone, internet and communication services grew at 6.01% from the behavior of consumers to use online communication.</p>	<p>Government sector dipped at 0.59% YoY owing to a fall in electricity consumption of schools and universities during the term break. Moreover, electricity consumption by provincial administration and national defense sank following cooler weather than the previous year.</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.

²Export Data by Trade Policy and Strategy Office, Ministry of Commerce.

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



Manufacturing sector enlarged at 4.11% YoY. There were 5 segments in manufacturing sector.

Food dipped at 0.06% YoY from ice production which decreased at 4.16% following the falling at 0.02 °C in average temperature. Moreover, the production of starch from cassava sank at 1.70% owing to the decrease in domestic consumption. In the overall, food sector thinly depreciated because the rice mill enhanced at 12.25% from the export to the United States and Iraq.

Steel and basic metals accrued at 16.50% YoY due to the export of steel and steel products to Philippines, Malaysia and South Korea, aside from rolled steel plates to Belgium, Vietnam and Netherlands.

Electronics declined at 0.74% YoY thanks to the export of computers and components to China, Hongkong and Netherlands and the falling in hard disk drive exports. As a result, the overall electronic sector thinly depreciated because the electricity consumption of machines and power tools enhanced.

Automotive faintly expanded at 1.80% YoY. Because there was a growth in export to Australia, Vietnam and Japan.

Cement softly increased at 13.74% YoY by reason of exports to Bangladesh and investment in domestic construction.

Sale & Hotel sector went up at 9.85% YoY as a result of hotel's electricity consumption, growing at 35.54% YOY because foreign tourists had increased after the government relaxed international travel restrictions. Moreover, domestic tourism had motivated by "We travel together" and Songkran festival.

Social Services sector fell at 0.95% YoY, because of a drop in electricity consumption of provincial administration and national defense.

Agriculture sector grew at 0.91% YoY from a rise in electricity consumption of water pumping for agriculture due to precipitation in April (Average was 10.9 mm/day less than the previous year at 11 mm/day).

ELECTRICITY SALE UNITS A YEAR IN 2021 AND 2022 FORECAST



Electricity Sale Forecast

PEA forecasts the electricity sale situation in 2022 to improve at 2.16% YoY following a continued expansion trend in exports to key partners and relaxing the anxiety of COVID-19 resulting in a rise in economic activities especially tourism sector. However, the government had continuously short-term economic stimulus and measures to curb inflation.

Positive factors

- Government Policies, such as increasing budget for cooking gas 100 baht/month for state welfare card holders and reducing FT value at 0.2338 baht starting May – August 2022 for customers who use less than or equal to 300 kWh/month.
- Tourism sector have 3 positive factors;
 - Canceled Test and Go for foreigner.
 - Thai Airways & Thai Smile Airways signed a Letter of Intent (LOI) with Tourism Authority of Thailand on 49 flights a week between India and Thailand.
 - The United States cancels travel warnings to Thailand. (Warning level 4 to level 3.)
- Opportunity for new business from increasing prices of oil and cooking gas like a brazier manufacturing business.
- Tesla registering as a company in Thailand will stimulate the domestic electric vehicle market.

Negative factors

- Export is likely to slowdown from lockdown in many cities of China to prevent COVID-19. Moreover, global demand had slowdown from Ukraine and Russia's war.
- The rising energy prices will continually affect to the price of fertilizer until there was a shortage of agricultural products. Consequently, food prices had increased, making a rise in the cost of living. Furthermore, the rising energy prices resulted in the cost of production and services that affect to consumption and export.
- The rising price of construction materials affected to the cost of construction industry.
- Microchip shortage may be lagged automotive production resulting in car sales in domestic and abroad.