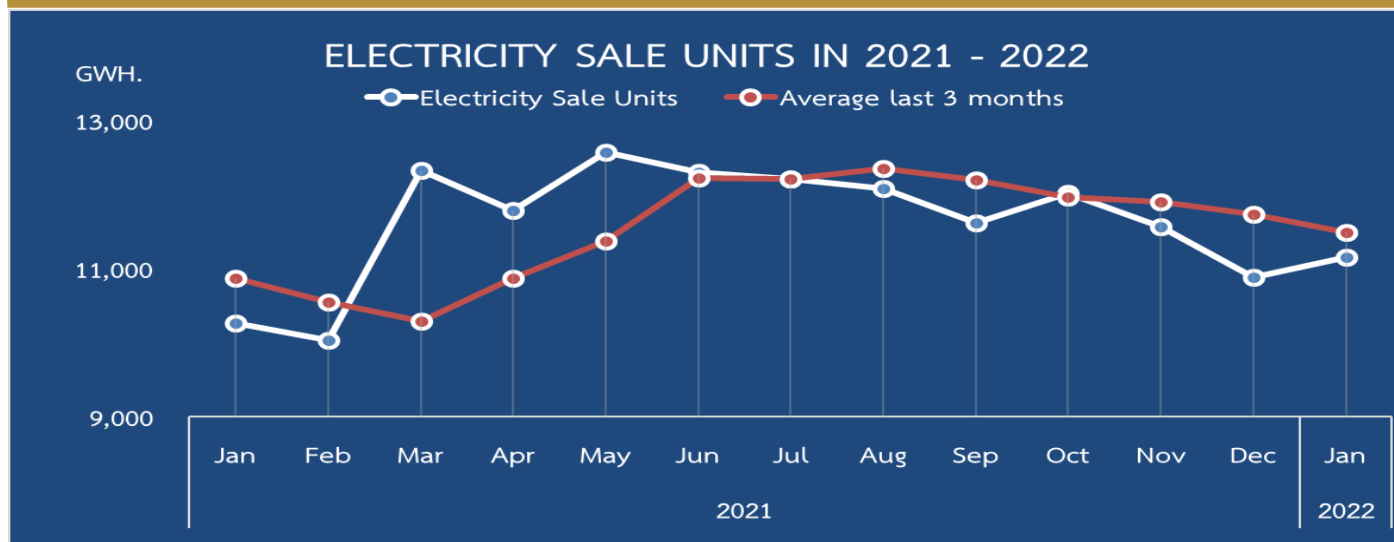


The Electricity Sales Report of PEA in January 2022



In January 2022, PEA had a total of 11,154.82 million units of electricity sales which increased at 8.57% YoY according to the increased export of goods to key partners. Moreover, consumption, investment and household spending were recovered from the expenditure stimulus by transfer payment and public investment in infrastructures like water resources and roads. In addition, the acceleration of booster vaccination to cope with Omicron resulted in overall economic growth.

On the other hand, the epidemic of the omicron may be a risk factor for household spending and business sectors, especially the tourism sector both directly and indirectly way.

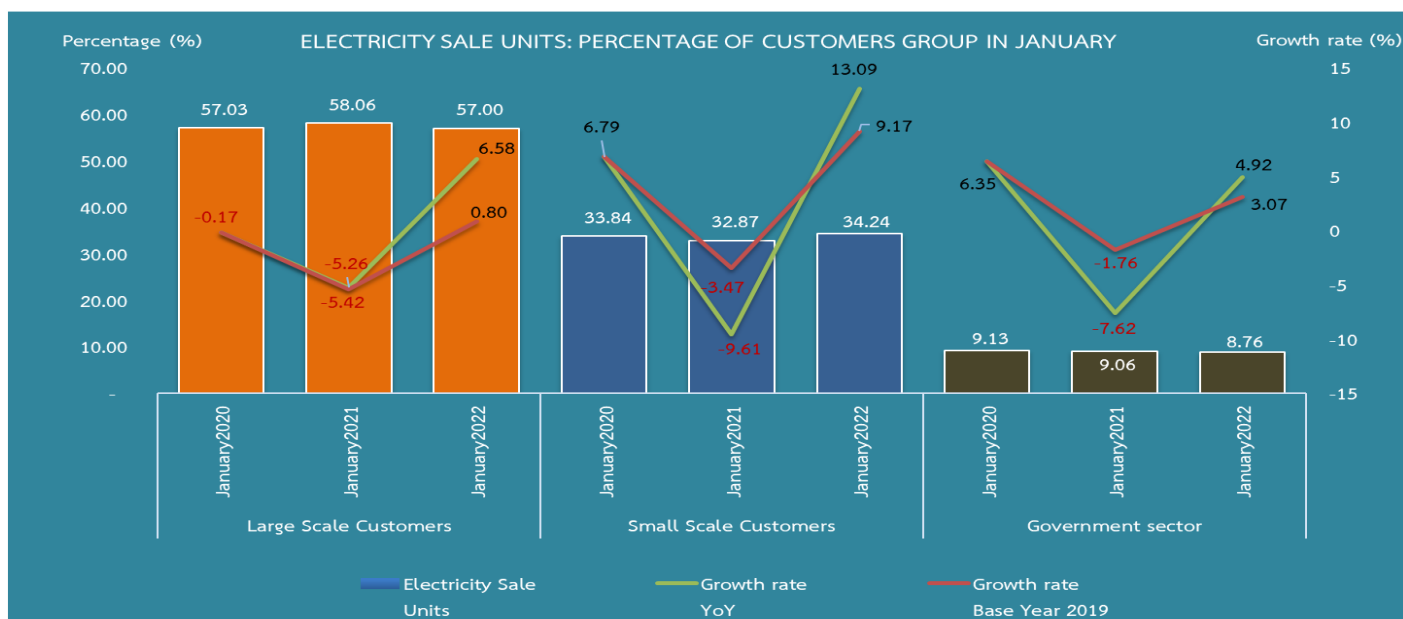


The residential sector grew at 13.62% YoY, especially in residential (>150 kWh) expanded at 18.47% YoY due to Work from Home, online learning and high temperature.

Small, Medium and Large general service accreted at 10.69% , 8.87% and 5.88% YoY, respectively, from the growth of domestic and foreign demand for goods.

Specific business service dramatically went up at 42.57% YoY owing to the increase in domestic and foreign tourists from Test & Go. (December 22nd, 2021) including domestic tourism before the end of the TourTiewThai project (January 31st, 2022.).

To compare the growth rate with base year 2019, it has found that the electricity sales increased by 3.72%.

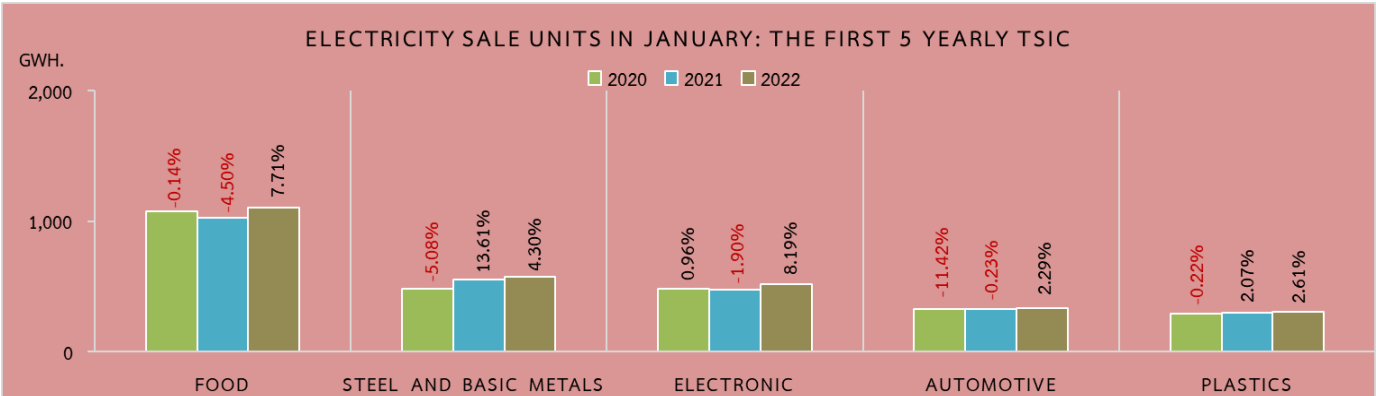
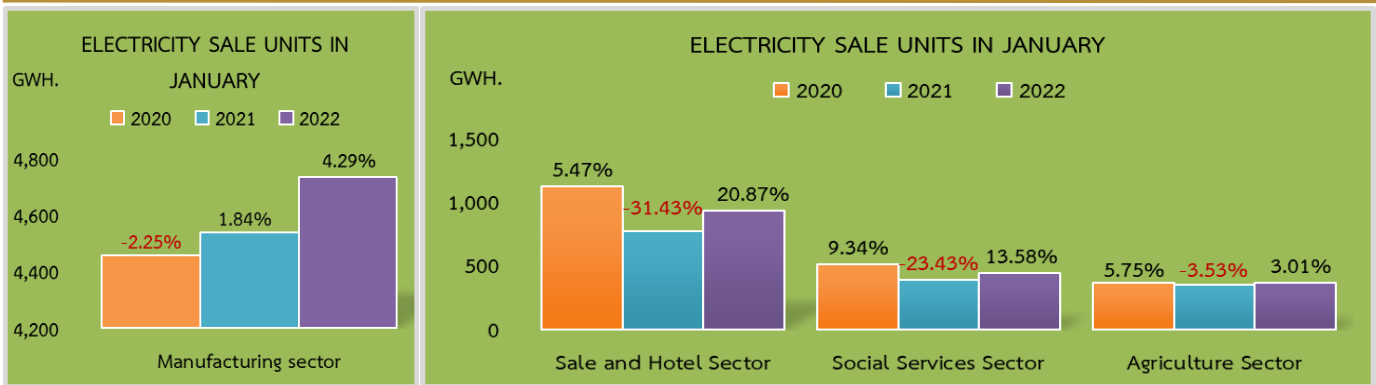


Large Scale Customers ¹	Small Scale Customers	Government Sector
<p>Large Scale Customers expanded at 6.58% YoY.</p> <p>Industrial sector went up at 4.07% YoY owing to the increase in continued export to China, the United States and Japan.</p> <p>Moreover, large scale commercial customers mostly rose at 19.16% YoY because the electricity consumption of wholesale and retail grew at 14.32% and 12.30%. Besides, the growth consumption of restaurants and hotels was 38.92% by reason of the growth of the tourism sector from “Test & Go” and “We Travel Together”.</p>	<p>Small Scale Customers grew at 13.09% YoY.</p> <p>Electricity consumption of residential sectors grew at 13.62 YoY especially in residential (>150 kWh) expanded at 18.47% YoY following high temperature, Work from Home and online learning.</p> <p>Small scale commercial customer increased 11.65 % YoY resulting from a rise in electricity usage of grocery and minimart, which at 14.79% YoY as the spending in necessary good from “Shop Dee Mee Kuen”. Moreover, electricity demand for telephone, internet and communication services grew at 8.77% from digital transformation and basic needs to living.</p>	<p>Government sector went up at 4.92% YoY owing to high temperature. Some departments returned to work at the office resulting in increased electricity consumption.</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 4.29% YoY. There were 5 segments in manufacturing sector.

Food rose at 7.71% YoY from ice production which increased at 16.74% owing to high temperature including the restaurant can be opened until 11:00 PM. Moreover, the rice mill increased at 7.54% owing to domestic demand and export to China and the United States.

Steel and basic metals accrued at 4.30% YoY due to vehicles demand from domestic and export of steel and steel products to Indonesia, South Korea and Malaysia.

Electronics soared at 8.19% YoY thanks to a growth in domestic demand resulting from the organizational change depending on technology for work and education through an online system or other programs

Automotive faintly expanded at 2.29% YoY. Because there was a growth of domestic demand for vehicles and export to Australia, Cambodia and Vietnam.

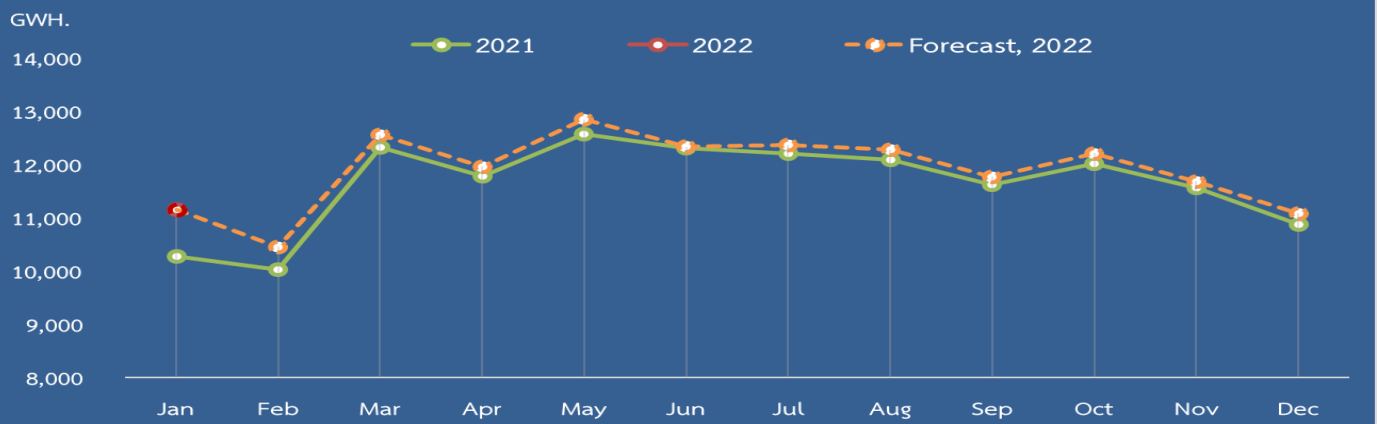
Plastics grew at 2.61% YoY by reason of a rise in export volume to Japan, the United States, Indonesia and China. Moreover, the use of plastic bags had increasing from online shopping and food delivery.

Sale & Hotel sector extremely went up at 20.87% YoY as a result of hotel's electricity consumption, growing at 57.06%, owing to domestic and foreign tourists joining Test&Go before December 22nd, 2021. Moreover, domestic tourism had motivated by "We travel together" during the new year event.

Social Services sector enhanced at 13.58% YoY, because of hospital and public administration office.

Agriculture sector grew up at 3.01% YoY from a rise in electricity consumption of livestock and horticulture following increased domestic demand.

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. Moreover, the accelerated vaccination of booster dose to cope with Omicron and short-term economic stimulus will maintain domestic confidence.

Positive factors

1. Digital Supply chain Finance Platform will equally increase capital accessibility of SMEs and Thai farmers.
2. The government's economic stimulus measures such as "Half-Half" scheme phase 4, the increasing purchasing power of State Welfare Card scheme phase 4, the increasing purchasing power of people who need special assistance scheme phase 2, "Shop Dee Mee Kuen" scheme and we travel together phase 4. (adding 2 million rooms and extending until May, 2022)
3. Regional Comprehensive Economic Partnership (RCEP) is the largest Free-trade zone which Thailand is one of the 15 co-founded countries. It is effective on January 1st, 2022.

Negative factors

1. A rise of infection rate with the Omicron variant of COVID-19 in domestic and foreign countries.
2. Increasing headline inflation such as pork prices, sugar-sweetened beverages tax, taxation of sodium and energy prices, especially oil prices.
3. Epidemic prevention like the travel restriction policy due to the Omicron variant outbreak.
4. Ukraine and Russia's war impact on Thailand's economy such as the result of sanctions to Russia causing the world economy to slow down. In addition, Ukraine and Russia are major oil and gas producers, resulting in higher energy prices.