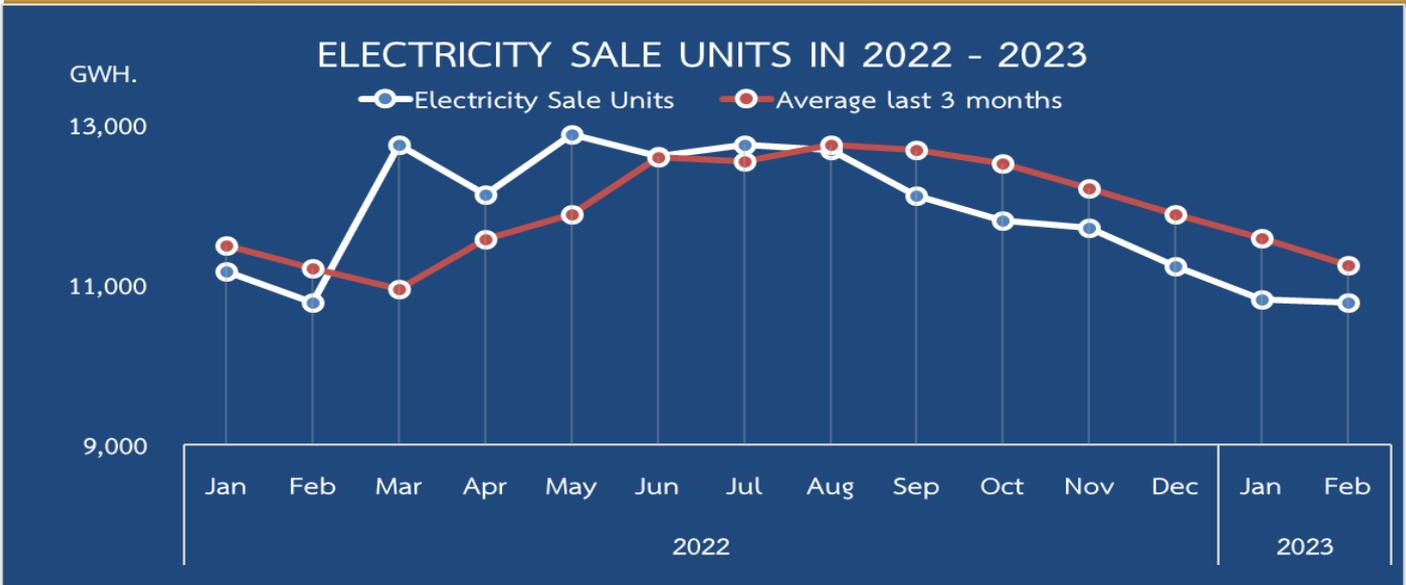
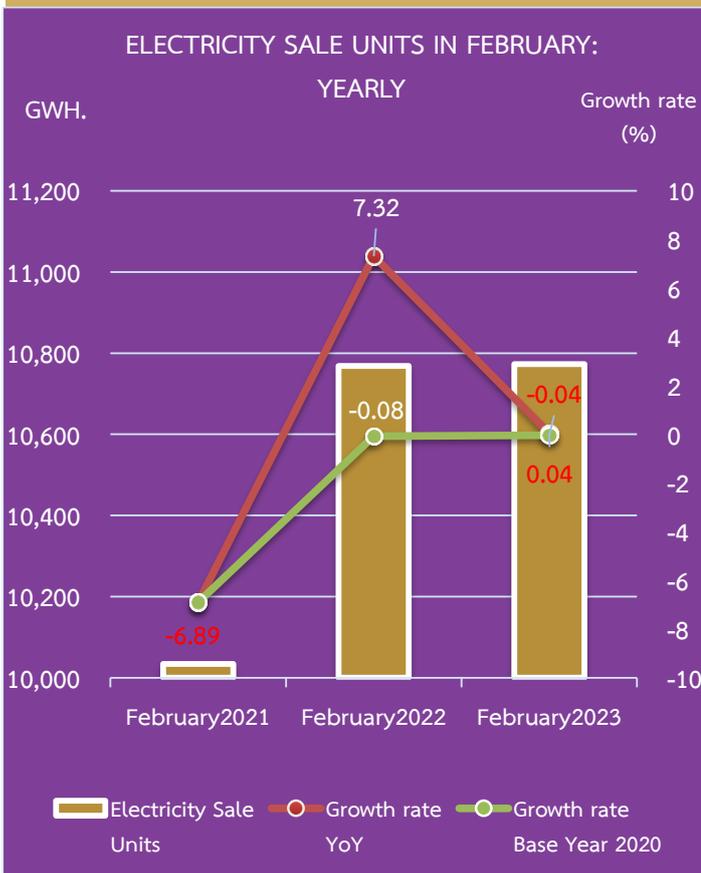


The Electricity Sales Report of PEA in February 2023



In February 2023, PEA had a total of 10,772.80 million units of electricity sales, which increased at 0.04% YoY. Because tourism grew which affected services and transportation sectors. Moreover, there was a downtrend of inflation rate causing an upward consumption of household and private sectors. Government also speeded up in mega projects such as high-speed train between Thailand and China to stimulate the domestic economy which increased electricity consumption.

Nonetheless, there were economic recession and trade barriers which affected exports. An increase of interest rate pressured the fiscal burden of households and private.

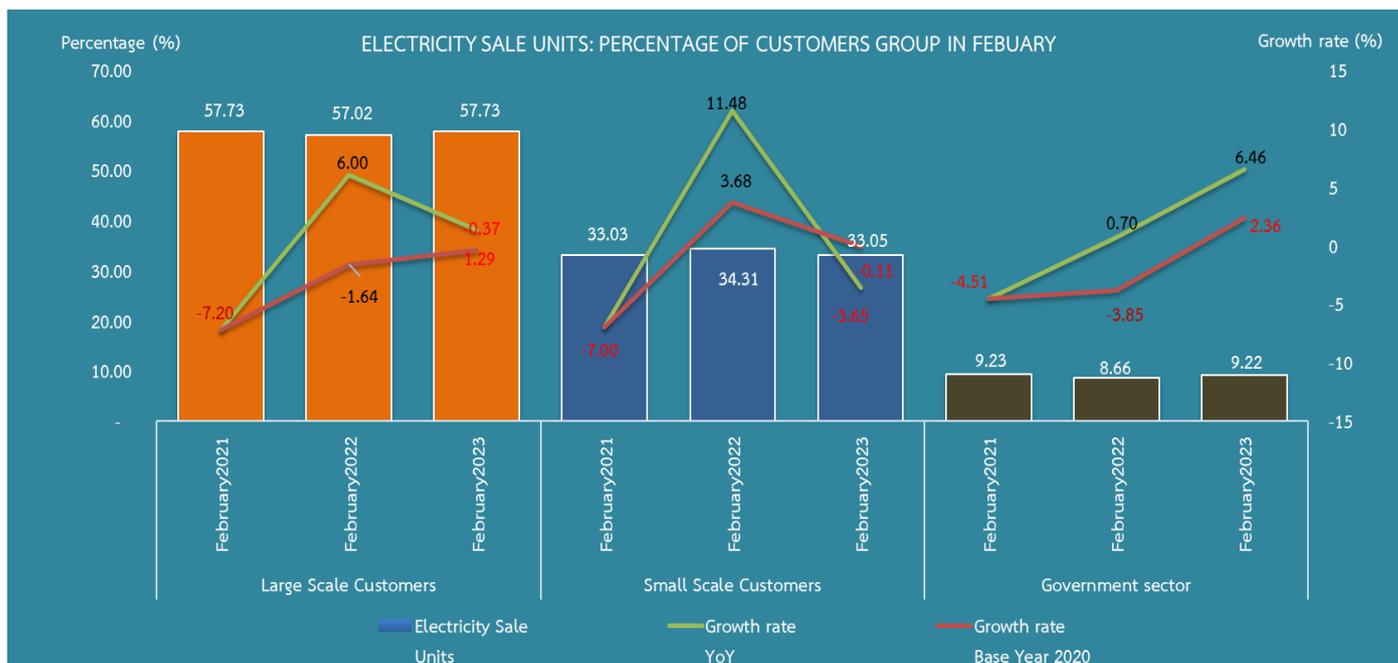


The residential sector declined at 5.36% YoY, especially in residential (more than 150 kWh) fall at 6.17% YoY and residential (less than or equal to 150 kWh) dipped at 2.28% YoY owing to a lower temperature than previous year.

Large general service fell at 1.65% YoY following a decline of export and economic recession. Whereas, medium and small general service grew at 4.21% and 1.10% YoY, respectively because of demand for consumption in the household and private sector.

Specific business service rose at 37.78% YoY following a growth of tourism from foreigners especially, from China and India.

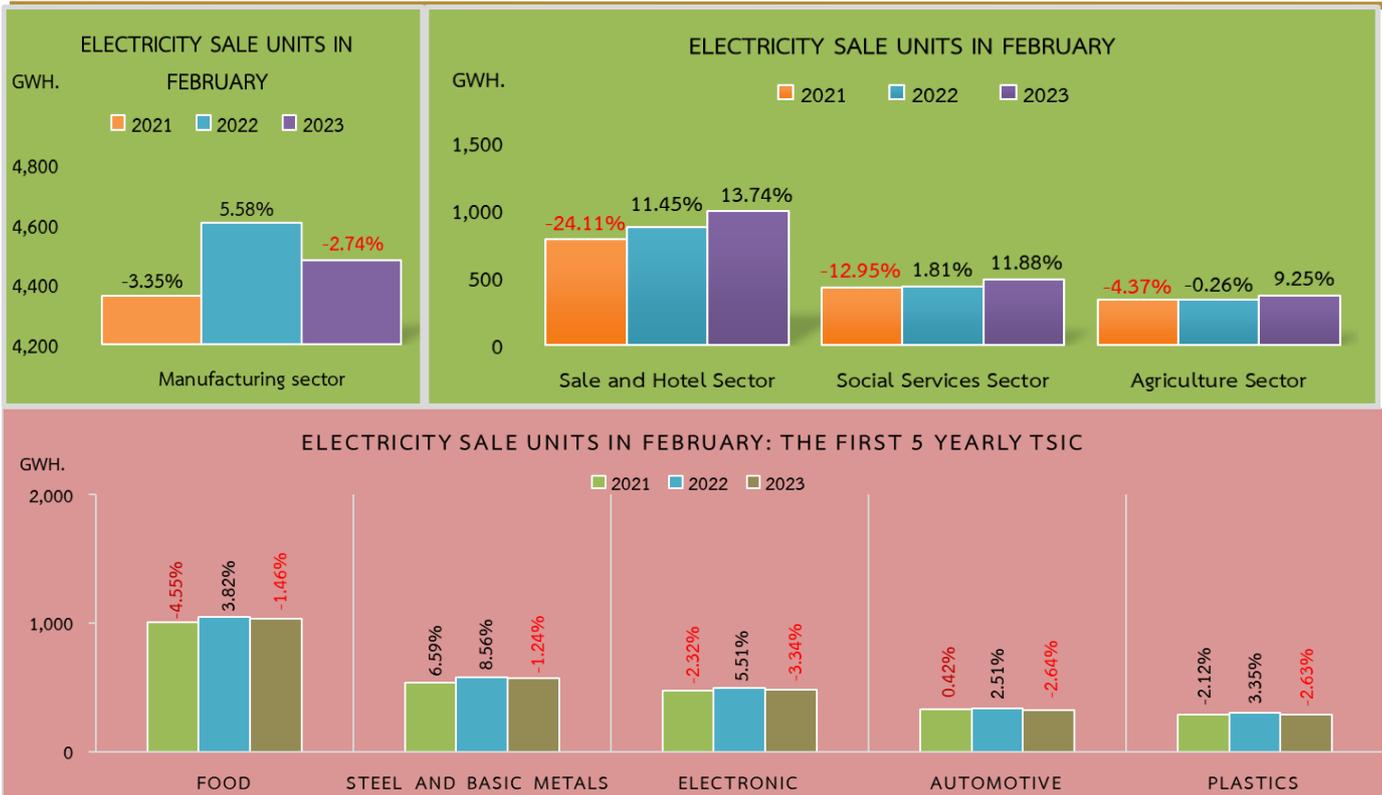
To compare the growth rate with base year 2020, it has found that the electricity sales decreased by 0.04%.



Large Scale Customers ¹	Small Scale Customers	Government Sector
<p>Large Scale Customers grew at 1.29% YoY.</p> <p>Industrial sector went down at 1.26% YoY as a result of a decrease in exported goods such as computers equipment and components, rubber, iron and steel from economic recession.</p> <p>Large scale commercial customers rose at 12.74% following tourism from foreigners and domestic travelers which caused income distribution to services sector and restaurants. Moreover, there was a spending in "shop Dee Mee Kuen" project ending on 15 February 2023.</p>	<p>Small Scale Customers dipped at 3.65% YoY.</p> <p>Electricity consumption of residential sectors declined at 5.36% YoY following cold weather causing a drop in electrical consumption for cooling.</p> <p>Small scale commercial customer went up at 1.24% YoY due to an increase in electricity consumption in retail and wholesale of necessary goods such as meat and products, vegetables and fruits.</p>	<p>Government sector accrued at 6.46% YoY owing to the electricity consumption of schools, universities, religious organization and provincial administrative organization.</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 2.74% YoY. There were 5 segments in manufacturing sector.

Food fall at 1.46% YoY because electricity consumption in ice production dipped at 3.79% YoY following cold weather. Besides, tapioca dropped at 15.69% thanks to a drop of orders from China and Taiwan.

Steel and basic metals shrank at 1.24% YoY owing to export steel to India, Malaysia, South Korea, Myanmar and Indonesia. Moreover, Japan, India, United States and Vietnam lessen the aluminum orders.

Electronics faded at 3.34% YoY resulting from a decrease of export in computers and Hard disk drive to United States, Hong Kong and China markets.

Automotive eased at 2.64% YoY because domestic car sales decreased from a full demand for pick-up cars.

Plastic receded at 2.63% YoY by reason of the fall in export to Japan and United States.

Sale & Hotel sector grew at 13.74% YoY as a result of hotel's electricity consumption, rocketed at 44.24% YoY because domestic tourism increased from Thais and foreigners which affected a growth in services sector, restaurants and entertainment places.

Social Services sector pumped up 11.88% YoY, due to a rise in electricity consumption by education institutions, religious organizations and provincial administrative organization.

Agriculture sector escalated at 9.25% YoY following electricity usage of livestock agricultural pumping, fishery 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 3.61 YoY since the tourism distributed income to household and private sectors. Moreover, public investment is being the main factor to support private investment.

Positive factors

1. A growth in Thais and foreigners' tourism made an income for related business and recovered employment. Furthermore, "We Travel Together phase 5" project stimulated tourism in March to April.
2. China, a main market of Thai exports, has recovered demand for goods and unlocked departure measures which caused Chinese travelers to come to Thailand.
3. Inflation rate has still declined following oil and food prices which made a lower cost of living.
4. Private investment is going up following the confidence of the private sector.
5. In 2023, temperature is forecasted to be higher than previous year by the start of summer in March. This causes a rise in electrical consumption.
6. A rocket in demand for EV cars support and push in automotive industry.

Negative factors

1. World economy continually fluctuates. There is a restrictive monetary policy. Decoupling between the United States and China might affect Thai export. Geopolitics between Russia and Ukraine still happen.
2. Trade barrier is getting severe causing related industries to adjust and find new customers reducing risk.
3. Interest rate is in an upward trend that has put pressure on loan and debt of household and private sectors.
4. After dissolving the parliament, the money aid will decrease.
5. The risk in the steel industry for dumping from 6 countries; China, Vietnam, Turkey, Brazil, Iran and Malaysia.