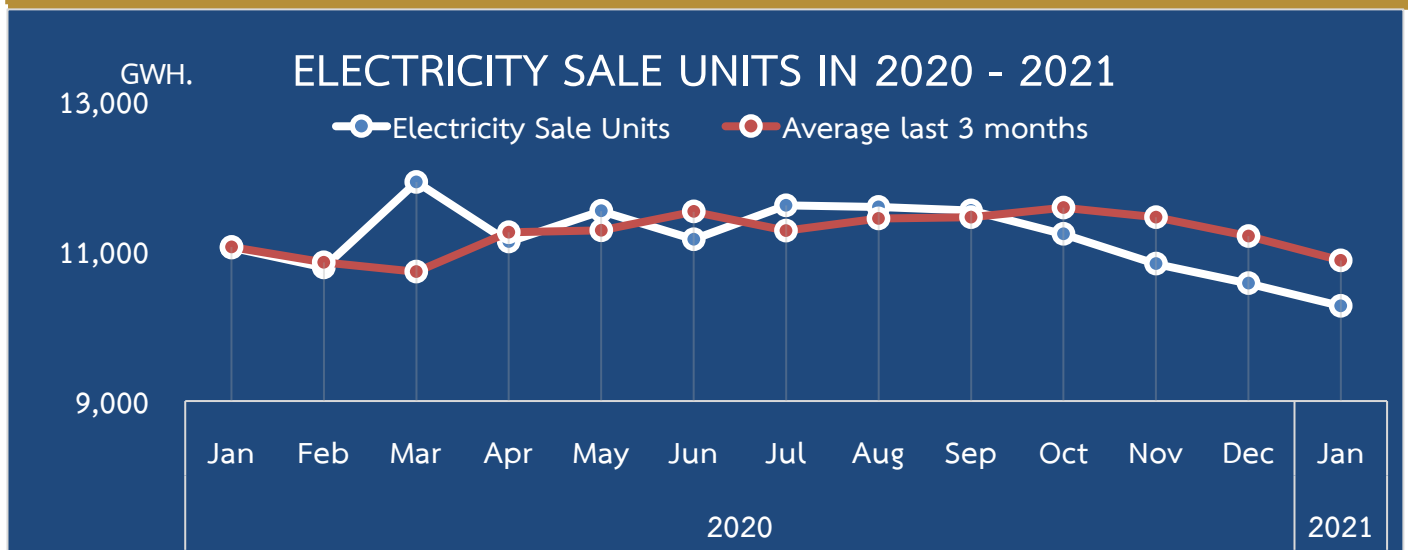


The Electricity Sales Report of PEA in January 2021



The electricity sale units of PEA in January 2021 which decreased from the previous year. Due to the fact that temperature was lower than the previous year by 2.3 degrees Celsius, Electricity consumption of residential had plummeted. Considering with the large commercial and small commercial sectors, they were still affected by economic stagnation and no foreign travelers because of COVID-19 pandemic. Hotel's electricity consumption plummeted. On the other hand, the electricity of consumption in the industrial sector expanded because of an increase in export volume.

Global economy was likely to recover from vaccination and strictly anti-epidemic measures resulted in a significant decrease in the number of infections. Besides, both domestic and international government's stimulus measures could support economic recovery.



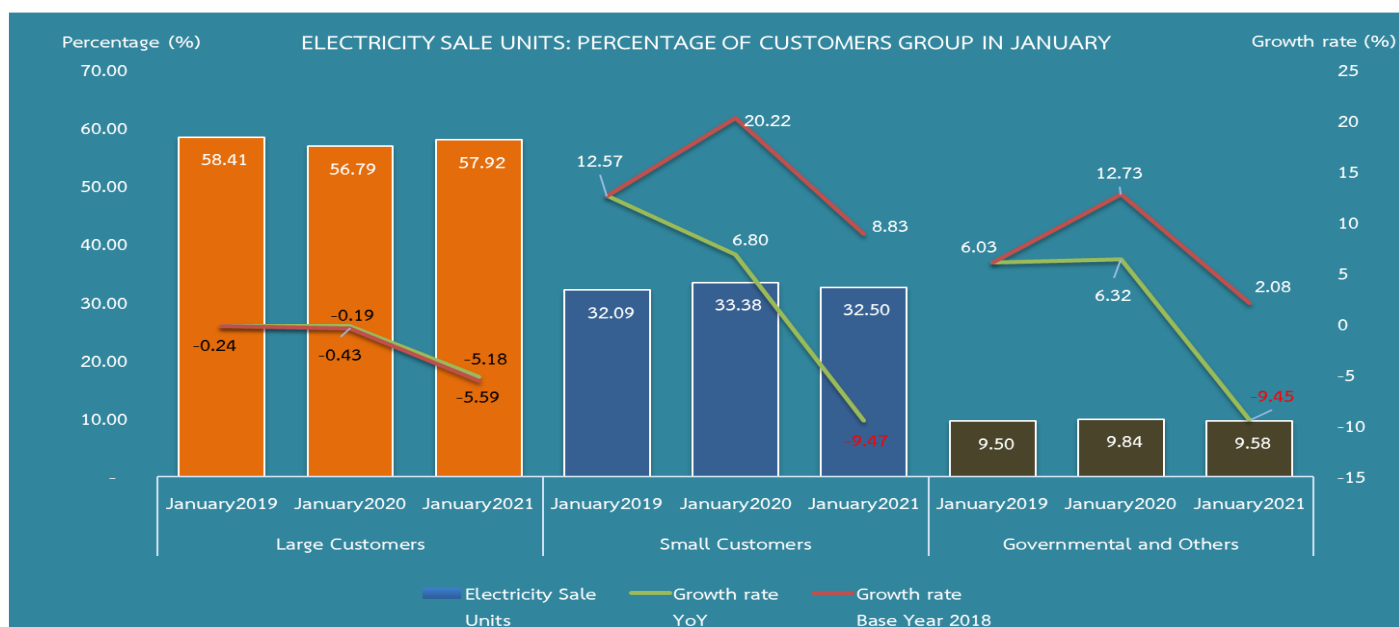
In January 2021, PEA had total electricity sales 10,264.66 million units. It decreased at 7.03% YoY.

The residential sector plummeted at 8.81% YoY owing to lower temperatures than usual.

Small, Medium and Large business sectors dropped at 11.42%, 10.51% and 1.71% YoY following domestic economy that had not recovered.

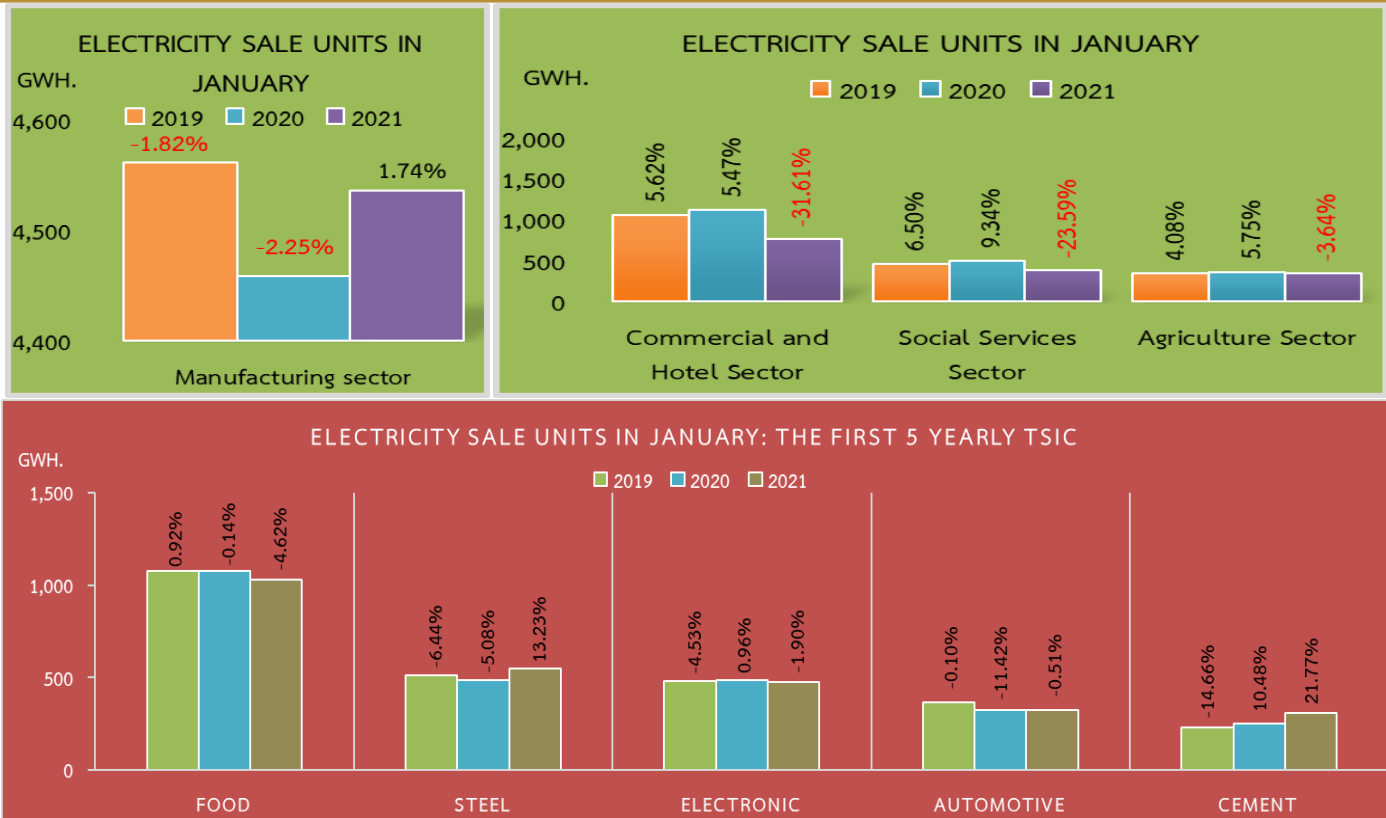
Specific business extremely decreased at 55.99% YoY, reflecting from the fewest number of foreigners and a decrease of domestic tourism due to economic slowdown.

To compare the growth rate between 2021 with base year 2018, it has found that the electricity sales slightly shrank by 0.59% YoY.



Large Customers	Small Customers	Governmental and Others
<p>Large Customers fell at 5.18% YoY.</p> <p>Industrial sector rose at 1.26% YoY from an increase in export goods such as automobiles, computers, rubber, plastic resins, chemicals and circuit boards.</p> <p>While, large commercial sector plummeted at 28.36% YoY as domestic tourism was affected by the outbreak of COVID-19 in Samut Sakhon. This outbreak has resulted in a continuous spread in many areas causing a significant decrease in the number of tourists.</p>	<p>Small Customers plummeted at 9.47% YoY due to a drop in residential sectors at 8.81% YoY, especially small residence consuming electricity less than 150 units shrank at 8.37% YoY.</p> <p>Moreover, large residence consuming electricity more than 150 units plummeted at 8.94% YoY. The causes were a lower temperature than usual.</p> <p>Small commercial sector plunged 11.34% YoY thanks to strictly anti-epidemic COVID-19 measures, resulted in a decrease in electricity consumption by small retailers.</p>	<p>Governmental and Others fell at 9.45% YoY, owing to a drop in electricity consumption of governmental and state-owned enterprise sector at 15.45% YoY from work from home, online learning and a lower temperature.</p> <p>Moreover, the others slightly expanded 1.14% YoY because free electricity increase from a strictly anti-epidemic COVID-19 measure. Also, there was a growth in electricity usage for road lighting.</p>

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



Manufacturing sector increased at 1.74% YoY. There were 5 segments in manufacturing sector.

Food Segment sank at 4.62% YoY. from electricity consumption of ice factory following cold weather resulted in a decrease in ice consumption, while electricity of tapioca starch production expanded by foreign demand.

Steel Segment greatly expanded at 13.23% YoY owing to foreign demand such as India, Vietnam, Australia, Taiwan, South Korea, Cambodia, and China. This was in line with rising price at the beginning of the year.

Electronics segment ebbed at 1.90% YoY, resulting from a fall in domestic demand for washing machines, air-conditions, refrigerators and fans in winter. Whereas, there was an increase in export and production for stock to support demand in summer. Therefore, the overall slightly declined.

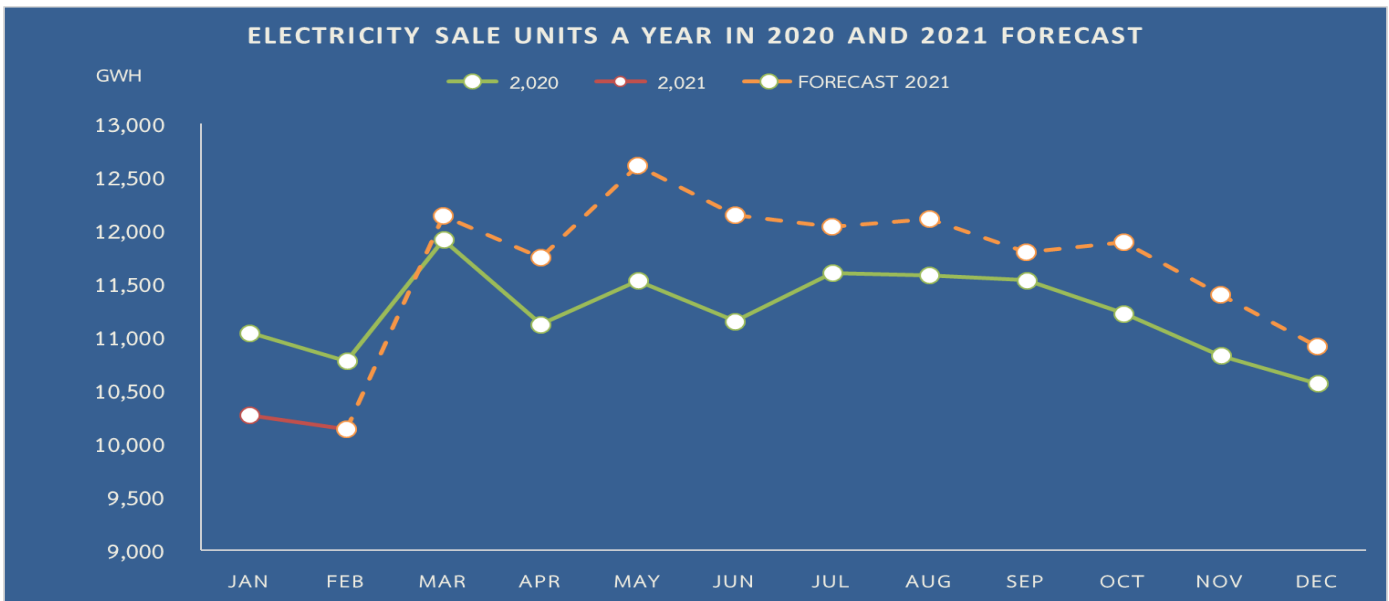
Automotive Industry dropped at 0.51% YoY following an easing in domestic vehicle's sales while there was an increase in export of vehicles.

Cement Segment soared at 21.77% YoY following a rise in domestic demand for concrete, tile, mixed cement, and cement pipe, etc.

Sales & Hotel sector diminished at 31.61% YoY following anti-epidemic measures in many areas. As a result, the number of domestic tourists decreased.

The Social Services sector highly dropped at 23.59% YoY, in consequence of an easing in electrical consumption in government agencies office from work from home, online learning and cold weather.

Agricultural sector shrank at 3.64% YoY, on account of electricity consumption in livestock, inland fisheries, planting, breeding, vegetable garden and orchards following a fall in domestic demand.



Electricity Sale Forecast

PEA forecasts the electricity sale situation in 2021 to improve around 3.38% YoY following a recovering trend in exports. Industrial sector and residential sector will have decreased consumption of electricity from high temperature and government electricity subsidy.

Positive factors

1. Effective control of COVID-19 and vaccination will make economic recovery.
2. An increasing export trend from vaccination in many countries will make economic recovery that resulting in Thai exports.
3. Fiscal Policies such as “Half-Half” project, “We-win” Project, “We stand together” project, electricity charge subsidy, unemployment insurance and dept Moratorium.

Negative factors

1. The mutation of covid-19, Side-effect from vaccine and New infectious disease that may affect the economy.
2. The hotel and tourism were also affected by foreign tourists.
3. Household sector faces a decline in incomes while debt increased. Moreover, public debt may be affected to the economy.
4. Natural disasters from summer storms.
5. Appreciation of Baht from Quantitative easing launched by FED may be affected to export.