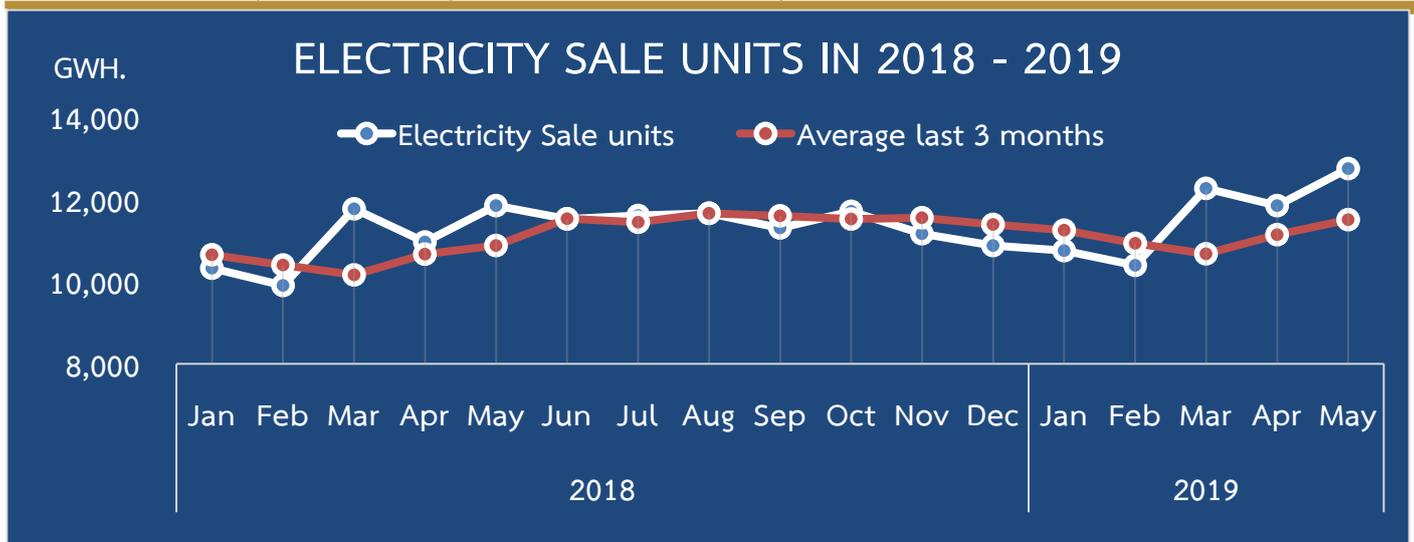


The Electricity Sales Report of PEA in May 2019



The electricity sale units of PEA in May 2019 has increased at 7.59% YoY, owing to a higher temperature and a growth of domestic demand. Furthermore, there was an enlargement of government expenditure following an investment. While, tourism sector also surged from hotel, commercial and transportation segments. The household income in non-agricultural sectors perpetually accreted.

According to the chart, the forecast growth rate in June 2019 has enhanced by an expansion of domestic consumption and investment of public and private along with tourism. Although, the temperature became lower because of an increase of precipitation.



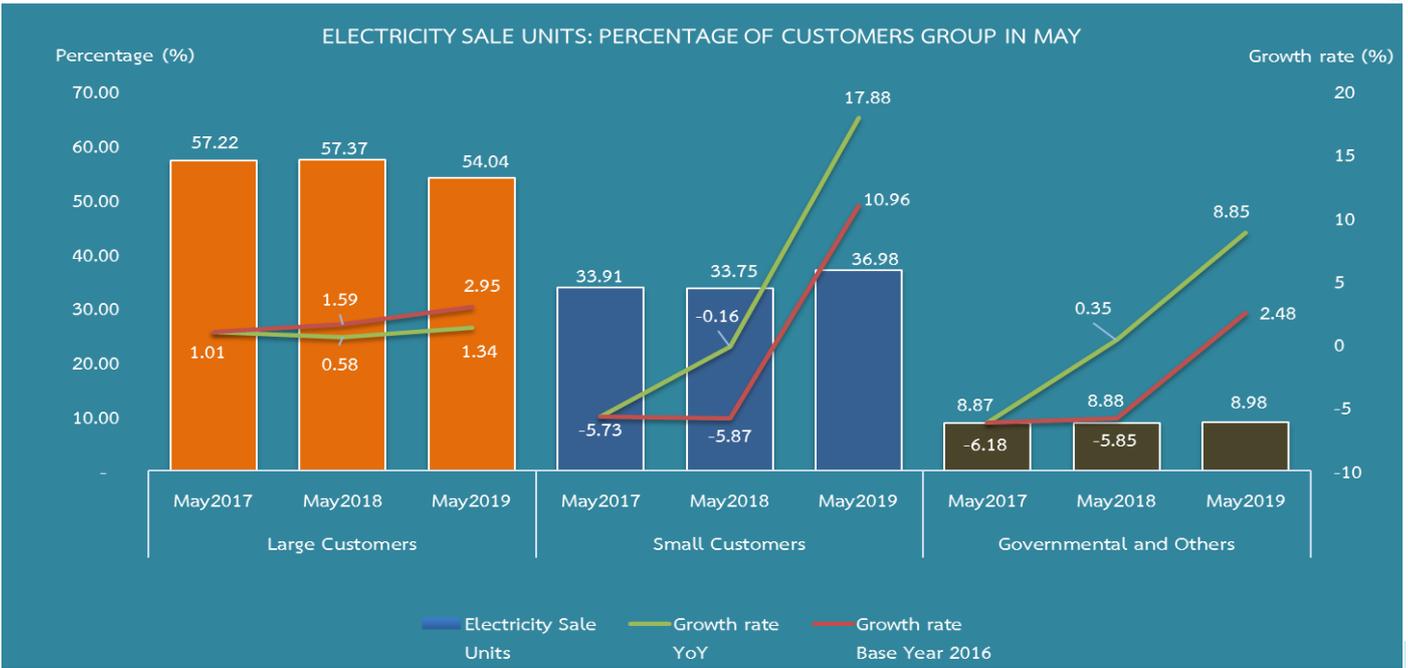
In May 2019, PEA had total electricity sales 12,749.77 million units. It magnified 7.59% YoY.

The residential sector went up 19.69% YoY. Now that, there was higher temperature.

Growth of small, medium and large industrial sector varied 19.69%, 5.89% and 1.04% YoY, respectively, following a surge of domestic demand and private expenditure for consumption and investment.

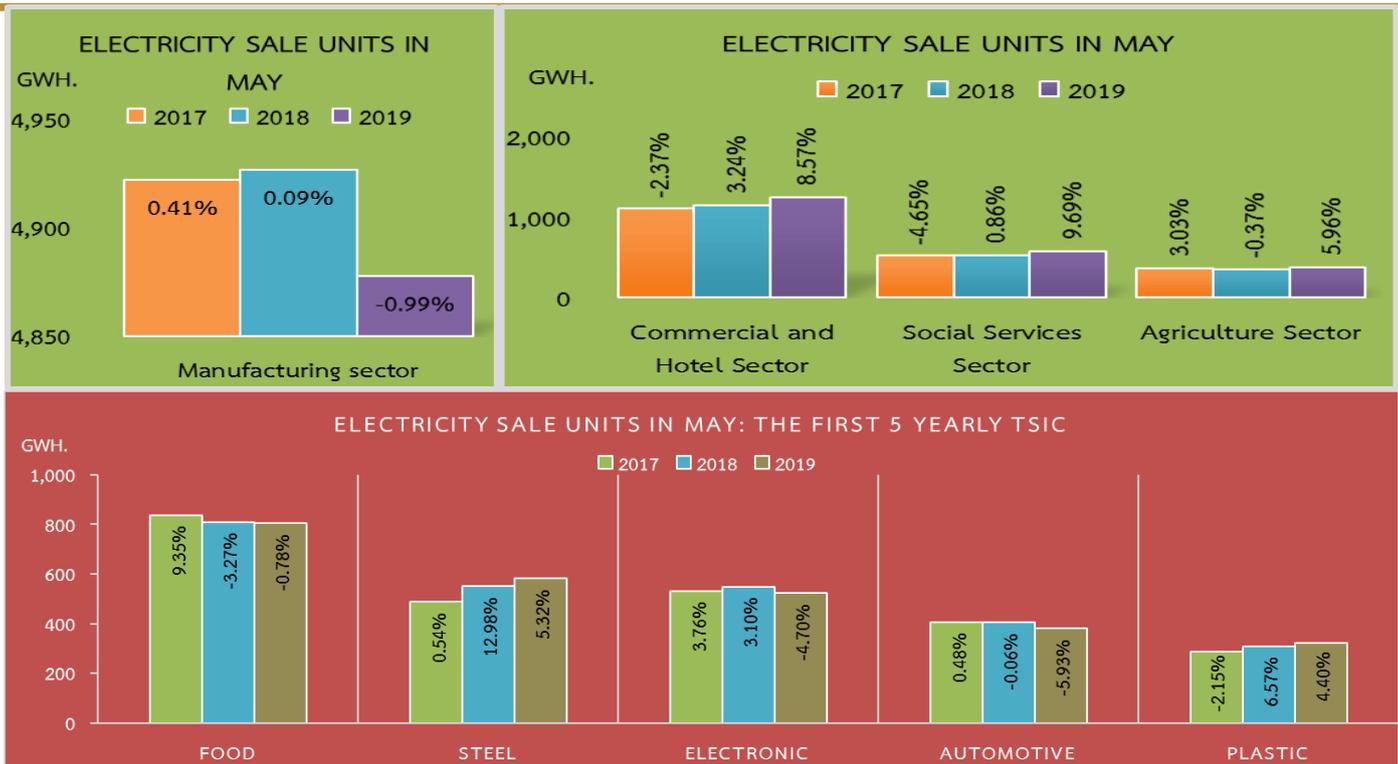
Specific business grew 9.66% YoY, resulting from a jump of services, tourism, rental and hotel.

To compare the growth rate between 2019 with base year 2016, it has found that the electricity sales inflated by 5.73% YoY.



Large Customers	Small Customers	Governmental and Others
<p>Growth rate magnified 1.34% YoY. Thanks to, a rise of large commercial sector at 9.53% YoY. The causes were a continually visitation of tourists and a surge of domestic demand from high purchasing power initiating electricity consumption of retail, wholesale and hotel being up.</p> <p>While, industrial sector dropped 0.78% YoY from electronics, food and automotive decreasingly exporting because of trade barrier between U.S.A. and China, including appreciation of Baht currency.</p> <p>Accordingly, the electricity sales heightened at 2.95% YoY (compared with base year 2016).</p>	<p>Enlarged by 17.88% YoY due to a surge of residential higher temperature. In May 2019, the average temperature was 29.9 degree Celsius being higher than previous year at 1.18 degree Celsius. Besides, small commercial sector varied 12.65% YoY following the domestic demand in wholesale and retail. As, there also was high electricity consumption from air conditioning in summer.</p> <p>To compare with 2016, the electricity sales intensified by 10.96% YoY.</p>	<p>Increased by 8.85% YoY, owing to higher temperature which caused a rise of electricity demand for air conditioner in offices. Moreover, the electricity consumption of pumping for agriculture and free magnified 68.08% and 5.81% YoY.</p>

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



Manufacturing sector plunged by 0.99% YoY. There were 5 segments in manufacturing sector.

Food Segment dropped 0.78% YoY. Seeing that, electricity consumption in rice mill, food processing and preserving and canned seafood production decreased 16.30%, 3.22% and 3.03% YoY. Even if, manufacture of tapioca advanced 18.94% YoY from increasingly export to China. Overall, the electricity consumption in food segment still reduced.

Steel Segment accrued by 5.32% YoY owing to an escalation of hot-rolled steel after temporarily shutting down production. In addition, there was an accelerate production in round and deformed bars steel to made up a maintenance in last month.

Electronics segment ebbed 4.70% YoY, resulting from downtrend of global exportation for electronics and customer loss to SPP.

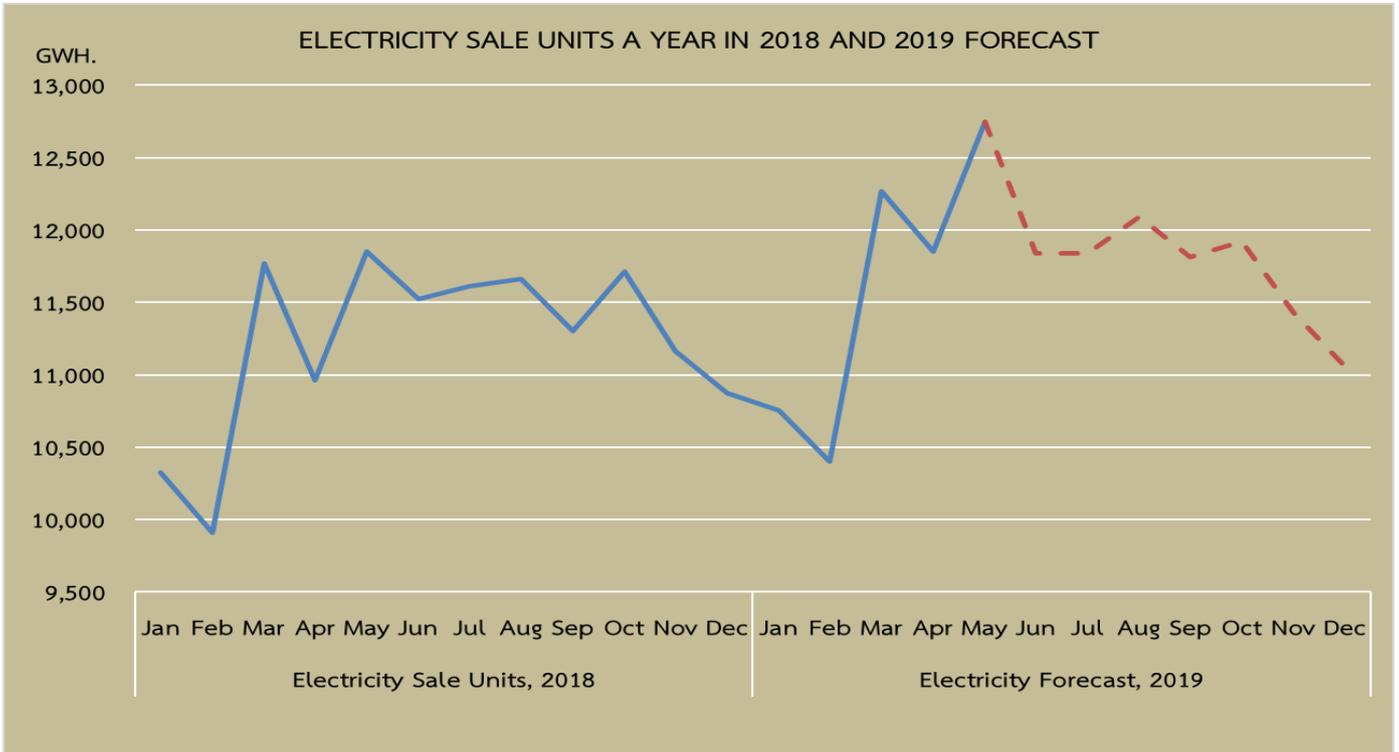
Automotive Industry diminished by 5.93% YoY following less export of car and pick-up. These reflected from a fall of export value in every markets, except Asia market.

Plastic Segment accumulated by 4.40% YoY, by reason of an export of plastic products to U.S.A. and Vietnam.

Sales & Hotel sector increased by 8.57% YoY due to domestic demand for department store growing 4.46% YoY. In spite of, the number of tourists who visited Thailand declined, the electricity consumption in hotel segment heighten by 4.85% YoY.

The Social Services sector rose 9.69% YoY, in consequence of climate variability causing a higher average temperature initiated an increase of electrical consumption in office.

Agricultural sector varied by 5.96% YoY, on account of livestock's electricity consumption. While, electricity demand for plantation of vegetables, fruits and horticulture also surged, reflecting from a suitable weather for cultivating.



Electricity Sale Forecast

PEA forecasts the electricity sale situation in 2019 to improve. The committee approximated (approximated in September 2018) the electricity sale situation in 2019 that will be expanded 3.81% YoY. There are many factors to impact the electricity sales 2019.

Positive factors

1. In March to May 2019, the weather got hotter than previous year.
2. The expansion of domestic demand for private and household consumption.
3. Extension of waiver Visa on arrival for 21 countries due to 31st October 2019.
4. From restructured in production and administration in public and private organization, there applied new technologies like Big Data, AI, machine Learning, Internet of Things (IoT) and 5G.
5. The improvement of infrastructure project in EEC made more confident for domestic and foreign investors.
6. After the election, the political situation was more stable.
7. The situation of trade barrier in China and U.S.A. had trend to be better.

Negative factors

1. Supportive policies for SPP Cogeneration, which encourage private sector to play a role in generating electricity for distribution. Then, there was more and more losing customers to SPP.
2. Britain exiting the EU (Brexit) still haven't had a conclusion.
3. The Chinese, European and Russian tourists plummeted from economic deceleration.
4. Baht currency appreciated which caused a decline of competitiveness for export.