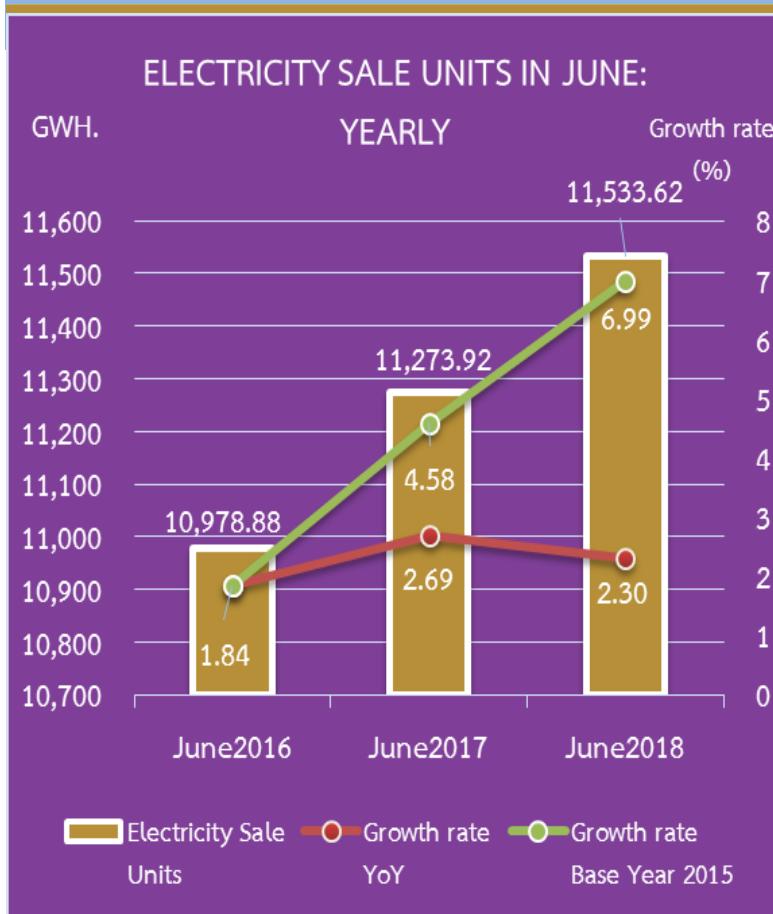


## The Electricity Sales Report of PEA in June 2018



The electricity sale units of PEA in June 2018 has declined by reason of rainy season. It affected from tropical storm “Ewiniar” in early June 2018. On the contrary, a trend has risen following a growth of domestic and overseas demand, compared with average last 3 months. As a result of, there were economics’ stability and a rise of export, including, Private consumption and investment expansion. In addition, Infrastructure investment’s supportive factors caused a maximum consumer sentiment index round 4 months and utmost industry sentiment index round 42 months. Besides, tourism sector has inflated owing to local and foreign tourists. The first 3 PEA regions of topmost electricity demand were PEA Area 1 (South), PEA Area 2 (North) and PEA Area 3 (Northeast) that rising at 4.42, 3.90 and 3.86, respectively.

According to the chart, the forecast growth rate in July 2018 is constantly increasing trend by export and tourism sectors. While consumer and government consumption and investment are growing, amount of rainfall that causing a trivial augmentation.

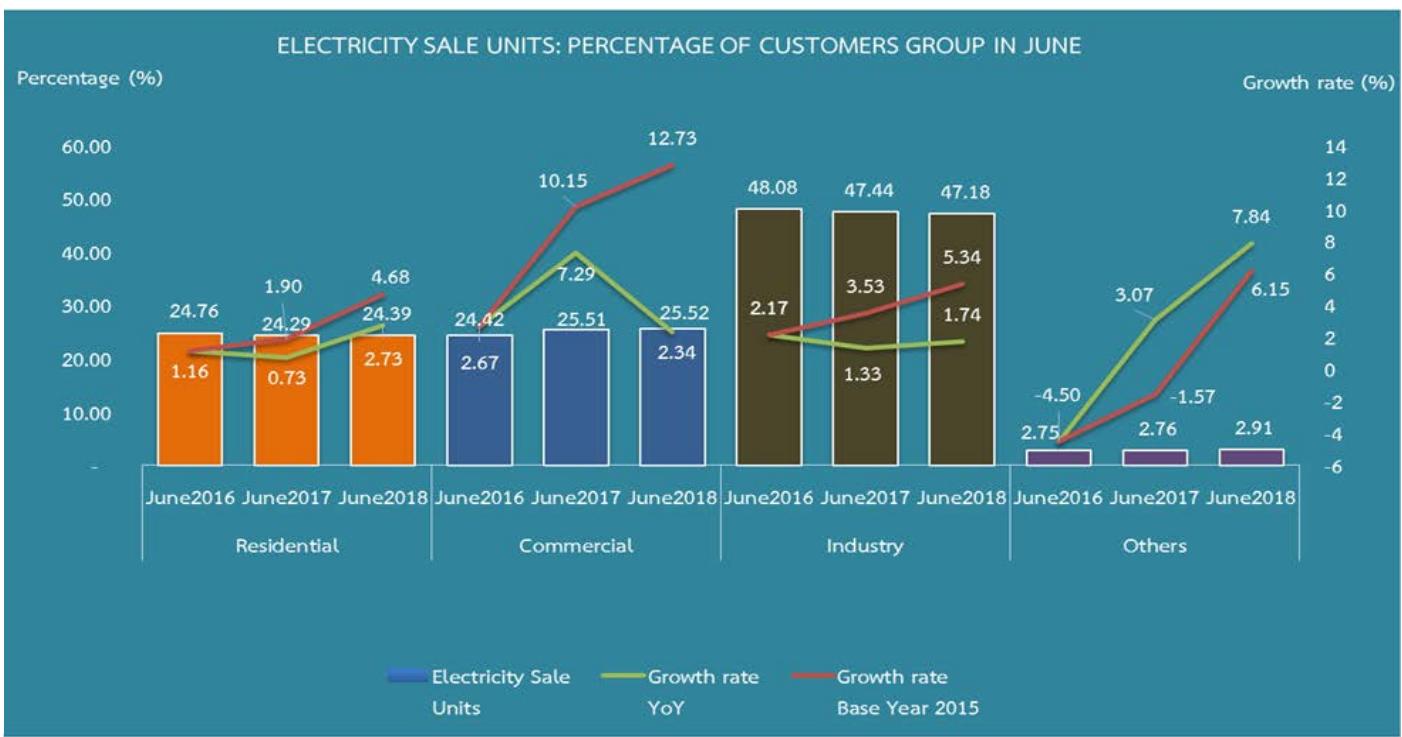


In June 2018, PEA had total electricity sales 11,533.62 million units. It increased 2.30% YoY. In industrial sector has surged 1.74% YoY by domestic and international electricity demand. The main cause was an escalation of electricity consumption at 2.42% YoY in central region.

Commercial sector’s growth expanded by 2.34 % YoY from Thai and foreign tourists that leading to electricity demand in sales and hotel segment grew at 3.47% YoY. Also, transportation segment’s electricity demand accreted at 5.43 % YoY in the same way.

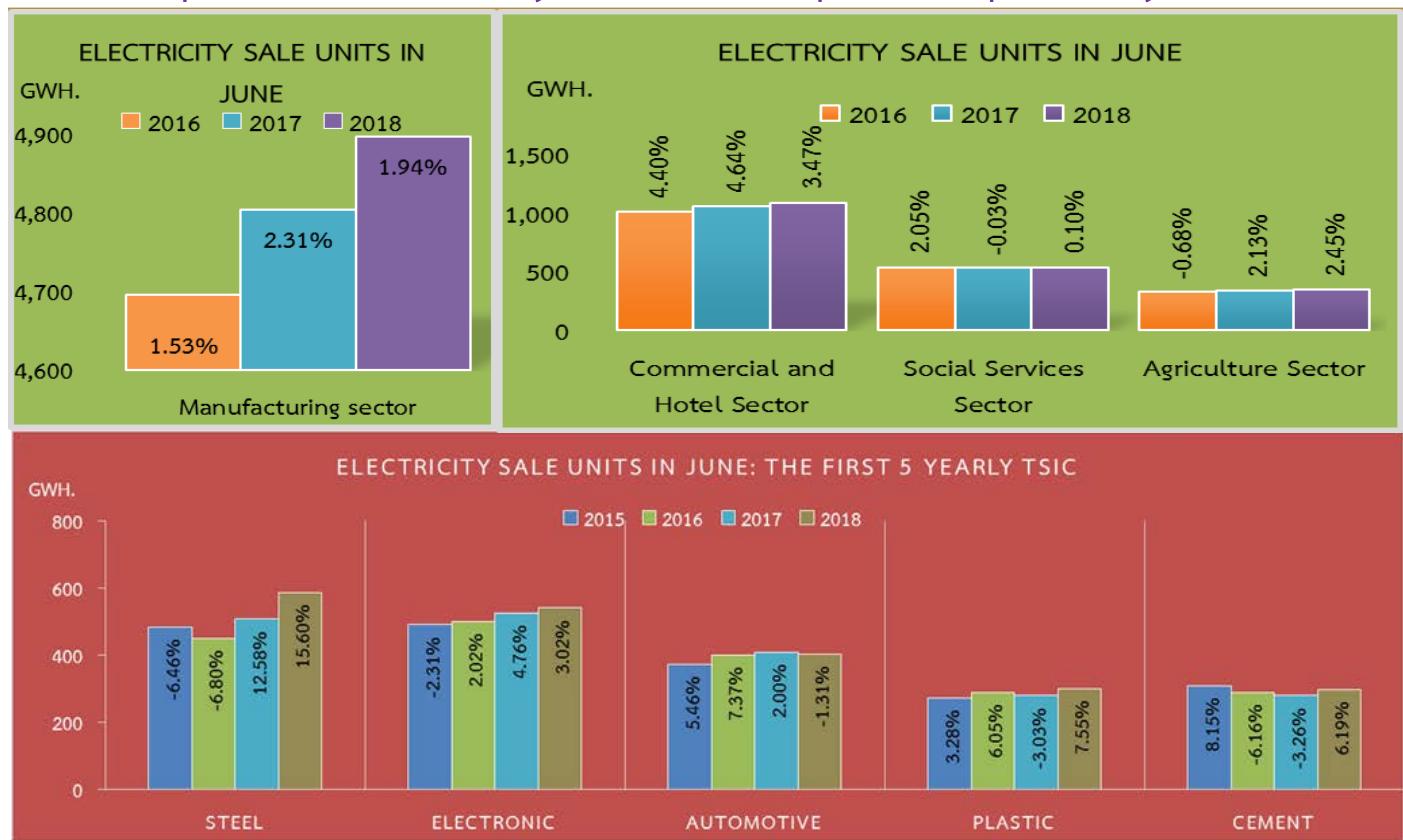
Furthermore, residential segment’s electricity consumption has just rose in this month.

To compare the growth rate between 2018 with base year 2015, it has found that the electricity sales increased by 6.99%.



Residential	Commercial	Industry	Others
<p>Growth rate heightened by 2.73 % YoY. Thanks to, the household income that continually augmented in 4<sup>th</sup> month, including labors of non-agricultural sector's income. Besides, employment totally grew up by the enlargement of sales and services business's branches.</p>	<p>Grew by 2.34% YoY due to the tourists, such as Chinese, Hong Kong and South Asia, particular India and Malaysia. In addition Thai tourists diffused to Main and Secondary tourist cities. According to, electrical consumption in many segments expanded, for instance, rose by 11.02% YoY in construction segment and went up 5.43% YoY in transportation. Commercial and Hotel sector accrued 3.47% YoY by mounting electricity demand in wholesale and retail at 7.49% YoY and 3.86% YoY in order.</p>	<p>Escalated by 1.74% YoY. It resulted from domestic and aboard orders in main manufacturing segments such as steel, electronic, plastic and cement. Comprising a growth of overtime employment was more and more. Also, public investment relating to public utility projects of Department of Rural Roads, Royal Irrigation department and Department of Public Works and Town &amp; Country Planning have been risen.</p>	<p>7.84% YoY was increased for the sake of electricity demand of pumping for agriculture and nonprofit organization segments varied by 89.71% YoY and 50.86% YoY. The cause was rainy season that further using public lighting at night.</p>

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



**Manufacturing sector** surged by 1.94% YoY. There were 5 segments in manufacturing sector.

**Steel Segment** expanded by 15.60% YoY due to the demand of rebar that increasing from small constructions, for example, 2 storeys building.

**Electronics segment** grew by 3.02% YoY, following export of hard disk drive to U.S.A. and Hong Kong, including integrated circuits (IC) orders from Hong Kong and Malaysia markets. Furthermore, there was an escalation in the demand of wire used for infrastructure development.

**Automotive Industry** decreased by 1.31% YoY as a consequence of a decline in the versatile motorcycles production.

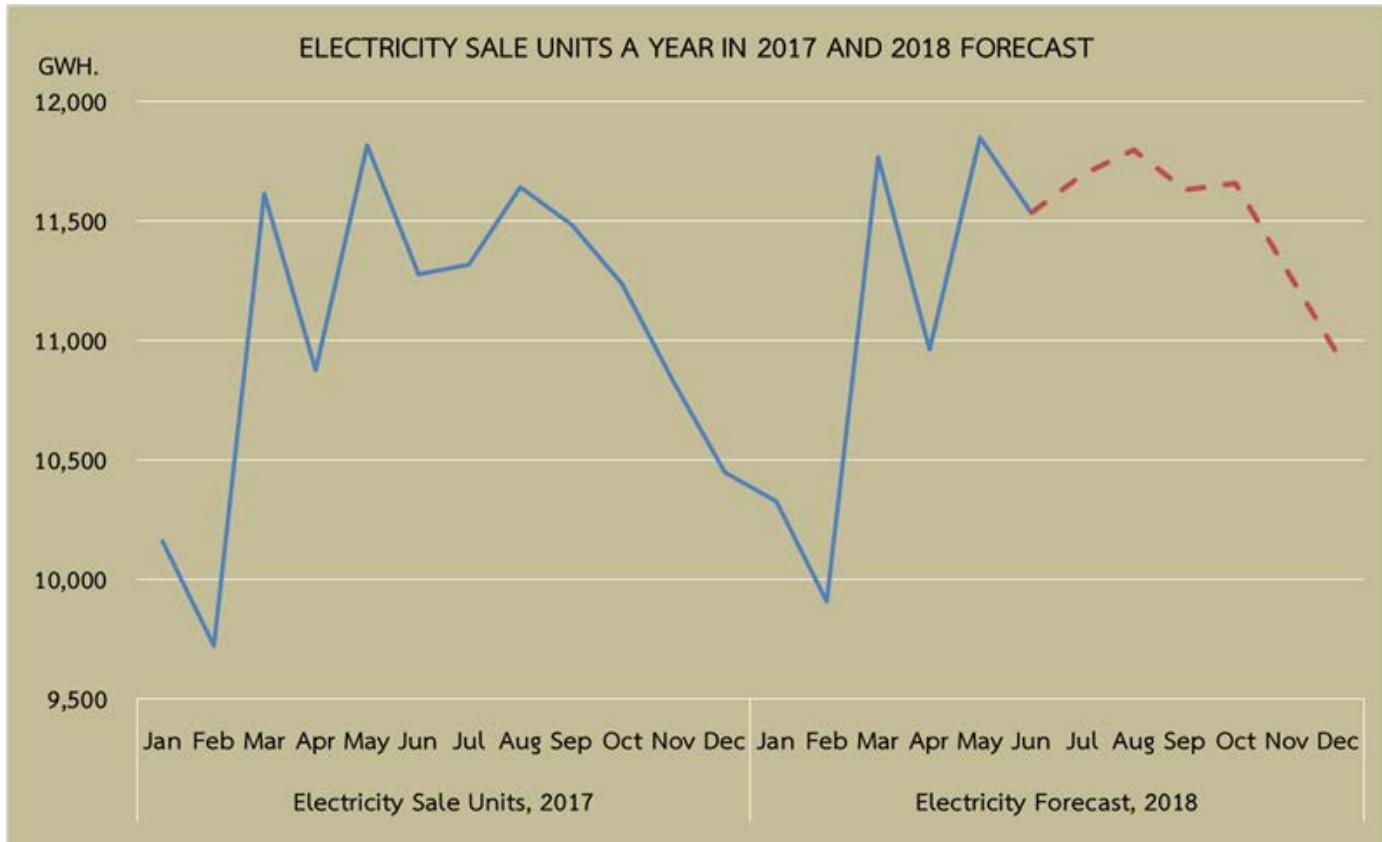
**Plastic Segment** accumulated by 7.55% YoY resulting from an increase of plastic exportation.

**Cement segment** went up 6.19% YoY as a result of a rise in Sri Lanka's orders. Moreover, public utilities construction projects have progressed such as MRT orange line (Thailand Cultural Centre - Min Buri), including highway and bridge construction projects in suburb.

**Sales & Hotel sector** increased by 3.47% YoY from Chinese, Hong Kong and South Asia tourists, especially Indian, including Malaysian tourists that were in end of semester and Hari Raya festival that came faster.

**The Social Services sector** rose 0.10% YoY, on the grounds of elevated demand in government and national defense sectors including sanitary services and similar others.

**Agricultural sector** grew 2.45% YoY, owing to an increase of oil palm production by expanding the growing areas whereas there was an export of rubber and processed chicken to China.



### Electricity Sale Forecast

PEA forecasts the electricity sale situation in 2018 to improve. The committee approximated (approximated in June 2018) the electricity sale situation in 2018 that will be expanded 2.22% YoY. There are many factors to impact the electricity sales 2018.

#### Positive factors

1. Domestic and International economics' stability are in stable level.
2. Investment and private consumption have improved.
3. Expansion of excursionists, particularly Chinese, Hong Kong and Malaysian tourists.
4. An increase of non-agricultural income and minimum wages.
5. Low unemployment rate.
6. A technology plays an important role for developing economic both Manufacturing sector and commercial and services segment.
7. Infrastructure investment of government.
8. An investment in special economic zones namely EEC has a rising trend after proclaiming an Eastern Special Development Zone Act B.E. 2561 (2018).

#### Negative factors

1. Natural disasters such as floods.
2. Fluctuation of appreciate Baht currency.
3. An uncertainty and discontinuity of public policy and a delayed government working process such as Regulation of Ministry of finance on Government Procurement and Supplies Management B.E.2560 involving land and country planning management.
4. International trade barrier between U.S.A. and international, especially China.
5. Supportive policies for SPP Cogeneration, which encourage private sector to play a role in generating electricity for distribution.