



การไฟฟ้าส่วนภูมิภาค  
PROVINCIAL ELECTRICITY AUTHORITY

# Electricity Tariffs

## Schedule 1 Residential

Applicable to households and other dwelling places, monasteries, house of priest, and religious places of worship, including their compound, through a single Watt-hour meter.

### Monthly Rate

#### 1.1 Normal Rate

		Energy Charge (Baht/kWh)	Service Charge (Baht/Month)
1.1.1 Consume up to 150 kWh. per Month			
First	15 kWh. (0 – 15 th)	2.3488	8.19
Next	10 kWh. (16 th – 25 th)	2.9882	
Next	10 kWh. (26 th – 35 th)	3.2405	
Next	65 kWh. (36 th – 100 th)	3.6237	
Next	50 kWh. (101 st – 150 th)	3.7171	
Next	250 kWh. (151 st – 400 th)	4.2218	
Over	400 kWh. (401 st and over)	4.4217	
1.1.2 Consume over 150 kWh. per Month			
First	150 kWh. (0 – 150 th)	3.2484	38.22
Next	250 kWh. (151 st – 400 th)	4.2218	
Over	400 kWh. (401 st and over)	4.4217	

#### 1.2 Time of Use Rate (TOU)

		Energy Charge (Baht/kWh)	Service Charge (Baht/Month)
		Peak	Off-Peak
1.2.1 At voltage level 22 - 33 kV.			
		5.1135	2.6037
1.2.2 At voltage level lower than 22 kV.			
		5.7982	2.6369

**Note:** 1. Customer, who has installed meter up to 5 Amp., 220 V., 1 Phase, 2 Wires, is classified under 1.1.1. If the customer consumes over 150 kWh for 3 consecutive months, he/she will be reclassified under 1.1.2 in the following month. When the customer does not consume over 150 kWh for 3 consecutive months, he/she will be reclassified under 1.1.1 in the following month.

2. Customer, who has installed meter over 5 Amp., 220 V., 1 Phase, 2 Wires, is classified under 1.1.2.

3. Customer, who has classified under 1.1.1 and does not consume over 50 kWh, will be received free electricity for that month until December 2015. From January 2016 onwards, the customer who classified under 1.1.1, and not be a juristic person, and does not consume over 50 kWh for 3 consecutive months (including the current month), will be received free electricity for that month.

4. As for tariff No. 1.2, if the customer installs a meter on a low voltage side of his/her transformer, another 2% of kWh will be added to the energy consumption to compensate for the losses in the transformer.

5. Tariff No. 1.2 is an optional rate, in order that the customer is obligated to pay for any additional cost specified by PEA. After the minimum use of 12 months, the customer can require to be in tariff No. 1.1.

## Schedule 2 Small General Service

Applicable to businesses, businesses with residential, industrials, government institutions, local authorities, state enterprises, embassies, establishments related to foreign countries or international organizations, and so on, including their compound with the maximum of an average integrated demand of energy in 15 minutes lower than 30 kW., through a single Watt-hour meter.

### Monthly Rate

#### 2.1 Normal Rate

		Energy Charge (Baht/kWh)	Service Charge (Baht/Month)
2.1.1 At voltage level 22 - 33 kV.			
		3.9086	312.24
2.1.2 At voltage level lower than 22 kV.			
First	150 kWh. (0 – 150 th)	3.2484	46.16
Next	250 kWh. (151 st – 400 th)	4.2218	
Over	400 kWh. (401 st and over)	4.4217	

#### 2.2 Time of Use Rate (TOU)

		Energy Charge (Baht/kWh)	Service Charge (Baht/Month)
		Peak	Off-Peak
2.2.1 At voltage level 22 - 33 kV.			
		5.1135	2.6037
2.2.2 At voltage level lower than 22 kV.			
		5.7982	2.6369

**Note:** 1. As for tariff No. 2.2, if the customer installs a meter on a low voltage side of his/her transformer, another 2% of kWh will be added to the energy consumption to compensate for the losses in the transformer.

2. Tariff No. 2.2 is an optional rate, in order that the customer is obligated to pay for any additional cost specified by PEA. After the minimum use of 12 months, the customer can require to be in tariff No. 2.1

3. If the maximum of an average integrated demand of energy in 15 minutes is equal to 30 kW. or over, the customer will be classified under the schedule 3 – 5 depend on the case.

## Schedule 3 Medium General Service

Applicable to businesses, industrials, government institutions, local authorities, state enterprises, embassies, establishments related to foreign countries or international organizations, and so on, including their compound with the maximum of an average integrated demand of energy in 15 minutes in any period of time from 30 kW. to lower than 1,000 kW., and an average energy consumption in the last 3 consecutive months are not over 250,000 kWh. per month, through a single demand meter.

### Monthly Rate

3.1 Normal Rate	Demand Charge (Baht/kW)	Energy Charge (Baht/kWh)		Service Charge (Baht/Month)
3.1.1 At voltage level 69 kV. and over	175.70	3.1097		312.24
3.1.2 At voltage level 22 - 33 kV.	196.26	3.1471		312.24
3.1.3 At voltage level lower than 22 kV.	221.50	3.1751		312.24

  

3.2 Time of Use Rate (TOU)	Demand Charge (Baht/kW)	Energy Charge (Baht/kWh)		Service Charge (Baht/Month)
	Peak	Peak	Off-Peak	
3.2.1 At voltage level 69 kV. and over	74.14	4.1025	2.5849	312.24
3.2.2 At voltage level 22 - 33 kV.	132.93	4.1839	2.6037	312.24
3.2.3 At voltage level lower than 22 kV.	210.00	4.3297	2.6369	312.24

**Minimum Charge:** The minimum charge cannot be lower than 70% of the maximum demand charge in the last 12 months, ending in the current month.

**Note:** 1. If the customer installs a meter on a low voltage side of his/her transformer, another 2% of kW and kWh will be added to the energy consumption to compensate for the losses in the transformer.

2. Tariff No. 3.1 is for customer who classified under tariff No. 3.1 before November 2015. The customer may switch to tariff No. 3.2 by paying for any additional cost specified by PEA, and cannot be able to switch back to tariff No. 3.1.

3. The maximum 15 minutes integrated demand is lower than 30 kW., this rate will still be applied. If the demand drops to lower than 30 kW. for 12 consecutive months and still be lower than 30 kW. in the 13<sup>th</sup> month, the customer will be reclassified under tariff No. 2.1 or No. 2.2 depend on the case. The customer who has classified under TOU rate, and has paid, will not have to pay an additional cost.

## Schedule 4 Large General Service

Applicable to Businesses, industrials, government institutions, local authorities, state enterprises, embassies, establishments related to foreign countries or international organizations, and so on, including their compound with the maximum of an average integrated demand of energy in 15 minutes in any period of time from 1,000 kW. and over or an average energy consumption in the last 3 consecutive months are over 250,000 kWh per month through a single demand meter.

### Monthly Rate

4.1 Time of Day Rate (TOD)	Demand Charge (Baht/kW)			Energy Charge (Baht/kWh)	Service Charge (Baht/Month)
	Peak	Partial	Off-Peak		
4.1.1 At voltage level 69 kV. and over	224.30	29.91	0	3.1097	312.24
4.1.2 At voltage level 22 - 33 kV.	285.05	58.88	0	3.1471	312.24
4.1.3 At voltage level lower than 22 kV.	332.71	68.22	0	3.1751	312.24
	<small>Peak : 06.30 p.m. – 09.30 p.m. everyday            Partial : 08.00 a.m. – 06.30 p.m. everyday (Demand charge is considered only the excess demand over peak period)            Off-Peak : 09.30 p.m. – 08.00 a.m. everyday</small>				

  

4.2 Time of Use Rate (TOU)	Demand Charge (Baht/kW)	Energy Charge (Baht/kWh)		Service Charge (Baht/Month)
	Peak	Peak	Off-Peak	
4.2.1 At voltage level 69 kV. and over	74.14	4.1025	2.5849	312.24
4.2.2 At voltage level 22 - 33 kV.	132.93	4.1839	2.6037	312.24
4.2.3 At voltage level less than 22 kV.	210.00	4.3297	2.6369	312.24

**Minimum Charge:** The minimum charge cannot be lower than 70% of the maximum demand charge in the last 12 months, ending in the current month.

**Note:** 1. Tariff No. 4.1 is for customer who classified under tariff No. 4.1 before November 2015. The customer may switch to tariff No. 4.2 by paying for any additional cost specified by PEA, and cannot be able to switch back to tariff No. 4.1.

2. The maximum 15 minutes integrated demand is lower than 1,000 kW., or the monthly energy consumption is not over 250,000 kWh., this rate will still be applied. If the demand drops to lower than 30 kW. for 12 consecutive months and still be lower than 30 kW. in the 13<sup>th</sup> month, the customer will be reclassified under tariff No. 2.1 or No. 2.2 depend on the case. The customer who has classified under TOU rate, and has paid, will not have to pay an additional cost.

## Schedule 5 Specific Business Service

Applicable to hotels, guest houses or lodging businesses, including their compound, with the maximum of an average integrated demand of energy in 15 minutes in any period of time from 30 kW. and over, through a single demand meter.

### Monthly Rate

5.1 Time of Use Rate (TOU)	Demand Charge (Baht/kW)	Energy Charge (Baht/kWh)		Service Charge (Baht/Month)
	Peak	Peak	Off-Peak	
5.1.1 At voltage level 69 kV. and over	74.14	4.1025	2.5849	312.24
5.1.2 At voltage level 22 - 33 kV.	132.93	4.1839	2.6037	312.24
5.1.3 At voltage level lower than 22 kV.	210.00	4.3297	2.6369	312.24

  

5.2 Whom does not installed with TOU meter	Demand Charge (Baht/kW)	Energy Charge (Baht/kWh)		Service Charge (Baht/Month)
5.2.1 At voltage level 69 kV. and over	220.56	3.1097		312.24
5.2.2 At voltage level 22 - 33 kV.	256.07	3.1471		312.24
5.2.3 At voltage level lower than 22 kV.	276.64	3.1751		312.24

**Minimum Charge:** The minimum charge cannot be lower than 70% of the maximum demand charge in the last 12 months, ending in the current month.

**Note:** 1. If the customer installs a meter on a low voltage side of his/her transformer, another 2% of kW and kWh will be added to the energy consumption to compensate for the losses in the transformer.

2. Tariff No. 5.1 must be applied to all customers who are first qualified under schedule 5. While the customer who has not yet installed a TOU meter, the tariff No. 5.2 is temporarily used.

3. The maximum 15 minutes integrated demand is lower than 30 kW., or the monthly energy consumption is not over 250,000 kWh., this rate will still be applied. If the demand drops to lower than 30 kW. for 12 consecutive months and still be lower than 30 kW. in the 13<sup>th</sup> month, the customer will be reclassified under tariff No. 2.1 or No. 2.2 depend on the case. The customer who has classified under TOU rate, and has paid, will not have to pay an additional cost.

## Schedule 6 Non-Profit Organization

Applicable to Non-Government Organizations that offering non-charge services, through a single demand meter, but do not include government institutions, local authorities, state enterprises, embassies, establishments related to foreign countries and international organizations.

### Monthly Rate

6.1 Normal Rate		Energy Charge (Baht/kWh)		Service Charge (Baht/Month)
6.1.1 At voltage level 69 kV. and over		3.4149		312.24
6.1.2 At voltage level 22 - 33 kV.		3.5849		312.24
6.1.3 At voltage level lower than 22 kV.				20.00
	First 10 kWh. ( 0 – 10 th)	2.8013		
	Over 10 kWh. ( 11 th and onwards)	3.8919		

  

6.2 Time of Use Rate (TOU)	Demand Charge (Baht/kW)	Energy Charge (Baht/kWh)		Service Charge (Baht/Month)
	Peak	Peak	Off-Peak	
6.2.1 At voltage level 69 kV. and over	74.14	4.1025	2.5849	312.24
6.2.2 At voltage level 22 - 33 kV.	132.93	4.1839	2.6037	312.24
6.2.3 At voltage level lower than 22 kV.	210.00	4.3297	2.6369	312.24

**Minimum Charge:** As for tariff No. 6.2, the minimum charge cannot be lower than 70% of the maximum demand charge in the last 12 months, ending in the current month.

**Note:** 1. If the customer installs a meter on a low voltage side of his/her transformer, another 2% of kW and kWh will be added to the energy consumption to compensate for the losses in the transformer.

2. Tariff No. 6.2 is an optional rate, in order that the customer is obligated to pay for any additional cost specified by PEA. After the minimum use of 12 months, the customer can require to be in tariff No. 6.1

## Schedule 7 Agricultural Pumping

Applicable to the electricity usage of water pumps for agricultural purposes of government, agricultural cooperatives, farmer groups that have been registered and farmer groups that are legalized by government, through a single Watt-hour meter.

### Monthly Rate

7.1 Normal Rate	Energy Charge (Baht/kWh)	Service Charge (Baht/Month)
First 100 kWh. (0 – 100 th)	2.0889	115.16
Over 100 kWh. (101 st and onwards)	3.2405	

7.2 Time of Use Rate (TOU)	Demand Charge (Baht/kW)	Energy Charge (Baht/kWh)	Service Charge (Baht/Month)
	Peak	Peak    Off-Peak	
6.2.2 At voltage level 22 - 33 kV.	132.93	4.1839    2.6037	228.17
6.2.3 At voltage level lower than 22 kV.	210.00	4.3297    2.6369	228.17

**Minimum Charge:** As for tariff No. 7.2, the minimum charge cannot be lower than 70% of the maximum demand charge in the last 12 months, ending in the current month.

**Note:** 1. If the customer installs a meter on a low voltage side of his/her transformer or PEA's transformer (only in the case of the CT is installed on the lower Voltage meter), another 2% of kW and kWh will be added to the energy consumption to compensate for the losses in the transformer.

2. Tariff No. 7.2 is an optional rate, in order that the customer is obligated to pay for any additional cost specified by PEA. After the minimum use of 12 months, the customer can require to be in tariff No. 7.1

## Schedule 8 Temporary Service

Applicable to construction, temporarily special events, places without registration number and electricity customers who are not followed PEA's Rules and Regulations, through a single Watt-hour meter.

### Monthly Rate

**Energy Charge (At all Voltage levels)                      6.8025                      Baht per kWh.**

**Note:** Customer, who is classified under this schedule, desires to be in another permanent schedules or PEA detects that the electricity consumption has changed to another qualifications, for instance, businesses, industrials, and households. Customer can require to a permanent consumption at PEA in those area. The customer also has to install electricity wiring or installing interior equipment follows by PEA's Standards, pay for any additional fee according to PEA's Regulations and will be reclassified under the schedule 1-7 depends on the case.

#### TOU Time Table

**Peak :** 09:00 a.m. - 10:00 p.m.

Monday-Friday and

Royal Ploughing Ceremony Day

**Off - Peak :** 10:00 p.m. - 09:00 a.m. Monday-Friday and Royal Ploughing Ceremony Day

: 00:00 a.m. - 11:59 p.m. (24 hrs) Saturday - Sunday, Labor Day,

The Royal Ploughing Ceremony Day which is on Saturday or Sunday,  
Public Holiday (except Compensatory Holiday)

## Electricity Tariffs' Conditions

1. Power factor charge will be collected from the customer who causes the lag of power factor. When the maximum of an average reactive power (kVAR) demand in 15 minutes in any period of time is more than 61.97% of the maximum of an average active power (kW) demand in 15 minutes in any period of time, 56.07 Baht/kVAR will be added. (If the fraction of kVAR is lower than 0.5 kVAR, it will be rounded down, and if it is equal or over 0.5 kVAR, it will be rounded up to 1 kVAR.)

2. Monthly Electricity Charge is composed of the electricity tariffs which has mentioned above, Automatic Tariff Adjustment Mechanism (F<sub>1</sub>), and VAT.

3. The electricity tariffs which has mentioned above are not excluding a Value Added Tax (VAT).

The electricity tariffs, has stated above, will be effective in the **electricity bill of the November 2018** onwards.

#### PROVINCIAL ELECTRICITY AUTHORITY

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