For example, electricity consumption in heating season is 4 000 kWh per month. During a calculate, the cost of electricity consumed we divide into two blocks:
I block – 90 kopeks/kWh;
II block – 168 kopeks/kWh.

The usual tariff

In view of the foregoing we get:

	tariff	consumption
I block	90 kopeks/kWh	100 kWh
II block	168 kopeks/kWh	3900 kWh

1) The cost for the amount of electricity consumed up to 100 kWh

$$100 \text{ kWh} \times 90 \frac{\text{kopeks}}{\text{kWh}} = 90{,}0 \text{ UAH};$$

2) The cost for the amount of electricity consumed over 100 kWh:

$$3900 \text{ kWh} \times 168 \frac{\text{kopeks}}{\text{kWh}} = 6552{,}0 \text{ UAH};$$

3) The total cost for consumed 4 000 kWh electricity will be:

$$90{,}0 + 6552{,}0 = \mathbf{6642{,}00} \text{ UAH}.$$

Dual-zone tariff

	zone coefficient	tariff	consumption
Night	0,5	90 kopeks/kWh	3250 kWh
Day	1,0	168 kopeks/kWh	750 kWh

1) Calculate coefficient to reduce the cost of electricity:

$$\frac{3250 \text{ kWh} \times 0{,}5 + 750 \text{ kWh} \times 1{,}0}{4000 \text{ kWh}} = 0{,}5938;$$

2) The cost for the amount of electricity consumed up to 100 kWh

$$0{,}5938 \times 100 \text{ kWh} \times 90 \frac{\text{kopeks}}{\text{kWh}} = 53{,}44 \text{ UAH};$$

3) The cost for the amount of electricity consumed over 100 kWh:

$$0{,}5938 \times 3900 \text{ kWh} \times 168 \frac{\text{kopeks}}{\text{kWh}} = 3890{,}25 \text{ UAH};$$

4) The total cost for consumed 4 000 kWh electricity will be:

$$53{,}44 + 3890{,}25 = \mathbf{3943{,}69} \text{ UAH}.$$

Dual-zone with the use of feed-in tariffs on electric heating

	zone coefficient	tariff	consumption
Night	0,5	90 kopeks/kWh	3250 kWh
Day	1,0	168 kopeks/kWh	750 kWh

1) Calculate coefficient to reduce the cost of electricity:

$$\frac{3250 \text{ kWh} \times 0{,}5 + 750 \text{ kWh} \times 1{,}0}{4000 \text{ kWh}} = 0{,}5938;$$

2) The cost for the amount of electricity consumed up to 3000 kWh:

$$0{,}5938 \times 3000 \text{ кВт} \cdot \text{год} \times 90 \frac{\text{kopeks}}{\text{кВт} \cdot \text{год}} = 1603{,}13 \text{ UAH};$$

3) The cost for the amount of electricity consumed over 3000 kWh

$$0{,}5938 \times 1000 \text{ кВт} \cdot \text{год} \times 168 \frac{\text{kopeks}}{\text{кВт} \cdot \text{год}} = 997{,}50 \text{ UAH};$$

4) The total cost for consumed 4 000 kWh electricity will be:

$$1603{,}13 + 997{,}50 = \mathbf{2600{,}63} \text{ UAH}.$$

The total cost for consumed 4 000 kWh electricity per month:

The usual tariff	Dual-zone tariff	Dual-zone tariff and feed-in tariffs
6642 UAH	3943,69 UAH	2600,63 UAH