

## RESIDENTIAL NIGHT TARIFF (TIME-OF-USE) Γ1N

The **Residential Night Tariff Γ1N** (with Time-of-Use rates) is addressed to residential customers with different consumption needs throughout the day. Under this Tariff consumptions made during a 24-hour period **are billed with different rates**, the rate of the Residential Tariff Γ1 for “day consumption” and the reduced rate for “night consumption” during off-peak hours<sup>1</sup>.

### Supply Charge

It includes the cost and other PPC expenses for the supply of power to customers.

### Effective Term of charges from 01.01.2021

| Consumption (kWh) | Charges for Day consumption |                              |                    | Charges for Night consumption |                              |
|-------------------|-----------------------------|------------------------------|--------------------|-------------------------------|------------------------------|
|                   | Energy charge (€/kWh)       | Fixed Fee (€/4-month period) |                    | Energy charge (€/kWh)         | Fixed Fee (€/4-month period) |
|                   |                             | Single phase supply          | Three-phase supply |                               |                              |
| 0-2000 kWh        | 0.11058                     | 1.69                         | 5.32               | 0.07897                       | 2.22                         |
| > 2000 kWh        | 0.11936                     |                              |                    |                               |                              |

**Minimum charge:** Single phase (1-phase) supply: 5.88€/4-month period & Three-phase (3-phase) supply: 9.46€/4-month period.

### Discounts

- For consumptions as of 05.08.2021 an Energy Discount equal to 30% will be applied to the Energy Charge of the table above
- Consistent customers are granted a **5% discount** on the bill's supply charges throughout its effective term.

On the Supply Charges the following are added:

- For the period from 05.08.2021 the Supply Charges Adjustment Clause charge, as described in the Supply Charges Adjustment Clause Section
- For the period up to 04.08.2021, the CO<sub>2</sub> charge (€/kWh), as detailed in the section CO<sub>2</sub> Adjustment Clause. As of 05.08.2021 the CO<sub>2</sub> Adjustment Clause is cancelled.

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<sup>1</sup> For more information on the timetable of the Residential Night Tariff, please visit [www.dei.gr](http://www.dei.gr) & [www.deddie.gr](http://www.deddie.gr)

## Supply Charges Adjustment Clause (05.08.2021 onwards)

The unitary Adjustment Charge in €/kWh for period t is calculated based on the variables below:

- $Y = \alpha * x + \beta$ , where
  - x equals the arithmetic average of the Market Clearing Price of the Day Ahead Market of period t, published on the website of the Hellenic Energy Exchange (<https://www.enexgroup.gr/el/markets-publications-el-day-ahead-market>)
  - $\alpha$ : Incremental Factor, equal to 1,15
  - $\beta$ : Incremental Factor, equal to 0,0115 €/kWh
- L\_u: Upper reference limit, equal to 0,050
- L\_d: Lower reference limit, equal to 0,040

And equals to:

- A charge equal to  $Y - L_u$ , when  $Y > L_u$
- A credit equals to  $Y - L_d$ , when  $Y < L_d$
- No charge when  $L_d \leq Y \leq L_u$

## CO<sub>2</sub> Adjustment Clause (up to 04.08.2021)

The CO<sub>2</sub> Adjustment Clause for LV is activated when the following price, T<sub>CO2n</sub>, (including the relative losses) exceeds the threshold of 0.01568 €/kWh. In this case a unit rate equal to (T<sub>CO2n</sub> – 0.01568) €/kWh applies to customers. In all other cases, the CO<sub>2</sub> Adjustment Clause is not activated.

### Method for calculating the unit rate for CO<sub>2</sub> Emissions Cost

The CO<sub>2</sub> unit rate is calculated based on the formula below:

$$T_{CO2n} = \frac{P(n-1) * Q(n-1)}{E(n-1)}$$

Where:

- n: the month of electricity consumption
- T<sub>CO2n</sub>: Unit rate for CO<sub>2</sub> emissions for electricity consumption of the month n (€/kWh)
- P (n-1): Average closing prices of EUA Futures, as these are formed in the ICE Exchange (ICE: <https://www.theice.com/marketdata/reports>) with December maturity month of the financial year (€/tn) during the month preceding the consumption.
- Q (n-1): Monthly data (provisional) for the total CO<sub>2</sub> emissions of PPC S.A. Power Plants in the Interconnected System, during the month preceding the consumption.
- E (n-1): Monthly outturn of netted energy of PPC S.A. in the Interconnected System during the month preceding the consumption.

## Regulated Charges<sup>2</sup>

The Regulated Charges are approved by the State and apply to all customers using the National Electricity System, irrespective of the Supplier selected.

| Consumption<br>(kWh)                               | Transmission System              |                           | Distribution Network             |                        | Other<br>charges<br>(€/kWh) | ETMEAR**<br>(€/kWh) | SGI<br>(€/kWh) |
|--|----------------------------------|---------------------------|----------------------------------|------------------------|-----------------------------|---------------------|----------------|
|  | Capacity charge<br>€/kVA*CC/year | Energy<br>charge<br>€/kWh | Capacity charge<br>€/kVA*CC/year | Energy charge<br>€/kWh |                             |                     |                |
| Regulated Charges for Day Consumption              |                                  |                           |                                  |                        |                             |                     |                |
| The first 1600<br>(0-1600)                         | 0.13                             | 0.0056                    | 0.52                             | 0.0213                 | 0.00007                     | 0.017               | 0.00690        |
| The next 400<br>(1601-2000)                        |                                  |                           |                                  |                        |                             |                     | 0.05000        |
| All the rest<br>(2001 and above)                   |                                  |                           |                                  |                        |                             |                     | 0.08500        |
| Regulated Charges for Night & Off-Peak Consumption |                                  |                           |                                  |                        |                             |                     |                |
| The first 1600<br>(0-1600)                         | 0.00                             | 0.0000                    | 0.00                             | 0.0000                 | 0.00007                     | 0.017               | 0.00690        |
| The next 400<br>(1601-2000)                        |                                  |                           |                                  |                        |                             |                     | 0.01500        |
| All the rest<br>(2001 and above)                   |                                  |                           |                                  |                        |                             |                     | 0.03000        |

\***Chargeable Capacity:** The Contractual capacity (CC) of the supply

\*\* ETMEAR: Special Duty of Greenhouse Gas Emissions Reduction

### Clarifications

- **The Residential Night Tariff Γ1N applies to** a 4-month period (120 days). If the meter reading concerns a different period, then the consumption tiers, the fixed fee and the minimum charge are calculated proportionally, using the coefficient  $A = \text{billing days} / 120 \text{ days}$ .
- Based on the regulatory framework as in force, PPC along with the electricity bills collects fees and taxes (VAT, Excise Duty and 5 ‰ Special Levy) and charges payable to third parties (Municipal Taxes and Duties, ERT fee [the Hellenic Broadcasting Corporation Societe Anonyme] and Real Estate Municipal Tax), as defined by the State.

<sup>2</sup> Effective term of charges: Transmission System from 1.8.2021, Distribution Network from 1.4.2020, Other Charges from 01.12.2016, Special Duty of Greenhouse Gas Emissions Reduction (ETMEAR) from 1.1.2019 & Services of General Interest (SGI) from 3.12.2019.