



# **Industrial Use Tariffs**

**Codes 25, 26, 27, 70, 71, 72, 73, 74, 75 and 83**

## Tariffs for Industrial Use

Tariffs for **Industrial Use** are applicable to classes of customers whose economic activities are defined by the Statistical Codes of Economic Activities (NACE code of the European Union), employed by EAC, as Industrial.

In such activities, the use of electricity is for the purpose of electromotive power or electrochemical or electrothermal processes in factories, workshops, foundries, mills, pumping stations or other industrial installations.

For the purpose of these tariffs, in case a question arises, whether the electricity supply is intended for any of the above mentioned purposes, EAC shall decide on the matter and its decision shall be final.

These tariffs are not applicable to electricity supplies for stand-by purposes.

## BI-MONTHLY LOW VOLTAGE INDUSTRIAL USE TARIFFS

These tariffs are applicable to Low Voltage electricity supplies, where the approved Load Entitlement of the customer's premises does not exceed 70KVA (100A 3-ph).

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### Bi-monthly Low Voltage Single Rate Industrial Use Tariff (Code 25)

The bi-monthly charges, at the basic price of €200M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:

	Single Phase Supply	Three Phase Supply
Fixed charge	€3,60	€4,33
Per unit (KWh) charge	12,06 cent	12,06 cent

### Fuel Adjustment Clause

In each bi-monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the bi-monthly period, based on the purchase price of fuel.

- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

## **Bi-monthly Low Voltage Two Rate Industrial Use Tariff (Code 26)**

The bi-monthly charges, at the basic price of €200/M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:

Fixed charge	€4,33
Per unit (KWh) charge during Off-peak Periods (23:00- 7:00)	6,49 cent
Per unit (KWh) charge at all other Periods (7:00 - 23:00)	13,57 cent

### **Fuel Adjustment Clause**

In each bi-monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the bi-monthly period, based on the purchase price of fuel.

- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

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## **Bi-monthly Low Voltage Two Rate Industrial Use Tariff (Code 27)**

The bi-monthly charges, at the basic price of €200/M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:

Fixed charge	€4,33
Per unit (KWh) charge during Peak Periods	28,18 cent
Per unit (KWh) charge at all other Periods	9,63 cent

### **Fuel Adjustment Clause**

In each bi-monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the bi-monthly period, based on the purchase price of fuel.

- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

## MONTHLY LOW VOLTAGE MAXIMUM DEMAND INDUSTRIAL USE TARIFFS

These tariffs are applicable to Low Voltage electricity supplies,  
where the approved Load Entitlement of the customer's premises  
exceeds 70KVA (100A 3-ph).

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### Monthly Low Voltage Seasonal Maximum Demand Industrial Use Tariff (Code 70)

The monthly charges, at the basic price of €200/M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:

Fixed charge €46,19

For every KVA of Maximum Demand charge (00:00-24:00) of each of the following months:

- June, July, August and September €5,96
- October until May inclusive €3,27

and

Per unit (KWh) charge for every month:

- For the first 200 units per KVA of Monthly Maximum Demand 10,51 cent
- For every additional unit 9,51 cent

### Fuel Adjustment Clause

In each monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the monthly period, based on the purchase price of fuel.

- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

## Monthly Low Voltage Maximum Demand Single Rate Industrial Use Tariff (Code 71)

The monthly charges, at the basic price of €200/M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:

Fixed charge	€9,72		
	Monthly Load Factor (LF)		
	0-30%	31-60%	61-100%
For every KVA of the Monthly Maximum Demand charge (00:00-24:00), depending on the Monthly Load Factor	€10,35	€11,51	€13,99
Per unit (KWh) charge, depending on the Monthly Load Factor	8,59 cent	8,07 cent	7,52 cent

### Fuel Adjustment Clause

In each monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the monthly period, based on the purchase price of fuel.

- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

## Monthly Low Voltage Maximum Demand Two Rate Industrial Use Tariff (Code 72)

The monthly charges, at the basic price of €200/M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:

Fixed charge	€11,66		
	<b>Monthly Load Factor (LF)</b>		
	<b>0-30%</b>	<b>0-30%</b>	<b>0-30%</b>
For every KVA of the Monthly Maximum Demand charge recorded during Normal Periods (7:00-23:00), depending on the Monthly Load Factor	€10,35	€11,51	€13,94
Per unit (KWh) charge during Normal Periods (7:00-23:00), depending on the Monthly Load Factor	9,13 cent	8,40 cent	7,60 cent
Per unit (KWh) charge during Off-peak Periods (23:00-7:00)	7,27 cent	7,27 cent	7,27 cent

### Fuel Adjustment Clause

In each monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the monthly period, based on the purchase price of fuel.

- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

## MONTHLY MEDIUM VOLTAGE MAXIMUM DEMAND INDUSTRIAL USE TARIFFS

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### Monthly Medium Voltage Maximum Demand Three-Rate Industrial Use Tariff (Code 73)

The monthly charges, at the basic price of €200/M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:

Fixed charge	€23,09		
	<b>Monthly Load Factor (LF)</b>		
	<b>0-30%</b>	<b>31-60%</b>	<b>61-100%</b>
For every KVA of the Monthly Maximum Demand charge recorded during Peak Periods, depending on the Monthly Load Factor	€11,56	€13,40	€14,57
For every KVA of the Monthly Maximum Demand charge recorded during Intermediate Periods, depending on the Monthly Load Factor	€1,13	€1,64	€3,88
Per unit (KWh) charge during Peak Periods, depending on the Monthly Load Factor	11,52 cent	9,01 cent	8,19 cent
Per unit (KWh) charge during Intermediate Periods, depending on the Monthly Load Factor	8,82 cent	8,30 cent	7,48 cent
Per unit (KWh) charge during Off-peak Periods	7,23 cent	7,23 cent	7,23 cent

#### Fuel Adjustment Clause

In each monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the monthly period, based on the purchase price of fuel.

- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

## Monthly Medium Voltage Seasonal Maximum Demand Industrial Use Tariff (Code 74)

The monthly charges, at the basic price of €200/M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:

Fixed charge €125,12

For every KVA of Maximum Demand charge (00:00-24:00) of each of the following months:

- June, July, August and September €5,00
- October until May inclusive €2,30

and

Per unit (KWh) charge for every month:

- For the first 200 units per KVA of Monthly Maximum Demand 10,22 cent
- For every additional unit 9,26 cent

### Fuel Adjustment Clause

In each monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the monthly period, based on the purchase price of fuel.

- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

## **Monthly Medium Voltage Seasonal Maximum Demand Two-Rate Industrial Use Tariff (Code 75)**

This tariff is applicable provided EAC shall be reasonably satisfied that the customer's Maximum Demand during Peak Periods, as defined in paragraph 5.0 does not exceed 75% of the "Chargeable Maximum Demand" as defined in paragraph 4.0 and the Load Factor in the month of account, as defined in paragraph 7.0, shall not be less than 40%.

### **1.0 The monthly charges, at the basic price of €200/M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:**

Fixed charge	€125,12
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For every KVA of the chargeable Maximum Demand of each of the following months:

- |                                    |       |
|------------------------------------|-------|
| • June, July, August and September | €5,00 |
| • October until May included       | €2,30 |

Had the conditions of paragraph 5.0 been fulfilled, a rebate of €2,70 for every KVA of peak reduction in the Maximum Demand (difference of recorded Maximum Demand during Intermediate and Peak Periods) shall be made.

and

Per unit (KWh) charge during Periods other than Off-peak Periods (07.00-23.00):

- |  |            |
|--|------------|
| • For the first 200 units per KVA of the Monthly Chargeable Maximum Demand | 10,22 cent |
| • For the next 100 units per KVA of the Monthly Chargeable Maximum Demand  | 9,26 cent  |
| • For each additional unit (KWh)   | 7,11 cent  |

Per unit (KWh) charge during Off-peak Periods (23:00 - 07:00)

- |                       |           |
|-----------------------|-----------|
| • For each unit (KWh) | 6,20 cent |
|-----------------------|-----------|

### **2.0. Fuel Adjustment Clause**

In each monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the monthly period, based on the purchase price of fuel.

### **3.0. Maximum Demand reduction during Peak Periods**

The customer's Maximum Demand during Peak Periods, as defined in paragraph 5.0 shall not exceed 75% of the Chargeable Maximum Demand, as defined in paragraph 4.0.

#### **4.0. Chargeable Maximum Demand**

The Chargeable Maximum Demand for each month of account shall be the Maximum Demand recorded during Intermediate Periods or other Periods, as defined by EAC from time to time at its absolute discretion.

#### **5.0. Rebate for Maximum Demand reduction during Peak Periods**

A rebate shall be made for every KVA of Maximum Demand recorded during Peak Periods, provided this is 75% or less of the Chargeable Maximum Demand (paragraph 4.0) and the Load Factor is not less than 40% (paragraph 7.0).

The Peak Periods are determined by EAC from time to time at its absolute discretion and are based on the System Load Curve. At present the Peak Periods are as follows:

Months: June, July, August, September

Days: Monday to Friday inclusive

Hours: 09:00-17:00 inclusive

#### **6.0. Off-peak Periods**

The Off-peak Periods are determined by EAC from time to time at its absolute discretion and are based on the System Load Curve. At present, the Off-peak Periods are the hours between 23:00-07:00.

#### **7.0. Load Factor**

The Load Factor is calculated on the basis of the total units (KWh) recorded in the month of account during Intermediate and Peak Periods and the Chargeable Maximum Demand recorded, using the following formula:

$$\text{Load Factor} = \frac{A}{B \times C \times 24 \times D}$$

where A = Total units (KWh) recorded in the month of account during Intermediate and Peak Periods

B = Chargeable Maximum Demand (KVA)

C = Number of days in the month of account

D = Power Factor

The power factor is the quotient of the total active energy consumption (KWh) divided by the total apparent energy consumption (KVAh) in the month of account.

#### **8.0. This tariff is applicable for each month of account only if:**

- (a) the Load Factor during the month of account, as defined in paragraph 7.0 above, is not less than 40%
- (b) the customer's Maximum Demand (KVA) during Peak Periods does not exceed 75% of the Maximum Demand recorded during Intermediate Periods
- (c) the customer bears the total cost of providing and installing the necessary special metering equipment

- 9.0.** If, in any month of account, the Load Factor, as defined in paragraph 7.0 above, is less than 40% and/or the customer's Maximum Demand (KVA) during Peak Period, exceeds 75% of the Maximum Demand recorded during Intermediate Periods, then the customer shall be billed according to Tariff code 74 (Monthly Medium Voltage Seasonal Maximum Demand Industrial Use Tariff).
- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

## MONTHLY HIGH VOLTAGE MAXIMUM DEMAND INDUSTRIAL USE TARIFFS

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### Monthly High Voltage Maximum Demand Three-Rate Industrial Use Tariff (Code 83)

The monthly charges, at the basic price of €200/M.T. of fuel cost, for the supply of electricity based on this tariff, are given below:

Fixed charge	€23,79
For every KVA of the Monthly Maximum Demand recorded during Peak Periods	€9,97
For every KVA of the Monthly Maximum Demand recorded during Intermediate Periods	€3,31
Per unit (KWh) charge during Peak Periods	8,24 cent
Per unit (KWh) charge during Intermediate Periods	7,70 cent
Per unit (KWh) charge during Off-peak Periods	7,25 cent

### Fuel Adjustment Clause

In each monthly period, the price of unit (KWh) charged shall be increased or decreased by the value of the Coefficient of Fuel Adjustment currently in force, for every 5 cent increase or decrease in the basic price of €200 per metric tonne of fuel cost, which cost shall be defined by EAC for the monthly period, based on the purchase price of fuel.

- ❖ The contents of the referred Definitions and Notes are applicable and constitute integral part of the tariff.

## DEFINITIONS

**“Bi-monthly Period”**, where the meter readings are taken bi-monthly, means the period from the commencement of the supply to the first routine meter reading, or the period from one such reading to the next, or the period from one such reading to the termination of the supply on any particular tariff, as the case may be. Where meter readings are taken once every four months, the bi-monthly consumption will be estimated.

**“Monthly Period”**, where the meter readings are taken monthly, means the period from the commencement of supply to the first routine meter reading, or the period from one such reading to the next, or the period from one such reading to the termination of supply on any particular tariff as the case may be. For the purposes of assessing the Maximum Demand charges in the Monthly Maximum Demand Tariffs, each month shall be deemed to be the period between the meter readings closest to the first day and last day of that month.

**“Off-peak Periods”** are the periods, which shall be determined from time to time by EAC at its absolute discretion and based on the System Load Curve. For the time being, Off-peak Periods are between 23:00 hrs and 7:00 hrs.

**“Peak Periods”** are the periods, which shall be determined from time to time by EAC at its absolute discretion and based on the System Load Curve. For the time being, Peak Periods are:

June to September inclusive, from 09:00 hrs to 17:00 hrs, Monday to Friday inclusive.

**“Intermediate Periods”** are all other periods except Off-peak and Peak Periods.

**“Normal Periods”** are the periods between 07:00hrs to 23:00 hrs.

**“Monthly Load Factor” (LF)** is the average load expressed as a percentage of the peak load. It is calculated as the ratio of the total Energy Consumption recorded during the month and the Maximum Demand measured in KVA as follows:

$$LF = \frac{\text{Energy Consumption of the Month (KWh)}}{\text{Maximum Demand (KVA) x Hours of the Month x Power Factor}}$$

**“Power Factor”** is the quotient of the total Active Energy Consumption (KWh) divided by the total Apparent Energy Consumption (KVAh).

**“Cost of fuel per metric tonne”** means the average cost of fuel during the period coinciding with or preceding the period of consumption, as defined by EAC.

**“Kilowatt of Maximum Demand” (KW)** means the highest Maximum Demand recorded in KW during the month of account. However, Kilovoltampere of Maximum Demand is the recorded KW of Maximum Demand with either a power factor of unity or divided by the average monthly power factor, in cases of lagging power factor.

**“Kilovoltampere of Maximum Demand” (KVA)** means the highest Maximum Demand recorded in KVA during the month of account.

**“Unit”** means one kilowatt-hour (KWh).

**“Low Voltage”** means supply of electricity metered at 500 volt or less.

**“Medium Voltage”** means supply of electricity metered at 11.000 volt up to 66.000 volt.

**“High Voltage”** means supply of electricity metered at 66.000 volt or more.

## NOTES

- (1) The Coefficient of Fuel Adjustment is currently 0,00140 cent.
- (2) In the case of premises with more than one occupier/customer, where a separate point of supply is provided for each occupier/customer, EAC shall charge for each point of supply separately.
- (3) When more than one point of supply is provided to a customer, EAC has the authority and right to apply the appropriate tariff to each point of supply.
- (4) Where to a point of supply, more than one tariff might be applicable, the customers are entitled, once a year, to change their existing tariff to another alternative tariff, which may be applicable. A written notice (application) to that effect is required to be given to EAC before the 30th of November. The new tariff, so chosen, shall become effective as from the first billing period after the 31st of December of the year during which the notice was given.

During 2009, there will be a special provision for those customers wishing to choose one of the Monthly Seasonal Maximum Demand Industrial Use Tariffs with codes 70 (Low Voltage), 74 and 75 (Medium Voltage). If their application for tariff change to (existing customers) or choosing (new customers) tariff codes 70, 74 or 75 is for the first time during 2009, then the implementation date for tariff change or choosing one of those tariffs will be immediately after the application and not after the 31st of December, as mentioned above.

EAC has the right to decide which of the tariffs are applicable to any point of supply and any type of use.

- (5) For existing customers terminating their supply before the expiration of the normal billing period, as well as for new customers with regard to the first billing period, the Fixed Charges and Maximum Demand charges shall be calculated in proportion to the number of days during which the supply was provided.
- (6) Industrial Use customers, with an approved Load Entitlement of 70KVA (100A 3-ph), can choose instead of one of the Bi-monthly Low Voltage Tariffs with tariff codes 25, 26 and 27, one of the Monthly Low Voltage Maximum Demand Tariffs with tariff codes 70, 71 and 72. For those customers wishing to do so, there will be a special provision during 2009. If their application for tariff change or choosing one of those tariffs is for the first time during 2009, then the implementation date in doing so will be immediately after the application and not after the 31<sup>st</sup> of December of the year during which the notice (application) was given, as mentioned in paragraph (4) above.
- (7) Commercial Use customers, classified under the category of “Cold Stores”, that are in rural areas, use electricity for the purpose of storage and preservation of fruits, are on a monthly tariff (codes 61, 62 and 63) and wishing to change to (existing customers) or choose (new customers) tariff code 60 (Low Voltage) or 64 (Medium Voltage), can alternatively choose one of the corresponding Industrial Use Tariffs with tariff codes 70 (Low Voltage) or 74 (Medium Voltage).