

## GNI Distribution Tariffs for Gas Year 2022/23

The following charges for standard service on the GNI Distribution System will apply from the 1<sup>st</sup> of October 2022 to the 30<sup>th</sup> of September 2023. These charges have been prepared by the Commission for Regulation of Utilities (“CRU”) as outlined in the CRU decision as at the 3<sup>rd</sup> of June 2022 (CRU/202248).

In order to avoid anomalies between similar type users (i.e. eliminate extreme discrete differences), a set of regression formulae have been developed in order to return the requisite revenue from the 2022/23 market capacities and volumes. The tables below illustrate the distribution tariff charges for 2022/23 as they pertain to the various market categories.

### Capacity Charges

| Category by Annual Quantity        | Capacity Charge (c/pk day kWh)          |
|------------------------------------|---|
| $\leq 73$ MWh                      | 158.1301                                |
| $> 73$ MWh - $\leq 14,653$ MWh     | $139.9834 - 4.0695 * \ln(\text{MDQ})^*$ |
| $> 14,653$ MWh - $\leq 57,500$ MWh | $349.7290 - 50.1863 * \ln(\text{MDQ})$  |
| $> 57,500$ MWh                     | 43.1277                                 |

### Commodity Charges

| Category by Annual Quantity        | Commodity Charge (c/kWh)            |
|------------------------------------|-------------------------------------|
| $\leq 73$ MWh                      | 0.3615                              |
| $> 73$ MWh - $\leq 14,653$ MWh     | $0.2888 - 0.0281 * \ln(\text{MDQ})$ |
| $> 14,653$ MWh - $\leq 57,500$ MWh | $0.3365 - 0.0444 * \ln(\text{MDQ})$ |
| $> 57,500$ MWh                     | 0.0658                              |

The capacity and commodity unit charges are determined by inserting the Maximum Daily Quantity into the relevant formulae (MDQ measured in MWh). The result of the formulae are in terms of c/peak day kWh and c/kWh respectively.

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\* Ln(MDQ) is the natural logarithm of the Max Daily Quantity (measured in MWh)

### Worked Examples:

#### Example 1

Customer Annual Quantity - 50 MWh

Customer Maximum Daily Quantity - 0.37 MWh

Commodity Charge applicable: 0.3615 c/kWh

Annual Commodity Revenue: 50,000 (kWh) x 0.3615 / 100 = €180.77

Capacity Charge applicable: 158.1301 c/pk day kWh

Annual Capacity Revenue: 370 (kWh) x 158.1301/ 100 = €585.08

Total Annual Revenue = €765.85

#### Example 2

Customer Annual Quantity - 10,000 MWh

Customer Maximum Daily Quantity - 54.79 MWh

Commodity Charge applicable:  $0.2888 - 0.0281 \times \ln(54.79) = 0.1764$  c/kWh

Annual Commodity Revenue: 10,000,000 (kWh) x 0.1764 / 100 = €17,641.15

Capacity Charge applicable:  $139.9834 - 4.0695 \times \ln(54.79) = 123.6910$  c/pk day kWh

Annual Capacity Revenue: 54,790 (kWh) x 123.6910 /100 = €67,770.27

Total Annual Revenue = €85,411.43

#### Example 3

Customer Annual Quantity - 40,000 MWh

Customer Maximum Daily Quantity - 182.65 MWh

Commodity Charge applicable:  $0.3365 - 0.0444 \times \ln(182.65) = 0.1055$  c/kWh

Annual Commodity Revenue: 40,000,000 (kWh) x 0.1055/ 100 = €42,194.03

Capacity Charge applicable:  $349.7290 - 50.1863 \times \ln(182.65) = 88.3801$  c/pk day kWh

Annual Capacity Revenue: 182,650 (kWh) x 88.3801 / 100 = €161,426.18

Total Annual Revenue = €203,620.22

#### Example 4

Customer Annual Quantity - 80,000 MWh

Customer Maximum Daily Quantity - 313.11 MWh

Commodity Charge applicable: 0.0658 c/kWh

Annual Commodity Revenue:  $80,000,000 \text{ (kWh)} \times 0.0658 / 100 = \text{€}52,648.80$

Capacity Charge applicable: 43.1277 c/pk day kWh

Annual Capacity Revenue:  $313,110 \text{ (kWh)} \times 43.1277 / 100 = \text{€}135,037.28$

Total Annual Revenue = €187,686.08