

BGE Distribution Tariffs for Gas Year 2002/2003

The following distribution charges apply to all gas customers with annual volume up to 146,535 MWh (5m therms) in relation to standard gas distribution network services. These charges will apply from October 1st, 2002 and are valid until September 30th, 2003. The charges have been determined based on directives issued by the Commission for Energy Regulation (CER) on September 27th, 2002.

The tariff charges for individual sites are determined through use of the following set of formulae for both capacity and commodity charges.

Capacity

Volume Range	Capacity charge (c/pk day kWh)
0-73 MWh	114.33
>73 – 14,653 MWh	$101.21 - 2.942 \text{Ln}(\text{PDV}[\text{MWh}])$
>14,653 – 146,535 MWh	$252.86 - 36.285 \text{Ln}(\text{PDV}[\text{MWh}])$

Commodity

Volume Range	Commodity Charge (c/kWh)
0-73 MWh	0.243
>73 – 14,653 MWh	$0.1942 - 0.0188 \text{Ln}(\text{PDV}[\text{MWh}])$
>14,653 – 146,535 MWh	$0.2264 - 0.0297 \text{Ln}(\text{PDV}[\text{MWh}])$

Note: Ln (PDV [MWh]) denotes the natural logarithm of the Peak Day Volume (Maximum Daily Quantity) measured in MWh.

The solution of the capacity and commodity formulae, for individual PDV's measured in MWh, results in a unit capacity charge measured in c/pk day kWh, and a unit commodity charge measured in c/kWh respectively (see below for a worked example).

BGE will publish tariff calculations on this site as soon as possible. BGE will also be hosting an information session to detail these calculations. A date and venue will be posted to this site shortly.

Worked Example:

Customer data: Annual Volume – 50,000 MWh, Peak Day Volume – 273.97 MWh

Applicable formulae: $252.86 - 36.285 \text{Ln}(\text{PDV} [\text{MWh}])$ & $0.2264 - 0.0297 \text{Ln}(\text{PDV} [\text{MWh}])$

Capacity Charge: $252.86 - 36.285 \times \text{Ln} (273.97) = 49.1916 \text{ c / pk day kWh}$

Commodity Charge: $0.2264 - 0.0297 \times \text{Ln} (273.97) = 0.059693 \text{ c / kWh}$

Annual Capacity (€): $49.1916 \times 273,970/100 = \text{€}134,770$

Annual Commodity (€): $0.059693 \times 50,000,000/100 = \text{€}29,847$

Total Annual Distribution Charges (€): $\text{€}134,771 + \text{€}29,847 = \text{€}164,617$