

Example for calculating the total unit price (per kWh)

In calculating the total unit price (per kWh), the unit price based on a fuel price of €300 per Metric Tonne (M.T.) is added to the Fuel Cost Adjustment, which arises from any increase or decrease in the cost of fuel, as determined by the Fuel Adjustment Clause.

The following example shows how the adjusted unit price (per kWh) is calculated.

In accordance with the Fuel Adjustment Clause, the unit price (kWh) will increase or decrease by €0, 00133 for every 5 cents increase or decrease in the basic fuel cost of €300/ Metric Tonne.

The following example shows how the total unit price (per kWh) was calculated for the Single Rate Tariff for Domestic Use (Code 05) and for the Two Rate Tariff for Domestic Use (Code 06) for **January 2012**.

For bimonthly bills for January 2012, the Weighted Average Fuel Price was €517 per M.T.

This price was €217 (€517 - €300) higher than €300 or 21700 cents higher than €300.

Consequently, the Fuel Cost Adjustment per unit (per kWh) on bimonthly bills in January 2012 was = $\frac{21700}{5} \times 0,00133 = 5,7722$ cent.

This adjustment (5,7722 cents) was then added to the basic per unit prices (per kWh) on bimonthly bills which correspond to a current fuel price of €300 per M.T., **in order to calculate the corresponding total unit price (kWh) for January 2012**,

e.g. the Single Rate Tariff for Domestic Use (Code 05) for January 2012 was adjusted as follows:

Per Unit Charge				Fixed Charge based on total consumption	
Units	Basic price in cents per kWh	Fuel Adjustment Charge in cents per kWh	Total price in cents per kWh	Total Units	€/2 months
First 120 units	13,71	5,7722	19,4822	0-120	2,28
Next 200 units	14,53	5,7722	20,3022	121-320	2,35
Next 180 units	14,98	5,7722	20,7522	321-500	3,86
Next 500 units	15,41	5,7722	21,1822	501-1000	5,87
Additional units	15,58	5,7722	21,3522	1001+	7,39

Similarly, the Two Rate Tariff for Domestic Use (Code 06) for January 2012 was adjusted as follows:

(i)	Fixed bimonthly charge	€4,94		
		Basic price in cents per kWh	Fuel Cost Adjustment in cents per kWh	Total price in cents per kWh
(ii)	Per unit charge during off-peak hours (23:00-7:00)	9,33	5,7722	15,1022
	Per unit charge during peak hours (7:00-23:00)	16,05	5,7722	21,8222

In the same way, the Fuel Adjustment Charge is added to the basic per unit prices (kWh) and other charges in order to calculate the total unit cost (per kWh) for each tariff.