Wholesale Tariff (T-W) for Year 2019 & Methodology for T-W Adjustment with the Weighted Average Fuel Price

The Wholesale Tariff (T-W) concerns electricity selling prices of EAC Generation to EAC Supply and to other Producers or Suppliers at the Basic Fuel Price (€300/Metric Ton).

CERA DECISION 5/2019 **Wholesale Tariff (T-W) for Year 2019 (€cent/Sent Out kWh) at the Basic Fuel Price (€300/Metric Ton)**		
Period	**Summer** (1 June – 30 Sep.)	
	Weekday	Weekend /Holidays
Peak Hours (09:00 - 23:00)	14,20	8,89
Off Peak Hours – All Days (23:00 – 09:00)	8,62	8,41
Period	**Other Seasons** (1 Jan. – 31 May / 1 Oct. - 31 Dec.)	
	Weekday	Weekend /Holidays
Period Hours (16:00 - 23:00)	8,99	8,63
Off Peak Hours – All Days (23:00 – 16:00)	8,06	7,66

Methodology of T-W Adjustment with the Weighted Average Fuel Price

The Wholesale Tariff (T-W) is adjusted based on the Weighted Average Fuel Price, which is announced by EAC every month, and the Fuel Adjustment Coefficient for Customers at the High Voltage, which is approved by CERA every 6 months adjusted with the loss adjustment factor at high voltage for each month. The Weighted Average Fuel Price of each month is presented at EAC's website at the following address:
https://www.eac.com.cy/EL/CustomerService/Tariffs/Pages/FuelCost.aspx
The approved Fuel Adjustment Coefficient at High voltage and the monthly loss adjustment factor at high voltage as set by CERA's decision (No.173/2017) is shown at the table below.

Specifically, the Adjusted T-W at a particular hour equals with the T-W at the Basic Fuel Price (i.e. with fuel cost 300€/MT) adjusted by the product of the difference between the Weighted Average Fuel Price and the Basic Fuel Price times the approved Fuel Adjustment Coefficient for Customers at the High Voltage, which applies for that particular month divided by the loss adjustment factor at high voltage (i.e multiplied with the modified Fuel Adjustment Coefficient at High Voltage for Customers).

Example 1: Pricing for January 2019, at Weekday Off Peak Hours (e.g. at 13:00)

For the Off Peak Hour of a Weekday of January 2019 (e.g. at 13:00) the approved Fuel Adjustment Coefficient for Customers at the High Voltage adjusted with the loss adjustment factor at high voltage by the equals to 0,00023722/(1+0,0175)= 0,00023314 M.Tones/kWh (0,23314 M.Tones/MWh). If say, the Weighted Average Fuel Price for January equals to 439,15€/M.Ton and the Basic T-W equals to 80,60€/MWh (or 8,06€cent/Kwh).

Adjusted T-W =
T-W at the Basic Fuel Price (see above table) + (439,15-300) * 0,23314 =
80,6 + 32,44 = 113,04€/MWh or 11,304 €cent/Kwh

Example 2: Pricing for a holiday in January 2019 at Peak Hours (e.g. at 18:00)

For Intermediate Period Hours of a holiday in January 2019 (e.g. at 18:00) the approved Fuel Adjustment Coefficient for Customers at the High Voltage equals with 0,00023722/(1+0,0175) = 0,00023314 M.Tones/kWh (0,23065 M.Tones/MWh).
If say, the Weighted Average Fuel Price for January 2019 equals to 439,15€/M.Ton and the Basic T-W equals to 86,3€/MWh (or 8,63€cent/Kwh).

Adjusted T-W =
T-W at the Basic Fuel Price (see above table) + (439,15-300) * 0,23314=
86,3 + 32,44 = 118,74€/MWh or 11,874 €cent/Kwh