

Wholesale Tariff (T-W) for Year 2021 & 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).

Based on CERA's decision 01/ 2022, the T-W tariff applicable for 2021, which has been approved as part of CERA's decision 15/2021 "Required Income and Regulated Electricity Tariffs for the year 2021" **will remain in force** for the year 2022.

CERA DECISION 015/2021		
Wholesale Tariff (T-W) for Year 2021 (€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)	12,94	8,10
Off Peak Hours – All Days (23:00 – 09:00)	7,86	7,67
Period	Other Seasons (1 Jan. – 31 May / 1 Oct. - 31 Dec.)	
	Weekday	Weekend /Holidays
Peak Hours (16:00 - 23:00)	8,19	7,87
Off Peak Hours – All Days (23:00 – 16:00)	7,34	6,98

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.423/2020) 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 2021, at Weekday Off Peak Hours (e.g. at 13:00)

For the Off Peak Hour of a Weekday of January 2021 (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 equals to
 $0,00022058/(1+0,0121) = 0,00021794$ M.Tons/kWh

If say, the Weighted Average Fuel Price for January equals to 376,47€/M.Ton and the Basic T-W equals to 7,34 €cent/kWh then:

Adjusted T-W = T-W at the Basic Fuel Price (see above table) +
 $(376,47-300) * 0,00021794 = €0,0167/\text{kWh}$

$7,34 + 1,67 = 9,01€\text{cent}/\text{kWh}$

Example 2: Pricing for a Weekend in January 2021 at Peak Hours (e.g. at 18:00):

For Intermediate Period Hours of a Weekend in January 2021 (e.g. at 18:00) the approved Fuel Adjustment Coefficient for Customers at the High Voltage equals to
 $0,00022058/(1+0,0121) = 0,00021794$ M.Tons/kWh.

If say, the Weighted Average Fuel Price for January 2021 equals to 376,47€/M.Ton and the Basic T-W equals to 7,87 €cent/kWh then:

Adjusted T-W = T-W at the Basic Fuel Price (see above table)+
 $(376,47-300) * 0,00021794$

$7,87 + 1,67 = 9,54€\text{cent}/\text{kWh}$

