

ERZ Fernwärme tariff

District heating tariff system 2000 – January 2024 edition

Structure of the ERZ Fernwärme tariff

The 2000 tariff system now only applies to expiring heat supply contracts. The tariff is made up of the energy charge P_1 and the capacity charge P_2 . The energy charge is linked to the oil price in order to meet the purchased quantity of heat and the fuel-dependent costs, while the capacity charge depends on the subscribed maximum heating capacity and covers operating costs that are independent of fuel. Under this tariff, the previous connection fee is no longer relevant because new connections are transacted exclusively under the 2022 tariff system.

Energy charge P_1 (CHF/MWh excl. ETS contribution and VAT)

$P_{oil} = 30 - 45$ CHF/100 litres (1):

$$P_1 = 1.40 \times P_{oil}$$

$P_{oil} < 30$ CHF/100 litres (2):

$$P_1 = 1.40 \times 30 \text{ CHF/100l} - (30 \text{ CHF/100l} - P_{oil}) \times 0.5$$

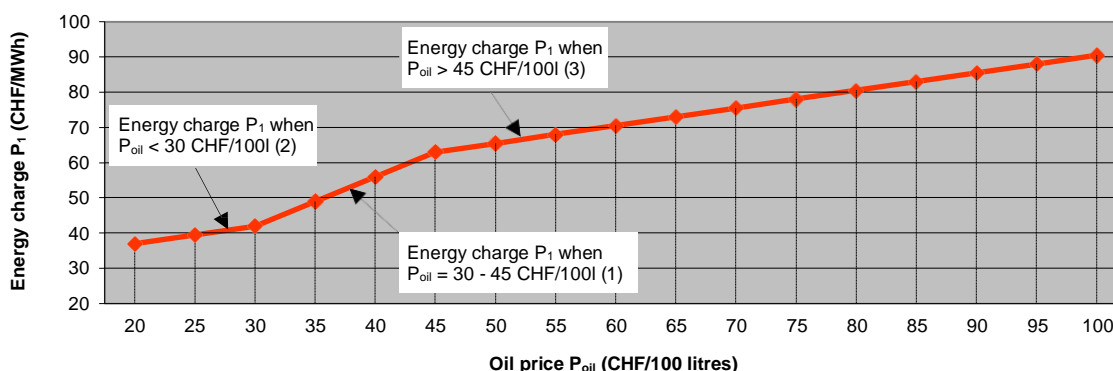
$P_{oil} > 45$ CHF/100 litres (3):

$$P_1 = 1.40 \times 45 \text{ CHF/100l} + (P_{oil} - 45 \text{ CHF/100l}) \times 0.5$$

Capacity charge P_2 (CHF/year)

$$P_2 = F \times \sqrt{L} \quad \text{plus VAT}$$

Graph of energy charge P_1 at different oil prices



Notes

P_{oil} The arithmetic mean of the prices in CHF per 100 litres of extra-light heating oil (excl. VAT and ETS contribution) published monthly during a billing period for deliveries in quantities of 6,001–9,000 litres.
Source: City of Zurich statistics.

P_1 1.40 = energy charge factor for basic oil price in CHF/100 litres
0.5 = attenuation factor according to the multi-year waste-to-heat component

F The capacity charge factor (basic charge dependent on fixed costs) relates to the National Consumer Price Index (baseline: May 2000 = 100). The base factor is 9,800 with respect to the October 2000 value of 100.6 points.
Index value in November 2023: 114.2 points. This gives a factor of 11,125. On 1 January each year, ERZ can adjust the capacity charge factor in line with inflation according to the index value from November of the previous year.

L Subscribed capacity in MW

ETS contribution: The costs for participating in the emissions trading system (ETS) and for acquiring the necessary CO₂ certificates are billed annually via the specific consumption (MWh) per customer.

VAT VAT is charged at the applicable rate.



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