

## Arbeitspreis

$$AP_{FW_{neu}} = AP_0 \times (0,1 \times \frac{\text{Lohn}}{\text{Lohnbasis}} + 0,5 \times \frac{\text{Erdgas}}{\text{Erdgasbasis}} + 0,4 \times \frac{\text{Marktelement}}{\text{Marktelementbasis}})$$

$$AP_{FW_{neu}} = 4,403 \times (0,1 \times \frac{105,4}{99,7} + 0,5 \times \frac{58,31}{14,01} + 0,4 \times \frac{161,6}{101,4}) = 12,435 \text{ ct/kWh}$$

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## CO<sub>2</sub>-Preis

$$EP_{FW_{neu}} = 0,224 \times (1 - Z) \times CO_2 \times \frac{1}{10}$$

$$EP_{FW_{neu}} = 0,224 \times (1 - 0,3) \times 90,76 \times \frac{1}{10} = 1,423 \text{ ct/kWh}$$

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## Grundpreis

$$GP_{FW_{neu}} = GP_0 \times (0,5 \times \frac{\text{Lohn}}{\text{Lohnbasis}} + 0,5 \times \frac{\text{Investition}}{\text{Investitionsbasis}})$$

$$GP_{FW_{neu}} = 35,62 \times (0,5 \times \frac{105,4}{99,7} + 0,5 \times \frac{120,9}{105,5}) = 39,24 \text{ €/kWh/Jahr}$$