



Messkonzept Kraftwerk

$$\begin{aligned} \Sigma_{\text{Bilanz}} W^+ &= \text{wenn}((W_{+3.1.1} + W_{+3.1.2}) - W_{+3.3.1} - W_{-3.3.1} - (\Sigma_{\text{Bil./NN}} W^+ + \Sigma_{\text{Bilanz}} W^+) - W_{+3.3.3} - \Sigma_{\text{Bil. PV}} W^+ + \Sigma_{\text{Bil. PV}} W^- > 0; (W_{+3.1.1} + W_{+3.1.2}) - W_{+3.3.1} - W_{-3.3.1} - (\Sigma_{\text{Bil./NN}} W^+ + \Sigma_{\text{Bilanz}} W^+) - W_{+3.3.3} - \Sigma_{\text{Bil. PV}} W^+ + \Sigma_{\text{Bil. PV}} W^-; 0) \\ \Sigma_{\text{Bilanz}} W^- &= \text{wenn}(\Sigma_{\text{Bilanz KSP}} W^+ > 0; (W_{-3.1.1} + W_{-3.1.2}); (W_{-3.1.1} + W_{-3.1.2}) + \text{wenn}((W_{+3.3.1} + (\Sigma_{\text{Bil./NN}} W^+ + \Sigma_{\text{Bilanz}} W^+) + W_{+3.3.3} - (W_{+3.1.1} + W_{+3.1.2})) + \Sigma_{\text{Bil. PV}} W^+ - \Sigma_{\text{Bil. PV}} W^- > 0; W_{+3.3.1} + (\Sigma_{\text{Bil./NN}} W^+ + \Sigma_{\text{Bilanz}} W^+) + W_{+3.3.3} - (W_{+3.1.1} + W_{+3.1.2}) + \Sigma_{\text{Bil. PV}} W^+ - \Sigma_{\text{Bil. PV}} W^- > 0; W_{+3.3.1} + (\Sigma_{\text{Bil./NN}} W^+ + \Sigma_{\text{Bilanz}} W^+) + W_{+3.3.3} - W_{-3.3.1} + \Sigma_{\text{Bil. PV}} W^+ - \Sigma_{\text{Bil. PV}} W^-) \\ \Sigma_{\text{NN}} W^+ &= \text{wenn}((W_{+3.1.1} + W_{+3.1.2}) - (W_{-3.1.1} + W_{-3.1.2}) - W_{+3.3.1} + W_{-3.3.1} - (\Sigma_{\text{Bil./NN}} W^+ + \Sigma_{\text{Bilanz}} W^+) - \Sigma_{\text{Bil. PV}} W^+ + \Sigma_{\text{Bil. PV}} W^- > 0; (W_{+3.1.1} + W_{+3.1.2}) - (W_{-3.1.1} + W_{-3.1.2}) - W_{+3.3.1} + W_{-3.3.1} - (\Sigma_{\text{Bil./NN}} W^+ + \Sigma_{\text{Bilanz}} W^+) - \Sigma_{\text{Bil. PV}} W^+ + \Sigma_{\text{Bil. PV}} W^-; 0) \end{aligned}$$

Messkonzept Battery

$$\begin{aligned} \Sigma_{\text{Bilanz}} W^+ &= W_{+3.3.1} + W_{+3.3.3} & \Sigma_{\text{Bilanz}} W^- &= W_{-3.3.1} \\ \Sigma_{\text{NN}} W^+ &= \text{wenn}((W_{+3.3.1} - W_{-3.3.1} - W_{+3.3.2}) > 0; (W_{+3.3.1} - W_{-3.3.1} - W_{+3.3.2}); 0) & \Sigma_{\text{NN}} W^+ &= W_{+3.3.2} + W_{+3.3.3} \end{aligned}$$

Messkonzept

$$\Sigma_{\text{Bil./NN}} W^+ = W_{+3.5.6}$$

Messkonzept PV-Park

$$\begin{aligned} \Sigma_{\text{Bil. PV}} W^- &= W_{-3.5.7} * (1 - f_{\text{Verluste}}) & f_{\text{Verluste}} &= 0,49 \% \\ \Sigma_{\text{Bil. PV}} W^+ &= W_{+3.5.7} \\ \Sigma_{\text{NN PV}} W^+ &= \text{wenn}(W_{+3.5.7} - W_{-3.5.7} > 0; W_{+3.5.7} - W_{-3.5.7}; 0) \end{aligned}$$

Messkonzept BV

$$\Sigma_{\text{Bilanz}} W^+ = W_{+3.5.1} + W_{+3.5.2} + W_{+3.5.3} + W_{+3.5.4}$$