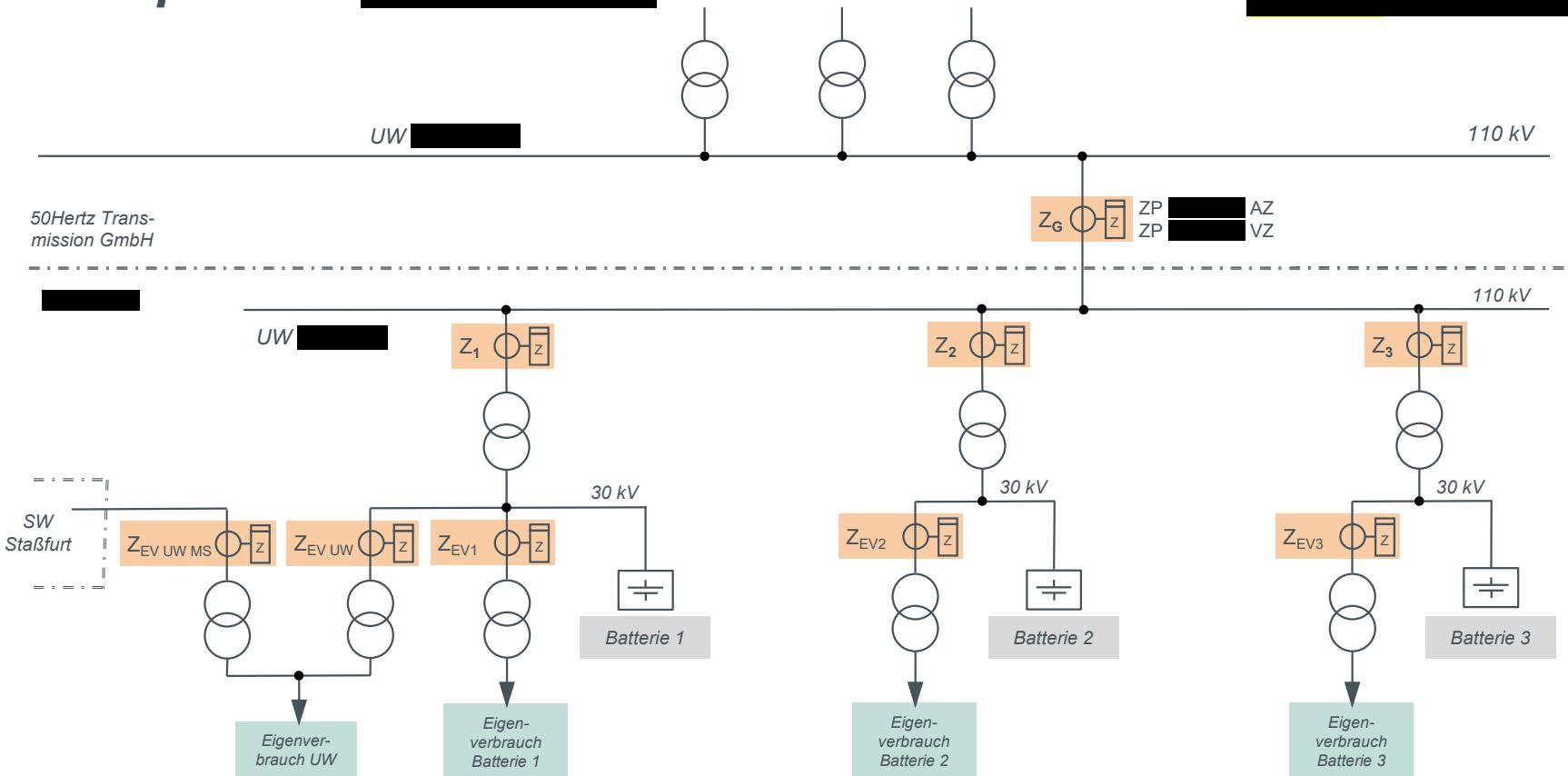


Batteriespeicher

2025



Bilanzielles Messkonzept Batteriespeicher

$$W+_{\text{Batt1 oEV}} = \text{wenn}(W+_{z_1} - (W+_{z_{EV1}} + W+_{z_{EV UW}}) > 0; W+_{z_1} - (W+_{z_{EV1}} + W+_{z_{EV UW}}); 0)$$

$$W+_{\text{Batt2 oEV}} = \text{wenn}(W+_{z_2} - W+_{z_{EV2}} > 0; W+_{z_2} - W+_{z_{EV2}}; 0)$$

$$W+_{\text{Batt3 oEV}} = \text{wenn}(W+_{z_3} - W+_{z_{EV3}} > 0; W+_{z_3} - W+_{z_{EV3}}; 0)$$

$$\sum_{\text{Batt oEV}} W+ = W+_{\text{Batt1 oEV}} + W+_{\text{Batt2 oEV}} + W+_{\text{Batt3 oEV}}$$

$$\Sigma_{\text{EV}} W+ = W+_{z_{EV1}} + W+_{z_{EV UW}} + W+_{z_{EV2}} + W+_{z_{EV3}} \leftarrow \text{bilanzierungs- und NN-abrechnungsrelevant}$$

$$\sum_{\text{LF Verluste}} W+ = \text{wenn}((W+_{z_G} - (\text{wenn}(\sum_{\text{Batt oEV}} W- > W-_{z_G}; \sum_{\text{Batt oEV}} W+ + \sum_{\text{Batt oEV}} W-; \sum_{\text{Batt oEV}} W+) - \sum_{\text{EV}} W+) > 0; (W+_{z_G} - (\text{wenn}(\sum_{\text{Batt oEV}} W- > W-_{z_G}; \sum_{\text{Batt oEV}} W+ + \sum_{\text{Batt oEV}} W-; \sum_{\text{Batt oEV}} W+) - \sum_{\text{EV}} W+); 0) + \text{wenn}((W+_{z_G} - (\text{wenn}(\sum_{\text{Batt oEV}} W- > W-_{z_G}; \sum_{\text{Batt oEV}} W+ + \sum_{\text{Batt oEV}} W-; \sum_{\text{Batt oEV}} W+) - \sum_{\text{EV}} W+) > 0; (W+_{z_G} - (\text{wenn}(\sum_{\text{Batt oEV}} W- > W-_{z_G}; \sum_{\text{Batt oEV}} W+ + \sum_{\text{Batt oEV}} W-; \sum_{\text{Batt oEV}} W+) - \sum_{\text{EV}} W+); 0); (\text{wenn}((\sum_{\text{Batt oEV}} W- - \sum_{\text{EV}} W+ - W-_{z_G}) > 0; (\sum_{\text{Batt oEV}} W- - \sum_{\text{EV}} W+ - W-_{z_G}); 0)); \text{wenn}((\sum_{\text{Batt oEV}} W- - W-_{z_G}) > 0; (\sum_{\text{Batt oEV}} W- - W-_{z_G}); 0)))$$

$$\sum_{\text{NN FOE E18}} W+ = \text{wenn}((W+_{z_G} - W-_{z_G} - \sum_{\text{EV}} W+ > 0; (W+_{z_G} - W-_{z_G} - \sum_{\text{EV}} W+); 0)$$

Anmerkungen: • nur grauhinterlegte Formeln in blauer Schrift sind abrechnungs- bzw. bilanzierungsrelevant.

• $W+$ → Entnahme/Bezug (OBIS 1-1:1.29.0), $W-$ → Einspeisung (OBIS 1-1:2.29.0)

• „oEV“ = ohne Eigenverbrauch/Eigenbedarf, „Bil“ = bilanzierungsrelevant, „NN“ = netznutzungsrelevant