## BTMS-Sizes and $\max P_{Grid}$ for a = 10 $\frac{\$}{kWh}$ 1 charging plug 1 charging plug count $\mu = 263.81 \text{kWh}$ $\mu = 32.65 \text{kW}$ BTMS-Size [kWh] $\max P_{Grid}[kW]$ 2 charging plugs 2 charging plugs count $\mu = 302.08 \text{kWh}$ $\mu = 32.12 \text{kW}$ BTMS-Size [kWh] $\max P_{Grid}[kW]$ 3 charging plugs 3 charging plugs count $\mu = 283.94 \text{kWh}$ $\mu = 40.62 \text{kW}$ BTMS-Size [kWh] $\max P_{Grid}[kW]$ 4 charging plugs 4 charging plugs count $\mu = 293.30 \text{kWh}$ $\mu = 34.96 \mathrm{kW}$ BTMS-Size [kWh] $\max P_{Grid}[kW]$ 5 charging plugs 5 charging plugs

