

Münster Public Bus Line

CUSTOMER	Municipal utility of Münster
LOCATION	Münster, Germany
ENERGY STORAGE SYSTEM	Qcompact M 55 kW / 112 kWh
APPLICATIONS	Peak shaving, increased RE self-consumption
COMMISSIONED	2016



OPPORTUNITY

The municipal utility of Münster, Germany is a regional energy distributor providing electricity, gas, district heating, and drinking water to more than 10,000 households. It also operates the local transport network used by more than 120,000 passengers per day. With the introduction of an entire emission-free bus line, one of its photovoltaic fast-charging stations at the outskirts of Münster required an energy storage system to provide the extra power needed to ensure grid stability during fast charging.

SOLUTION

One charging location is outfitted with a QCompact M Energy Storage System (ESS) of 55 kW and 112 kWh.

RESULTS

Thanks to the energy storage system, the electric power grid is not overloaded when busses are charging. Additionally, the utility can use renewable energy locally, to make electric public transport even more sustainable.

