PQSys - Forschungszentrum Jülich GmbH

Customer Challenge

Measurement of a variety of parameters of the campus' own medium/low voltage network with low measurement tolerance and high accuracy at measurement points distributed on the campus.

Technical solution A. Eberle

Power analyzers of the type PQI-DA smart and PQI-DE in total approx. 120 pcs. are used, with the corresponding software WinPQ for the evaluation of the long-term data and the access via Modbus TCP/IP from the simulation server to keep latency times as low as possible.

Customer:	Industry
Country:	DE
Date:	29.09.2022
Costs:	~ 150.000 € (so far)
Devices:	~120 pcs.

Project Goal

Measurement of load flows in the campus' own medium/low voltage grid to compare simulation calculations of the Institute for Energy and Climate Research with actual load flows in the utility grid and to address various demonstrators such as solar systems, battery storage or V2G charging stations.

Feedback Customer

System configuration runs stable and without problems.

Technical customer support has answered and solved any questions and initial problems encountered so far quickly.