

According to the German law, network operators are obliged to allocate the connection point that leads to the least overall costs. The plant operator may question the assignment of the connection point and may execute his own studies to verify the suitability of alternative connection points. To this end, network operators are obliged to provide all data to the plant operator, which is required to verify the assignment in terms of economics and technical suitability.

M.P.E. supports plant operators in selecting a suitable connection point. For this purpose, we conduct a network study to check the assigned network connection point and possible alternative connection points. Each possible connection point is evaluated to determine whether it is technically suitable and represents the economically optimal point. In a first step we determine different possible connection points. Should it turn out that there is a more favourable option for the plant operator than the assigned connection point, then we prepare a detailed comparison in a second step. We present the findings in a report for submission to the grid operator.

M.P.E. applies its extensive national and international experience in network planning and grid operation at distribution and transmission system level. Our experience shows that in most cases investigated, a much more favourable grid connection point can be found. This is often enough to justify the economic viability of a project.

A selection of the network link point studies carried out is summarized in the following table:

Network area	Power [MW]	Voltage [kV]	Expert assessment for
Albwerk	6,5	20	Project developer
Avacon AG	15,2	15/30	Project developer
Bayernwerk	14,4	20	Project developer
Bayernwerk	10	20	Project developer
ED-Netze	15	20	Project developer
e.dis	7	20	Project developer
Energis	6,6	10/20	Project developer
EON Mitte	12	20	Project developer
EWE	6	20	Project developer
EWE	12,7	20	Project developer
KWK	16,7	20	Project developer
MITNETZ	4,2	20	Court
MITNETZ	12	20	Court
Netze BW	4,2	20	Project developer
Netze BW	7,2	20	Project developer
SW Crailsheim	21	20	Project developer
SW Ansbach	3,6	20	Project developer
Westnetz	3,4	20	Project developer
Westnetz	17,3	20	Project developer
Westnetz	25,8	30	Project developer