

We are planning substations for wind farm operators, municipal utilities and other public grid operators up to a voltage of 400kV.

Due to the takeover of the employee base of the former *IEE engineering office for electrical power supply* in November 2015, we can draw on more than 20 years of experience.

During the phase of planning, we carry out all planning work, from conceptual design and detailed planning to the preparation of specifications for substations and transformers. During the awarding phase, we take over the evaluation of offers, we conduct award negotiations, and we finally make an award recommendation.

In the execution phase, we are at your side as an independent consultant, we carry out final inspections, we supervise the construction on site, and we support during commissioning. Of course, we also take over the entire communication for coordination with the network operator, authorities and all other parties involved.

Currently, M.P.E. realizes about 10 transformer stations per year.

A selection of the projects realized by M.P.E. (and formerly IEE) is listed in the following table:

Project name	Power [MVA]	Voltage level [kV]	Grid operator / area	Application
Alikendorf UW	40	115/31,5	Avacon	Wind
Aschersleben Nord UW	63	110/20	Mitnetz	Wind
Berching UW Oening	50	115/21	E-ON Netz	Wind
Bernburg Stw. UW	80	110/20	Mitnetz	Industry
Biere UW (1. Extension)	40	110/20	Avacon	Wind
Biere UW	40	110/20	Avacon	Wind
Biere West UW	50	110/20	Avacon	Wind
Blockwinkel UW (formerly: Schwaförden)	50	110/20	E-ON Netz	Wind
Burghausen UW (formerly: Münnerstadt)	40	115/21	E-ON Netz	Wind
Burghausen UW Extension	63	115/21	E-ON Netz	Wind
Bützfleth UW	40	110/32,5/6,9	Avacon	Industry
Ciechanów, WP-UW	63	115/21	Energa (Polen)	Wind
Cottbus Ost UW	40	110/20	enviaM	Wind
Cottbus-Halde UW	40	110/20	enviaM	Wind
Diele (Stapelmoor) Wind UW	25	110/30	E-ON Netz	Wind
Drohndorf UW	40	110/20	E.Dis	Wind
Eisenhüttenstadt UW ProPapier	80	110/20	E.Dis	Industry
Eixen UW	25	110/20	E.Dis	Wind
Elm UW	63	115/21	E-ON Netz	Wind
Elster UW	25	110/20	ESSAG Cottbus	-
Freiburg-Elbe (Kajedeich UW+WP)	13	110/20	E-ON Netz	Wind
Genthin UW (formerly: Altenplathow)	40	110/31,5	HSN Magdeburg	Wind
Gerbstedt UW	40	110/20	EnviaM	Wind
Gratze UW (Freudenberg-Beiersdorf)	40	110/20	E.Dis	Wind
Harsleben Süd UW	40	110/30	HSN Magdeburg	Wind
Harsleben UW	40	110/30	Avacon	Wind
Hof-Nord UW	63	110/30	E-ON Netz	Wind
Holtriem II UW	63	110/20	E-ON Netz	Wind
Kampen UW (formerly: Südkampen)	63	110/20	E-ON Netz	Wind
Kiel Stw.-UW Malmöweg	95	110/20	SW Kiel	-

Klein-Bünsdorf UW	40	110/30	E.Dis	Wind
Kuhsdorf II UW (UW Kuhsdorf-Süd)	40	110/20	E.Dis	Wind
Kuhsdorf UW	40	110/20	E.Dis	Wind
Lalendorf UW	25	110/20	WEMAG	-
Langenhorn UW BA 1 + 2	63	110/20	E-ON Netz	Wind
Lausitz UW 67-12 (construction supervision)	80	110/20	Mitnetz	Wind
Level UW-WP, Hungary	32	120/22	EDASZ (Hungary)	Wind
Liepen UW	50	110/20	E.Dis	Wind
Lochum UW	40	110/20	RWE	Wind
Lübz UW	40	110/20	WEMAG	Wind
Mahlwinkel UW Uchtorf I	50	110/20	HSN Magdeburg	Wind
Meuro - UW Schipkau	63	110/20	envia	PV
Mücke UW (formerly: Seibertenrod)	50	110/20	E-ON Netz	Wind
Nemsdorf UW, Farnstädt 2 WP	40	110/20	enviaM	Wind
Nessa UW	63	110/20	envia	Wind
Neuburg UW (PV Jännersdorf Nord)	40	110/33	WEMAG	PV
Neukammer (Nauen) UW	32	110/20	E.Dis	Wind
Neukammer (Nauen) UW Extension	63	110/20	E.Dis	Wind. Biogas
Nielebock UW	40	110/20	Avacon	Wind
Oppeln UW	32	110/20	ESAG	-
Otterndorf UW	100	110/20	E-ON Netz	Wind
Pakistan UW Cube Engineering (preliminary design)	40	132/22	NTDC (Pakistan)	Wind
Parchim-Süd UW transformer 103 (construction supervision)	80	110/31,5	WEMAG	Wind
Parchim-Süd UW transformer 104 (construction supervision)	80	110/31,5	WEMAG	Wind
Raguhn UW (WP Salzfurkapelle)	63	110/31,5	enviaM	Wind
Reinstedt UW	32	110/20	MEAG Halle	Wind
Sadenbeck UW	63	110/20	E.Dis	PV
Sallenthin UW (Jeggeleben-Liesten)	50	110/20	Acavon	Wind
Schnabelwaid (formerly: Schmellenhof UW)	63	110/20	E-ON Netz	Wind
Schönbrunn UW	32	110/20	ESAG	-
Schwaförden (Blockwinkel) UW	40	110/20	E-ON Netz	Wind
Schwerinsburg UW	32	110/20	E.Dis	Wind
Sieverstedt (formerly: Eggebek) UW-PVA	80	110/20	E-ON Netz	PV
Simmern UW Bürgerstück	63	110/20	RWE	Wind
Stolpe UW	40	110/20	E.Dis	Wind
Uettingen UW (formerly: Kirchberg)	40	110/20	E-ON Netz	Wind
Wächtersbach UW	63	115/20	E-ON Netz	Wind
Wasserleben II UW	8	110/30	Avacon	Wind
Wiesmoor-Süd UW-WP	50	110/20	E-ON Netz	Wind