

CUSTOMER BENEFITS

- → Cost-effective project realisation through streamlined planning and monitoring of overall delivery time by manufacturer
- → Economical & standardised extension capabilities through modular technology
- → High manufacturing quality ensured by qualified personal and standardised processes along the value chain
- → **Experts with** over 30 years experience with power houses
- → Variable use of power houses for possible relocations
- → Improved carbon footprint compared to classic concrete stations
- → Complete assembly and functional testing of the system components at manufacturer's factory
- → Plug & Play delivery of ready-to-connect functional units as turnkey solution

FEAG TECHNOLOGY

- → Variable concepts and strategies, leading to cost-efficient solutions fast and reliable. One of these solutions is the modular power house, which we manufacture for you according to your individual requirements.
- → **FEAG power houses** are used all over the world.
- → Our power houses are accommodating low- and medium voltage switchgears, converters, control and automation systems and almost everything you can imagine.
- → **Standardisation** Optimisation of module sizes
- → **Certified** a.o. CSC and EN1090-2:2018

COMPACT TRANSFORMER STATION

As internationally renowned expert in electrical engineering we set sustainable standards for our industry and initiate innovation in collaboration.

KEY INFORMATION

Scope: Electrical engineering – with focus on renewable energy

Locations: Baiersdorf, Bremen, St. Ingbert, Komárno (SK)

Employees '24: ~450

PRODUCT CATEGORIES



Turnkey Station Solution

Turnkey Station Solutions (e.g. Compact Transformer Stations) for the renewable energy sector, as well as Power Houses.



Switchgears

Installations that distribute high electrical power at different voltage levels to the place of use (e.g. industrial and construction sites).



Smart Technology

We can equip each system with automation-, safety- or communication technology (including power quality solutions).



Mechanical & Special Products

We produce a wide range of weather- and vandalism resistant housings for electrical engineering, as well as special products (e.g. train control cabin).



Service

In addition to services like installations, we offer network measurement and installation training.

in /company/feag-gmbh





POWER HOUSES



YOUR PERFECT PLUG & PLAY SOLUTION



WITH THE INSTALLATION

of complete electrical systems into power houses, FEAG offers a variety of factory-tested solutions in a ready-to-operate system including air conditioning and the suitable housing - complete & prepared for the connection of field cables at site. The installation effort for the user is significantly reduced, the assembly time is shortened and the planning and scheduling risk is minimised. Ready-to-connect functional units with electrical components for low- and medium voltage systems, control and protection technology, converter or line filter systems as well as transformers including cpmplementing systems such as air conditioning and fire alarm systems.



FAST COMMISSIONING ON SITE

by pre-commissioning at the factory



ADJUSTABLE

to a wide range of climatic conditions



MOBILE

due to modular design

ADVANTAGES & DETAILS

OF POWER HOUSES



VARIANTS



Small Power House

Plenty of equipment in the smallest space. Can be combined to form a container cluster, optionally with swap bridge.

Gewicht	up to 10 t
Maße (L x W x H)	<8 m x < 3 m x < 3,3 m



ISO Power House

Can be combined to form a container cluster, costefficient transport due to proven ISO construction.

Gewicht	up to 25 t (with CSC-approval)
Maße (L x W x H)	20-40 ft x 2.4 m x 3.2 m



XL Power House

Offers sufficient space even for large projects. Can be combined to form a container cluster, double floor 300 mm (higher double floors can also be realised).

Gewicht	bis 55 t (40 t in Montagehalle)
Maße (L x W x H)	<17mx<5mx<4m

PROJECT PROGRESS



Project start

Technical clarification with customer



Engineering electrical and

mechanical construction



Steel Construction

fabrication of e-houses



Painting

painting of e-houses



Installation

installation of switchgears

Supervision assembly on site



Final Assembly cabelling works

for switchgears

EXAMPLES OF PROJECTS





More than 3.600 power houses 2023

LIFTING OF ISO POWER HOUSES







