



ABB FACTS

Training Knowledge is power

The right training for you



ABB FACTS

The power industry's term FACTS (Flexible AC Transmission Systems) covers a number of technologies that enhance the reliability, capacity and flexibility of power transmission systems.

FACTS solutions enable power grid owners to increase existing transmission network capacities while maintaining or improving the operating margins necessary for grid stability.

As a result, more power can reach consumers with a minimum impact on the environment. Project implementation times are substantially shorter and with lower investment costs in comparison to the alternative of building new transmission lines or power generation facilities.

ABB is the worldwide market leader in FACTS, with a full FACTS portfolio and in-house manufacturing of key components.

Training

ABB provides complete and precise training for the operation and maintenance of FACTS equipment. If you have invested in a FACTS system, make sure you keep your company's personnel stay up to date with the knowledge and skills they need for achieving the highest possible availability.

A few examples of when training is necessary

- When new employees need training for new assignments.
- When experienced employees who have worked with FACTS equipment for many years need to refresh their skills.
- When companies that are in the process of evaluating ABB FACTS equipment need more information about how the system works.

FACTS portfolio

ABB's high quality courses for delivered FACTS systems include training in:

- SC (Series Compensation)
- TCSC (Thyristor Controlled Series Compensation)
- SVC (Static VAR Compensation)
- STATCOM (Static Compensator), SVC Light®
- DynaPeaQ® (SVC-Light with Energy Storage)

Please see www.abb.com/facts for details.

Standard training

For the systems in the FACTS portfolio, ABB provides standard training for operation and maintenance.

This standard training will fully acquaint the participants with the actual system and how to find further information about system details as needed.

Standard training also includes information about: how the system is displayed in the HMI (Human Machine Interface); how signals can be presented to a superior SCADA system; which commands and interactions can be performed; how to follow the stipulated maintenance program for the installation.

Specialized training

ABB also offers specialized in-depth equipment training in:

- Transformers
- Capacitors
- Circuit-breakers
- Cooling systems
- Reactors
- Thyristors
- Cap Thor (used in SC systems)

MACH2 system control in-depth training including:

- Simulator training
- HiDraw programming
- InTouch programming

Training also includes the following:

- Visit to manufacturing plant.
- Site visit with instructor to an installation.



Invest in knowledge

Training prerequisites

The training is conducted by highly qualified instructors. All training and documentation is normally in English. Other languages are available upon request.

Each training location is equipped with a projector and white-board for presentation of material. All trainees will receive a binder with all material presented by the instructor, as well as the same information in digital form.

If training is performed in the vicinity of the customer's installation, a visit is made to the installation and all equipment is identified and the function explained. Hands-on training can be included as required.

If your company is part of a continuing education program such as NERC or similar, we can assist you with the application.

After completion of the course, the participants receive ABB FACTS certificates.

Locations

There are four alternatives for training locations:

1. At a customer-specified location.
2. At the ABB FACTS facility in Västerås, Sweden.
3. At the ABB FACTS facility in Västerås, Sweden with fixed training dates.
4. At a regional site. Register your interest in a preferred course to be held in your region and you will be notified when a start date is available.

For numbers 1 and 2, please include the following information in your query:

- The type of training needed
- Approximate date
- Location
- Number of trainees
- Your contact details
- Any other important information

For numbers 3 and 4, please see the latest training schedule or register your interest at facts.training@se.abb.com

Contact

For further information or quotes, please contact:
ABB FACTS Training Section
Email: facts.training@se.abb.com



“The best economy and availability of your ABB FACTS investment comes from knowledge and correct operation”



Contact us

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