

PowerShare

Commissioning Guide

1. Verify that the internet connection is up, that CT clamps are installed correctly, that the center conductor on the DC link is routed between the Ferroamp systems and that it is not broken in any way.
2. Check that all DC circuit breakers in each Ferroamp system are turned off.
3. Turn on the power switches for AC to each Ferroamp system in the PowerShare network.
4. Set the CT quota for each Ferroamp system and run the CT configuration.
5. Put all systems in running mode and check that the DC voltage in each Ferroamp-system is 760 V.
6. Contact Ferroamp support for system configuration. Go to the next step after the setup is complete.
7. Measure DC voltage in the DC circuit breakers located between the Ferroamp systems. There may be a maximum of 5 V difference between different systems. Turn on the DC switches that separate the EnergyHub units from the PowerShare network after setup is complete.
8. Then turn on the DC switches in distribution boxes and PowerCases. SSOs and ESOs will now be started up sequentially.

Dictionary

PowerShare: A network of two or more Ferroamp systems

Ferroamp system: One or more EnergyHub units and the components connected to them. Each system has its own Ferroamp ID (FID).

EnergyHub unit: An EnergyHub unit can be wall-mounted or a module in a rack cabinet.