Course description

**G615e**
Solar inverter technical features, Internet course

**Course type**
Internet course

**Course Duration**
The course duration is approximately 20 minutes.

**Course Goal**
The goal of this course is to describe PV system and module related inverter features and their restrictions. Additionally the student is introduced to the inverter grid support functions.

**Student Profile**
This course is intended for solar inverter sales and sales support persons as well as for PV system engineers.

**Prerequisites**
It is recommended to complete these e-learning courses beforehand:
- G610e - Basics of Solar and photovoltaic systems and markets
- G611e - Photovoltaic system key components
- G613e - PV system sizing
- G660e – PVS800 solar inverter fundamentals
- G200e – PVS300 solar inverter fundamentals

E-learning courses require an Internet connection. The recommended browser is Microsoft Internet Explorer.

**Course Objectives**
Upon completion of this course, students will be able to understand:
- General technical solar inverter features,
- ABB solar inverter compatibility with different PV module types
- The purpose of different grid support functions and in detail how ABB central and string inverters fulfill these

**Main Topics**
- Inverter features (ground fault monitoring and DC grounding) and inverter compatibility with different PV modules
- Inverter grid supervision and anti-islanding
- Solar inverter grid support functions in general
- PVS300 and PVS800 grid support capabilities in detail