

NORTHERN POWER 100 - INSTALLATION TRAINING COURSE OUTLINE

Target Participant

The objective of the Northern Power 100 Installation Training Course is to prepare construction / project managers, lead installers and site superintendents to effectively manage the installation of a NPS 100 on time and on budget. This course is required for any partner or team leader prior to an initial NPS 100 install.

Our field service technicians frequently report that there is a measurable difference with installations that are lead by Installation Training Course graduates. The course content and design has been developed for those who are skilled at leading construction projects and doing the hands-on work.

Earning Installer Certification

- Successful completion of the course is only the first step towards Installer Certification. At the completion of the course the participant will be will issued a certificate documenting they are factory trained.
- After two successful installations, participants may earn their Installer Certification.

Course Objectives

- Walk participants through the critical installation activities of the NPS 100 wind turbine
- To learn all the preparation and installation steps so participants can successfully manage and execute the NPS 100 project from the permitting process to installing the turbine to the utility interconnect

Participant Prerequisite Skills include but are not limited to

- Construction – Project Management
- Managing the installation of wind turbines or similar machines
- Demonstrated ability to climb towers and perform manual tasks, such as bolt torques
- Demonstrated knowledge of AC electricity generation and distribution, specifically relative to 480 Volt systems

Course Prerequisites

- None, however, participants will be asked to sign a confidentiality and liability waiver with Northern Power Systems, Inc. as a requirement of participation.

Course Duration and Location

- Three days and takes place at Northern's headquarters in Barre, VT

At the end of the course the project leader will:

- Be able to plan an installation project schedule, including equipment and labor resources
- Identify the elements of an effective foundation design
- Know how to appropriately execute the installation from foundation to tower stacking through internet connectivity
- Know best practices for each phase of the installation process and the specific steps to be taken to implement each recommendation
- Know the factors that comprise and impact an installation budget
- Be able to identify and mitigate potential problems that could surface during a real installation