Building New Mexico's
clean energy workforce

AES & SEI partner for solar workforce development and training program in New Mexico

The successful transition to clean energy requires a much larger, well-trained workforce to meet the increasing demand for clean energy, especially solar. Development of the clean energy workforce also provides opportunity for people and the communities they live in by providing good-paying jobs and supporting economic growth.

AES, a global energy company accelerating the future of energy and a leading developer of utility-scale solar generation, has partnered with Solar Energy International (SEI), a leading solar training educational non-profit organization, to provide workforce development services in New Mexico. These services include an AES-funded scholarship for 15 New Mexico residents to enroll in SEI's North America Board of Certified Energy Practitioners (NABCEP) PV Associates online training package, which includes PVOL101 and PVOL203 classes along with the NABCEP PV Associates test.

If you are a New Mexico resident interested in career opportunities in the rapidly growing solar energy industry, and would like to apply for an AES scholarship, click here and follow the link under "AES Scholarship".

PVOL101: solar training - solar electric design and installation (Grid-Direct) - online

PVOL101 is your gateway to a career in the solar industry. Topics include site analysis, system sizing, array configuration, and performance estimation; electrical design characteristics such as wiring, overcurrent protection, and grounding; a detailed look at module and inverter specifications and characteristics; mounting methods for various roof structures and ground-mounts; and an introduction to safely and effectively commissioning grid-direct PV systems. This course focuses on grid-direct PV systems but covers material critical to understanding all types of PV systems. These core concepts are expanded on in SEI's upper-level PV courses.

PVOL203: solar training – PV system fundamentals (battery-based) – Online

This course builds a foundation for understanding many battery-based applications. Load analysis is addressed along with other critical design criteria such as battery bank design, equipment options, and electrical integration of system components. Component options are covered in detail, including batteries, charge controllers, and battery-based inverters. Different battery chemistries, associated pros and cons, and cost comparisons are investigated along with safety and maintenance considerations unique to battery-based PV systems.

For more information, please contact:

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Register now for the next 10-week session.

June 27 - Aug 07, 2022	Sept 19 - Oct 30, 2022
Aug 08 - Sept 18, 2022	Oct 31 - Dec 11, 2022