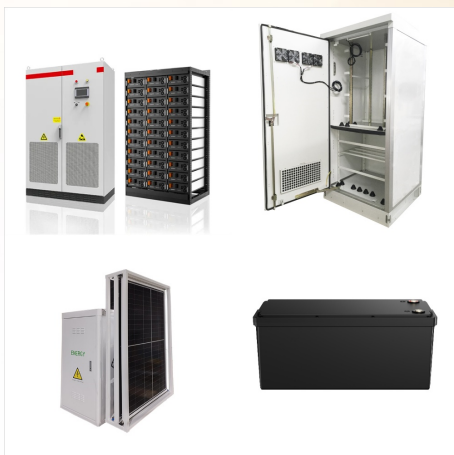




Those who are unfamiliar with how PV works, the elements of a PV system, and/or solar power ROI should take the first course of the specialization, Solar Energy Systems Overview. Material includes online lectures, videos, demos, hands-on exercises, project ???



Courses introduce how PV operates and the anatomy of solar electric systems, the economics of solar power, pros and cons of different systems, considerations for designing a PV system, and fundamental code compliance.



This course is ideal for anyone interested in entering the solar power sector, whether fresh to the workforce or switching industries. The curriculum is especially useful for engineers, HVAC installers, architects, and building code inspectors.



Solar Energy System Design builds upon the introduction to PV systems from Solar Energy Basics course, which included basic system components and functions, as well as some basic system sizing using simplifying assumptions.



This specialization is for learners wanting a thorough understanding of renewable energy concepts, tools, and applications. This knowledge can be employed to advance in your current work, to move into the renewable energy field, and to promote sustainability at ???



This course gives you an introduction to the fundamentals of solar power as it applies to solar panel system installations. You will learn to compare solar energy to other energy resources and explain how solar panels, or photovoltaics (PV for short), convert sunlight to electricity.