DEVELOP SKILLS FOR A JOB IN SOLAR

Earn a Digital Badge in Introductory Solar Analysis and Due Diligence

- In this course, you will learn about solar power by following the path of a photon from the sun, through the Earth's atmosphere, into a solar power system where it's transformed into electricity and then consumed on the grid.
- This course will give you an overview of the major components of a solar power system, regulatory incentives, financing and provide a primer on energy forecasting and economic modeling.
- Guest speakers will share what it's like to work in solar.

MEET THE EXPERT

JON PREVITALI has worked with renewable energy and Internet technologies for over twenty years.

As a senior principal engineer for VDE Americas, a wholly-owned subsidiary of VDE, one of Europe's largest technology organizations, Previtali provides engineering and commercial advisory services to ensure solar power projects are bankable and insurable.

- Prior to joining VDE Americas, Previtali established a technical due diligence practice at a major bank that in 2021 had supported over $10 billion in financing for about 12% of the U.S.'s wind and solar capacity.
- Widely regarded as a trusted subject matter expert, Previtali has helped promote and standardize many of the technical due diligence and risk mitigation strategies banks use to safeguard solar and energy storage project performance.
- Jon holds engineering degrees from Stanford University and the University of Colorado, Boulder.

LEARNING MODULES INCLUDE:

- THE SUN AND PHOTONS, EARTH'S ATMOSPHERE, ROTATION, AND WEATHER
- PV THEORY, ELECTRONS, PV MODULES, DEGRADATION, MANUFACTURING AND TESTING
- RACKING SYSTEMS, TRACKERS, PERS AND EORS
- WIRING, COLLECTION SYSTEMS, FIRE PREVENTION
- INVERTERS, TRANSFORMERS AND BATTERY ENERGY STORAGE SYSTEMS
- METERS, THE GRID AND LOADS
- SOLAR POLICY, O&M, ECONOMIC USEFUL LIFE AND FINANCING

COURSE INFORMATION

<table>
<thead>
<tr>
<th>TITLE:</th>
<th>Introduction to Solar Analysis and Due Diligence</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATES/TIMES:</td>
<td>April 17th - May 29th, 2024; on Wednesdays from 7-9 PM</td>
</tr>
<tr>
<td>LOCATION:</td>
<td>100% Online via Zoom</td>
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