

# OUTBACK POWER NABCEP CERTIFICATE TRAINING

June 12-14, 2018 • 8:00 a.m. – 4:00 p.m.



## REGISTER EARLY!

[www.wernerelectric.com/Events](http://www.wernerelectric.com/Events)

Maximum 25 attendees

## DATES & LOCATIONS:

June 12-14, 2018

Werner Electric Supply - Appleton  
4800 W. Prospect Ave.  
Appleton, WI 54914

**TIME:** 8:00 a.m. – 4:00 p.m.

Breakfast & lunch will be provided.

**COST:** \$399.00/student

Students successfully completing this course earn 18 credit hours toward NABCEP PV Installation Professional Certification (requires 58 hours total plus 3 qualifying installed systems) or 12 hours Continuing Education Credit toward the 3-year NABCEP Solar PV Recertification requirement (requires 18 hours total plus 3 qualifying installed systems).

OutBack Power's comprehensive NABCEP-registered Certificate Training Program covers all aspects of energy storage-based systems and helps students earn PV Installation Professional Certification or Recertification. This accelerated program focuses on the FLEXpower FXR and Radian Series systems with new GridZero and Advanced Battery Charging technologies. Training includes system concepts, technologies and planning, designing, programming, commissioning, and testing.

## TOPICS INCLUDE

- Assessing customers' energy needs
- Grid-interactive and off-grid system designs and solutions
- OutBack's inverter & charge controller options, sizing and programming
- OutBack's battery and battery rack options - how to size and install
- System programming and set-up using the MATE3
- Field wiring
- System commissioning/decommissioning
- AC-Coupling systems for adding energy storage to existing grid-tied PV
- Reading MATE3 informational meters
- Troubleshooting labs
- Stacking multiple inverters