



BUILDING SKILLS FOR THE NEXT GENERATION OF CLEAN ENERGY CAREERS

OUR PLAN

Commercial IBT expands GRID Alternatives' proven workforce training model to prepare participants for commercial solar to build a foundation for careers across the skilled trades.

Commercial Installation Basics Training (Commercial IBT) combines classroom instruction, hands-on labs, industry-recognized safety training, and jobsite readiness to prepare participants for entry to mid-level work in commercial solar and renewable energy construction.

Building on GRID's established Installation Basics Training model, the program goes beyond solar installation alone.

Trainees develop construction fundamentals, electrical competencies, safety practices, and durable skills that can transfer into energy storage, electrical and construction occupations, registered apprenticeships, and other clean energy infrastructure careers.

MORE THAN A SOLAR TRAINING PROGRAM

Commercial IBT is part of GRID's NextGen Workforce Development vision: creating training pathways that prepare participants not simply for their first job, but for long-term careers with multiple opportunities for advancement.

140 hours

Total intensive training

30 hours

OSHA safety training

4 Commercial

Array installation systems

HOW IT WORKS

Training is aligned with IREC standards and NABCEP Job Task Analysis and designed to create stronger connections to industry certifications, continuing education, pre-apprenticeship and registered apprenticeship pathways.



WHAT SETS GRID APART

GRID's "special sauce" is practical, hands-on skill building paired with an intensive training cohort experience. Trainees learn by the tell-show-do method, and GRID works with partner organizations to connect them to wrap-around support, employment and careers.

Commercial IBT is designed to:

- Create accessible pathways into commercial solar, energy storage, electrical, construction, apprenticeships, and skilled-trade careers.
- Build transferable technical, construction, safety, and jobsite competencies. Increase participant competitiveness, job placement, and long-term career mobility.
- Strengthen connections among training providers, employers, contractors, apprenticeship programs, and industry partners.
- Expand access to high-quality clean energy and skilled-trade careers for communities historically underrepresented in these industries.



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BUILT FOR THE COMMERCIAL JOBSITE

- **Four Array Installation Systems** — Composition shingle • Standing seam metal • Flat roof / self-ballasted • Ground mount
- **Expanded Electrical Training** Electricity and AC/DC fundamentals • Three-phase inverters and AC wiring • Commercial raceways and conduit bending • Commercial wire pulls • Electrical safety and LOTO
- **Safety + Emerging Technologies** OSHA 30 • CPR & First Aid • Commercial jobsite safety • Battery Energy Storage Systems (BESS)
- **Transferable Construction Skills** Construction math • Hand and power tools • Plan set and string map interpretation • Construction fundamentals • Jobsite readiness

INVEST IN THE PEOPLE, POWERING THE TRANSITION

GRID Alternatives provides high-quality training, while workforce development and industry partners help connect job seekers to our program and move them into meaningful careers in clean energy.

We look to partners to provide:

- Recruitment within underserved communities
- Wraparound services that support job seekers, including transportation, stipends, etc
- Job placement support, with the goal of an 80% placement rate
- Additional resources and support

WANT TO PARTNER WITH US?

Contact Information

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