

## Resume

Kelly Larson  
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### Professional Experience

Solar Energy International                      1999 – present    Contract Instructor

Instruct beginning, advanced and hands-on and online PV classes. Develop curriculum for PV classes.

Amicus O&M Cooperative                      2021 – present, Curriculum Development

Designing curriculum for new online training program for solar O&M technicians.

Contractor with various clients              2016 – present, Engineering Consultant  
including SEI Professional Services

Engineering services include commercial and utility-scale solar electric system inspection, planset development and review, performance projection and verification, commissioning and troubleshooting.

Acuity Power Group, Inc.                      2015 – 2021, Senior PV Consultant

Inspection, performance verification, and commissioning utility-scale PV systems. Management of work, and organization of data, safety procedures, and work flow. Documentation, data analysis, and troubleshooting of systems. Collaboration with contractors, equipment manufacturers, and other stakeholders to obtain needed information about systems and potential remedies of issues. Use of various electrical meters including IV Curve tracers, IRT testers, and IR cameras. Development of testing, safety, and evaluation procedures.

Kelly Larson Electric, Electrical Contractor    2018 – present    CA C-10 #868189

Owner. Solar electric system troubleshooting, and design.

Kelly Larson Electric, Electrical Contractor    2005 – 2018    CA C-10 #868189  
Mendocino and Humboldt Counties, CA

Owner. Renewable & sustainable design, solar electric and microhydro installation, troubleshooting, workshops and training, general electrical contracting.

Solar Living Institute 2004 – 2015 Contract Instructor

Instruct beginning, advanced and hands-on PV classes. Develop curriculum for PV classes.

Sunny Solar Electric 2002 – 2005 Staff Engineer/Installer

PV system design and installation, general electrical work.

Alternative Energy Engineering 1995 – 2002 Staff Engineer, Purchaser

PV, wind and hydro systems engineering, troubleshooting.  
Purchasing, inventory management, development of strategies and procedures for procurement. Catalog development and revision.

EM Research 1994 – 1995 Staff engineer, Purchaser  
RF engineering. Purchasing and inventory management.

University Of Nevada, Reno 1992 – 1995 Research Assistant  
Research in PV module degradation.

NASA 1992 – 1993 Station engineer  
Station maintenance and operation.

Nevada Army National Guard 1983 – 1991 Pilot and  
Officer and pilot duties in helicopter unit. Aviation Safety Officer

### Education

University Of Nevada, Reno 1986 - 1992

Bachelor of Electrical Engineering, Power production emphasis

### License and Certifications

California Licensed Electrical Contractor #868189

NABCEP Certified Installer #032-407-36

ISPQ Master Instructor - #US-091

Awarded IREC Certified Clean Energy Trainer of the Year in 2015

Solar Professional Train The Trainer Certificate - 120009

OSHA 30-hour General Construction Course

NABCEP Certified System Inspector for Photovoltaic

NABCEP Certified PV Commissioning & Maintenance Specialist

FCC General Amateur Radio License KJ7CIE

Suas Certified Level I Infrared Thermography Certification

References available upon request