

Justin Anthony Russell

Tehachapi, CA 93561

Justinrussell.the@gmail.com

Professional Summary

Motivated and safety-focused Solar & Renewable Energy Technician transitioning into Project Management. Over 5 years of combined field experience including military, hands-on commissioning, maintenance, and troubleshooting solar and battery energy storage systems (BESS). Proven leadership coordinating multi-site teams, securing client contracts, and managing technician operations nationwide. Seeking to lead renewable energy projects with a focus on performance, safety, and customer satisfaction.

- Troubleshooting & Diagnostics
- Intermediate Electrical
- Advanced Soldering
- Safety & Risk Management
- Rigging
- Safety Hazard Prevention
- Improving and Problem Solving
- Solar & BESS Commissioning (Hot/Cold)
- Team Leadership & Mentorship
- Project Planning & Client Relations
- Inverter Platforms (TMEIC, SUNGROW, SMA, WARTSILLA, Solis, PE, SYL)
- Electrical Schematics & Repair
- Safety & Risk Management
- Microsoft Office, Google Workspace

Certifications

- Renewable Energy & Communications Tower Technician Program
- Authorized Climber and Rescue and ID Card
- American Red Cross First Aid/CPR/AED Card
- OSHA 10-Hour Construction Safety Card
- OSHA 30-Hour General Industry safety card
- Electrical Safety
- Basic Electronics Certification
- Cable & Wire harness assemblies
- Level 1 Crane Rigging
- Crane Signalperson
- Telecommunications Basics
- NFPA 70 E
- RF Safety Awareness Card
- Advanced Soldering & Electronic Assemblies
- Fasteners, Torque and Tension
- Telehandler, Forklift, Scissor lift and Manlift.

Education and Training

**TMEIC Commissioning, Sun Grow Commissioning
Airstreams Renewables, Inc.**

**July 2023-Present
June to July 2023**

Renewable Energy & Communications Tower Technician Program

Accelerated training on various aspects of electrical, mechanical, and technical skills required to safely troubleshoot and service renewable energy and communication tower equipment with an emphasis on safety.

Ventura County Community College & Pacific Lutheran University

August 2018 to May 2020

Kinesiology & Exercise Science Program

Completion of years one and two of Kinesiology & Exercise Science program. Maintained a regular 4.0 GPA, received an academic scholarship to Pacific Lutheran University in year 2 and was accepted into the yellow ribbon veteran tuition program.

United States Army

November 2014 to April 2015

Radio/COMSEC Repairer Training

A military based course training students in the understanding and application of basic AC/DC theory and circuit analysis, performing isolation and repair of radio systems, performing soldering of electrical components, applying troubleshooting and repair procedures to radios and analyzing basic digital logic circuits.

Career History and Accomplishments

Clean Energy Services

**Travel Solar Technician/Battery Field
Service Technician/Project Manager**

**Present
August 2023 -**

- Supervised multiple commercial solar sites for safety and quality over a third-party contractor changing out all MC4 connectors, successfully completed 6 commercial sites.
- Assisted in multiple rooftop inspections of commercial solar sites, responsible for safe and effective lotto of commercial sites.
- Traveled to TMEIC Headquarters to learn cold and hot commissioning, troubleshooting and component swaps on TMEIC inverters.
- Commissioned multiple TMEIC sites learning how to configure and troubleshoot TMEIC inverters.
- Assisted with manually stowing arrays with older Nextracker systems, Changed over 300 batteries on tracking systems.
- Manually un-banded, restacked, re-banded and stored over 3000 modules with a team of 4 in two weeks. Which lead to securing a contract with a new customer.
- Obtained training on hot and cold commissioning of Sun Grow BESS units, helped to commission multiple sites and wrote a training guide for the proper procedure to configure units and push/pull power.

- Site lead for an annual maintenance on Wartsilla BESS units, completed inspections and maintenance on 180 units including over 1300 Chillers with a team of 4 in 6 weeks.
- Adapted multiple times to meet the standards and expectations of new customers and helped to secure multiple contracts with major customers.
- Hot Commissioned Sungrow 4400s, wrote a procedure for the hot commissioning steps to train other technicians.
- Obtained telehandler certification and performed lift operations for rooftop inverter swaps with zero safety incidents.
- Performed retrofitting and Replaced 10 torque tubes and over 200 modules.
- Lead Hot commissioning on 5 rooftop projects.
- Removed and re-commissioned an ACCUENERGY metering cabinet after a thermal event, rerunning all the damaged cables to the units.
- Completed hot commissioning on a battery storage coupled rooftop site, with Alencon DC-DC converters and SYL battery storage equipment.
- Platforms I have worked on include TMEIC, SMA, SUNGROW (Solar and BESS), SYL, WARTSILLA, POWER ELECTRONICS, and SOLIS.
- Started as a Project Manager/ Lead Travel Technician in January of 2025. My scope is to write quotes, keep in contact with customers, obtain new contracts, Manage multiple projects while performing various repairs and commissioning on site as the Lead technician.
- Performed scheduling, dispatching and mentoring for 15 solar technicians across the US for multiple customers.
- Facilitated with the movement of customers and technicians from the solar division to the battery storage division maintaining the relationship with all the customers as their first POC.

Pinnacle Energy Services

Solar technician contractor.

April 2023 – July

2023

- Performed annual maintenance on SMA and Power Electronics inverters, and successfully replaced IGBTs, Sine Filter and DC contactor on SMA inverters.
- Performed wire maintenance and panel checks to locate and replace broken panels.
- Adapted to working on a new site with a local team and successfully caught up on all annual maintenance and repair.
- Maintained a safe work environment with zero injuries reported.
- Maintained daily JSA and monthly vehicle inspections.
- Assisted with annual inventory organization, ensuring all stock was properly documented and accounted for.

All Source, Realtors and Mortgage

Real estate agent/Loan Processor

OCT 2018 to March 2023

- Facilitated buyers and sellers in sales of real property.
- Helped to organize and plan the best strategies to list and sell homes.
- Worked with investors to find suitable investment properties with positive cash flow.
- Successfully assumed and improved property management of 20 units correcting bookkeeping and re-instilling trust in tenants with 100% retention rate.
- Facilitated processing of loan documents ensuring a smooth loan process for buyers.
- Totaled over 10 million in sales over 4 years working part time and full time.
- Generated property analysis for sellers based on comparable sales to properly price listings.
- Successfully coordinated showings based on timeline, availability and location for buyers.
- Obtained and maintained a positive relationship with clients allowing repeat business and generating new business through referrals.
- Coordinated inspections with multiple companies in order to meet strict deadlines during escrow.
- Helped to educate buyers and sellers on documentation and proper disclosure of information abiding current housing laws and loan program guidelines.
- Completed continued education to stay up to date with changes in real estate laws, processes, and documentation.

United States Army

Radio Communications & Security Repairer

September 2014 to November 2017

- Completed more than 1000 hrs of electronics & electrical work experience, repairs, maintenance, and more.
- Utilized testing, measurement, and diagnostic equipment to determine the cause and location of malfunctions, the extent of faults, and the category of maintenance required on each repair.
- Repaired systems, equipment, and subassemblies by adjusting, aligning, repairing, and replacing defective components, cryptographic items, and line replaceable units as needed.
- Performed bench tests to verify the operability of repaired equipment, and ensured emission security standards were being met.
- Removed damaged equipment and components to higher level repair activities as needed.
- Performed preventative maintenance checks and services on tools, TMDE, vehicles, and power generators.
- Obtained the Certified IPC specialist in soldering electrical, electronic assemblies and cable and wire harness assemblies.
- Obtained the ESD Control certification.
- Conducted on-the-job training sessions for new personnel with a 100% success rate.
- Completed training at Army Air Assault school.
- Positively affected the moral and wellness of Fort Drum and surrounding communities with events and support of personnel and families.
- Organized and conducted multiple community service events in local areas.
- Provided support for air and ground operations for Fort Drum operations.