



Example of Engineer Power Job Description

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Our growing company is hiring for an engineer power. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for engineer power

- Knowledge of circuit's and power systems simulation tools (for example P-Spice, LT-Spice, Multisim, MATLAB/Simulink, PLECS, Simplorer)
- Plan, carry out, and manage power engineering matters for utility scale solar and wind facilities, and optimize system designs to achieve targets for production, generating capacity, capital cost, financial returns
- Coordinate with Development and Finance teams and external consultants to deliver energy production forecasts, layouts, electrical schematics, plant and equipment layouts, system cost estimates, EPC contract technical exhibits
- PQE Audits
- Low current (single uA) design and characterization
- Work with lead EE's on different projects to develop power circuits
- Provide guidance to EE and test group on power supply bringup, debug, and characterization
- Prototype new circuits, characterize noise and efficiency
- Evaluate PMIC solutions from vendors
- Design board-level power circuits for noise-sensitive sensors and radios

Qualifications for engineer power

- Candidate must have a Bachelor's degree with 3+ years' experience or MS with 2+ years' experience
- MS or higher degree in Electrical Engineering or Applied Physics
- All least 5 years relevant experience in radio frequency product development, especially in PA design for mobile devices

- RF interference mitigation via multiple methods