



Example of Power Supply Job Description

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Our innovative and growing company is looking to fill the role of power supply. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for power supply

- Develop and qualify power analysis and power grid static IR/EM and transient noise integrity analysis flows, using vendor tools to support multiple ASIC design
- Write, test and debug scripts to integrate tools, models, and custom function into an integrated and cohesive design flow
- Work with ASIC IP providers to define and implement the cell-level models necessary for power and power-grid analysis
- Assess IR drop and EM reliability results on customer chips and work with design center engineers to determine best settings to optimize accuracy, performance and memory
- Generate clear documentation and easy to use script
- Perform all the activities in a safe and responsible manner and support all Environmental, Health, Safety & Security requirements and programs
- Responsible for developing and executing against a plan for the PS Generation fleet, to manage the implementation of CC at each of the Generation locations
- Responsible for developing a Change Management plan utilizing the ADKAR methodology, to manage the fleet CC Implementation, including support/input from the PS CC Team
- Serves as the CC Program Champion for PS to ensure that the process receives the appropriate level of attention, priority, management support and training
- Partners with the plant leadership teams to evaluate effectiveness of the

Qualifications for power supply

- Knowledge of substation ancillary plant and services including standby power generation & uninterruptible power supplies
- Knowledge of traction propulsion equipment and characteristics, vehicle performance calculations
- Ability to perform detailed calculations, drawings, technical specifications, procurement documents, design and installation packages
- Ability to develop and detail electrical power and distribution design concepts with architects, proponents, utilities and other engineering disciplines
- 10+ year in a similar role
- Licensed Engineer or eligibility