

**Posted:** 19 July 2018. Please contact Renee Çınar at 714-895-0560 or [renee.cinar@sce.com](mailto:renee.cinar@sce.com) regarding this opportunity.

**Position Title: Consulting Engineer**

**Working Title:** Systems Engineering Deployment Expert

**Position Overview:**

The Grid Technology and Modernization (GT&M) organization, within Southern California Edison (SCE), seeks an innovative systems thinker with expertise in deploying systems engineering within an organization in a new, exciting and edgy way. We are looking to hire someone who is passionate about enabling innovation in multidisciplinary organizations, empowering collaborative problem solving, and facilitating a systems engineering approach.

The GT&M organization is responsible for executing SCE's Grid Modernization strategic initiative as described in SCE's 2017 whitepaper, "The Clean Power and Electrification Pathway," and the 2018 and 2021 General Rate Case before the California Public Utilities Commission. To meet these goals GT&M executes various projects to develop, design, test, validate, pilot, and deploy new capabilities across its 4500 distribution circuits. GT&M typically runs 30-40 projects, at a time, that are in various stages of the project management process. Projects run from 1 to 5 years. These projects require a holistic approach to manage complex electric power system interactions and enable deployment of a modernized distribution system that is safe, reliable, and resilient.

**Responsibilities:**

- Develop an agile, innovative systems and safety engineering management plan (SEMP) that operates in parallel with our existing project management process.
- Develop an SEM process implementation plan which includes the following: an organizational change management approach to engage all stakeholders, estimate of required resources to implement (such as training, facilitation of key systems engineering process activities, software to manage the system design, new process development and documentation, work product documentation templates, etc.), schedules, goals and metrics.
- Develop a Statement of Work to source, through competitive procurement, the resources required to execute, monitor and continuously improve the SEM process implementation plan.

**Required Qualifications:**

- **Experience**
  - Eight years of practical/hands on experience in systems engineering
  - Three years of experience in enabling organizations to create an environment in which innovation, systems thinking and collaborative problem solving are entrenched in day-to-day activities
  - Certification in systems engineering discipline, systems thinking, and/or design thinking methodology (such as INCOSE, IDEO or industry specific )
- **Education**
  - Bachelor of Science in engineering discipline from accredited institution

**Preferred Experience:**

- Electric utility experience
- Experience in teaching state-of-the-art systems of systems engineering methodology
- INCOSE certification
- Project Management certification
- DOD 5000.02 acquisition experience
- Collaborative work environments (e.g. SharePoint)