

Name: Vitta Bukka, Mounika
Grade: Member

Bio: I'm a Power Systems Engineering expert with higher management responsibilities having 7.5+ years of experience in executing protection studies/technical recommendation/project management, design and development for North America Operations. And also my certificate from HBS, MA (HARVARD BUSINESS SCHOOL) which shows you how effective I'm towards sustainable businesses like how AMAZON/TESLA/RED WOOD MATERIALS etc., companies deal with.

I have knowledge of power system simulation software like SKM, EASY POWER, ETAP, and I am familiar with PSPICE, ECAD, numerical relays programming software like Schneider and SEL. Hands on experience on Calculation of relay setting, transformer sizing calculation, cable sizing etc.

Proficient in simulation studies like load flow, short circuit analysis, motor starting, relay and breaker coordination, grid impact & feasibility studies, arc flash hazard analysis, etc.

- I have experience of Design and Engineering activities like transformer sizing calculation, cable sizing calculation, capacitor sizing calculation.
- Demonstrated skills in managing onsite team members throughout the project life cycle ensuring smooth workflow.
- An effective communicator with excellent relationship building and interpersonal skills.
- Exposed in understanding how the expansion of renewable energy generation resources will impact grid reliability and security in the huge power systems domain. Empowering the operational tasks required in today's energy commerce and Smart Grid.

- Create solutions for Distributed Energy Resource management, AMIOT, battery storage, and Electric Vehicle (EV) charging network management, and other advanced systems.

Position Statement - Chair:

- Expertise in the project management and product management to enhance the quality.
- My research interests include distribution and transmission networks, transmission operations and planning, voltage control and stability, optimization, power system modeling, analysis, and control for increasing renewable integration.
- Anticipates, identifies and resolves engineering-related problems or potential problems within assigned areas, and may propose solutions to such issues. Coordinates software changes with other internal departments and with associated vendors as appropriate.
- Provides technical expertise and business rule support to other departments and external entities relating to market operations. Participates in various customer initiatives.
- Provides SME guidance for the department's technology and processes and will assist others to understand technical information, participate in committees, projects and meetings and recommend procedures.