

The Siemens logo is displayed in a large, bold, white sans-serif font. It is positioned in the upper left quadrant of the page, overlaid on a background image of a city at night with digital network overlays and glowing lines.

PTI Consulting

Cyril Anthony

Technology Consultant



Career Highlights

Mr. Anthony has broad power system analysis experience, from transmission planning studies through distributed generation (DG) interconnection studies that spans over seven years. He has demonstrated expertise in steady state, transient stability, and short circuit analyses. Mr. Anthony has completed various generation interconnection studies for independent system operators (ISOs), mostly for ISO New England, evaluating the impact of renewable or conventional generation on the reliability of the transmission network. He is proficient in PSS®E and ASPEN. Additionally, Mr. Anthony has firsthand experience in power system equipment inspection and testing, broadening his perspective. Mr. Anthony is an instructor for Siemens PTI's PSS®E courses for Power Flow and Dynamic Simulation Analysis.

Experience

Since joining Siemens PTI in 2016, Mr. Anthony has contributed to numerous power system studies for various independent system operators (ISOs), developers, and utilities in the US. For these transmission planning studies, Mr. Anthony has performed steady state, transient stability, transfer limit, and short circuit analyses. Most of the studies was conducted for ISO-New England for Projects in Connecticut, New Hampshire and Western Massachusetts, where he has garnered strong understanding of the area transmission system.

Mr. Anthony started his professional career in 2010 with Siemens Energy in Gujarat, India where he was actively involved in steam turbine projects; he managed and performed the inspection and testing activities for major

electrical system auxiliaries, including synchronous generators, voltage regulators, protection panels, bus ducts, grounding panels, and other subsystems. He has been trained in various quality management tools such as ISO 9001:2008 and in other quality improvement measures.

Prior to joining Siemens PTI, Mr. Anthony interned with Eversource Energy in Westwood, MA, in their Transmission and Distribution Planning group. He gained firsthand experience with various planning functions and their coordination with ISOs and transmission owners (TOs). He assisted in load flow modeling using PSS®E and analyzed various alternative upgrade packages, as well as assisted in processing and submitting pre-screen reports for DG interconnection studies.

Areas of Expertise

- Steady State Analysis
- Transient Stability Analysis
- Short Circuit and Protection Coordination Study
- Inspection/testing of Electrical Equipment for Power Plants
- PSS®E, PSS®CAPE, PSS®MUST, ASPEN, MATLAB

Education

- MS, Electrical and Computer Engineering, Northeastern University, Boston, MA, 2016
- BS, Electrical Engineering, Faculty of Technology and Engineering (MSU), Vadodara, Gujarat, India, 2010

Professional Certifications

- NCEES Certified Engineer In Training (EIT) in TX, 2016

Professional Memberships and Activities

- Member of the IEEE and its Power and Energy Society

Languages

- English

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