

Elizabeth M. Cook, Ph.D.

Project Role: Industry Engineer

Affiliated Organization: Duquesne Light Company

Job Title: General Manager, Advanced Grid Solutions

Relevant Job Experience:

- Manage and lead efforts of the transmission, distribution planning, and interconnection group.
- Lead, develop and implement processes to develop distribution power system electrical models, ensure coordination with all of the engineering & programs and work plan management stakeholders to determine feasibility, cost, schedules, and overall priority, and sponsor all business cases for capacity related, operational flexibility enhancements, and/or over-dutied breakers.

Significant Accomplishments:

- Lead and review all analyses performed within System Planning for seasonal assessments as well as real-time root cause analyses, update and review procedures for all system planning models, guidelines, documentations, procedures and data, and continue to do all aspects of the Transmission Planning Senior Manager role.

Education:

- Bachelor of Science: Electrical Engineering, 2004, University of Pittsburgh - Pittsburgh, PA
- Master of Science: Electrical Engineering, 2011, Kansas State University - Manhattan, KS
- PhD; Electrical Engineering, 2020, University of Pittsburgh – Pittsburgh, PA

Professional Affiliations and Committee Memberships:

- First Vice-Chair of the Association of Edison Illuminating Company (AEIC) Power Delivery Sub-Committee for Distributed Energy Resources, Member: Aug 2017; First Vice-Chair Feb 2019