



SOUTH AFRICA SMART TRANSMISSION WORKSHOP

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Dr. Peng (Bill) Wang

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Bill Wang is a passionate and seasoned professional in the electricity sector, boasting 14 years of experience working in the power industry in North America, complemented by 5 years in research. His expertise spans across transmission planning, operations, and electricity markets. Bill has Ph.D., master's, and bachelor's degrees specialized in electric power systems.

In the capacity as Supervisor, Electric Transmission Planning at PG&E, he is building and managing a team responsible for large load interconnection planning studies, driven by electrification, the growth of data centers, among many other drivers. Bill has also been leading a wide variety of other transmission planning work at PG&E, including capacity planning in high growth areas, portfolio management and investment planning of capacity expansion projects, and regulatory proceedings.

Before joining PG&E, Bill worked in two Independent System Operators (ISOs) in Ontario and Alberta, Canada, primarily focused on transmission planning, operations and engineering. Additionally, Bill served in a leadership role in the NERC System Planning Impacts from DERs (SPIDER) Working Group that produced technical guidelines and white papers to help the industry prepare for large-scale of DER penetrations.

Bill's dedication to professional growth and his commitment to addressing the evolving challenges of the electricity sector make him a valuable asset in the quest for a sustainable energy future.