

HANTZ A. PRÉSUMÉ

WORK EXPERIENCE

Vermont Electric Power Company (VELCO), Rutland, VT 2001-Present
PRINCIPAL ENGINEER – SYSTEM PLANNING

- Prepare annual work plans, prepare and manage the Planning group budgets
- Prepare the triennial long range plan and conduct the public review process for the plan
- Perform load flow and stability studies, using the GE PSLF software and SIEMENS PTI PSS/E software, to evaluate the
 - effects of proposed projects on the New England system
 - performance of sub-areas in Vermont
 - ability to proceed with planned transmission outages
 - system conditions that could require under-voltage load shedding operation
- Determine transfer limits into and out of Vermont
- Represent VELCO on the Vermont System Planning Committee and its subcommittees, the Northeast Power Coordinating Council Reliability Coordinating Committee, New England Power Pool transmission and stability task forces, the Reliability Committee, and other regional planning committees
- Testified in support of reinforcement projects

Boston Edison Company (BECo), Boston, MA. 1991-2001
SENIOR PLANNING ENGINEER

- Performed load flow and stability simulations, using the PTI PSS/E software, to evaluate the performance of the transmission system. Performed transient simulations and probabilistic load flow simulations.
- Prepared study reports and made presentations of study results and proposals to BECo management committees and to NEPOOL transmission and stability task forces.
- Developed guidelines for committing generation in the Boston area. Determined upgrades necessary to improve the import capability of the Boston area.
- Assisted BECo, REMVEC and ISO-NE operators in evaluating scheduled outages and in responding to emergency conditions in the Boston area.
- Reviewed projects proposed by other utilities.
- Determined transmission reinforcements and associated costs needed to support the potential retirement or addition of generators.
- Determined reactive reserve limits for various regions of New England.
- Testified in Energy Facilities Siting Council hearings.

EDUCATION

BOSTON COLLEGE, Chestnut Hill, MA. June 2001
Masters in Business Administration.

NORTHEASTERN UNIVERSITY, Boston, MA. June 1991
Masters of Science in Power Systems.

Bachelor of Science in Electrical Engineering. June 1989
Honors : Member of ETA KAPPA NU (HKN) and TAU BETA PI (TBP).