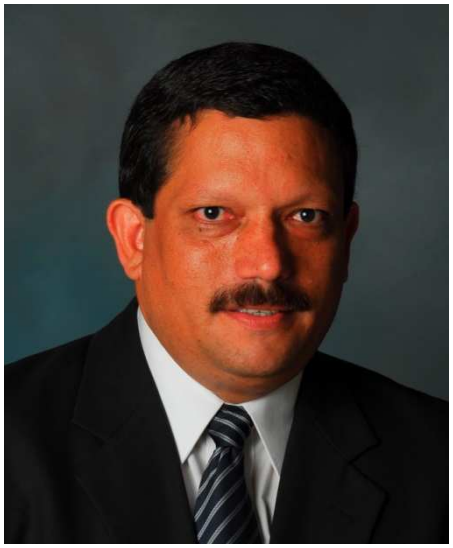

ENRIQUE A. TEJERA (S'79, M'81, SM'92)

In 1981 received the B. S. career in Mechanical and Electrical Engineering from the University of Panama and in 1983 Master of Science degree in Electrical Engineering from the University of Texas at Arlington. During his career he has participated in numerous conferences, technical activities, seminars and courses

Presently, he is the Manager of the High Voltage Section in the Panama Canal Authority responsible for managing all maintenance activities of high voltage in the power system of the Panama Canal, managing an organization of 160 employees, including engineers, administrative staff, foremen, high and low voltage, electricians and helpers.

Mr. Tejera is a professional with extensive experience in designing power systems, operation and maintenance systems, including generation, transmission, distribution. He is an electrical and mechanical engineer with proven record of success in project management electromechanical large-scale engineering, consulting services for the development plans of power system, analysis of the behavior of electric power systems, including power flow, transient stability, short circuit calculations, project management, budgets, contracts, and preparation and review of technical specifications.

Mr. Tejera also served in the Panama Canal as Section Manager Low Voltage responsible for the maintenance of low voltage installations Panama Canal. Also, as an electrical engineer at the Generation Section he was responsible for the renovation, planning, operating and maintaining the Panama Canal energy systems, including components of the generation, transmission and distribution, and all protective relaying systems. He also worked as an electrical design engineer at the Engineering Division responsible for residential system installations, industrial and electric power, including designs, project budgeting, technical specifications and economic analysis.

Before the Panama Canal , Mr. Tejera working for 12 years at the Institute of Water Resources and Electrification (IRHE), the electric utility company in Panama, where he was manager of the Transmission and Distribution Planning Section, responsible for the preparation of expansion plans of the transmission and distribution network of the Republic of Panama , including investment plans for power system consisting of transmission and distribution lines of 230, 115, 34.5 and 13.8 kV and an installed generation capacity of more than 600 MW.

He has provided consulting services and project design for transmission, distribution and generation, industrial, residential and commercial facilities and has also served as part-time professor at the Technological University of Panama.

He has presented papers at technical conferences in Latin America and the U.S. that have been published in technical journals and conference proceedings Currently , he serves as a reviewer of technical papers to be presented at several annual conferences, congresses, awards and international publications

Member of the Institute of Electrical and Electronics Engineers (IEEE) and since 1979 with the grade of Senior Member and has held various management positions at the local, regional and world levels including, during the years 2010 and 2011 a position on the IEEE Board of Directors as Director of the Division VII representing Power and Energy Society.

During his career he has received significant recognitions locally and internationally including the IEEE Award Theodore W. Hissey 2006, Eminent Engineer of Central America and Panama Council 2005, Outstanding Volunteer of the Latin American Region 2004, Panama Power Chapter Outstanding Engineer 2002, PES Latin America Outstanding Engineer 2001, and most Active Member of the Panama Section in 1996.

He is also an active member of the Panamanian Society of Engineers and Architects (SPIA) since 1989.

LECTURE TOPICS

1. Power Systems Relaying

    - Objetives of protective relaying
    - Basic Concepts.
    - Nomenclature
    - Relays connections and diagrams
    - Protective relays sources
    - Types of relays
    - Transformers Protection
    - Transmission Lines Protection
    - Subestations protection
    - Distribution Systems Protection

2. Substation Maintenance

    - Substations Components
    - Testing

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