

EDUCATION: MBA, Butler University, Indianapolis, Indiana, 1981
 Post Graduate Work in Electrical Engineering, Georgia Institute of Technology, Atlanta, GA, 1976-1977
 BS Electrical Engineering, Purdue University, W. Lafayette, Indiana, 1971

PROFESSIONAL MEMBERSHIPS: Senior Member IEEE, Member PE and Rural Electric Power Committee; Past Chairman of the IEEE-Rural Electric Power Committee; 1995 & 1996 Chairman, Rural Electric Consulting Engineers Association; Consultant Member, NRECA Transmission & Distribution System Planning SubCommittee.

PROFESSIONAL REGISTRATION: Registered Professional Engineer in Tennessee, Alabama, Alaska, Colorado, Florida, Georgia, Illinois, Indiana, Kentucky, Mississippi, North Carolina, Ohio, South Carolina, Texas, Virginia, and West Virginia.

EXPERIENCE:

Hi-Line Engineering, Marietta, GA

April 2006 – Present

Regional Manager

Mr. Dew joined Hi-Line Engineering, a GDS Company, in April 2006 as a Regional Manager in the distribution design and planning group; thus bringing his 34 years of experience in Electric Utility overhead and underground system design, system planning, and system protection capabilities to Hi-Line's client base.

PowerTech Engineering, LLC, Norcross, GA

1/02 – April 2006

CEO

Mr. Dew joined PowerTech Engineering in January 2002 as CEO. PowerTech provides broad based engineering consulting services to electric utility companies including electric cooperatives, municipals and investor-owned utilities. Their specialties include overhead and underground distribution design and planning, transmission design, substation design, retail rate and cost-of-service as well as field engineering for all of the design specialties.

United Utility Supply Cooperative, Inc., Louisville, KY

11/99 – 12/01

Executive VP and CEO

In November 1999, Mr. Dew joined United Utility Supply as Executive Vice President and Chief Operating Officer. This position is responsible for the day-to-day operations and activities of the functions under his direction except as specified otherwise by the Bylaws of the Board of Directors. UUS is a manufacturer and distributor of transformers for the electric utility industry and is the manufacturer's representative for approximately 100 other manufacturing companies specializing in products for the electric utility industry.

- Directly responsible for the manufacturing and engineering department, budgets and corporate insurance department, human resources department, marketing material management department, marketing support department and (United Utility Supply) information services department.
- Directly supervised the area marketing managers in Alabama, Delaware, Maryland,

Virginia, Florida, Illinois, Indiana, Kentucky, Ohio, Pennsylvania and Tennessee.

- Responsible for administering approved budget, loans of the cooperative within the limits of credit established by Board action, approval of the accounting systems, procedures, statistics and types of reports necessary for sound management.

Southern Engineering Company, Atlanta, GA

01/74 – 12/99

From 1997 until 12/31/1999, Mr. Dew was in charge of all Electrical Utility Engineering at Southern Engineering Company including Distribution Design & Planning, Transmission Engineering, Substation Engineering and Field Engineering.

In June 1990, Mr. Dew was elected to the Board of Directors of Southern Engineering Company.

In June 1987, Mr. Dew was promoted to Vice President.

In June 1984, Mr. Dew was promoted to Assistant Vice President and transferred back to the Atlanta office. He was placed in charge of the Distribution Design Department, the System Control and Communications Department, and Southern's two branches offices. These departments have a greater level of contact with the electric distribution cooperatives than any other part of the company and, as such, remain on the leading edge of the rural cooperative needs.

In 1978, Mr. Dew moved to Indianapolis and established Southern's first district office. In addition to managing this office, Mr. Dew's duties include distribution design, planning and construction of electrical facilities. He was directly responsible for the preparation of two-year work plans, long-range plans, sectionalizing studies, Borrowers Environmental Reports and other engineering studies required by the clients in the mid-west. Mr. Dew was the principal territory negotiator from Southern for Indiana Statewide during the implementation of the Indiana Territorial Act. He personally negotiated territory for over 25 cooperatives during which time he negotiated with the five investor-owned utilities in the state and a majority of the municipals. Mr. Dew has testified before the Indiana Public Utilities Commission on matters related to rate making and territorial safeguards.

Mr. Dew joined Southern in 1974. Prior to coming to Southern, he worked as staff engineer for two REMCs in Indiana. One of these, Tipmont REMC, is one of the largest cooperatives in Indiana. Mr. Dew also gained additional "hands-on" utility operating experience as staff engineer for the Harrison County REMC in Indiana.

From January 1974 until late 1978, Mr. Dew was a staff engineer in the Distribution Design Department of Southern. In this capacity he was responsible for developing two-year construction work plans, long-range plans, economic studies of utility construction, sectionalizing studies and general consulting for a number of rural electric cooperatives in the southeast.

Tipmont Rural Electric Cooperative, Linden, Indiana

09/72 – 01/74

Mr. Dew's duties included the design and staking of overhead and underground distribution systems as well as assisting in the operations of the Cooperative. Mr. Dew also assisted the General Manager in evaluating proposed wholesale rate changes as well as proposed changes in retail rates.

Harrison County Rural Electric Cooperative, Corydon, Indiana 02/72 – 09/72
Mr. Dew's duties included the design and staking of overhead distribution lines, liaison with prospective large power customers, assistance with operations of the utility plant and general engineering duties.

SPECIFIC PROJECT EXPERIENCE

Project Engineer for the underground utility 7.2/12.47 kV design for the ANSON development near Indianapolis, IN. this is a 6000 acre planned community including light industrial, commercial and residential. This project required several miles of concrete-encased duct bank design including vaults, switchgear and installation as well as direct buried sub-feeder design with reliability emphasis. Two substations were required to serve this and adjoining land development areas.

Preparation of over 100 two-year construction work plans, long-range plans and sectionalizing studies for cooperatives and municipals in 10 states. Preparation of the accompanying Borrowers Environmental Reports (BER) for all of these "Work Plans" including many site-specific BERs for new construction.

Supervision of field engineers responsible for the construction of approximately 200 miles of distribution lines in Illinois, Indiana and Ohio.

Project Manager – Long-Range Transmission and Distribution Plan for Chugach Electric of Anchorage, Alaska. This cooperative is one of the largest in the country having a membership in excess of 60,000 (1990).

Project Manager - NRECA/CFC Telecommunications Study. This study evaluated the potential and feasibility of telecommunications in rural America. As Project Manager, Mr. Dew coordinated the efforts of approximately 15 professionals within Southern Engineering Company and outside consultants in the preparation of this study.

Initiated the first engineering and financial feasibility study for an electric cooperative of a satellite TV receiving system for Kankakee Valley REMC in Wanatah, Indiana in 1983.

Provided expert witness testimony on behalf of the United REMC in a territorial dispute involving the General Motors Truck Plant near Ft. Wayne, Indiana in 1984. Total expected load of the plant was 80 MW.

Provided expert witness testimony on behalf of Berkeley ECI at Moncks Corner, South Carolina versus South Carolina Electric & Gas in the Johns Island territory case in 1989.

Provided expert witness testimony on behalf of Union Electric Cooperative (also known as United Power Inc.) in Brighton, Colorado in their territorial dispute against Public Service Colorado in 1986. This dispute involved service to the then new Denver International Airport.

Project Manager - NRECA Simplified Staking Manual. This project involves the development of a 100 page "How To" manual for distribution line staking. Particular emphasis is placed on

simplicity for those who are new to staking power lines.

Project Manager - For coordinated response of the sixteen Florida Electric Cooperatives to the PSC Docket 89033-EU "Cost Effectiveness of Undergrounding Power Systems". Mr. Dew supervised all the work on the project and testified at the formal hearing.

Mr. Dew has presented expert testimony before the Georgia Public Service Commission, the Indiana Utility Regulatory Commission, the Florida Public Service Commission, the Kentucky Public Service Commission, the Colorado Public Service Commission and the South Carolina Public Service Commission on behalf of approximately 50 electric cooperatives in territorial disputes and retail rate cases.

Performed Electrical Accident Investigation and provided expert witness testimony on behalf of investor-owned utilities, electric cooperatives and plaintiffs in electrical accident cases in Georgia, Indiana, Illinois, West Virginia, Kentucky, Virginia, Mississippi, Alabama, Tennessee and Florida, including NESC applications, interpretation and opinions involving all NESC's since the 1928 edition.

Electrical accident investigations, including depositions, and testimony presented in state and federal courts involving the following:

- 1) electrical contact accidents involving CB antennas, TV antennas, pipes, irrigation pipes, aluminum ladders, extendable painting apparatus, tar mops, roofing equipment, farm machinery, cranes, dump trucks, automobiles, trucks, smoke stack scrapers, and cleaning devices.
- 2) electrical contact cases involving personnel climbing of transformer poles, climbing platform mounted transformers, stealing of electrical conductors, entering and climbing on substation structures, etc., including interpretation of warning signs and posting requirements.
- 3) system protection including the coordination of breakers, reclosers, fuses, etc., including accidents involving downed electrical conductors that remain energized.
- 4) applications of the NESC horizontal clearance requirements to buildings, towers, structures signs, antennas, etc., including wind displacement of conductors.
- 5) application of the NESC vertical clearance requirements over roads, cultivated land, unimproved land, mountainous terrain, lakes, rivers, streams, etc., based on pre-1990 NESC conditions and post-1990 NESC conditions.
- 6) applications of the NESC vertical and diagonal clearances required over roofs, beside buildings, structures, etc.
- 7) application of the general NESC requirements including inspections, work rules, etc.

PUBLICATIONS

1. Contributing Author
 2. Principal-In-Charge
 3. Principal-In-Charge
 4. Principal-In-Charge
 5. Principal-In-Charge
 6. Principal-In-Charge
- NRECA "A to Z" Distribution Automation Manual (1999).
 - NRECA Materials Feasibility Study (1999).
 - NRECA Animal Caused Outage Manual (1995).
 - United Utility Supply – A guide for the economic Evaluation of Distribution Transformers (1993).
 - NRECA Simplified Staking Manual (1992).
 - TVPPA Transmission & Distribution Standard and Specifications Manual (1990).