

David R. Scott

Western New England College
B. S. in Electrical Engineering
Masters of Business Administration

David Scott joined Plexus Research, and R. W. Beck Company, in 2007 as a Senior Consultant. He is a prominent industry leader in electric metering, Automatic Meter Reading (AMR), and Advanced Metering Infrastructure (AMI). Since 1978 he has concentrated on metering, meter testing, data collection, AMR, and AMI technologies and strategies.

Mr. Scott recently brought his 34 years of utility industry, metering, AMR, and AMI expertise to Plexus Research, joining the Plexus team in late 2007. As a member of the Plexus team, he has already begun conducting market research for clients.

Between 1973 and 2007, Mr. Scott held engineering, principal, and management positions at Northeast Utilities (NU) in the distribution, substation, and metering disciplines. He offers more than 29 years of metering experience in electric utility engineering/operations, meter reading, meter testing, data collections, project management, and gas metering systems.

Mr. Scott's strong metering technology skills have been called on by leading meter manufacturers in numerous occasions to be directly involved in the initial design, testing, and deployment of several leading types of solid state meters and metering systems. He has worked closely with selected meter manufacturers to inspire and steer several features and options now readily available in all or most solid state meters today.

Mr. Scott spearheaded urgent analytical and lab testing programs to address significant premature failure issues with solid state meters. He worked closely with selected meter vendors to address microprocessor, thermal, and materials issues. This analysis and coordination led to significant design improvements that benefited the entire industry, and recommended practices in meter procurements.

At NU, Mr. Scott managed one of the largest deployments of AMR technology in North America with over 1.6 million electric and gas meters in Connecticut Light & Power and Western Massachusetts Electric Company, both NU subsidiaries. In support of sponsoring this deployment strategy he created the now commonly used industry phrases "Surgical AMR" and "Surgical AMI". This system also included several thousand AMI metering points, remote disconnect/reconnect-service devices, and customer interface features.

Mr. Scott is currently the Vice President of Communications for Utilimetrics (formerly Automatic Meter Reading Association – AMRA). He serves as a Trustee, member of Executive Committee, Symposium speaker, and is an 18 year member of the organization. As an executive committee member, Mr. Scott has been instrumental in steering the organization from an AMR core focus to an advanced metering, data



collection, meter data management, and related infrastructure organization.

He served as corporate representative of Northeast Utilities to the Electric Power Research Institute (EPRI) in areas of metering, AMI, and demand response. He was instrumental in supporting the extended life testing of solid state meters in the EPRI Lenox, Massachusetts laboratory. Recently he helped steer the EPRI “Energy Efficiency Initiative” that included AMI technologies, infrastructure, and Smart Appliances. He was instrumental in supporting the Infrastructure working groups’ effort to lab test available AMI technologies to help determine technical requirements, cost/benefit, demand response, and capabilities of commercially available AMI systems.

Mr. Scott is a long standing member of the Edison Electric Institute (EEI) Meter Service Committee as NU’s representative as well as a member of the NU representative in the Association of Edison Illuminating Companies (AEIC). In these organizations Mr. Scott was instrumental in developing and enhancing metering standards as well as authored sections and edited the last two versions of the Handbook for Electricity Metering. In EEI, Mr. Scott chaired the “Customer Interfaces Working Group” focused on Home Area Network (HAN) standards and developments as well as remote disconnect/reconnect products both external and internal to the meter.

Regionally, Mr. Scott is a long term and influential member of the Electric Council of the North East (ECNE). As a 30 year member of the organization, he guided and helped steer the growth of the Meter Service and Revenue Protection Committee into a strong and vibrant organization that provides the leading regional annual metering school as well as semiannual meetings on critical topics. As chairman of the Meter School, he helped form the ECNE school curriculum including advanced metering, guided the creation and operation of the acclaimed courses, recruited and trained instructors and guest speakers, and moderated courses. Over 1,200 utility and associated personnel have attended ECNE courses that Mr. Scott developed. In his tenure as chair of the Meter Service and Revenue Protection Committee, he shepherd the growth of the membership to double in size and developed partnerships with national organizations to provide regional workshops on AMI and Smart Grid communication technologies.

Mr. Scott has authored many papers in the field and has been quoted in the utility trade press and is a frequently invited speaker at industry symposia including Utilimetrics, DistribuTech, Metering Americas, and EEI. Mr. Scott participates regularly in national and international conferences on metering, AMI/AMR, demand-side technology and remote data acquisition.

Mr. Scott prepared, presented, recommended, in testimony before state regulatory commissions in Connecticut, Massachusetts, and New Hampshire. He served as the company expert witness in matters pertaining to AMR, restructuring, remote disconnect/reconnect, and metering accuracy matters. As the company expert witness on AMI technology and strategy, his testimony helped steer the Connecticut Department of Utility Control decision to deploy AMI to support the customers’ ability to control costs and overall for the company shift load from peak to off peak periods.

Professional Activities

- Automatic Meter Reading Association (AMRA) Vice President of Communications, Trustee and member of Executive Committee, 18 year member, and symposium speaker
- Edison Electric Institute (EEI) Meter Service Committee Member and working group Chairman since 1984
- Electric Council of the North East (ECNE), Meter Service Committee Chairman, former School Committee Chairman, and member since 1975