

Presentation # 10

Presenter: Luther Dow, Quanta Technology

Title: Planning of the Smart Distribution Grid

Biography

Luther Dow, PE, Sr. Director of Distribution and West Coast Operations for Quanta Technology, has more than 35 years of electric utility, research and consulting experience. He has had numerous utility managerial and technical responsibilities, including electric distribution planning, electric distribution operations, transmission, substation and distribution construction and maintenance, asset strategy and project prioritization. Luther joined Quanta Technology in 2008 and since then has consulted on issues involved with asset assessment, capital budgeting, project prioritization and distribution reliability. Prior to joining Quanta Technology, he worked for Pacific Gas and Electric Co., where he held numerous engineering and management positions. When he left, he was Director, Electric Asset Strategy. In this position he was responsible for distribution and transmission planning and the development and prioritization of the short and long transmission and distribution capital budgets. Luther was also an EPRI director responsible for the development and prioritization of their transmission and distribution R&D program, including EPRI's System of the Future and Sr. V.P. for Doble Engineering, responsible for their transformer and breaker testing programs. Luther received his BSEE and MBA from California State University, Sacramento. He is a registered professional engineer in California.