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RLC Engineering, LLC (RLC) is a Maine-based consulting firm offering a full range of services in the electric utility engineering field. From initial concept to final commissioning, we specialize in the areas of Power System Studies, Engineering & Design, and Renewable Generation Design. In addition to serving the needs of transmission and distribution owners, RLC Engineering supports the technical assessment needs of regional transmission system operators, generation developers, and large industrial customers. RLC Engineering is also a leader in evaluating and supporting the development of renewable energy resource projects. Through our team's veteran leadership, we have the knowledge and experience to solve any engineering challenges that come our way – our five key principals have over 30 years of experience each.

RLC's team of more than 50 technical professionals provide innovative electrical engineering solutions, tailored to fit specific needs of each our clients. Our Engineers bring extensive experience in the study, planning, and design of complex power systems, understanding the need for efficiency, flexibility, attention to detail, and value for money.

RLC is widely recognized as a leading industry provider of Power System Studies in the northeast. We perform a full breadth of transmission and distribution system planning and operational studies for electric utilities and energy developers. Owners of T&D systems must find effective ways to meet mandated reliability standards and power quality requirements while meeting the challenges of grid modernization. With large amounts of distributed energy resources interconnecting and other non-transmission alternatives competing with traditional grid solutions, energy developers, utilities, regulators, and system operators will depend on power system studies to maintain the security and dependability of the electric grid. Clearly, the future grid will look different from that of today and more stakeholders will be involved and will need system studies to manage this myriad of challenges.

RLC offers a comprehensive package of engineering & design services including Substation, Transmission Line, Protection & Controls and Automation & Integration design. Our substation and transmission facility design services range from 12.47 kV to 345 kV. RLC's engineers have extensive experience with substation and switchyard design for transmission and distribution systems, as well as design experience with wind farm collector systems, interconnection substations, and transmission facilities for power plant and utility service applications.

RLC provides engineering solutions to complex power systems focusing on a variety of energy related markets. RLC has experienced personnel who provide in-depth knowledge of electrical systems and can pinpoint problems and provide cost effective solutions to power systems including specialties such as Photovoltaic, Wind, Standby and Emergency Generation. Our engineering services cover the full life of a system from concept and feasibility to design and commissioning as well as maintenance support.

In addition to our design and construction activities, we have also evaluated more than fifty proposed distributed generation projects in Massachusetts, Connecticut, and Vermont under state tariff regulations and requirements. RLC is experienced and knowledgeable with a myriad of distributed generator technologies and IEEE 1547 Standards for Interconnecting Distributed Resources. RLC maintains up-to-date working knowledge of North American Electrical Reliability Corporation (NERC) and Regional Standards and Criteria.