

Summary

Chris Sturgill joined ScottMadden in 2015 after eight years with IBM in server hardware design. Since joining the firm, his work has focused on facilitating the clean energy transition through grid modernization, integration of distributed energy resources, electric vehicles, and regulatory reform. Chris has delivered projects to develop investment road maps, business cases, and regulatory filings for modernization investments. He has also conducted business and strategic planning and assessed organizations to identify efficiencies. Prior to working at ScottMadden, he worked as a reliability engineer to improve server hardware quality and resiliency. Chris earned a B.S. in engineering sciences and mechanics, with a minor in mathematics, at Virginia Tech and an M.B.A. from the University of North Carolina Kenan-Flagler Business School.

Areas of Specialization

- Grid edge/grid modernization
- Electric distribution
- Electric vehicles
- Distributed generation
- Regulatory policy

Recent Assignments

- Develop a site-by-site fleet and facility plan for a northeastern utility to electrify their fleet of light and heavy-duty vehicles to meet corporate targets
- Assessed the new business process for vehicle and building electrification customers of a large northeastern utility and developed a road map of technology, process, staffing, and customer engagement recommendations to save time and improve the customer experience
- Developed a long-term decarbonization strategy, consisting of a resource plan, operational and financial impacts, enabling technologies and policies, and guideposts, for a vertically integrated southeastern utility
- Assessed the staffing model and training practices of the transmission and distribution control rooms of a utility that was implementing grid modernization technologies and developed recommendations that address current challenges
- Performed due diligence analysis for a private equity firm interested in acquiring a multistate transmission company, identifying regulatory and market trends, benchmarking against peer utilities, and developing growth scenarios to support financial modeling
- Developed electromobility business models for a heavy-duty vehicle OEM to share with their dealer network that characterize the operational and financial impacts of converting heavy-duty trucks from diesel to electric
- Assessed the engineering organizations at a large northeastern utility and made recommendations for efficiency, reorganization, and outsourcing
- Supported a generation and transmission cooperative in developing their vision of the grid operator of the future and building buy-in with the board of directors
- Developed the deal structure, implementation plan, decision factors, and regulatory messaging for a large northeastern electric utility that is considering leveraging its AMI network to provide smart city services
- Developed a grid modernization road map, including the necessary supporting business cases, testimony, and exhibits for the rate case process, for a large northeastern electric utility
- Developed the process by which a utility evaluates and procures non-wires alternatives to defer traditional grid infrastructure
- Developed utility regulatory filings to define plans to incorporate distributed energy resources in utility planning, operations, and system administration as part of the NY REV proceeding