

Biography

Karen Studarus leads the Resilience Team in the Electricity Infrastructure Group at Pacific Northwest National Laboratory (PNNL), and joined the lab in 2014 as a senior power systems engineer. Her research includes power system flexibility, economics and resilience; hydropower operations; and distributed and renewable energy resources. Her work at PNNL includes [GridPIQ](#) – a web calculator to explore the impacts of grid projects in the interconnected grid. She is a member of the IEEE Power and Energy Society and has been a DOE Hydropower Research Foundation Fellow. She received her B.S. in Engineering from Harvey Mudd College in Claremont, California, her M.S. in Electrical Engineering from the University of Washington (UW) in Seattle, focused on Operational Flexibility in the Federal Columbia River Power System.