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Mary Ann Piette is a Senior Scientist and the Director of the Building Technology and Urban Systems (BTUS) Division in the Energy Technologies Area at Lawrence Berkeley National Laboratory.

She oversees Berkeley Lab's building technology research activities for the U.S. Department of Energy which covers appliance standards, technology analysis and tools to accelerate deployment, new building technologies, modeling and analysis, commercial and residential building systems integration, grid interactive communications, and integration with EVs, storage and PVs. Her most recent work is exploring how to accelerate decarbonization while ensuring equity and affordability. The BTUS Division also conducts research in data center energy efficiency, industrial energy efficiency, and federal energy management programs. BTUS partners with dozens of public and private sector partners around the US and internationally, including universities, control and HVAC companies, windows manufacturers, utilities, state agencies, aggregators, non-profits, and many others.

Mary Ann also leads the new California Load Flexibility Research and Deployment Hub (CalFlexHub) which will pioneer new technologies, and advanced communication and controls to enable buildings to receive automated dynamic pricing and GHG signals.

She has been a visiting researcher at both the Commonwealth Scientific and Industrial Research Organization in Newcastle, Australia and the Chalmers University of Technology, Department of Building Services Engineering in Gothenberg, Sweden.

Mary Ann has authored over 95 peer reviewed publications related to energy efficiency and demand response and has worked at LBNL since 1983. She is a board member of the American Council for an Energy Efficient Economy where she chairs the Research Advisory Board. She is also on the Board of the OpenADR Alliance. Mary Ann has an MS in Mechanical Engineering from UC Berkeley and a Licentiate in Building Services Engineering from the Chalmers University of Technology in Sweden.