



## PSERC WEBINAR

### Towards Usable Flexibility in Power Systems

**Constance Crozier**

Georgia Institute of Technology

This presentation will focus on the integration of demand flexibility into power system operation and planning. The past years have seen increase in electricity demand from new loads, such as electrified vehicles, heat pumps, and data centers. These devices are large energy consumers but their modern design means that they all have some degree of potential controllability. Many of these loads have inherent latency in their consumption, which is to say that demand can be shifted in time without significantly affecting their usefulness. Conservative estimates suggest that 100 GWh of battery capacity exist among electric vehicles on the road in the USA. However, accessing this resource is challenging due to uncertainty and ownership. This talk will explore how we can create representative models for aggregate flexibility, and how these models might be used to eventually dispatch flexibility.

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**FEBRUARY 11, 2026**

[LINK TO WEBINAR](#)

**1:00-2:00 P.M. ET**

(10:00-11:00 A.M. PT)

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Constance Crozier is an Assistant Professor in the School of Industrial and Systems Engineering at Georgia Tech. She received both her undergraduate and PhD degrees from the University of Oxford, in 2016 and 2020 respectively. Before starting at Georgia Tech, she spent time at the UK government as a technical energy specialist, and then as a postdoc at CU Boulder where she worked on the ARPA-E Grid Optimization (GO) competition. Her research focuses on the operation and planning of power systems with large shares of renewable generation — particularly focusing on the mechanisms to increase the flexibility of the system. A large focus of her research is in transport electrification, and she is currently chairing an IEEE PES Task Force investigating the integration of EV charging into the grid.

