

Committee on Energy Resources and the Environment



NRRI Research Update for NARUC ERE Committee

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NARUC 129th Annual Meeting, Baltimore, November 2017

nrri NRRI research updates...

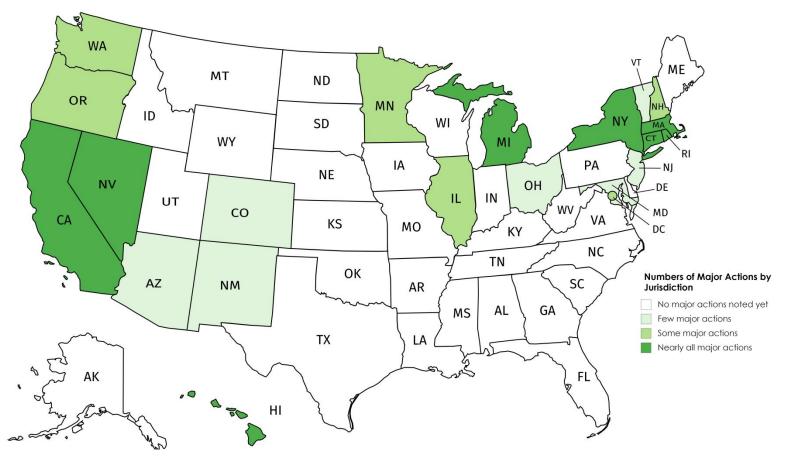
- New research papers:
 - Ken Costello: NRRI 17-01 Natural Gas as Bridge Fuel, and coming soon NRRI 17-06 Electrification: The Link between Markets, Consumer Behavior and Public Policy
 - Sherry Lichtenberg: NRRI 17-03 Broadband Adoption, and coming soon NRRI 17-07 Telecommunications Regulation 2017: A State Perspective
 - Kathryn Kline: NRRI 17-05 Small Water Systems, and coming soon NRRI 17-08 Water Distribution System Improvement Charges: A Review of Practices
 - Tom Stanton: paper coming soon on *Updating State Interconnection Rules for Modern-Grid Realities,* and next on *Updating Regulation for Rapidly Proliferating DER*
- NRRI Research Colloquium in Baltimore, *Tuesday*, *3-4:30pm*

Next paper on **Grid-modernization for DER**

Major actions in ~20 states so far

- Six important drivers for those actions
 A dozen major types of state regulatory actions
 Other actions driven by utilities, by states and cities, by customers, by third-parties
- Case studies of early successes based on those action types
- Best-practices in forecasting DER, both broadly and by location

Major grid-modernization actions are underway in at least 20 states plus DC. A forthcoming NRRI report reviews those activities and reports on early successes in adapting regulations to growing DER.



Major action types: Broad Grid-Modernization Initiatives (15 states)'; Utility business model reviews (11 states); incorporating DER into IRP (8 states); updating distribution system planning methods (9 states); energy storage studies, procurement (14 states); and others (16 states).

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