

S 1875

Flexible Grid Infrastructure Act of 2017

Congress: 115 (2017–2019, Ended)

Chamber: Senate

Policy Area: Energy

Introduced: Sep 27, 2017

Current Status: Committee on Energy and Natural Resources Subcommittee on Energy. Hearings held. With printed Hearin

Latest Action: Committee on Energy and Natural Resources Subcommittee on Energy. Hearings held. With printed Hearing: S.Hrg. 115-534. (Nov 29, 2018)

Official Text: <https://www.congress.gov/bill/115th-congress/senate-bill/1875>

Sponsor

Name: Sen. Wyden, Ron [D-OR]

Party: Democratic • **State:** OR • **Chamber:** Senate

Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Coons, Christopher A. [D-DE]	D · DE		Oct 4, 2017

Committee Activity

Committee	Chamber	Activity	Date
Energy and Natural Resources Committee	Senate	Hearings By (subcommittee)	Nov 29, 2018

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

Bill	Relationship	Last Action
115 S 1874	Related bill	Sep 27, 2017: Read twice and referred to the Committee on Energy and Natural Resources. (Sponsor introductory remarks on measure: CR S6188)

Flexible Grid Infrastructure Act of 2017

This bill amends the Energy Policy Act of 2005 to require the Federal Energy Regulatory Commission (FERC) and the Department of Energy (DOE) to address the flexibility, reliability, resilience, affordability, efficiency, and security of the electric grid. Specifically, FERC and DOE must: (1) access the technical and economic potential of distributed energy resources, and (2) establish an online clearinghouse of data relating to distributed energy resources. A distributed energy resource means an electric device that can produce or consume energy that is located on the grid distribution system or on the customer side of the electric grid (e.g., solar roofs).

DOE must also:

- provide technical assistance, an action plan, tools, and information relating to the deployment of distributed energy resources and grid-scale energy storage;
- research and develop the electrification of transportation, heating, and other technologies;
- develop model standards to assist states, electric cooperatives, and publicly owned electric utilities in the voluntary updating of standards for resource and energy assurance planning, ensuring distribution-grid reliability from natural disasters, and improving security;
- evaluate whether new performance standards and testing procedures are needed to ensure the resilience of electrical equipment to security threats or natural disasters;
- develop guidelines for calculating the costs and benefits of investments in resilience and security solutions for the electric grid;
- provide related workforce training; and
- establish the Flexible Grid Challenge 2022, a grant program that helps states enhance the peak load management and flexibility of the electric grid.

Actions Timeline

- **Nov 29, 2018:** Committee on Energy and Natural Resources Subcommittee on Energy. Hearings held. With printed Hearing: S.Hrg. 115-534.
- **Sep 27, 2017:** Introduced in Senate
- **Sep 27, 2017:** Read twice and referred to the Committee on Energy and Natural Resources. (Sponsor introductory remarks on measure: CR S6188)