

S 2444

Energy Cybersecurity Act of 2018

Congress: 115 (2017–2019, Ended)

Chamber: Senate

Policy Area: Energy

Introduced: Feb 15, 2018

Current Status: Read twice and referred to the Committee on Energy and Natural Resources.

Latest Action: Read twice and referred to the Committee on Energy and Natural Resources. (Feb 15, 2018)

Official Text: <https://www.congress.gov/bill/115th-congress/senate-bill/2444>

Sponsor

Name: Sen. Cantwell, Maria [D-WA]

Party: Democratic • State: WA • Chamber: Senate

Cosponsors (2 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Heinrich, Martin [D-NM]	D · NM		Feb 15, 2018
Sen. King, Angus S., Jr. [I-ME]	I · ME		Aug 15, 2018

Committee Activity

Committee	Chamber	Activity	Date
Energy and Natural Resources Committee	Senate	Referred To	Feb 15, 2018

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

Bill	Relationship	Last Action
115 S 1460	Related bill	Sep 19, 2017: Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 115-485.

Energy Cybersecurity Act of 2018

This bill directs the Department of Energy (DOE) to develop advanced cybersecurity applications and technologies for the energy sector.

DOE shall:

- advance the security of field devices and third-party control systems;
- leverage electric grid architecture as a means to assess risks to the energy sector, including by implementing an all-hazards approach to communications infrastructure, control systems architecture, and power systems architecture;
- perform pilot demonstration projects with the energy sector to gain experience with new technologies; and
- develop workforce development curricula for energy sector-related cybersecurity.

DOE may also implement within the energy sector cybertesting and cyberresilience programs that target:

- DOE emergency response capabilities,
- cooperation with the intelligence communities for energy sector-related threat collection and analysis,
- enhancing the tools of DOE and the Electricity Sector Information Sharing and Analysis Center (ES-ISAC) for monitoring the status of the energy sector,
- expanding industry participation in ES-ISAC, and
- technical assistance to small electric utilities to assess cybermaturity posture.

DOE must develop an advanced energy security program that secures diverse energy networks in order to increase the functional preservation of the electric grid operations or natural gas and oil operations in the face of natural and human-made threats and hazards, including electric magnetic pulse and geomagnetic disturbances.

DOE shall study alternative management structures and funding mechanisms to expand industry membership and participation in ES-ISAC.

Actions Timeline

- **Feb 15, 2018:** Introduced in Senate
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