

S 2333

Energy Cybersecurity Act of 2019

Congress: 116 (2019–2021, Ended)

Chamber: Senate

Policy Area: Energy

Introduced: Jul 30, 2019

Current Status: Placed on Senate Legislative Calendar under General Orders. Calendar No. 264.

Latest Action: Placed on Senate Legislative Calendar under General Orders. Calendar No. 264. (Oct 23, 2019)

Official Text: <https://www.congress.gov/bill/116th-congress/senate-bill/2333>

Sponsor

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

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

Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Heinrich, Martin [D-NM]	D · NM		Jul 30, 2019

Committee Activity

Committee	Chamber	Activity	Date
Energy and Natural Resources Committee	Senate	Reported By	Oct 23, 2019

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

No related bills are listed.

Energy Cybersecurity Act of 2019

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

- **Oct 23, 2019:** Committee on Energy and Natural Resources. Reported by Senator Murkowski without amendment. With written report No. 116-144.
- **Oct 23, 2019:** Placed on Senate Legislative Calendar under General Orders. Calendar No. 264.
- **Sep 25, 2019:** Committee on Energy and Natural Resources. Ordered to be reported without amendment favorably.
- **Jul 30, 2019:** Introduced in Senate
- **Jul 30, 2019:** Read twice and referred to the Committee on Energy and Natural Resources.