

## S 1241

Enhanced Grid Security Act of 2015

**Congress:** 114 (2015–2017, Ended)

**Chamber:** Senate

**Policy Area:** Energy

**Introduced:** May 7, 2015

**Current Status:** Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-344.

**Latest Action:** Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-344. (Jun 9, 2015)

**Official Text:** <https://www.congress.gov/bill/114th-congress/senate-bill/1241>

### Sponsor

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

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

### Cosponsors

*No cosponsors are listed for this bill.*

### Committee Activity

Committee	Chamber	Activity	Date
Energy and Natural Resources Committee	Senate	Hearings By (full committee)	Jun 9, 2015

### Subjects & Policy Tags

**Policy Area:**

Energy

### Related Bills

Bill	Relationship	Last Action
114 S 2012	Related bill	Sep 8, 2016: Conference held.
114 S 2089	Related bill	Sep 29, 2015: Read the second time. Placed on Senate Legislative Calendar under General Orders. Calendar No. 241.

## Enhanced Grid Security Act of 2015

This bill designates the Department of Energy (DOE) as the lead Sector-Specific Agency for cybersecurity for the energy sector (this action comports with the presidential policy directive entitled "Critical Infrastructure Security and Resilience" dated February 12, 2013).

DOE shall:

- develop advanced cybersecurity applications and technologies for the energy sector;
- 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 shall 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

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- **Jun 9, 2015:** Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-344.
- **May 7, 2015:** Introduced in Senate
- **May 7, 2015:** Read twice and referred to the Committee on Energy and Natural Resources.