

S 2447

Smart Building Acceleration Act

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/2447>

Sponsor

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

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

Cosponsors (1 total)

| Cosponsor | Party / State | Role | Date Joined |
|-------------------------|---------------|------|--------------|
| Sen. Smith, Tina [D-MN] | D · MN | | Feb 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 HR 5069 | Related bill | Feb 23, 2018: Referred to the Subcommittee on Energy. |
| 115 S 1460 | Related bill | Sep 19, 2017: Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 115-485. |

Smart Building Acceleration Act

This bill requires the Department of Energy (DOE) to establish a Federal Smart Building Program to implement smart building technology in certain federal buildings and demonstrate the costs and benefits of smart buildings. Smart buildings are buildings with energy systems that: (1) are flexible and automated; (2) have extensive operational monitoring and communication connectivity, allowing remote monitoring and analysis of building functions; (3) take a systems-based approach in integrating the overall building operations for control of energy generation, consumption, and storage; (4) communicate with utilities and other third-party commercial entities, if appropriate; (5) protect the health and safety of occupants and workers; and (6) are cybersecure.

DOE may expand awards made under the Federal Energy Management Program and the Better Building Challenge to recognize specific federal agency achievements in accelerating the adoption of smart building technologies.

DOE must conduct a survey of privately owned smart buildings throughout the United States and evaluate their costs and benefits.

As part of the Better Building Challenge, DOE must demonstrate policies and approaches that accelerate the transition to smart buildings. DOE must conduct research and development on barriers to the integration of advanced building technologies.

Actions Timeline

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