

S 1046

Smart Building Acceleration Act

Congress: 114 (2015–2017, Ended)

Chamber: Senate

Policy Area: Energy

Introduced: Apr 22, 2015

Current Status: Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-166.

Latest Action: Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-166. (Apr 30, 2015)

Official Text: <https://www.congress.gov/bill/114th-congress/senate-bill/1046>

Sponsor

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

Party: Democratic • State: WA • Chamber: Senate

Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Murkowski, Lisa [R-AK]	R · AK		Jun 16, 2015

Committee Activity

Committee	Chamber	Activity	Date
Energy and Natural Resources Committee	Senate	Hearings By (full committee)	Apr 30, 2015

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

Bill	Relationship	Last Action
114 S 2089	Related bill	Sep 29, 2015: Read the second time. Placed on Senate Legislative Calendar under General Orders. Calendar No. 241.
114 HR 2564	Identical bill	Aug 18, 2015: Referred to the Subcommittee on Research and Technology.

Smart Building Acceleration Act

Directs the Department of Energy (DOE) to: (1) conduct a survey of privately owned smart buildings throughout the nation, select at least one building each from an appropriate range of building sizes and types, and evaluate the costs and benefits of such buildings using the guidelines of the Federal Energy Management Program relating to whole-building evaluation, measurement, and verification; and (2) establish a program to establish one or more smart buildings under the jurisdiction of the General Services Administration and the Departments of Defense, Energy, and Veterans Affairs to demonstrate and evaluate the costs and benefits of smart buildings. Requires such evaluations to include an identification of which advanced building technologies are most cost-effective and show the most promise for increasing building energy savings, increasing service performance to building occupants, and reducing environmental impacts.

Defines a "smart building" to mean a building with an energy system that:

- is flexible and automated;
- has extensive operational monitoring and communication connectivity, allowing remote monitoring and analysis of all building functions;
- is integrated with the overall building operations for control of energy generation, consumption, and storage; and
- communicates with utilities and other third party commercial entities.

Directs DOE: (1) as part of DOE's Better Building Challenge, to develop a smart building accelerator in consultation with major private sector property owners to demonstrate innovative policies and approaches that will accelerate the transition to smart buildings; and (2) to conduct research and development to address key barriers to the integration of advanced building technologies and to accelerate the transition to smart buildings.

Actions Timeline

- **Apr 30, 2015:** Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-166.
- **Apr 22, 2015:** Introduced in Senate
- **Apr 22, 2015:** Read twice and referred to the Committee on Energy and Natural Resources.