

HR 2564

Smart Building Acceleration Act

Congress: 114 (2015–2017, Ended)

Chamber: House

Policy Area: Energy

Introduced: May 21, 2015

Current Status: Referred to the Subcommittee on Research and Technology.

Latest Action: Referred to the Subcommittee on Research and Technology. (Aug 18, 2015)

Official Text: <https://www.congress.gov/bill/114th-congress/house-bill/2564>

Sponsor

Name: Rep. Welch, Peter [D-VT-At Large]

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

Cosponsors (2 total)

| Cosponsor | Party / State | Role | Date Joined |
|--------------------------------|---------------|------|--------------|
| Rep. Kinzinger, Adam [R-IL-16] | R · IL | | May 21, 2015 |
| Rep. Castor, Kathy [D-FL-14] | D · FL | | Jul 16, 2015 |

Committee Activity

| Committee | Chamber | Activity | Date |
|---|---------|-------------|--------------|
| Energy and Commerce Committee | House | Referred to | May 22, 2015 |
| Science, Space, and Technology Committee | House | Referred to | Aug 18, 2015 |
| Transportation and Infrastructure Committee | House | Referred to | May 22, 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 S 1046 | Identical bill | Apr 30, 2015: Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-166. |

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

- **Aug 18, 2015:** Referred to the Subcommittee on Research and Technology.
- **May 22, 2015:** Referred to the Subcommittee on Energy and Power.
- **May 22, 2015:** Referred to the Subcommittee on Economic Development, Public Buildings and Emergency Management.
- **May 21, 2015:** Introduced in House
- **May 21, 2015:** Referred to the Committee on Energy and Commerce, and in addition to the Committees on Transportation and Infrastructure, and Science, Space, and Technology, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned.