

S 715

Smart Manufacturing Leadership Act

Congress: 116 (2019–2021, Ended)

Chamber: Senate

Policy Area: Energy

Introduced: Mar 7, 2019

Current Status: Placed on Senate Legislative Calendar under General Orders. Calendar No. 183.

Latest Action: Placed on Senate Legislative Calendar under General Orders. Calendar No. 183. (Sep 10, 2019)

Official Text: <https://www.congress.gov/bill/116th-congress/senate-bill/715>

Sponsor

Name: Sen. Shaheen, Jeanne [D-NH]

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

Cosponsors (2 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Alexander, Lamar [R-TN]	R · TN		Mar 7, 2019
Sen. Hassan, Margaret Wood [D-NH]	D · NH		Apr 11, 2019

Committee Activity

Committee	Chamber	Activity	Date
Energy and Natural Resources Committee	Senate	Reported By	Sep 10, 2019

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

Bill	Relationship	Last Action
116 HR 1633	Related bill	Mar 8, 2019: Referred to the Subcommittee on Energy.

Smart Manufacturing Leadership Act

This bill addresses the productivity and energy efficiency of the manufacturing sector as well as the development of smart manufacturing technologies (certain advanced technologies in information, automation, monitoring, computation, sensing, modeling, and networking).

The Department of Energy (DOE) must complete a national plan for smart manufacturing technology development and deployment to improve the productivity and energy efficiency of the U.S. manufacturing sector. DOE must revise the plan biennially to account for advancements in information and communication technology and manufacturing needs.

DOE may make grants to states for supporting the implementation of smart manufacturing technologies. States must use those grants to (1) provide access to shared supercomputing facilities to small- and medium-sized manufacturers, (2) fund research and development of transformational manufacturing processes and materials technology that advance smart manufacturing, and (3) provide tools and training to aid the adoption of energy management systems and implement smart manufacturing technologies in the manufacturers' facilities.

DOE must expand the scope of technologies covered by Industrial Assessment Centers to (1) include smart manufacturing technologies and practices, and (2) equip the centers' directors with the training and tools necessary to provide technical assistance in smart manufacturing technologies and practices.

DOE must (1) study how it can increase access to existing high-performance computing resources in the National Laboratories, and (2) facilitate access to the laboratories by small- and medium-sized manufacturers.

Actions Timeline

- **Sep 10, 2019:** Committee on Energy and Natural Resources. Reported by Senator Murkowski without amendment. With written report No. 116-80.
- **Sep 10, 2019:** Placed on Senate Legislative Calendar under General Orders. Calendar No. 183.
- **Jul 16, 2019:** Committee on Energy and Natural Resources. Ordered to be reported without amendment favorably.
- **Mar 7, 2019:** Introduced in Senate
- **Mar 7, 2019:** Read twice and referred to the Committee on Energy and Natural Resources.