

S 3120

Smart Manufacturing Leadership Act of 2021

Congress: 117 (2021–2023, Ended)

Chamber: Senate

Policy Area: Energy

Introduced: Oct 28, 2021

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. (Oct 28, 2021)

Official Text: <https://www.congress.gov/bill/117th-congress/senate-bill/3120>

Sponsor

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

Party: Democratic • State: NH • Chamber: Senate

Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Portman, Rob [R-OH]	R · OH		Oct 28, 2021

Committee Activity

Committee	Chamber	Activity	Date
Energy and Natural Resources Committee	Senate	Referred To	Oct 28, 2021

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

No related bills are listed.

Smart Manufacturing Leadership Act of 2021

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).

Specifically, the Department of Energy (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.

In addition, DOE must expand the scope of technologies covered by its 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 also (1) study how it can increase access to existing high-performance computing resources in its National Laboratories, and (2) facilitate access to the laboratories by small- and medium-sized manufacturers.

Actions Timeline

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