

S 1506

GREEN Communications Act

Congress: 117 (2021–2023, Ended)

Chamber: Senate

Policy Area: Science, Technology, Communications

Introduced: Apr 29, 2021

Current Status: Read twice and referred to the Committee on Commerce, Science, and Transportation.

Latest Action: Read twice and referred to the Committee on Commerce, Science, and Transportation. (Apr 29, 2021)

Official Text: <https://www.congress.gov/bill/117th-congress/senate-bill/1506>

Sponsor

Name: Sen. Markey, Edward J. [D-MA]

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

Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Wyden, Ron [D-OR]	D · OR		Apr 29, 2021

Committee Activity

Committee	Chamber	Activity	Date
Commerce, Science, and Transportation Committee	Senate	Referred To	Apr 29, 2021

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

Bill	Relationship	Last Action
117 HR 8178	Related bill	Jun 22, 2022: Referred to the House Committee on Energy and Commerce.

Generating Resilient and Energy Efficient Network Communications Act or the GREEN Communications Act

This bill establishes a program and sets out other requirements for federal agencies concerning the efficiency and resiliency of communications infrastructure.

Specifically, the National Telecommunications and Information Administration (NTIA) must competitively award grants and revolving loans to public or private providers, operators, or owners of communications networks or communications infrastructure for efficiency and resiliency projects. The NTIA must also (1) develop best practices concerning energy-efficient and carbon-neutral communications infrastructure, and (2) annually report on the energy efficiency and greenhouse gas emissions of communications infrastructure and certain network outages.

Additionally, the Federal Communications Commission (FCC) must establish a framework to promote resilient communications networks and communications infrastructure. The FCC must consult with specified federal entities on the framework. The FCC must also

- report on the feasibility of maintaining a map of projected risks to communications infrastructure arising from severe weather, natural disasters, and climate change;
- provide technical assistance to a provider, owner, or operator of communications infrastructure concerning risks and vulnerabilities related to severe weather, natural disasters, and climate change; and
- require broadband network outages to be reported to the Network Outage Reporting System.

The bill also requires the Department of Energy to report on the projected growth of electrical consumption of, and recommendations for energy efficiency standards for, data centers in the United States.

Actions Timeline

- **Apr 29, 2021:** Introduced in Senate
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