



Citizens' Climate Lobby

The ADVANCE Act (S.1111) and The Atomic Energy Advancement Act (H.R.6544)

The Advance Act (S.1111) introduced by Senators Shelley Moore Capito (R-WV), Tom Carper (D-DE), Sheldon Whitehouse (D-RI) and the The Atomic Energy Advancement Act (H.R.6544) introduced by Reps. Jeff Duncan, (R-SC) and Diana DeGette, (D-CO), would both facilitate American nuclear leadership and help develop and deploy new advanced nuclear technologies while preserving existing nuclear generation.

Nuclear energy

Nuclear power is a key source of firm reliable emissions free energy. Currently, nuclear power supplies 20% of America's electricity and is 47% of America's carbon-free electricity, making it the largest current domestic source of non-emissive energy.

As we strive to reduce emissions across the U.S. economy while responding to greater demands for electricity, nuclear energy and particularly new advanced nuclear power generation will play a key role in achieving a stable and emissions-free foundation for our energy systems.

The ADVANCE Act (S.1111) and The Atomic Energy Advancement Act (H.R.6544)

Both bills provide incentives for developing and deploying new nuclear technologies, such as reduced licensing fees and prize awards for deploying such technologies. They also extend through the indemnification policy under the Price-Anderson Act that limits liability related to the nuclear industry.

Both bills also require the Nuclear Regulatory Commission (NRC) to develop a process that enables timely licensing of nuclear production facilities or utilization facilities at brownfield sites, as well as provisions aimed at addressing staffing issues at the NRC. Along with other provisions.

Status

The ADVANCE Act passed the Senate as part of the FY 2024 National Defense Authorization Act (NDAA). The Atomic Energy Advancement Act recently passed the House in an overwhelming bipartisan vote. The Senate and House now need to reconcile the two bills.