

HR 8674

Milestones for Advanced Nuclear Fuel Act

Congress: 118 (2023–2025, Ended)

Chamber: House

Policy Area: Energy

Introduced: Jun 7, 2024

Current Status: Placed on the Union Calendar, Calendar No. 580.

Latest Action: Placed on the Union Calendar, Calendar No. 580. (Sep 18, 2024)

Official Text: <https://www.congress.gov/bill/118th-congress/house-bill/8674>

Sponsor

Name: Rep. Williams, Brandon [R-NY-22]

Party: Republican • **State:** NY • **Chamber:** House

Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Sorensen, Eric [D-IL-17]	D · IL		Jun 7, 2024

Committee Activity

Committee	Chamber	Activity	Date
Science, Space, and Technology Committee	House	Reported By	Sep 18, 2024

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

No related bills are listed.

Milestones for Advanced Nuclear Fuel Act

This bill directs the Department of Energy (DOE) to establish certain milestone-based development and demonstration projects that support the domestic supply chain for nuclear fuel, including high-assay low-enriched uranium (HALEU). Milestone-based demonstration projects require particular technical and financial milestones to be met before a project participant is provided an award through a competitive process.

Specifically, DOE must carry out milestone-based demonstration projects under its Fuel Cycle Research and Development program. DOE must also complete and make publicly available a study that analyzes the practicability, potential benefits, and estimated lifecycle costs of recycling certain spent nuclear fuel into usable fuel for nuclear reactors.

In carrying out the Nuclear Fuel Security Program and the HALEU for Advanced Nuclear Reactor Demonstration Projects Program, DOE must award funding for milestone-based advanced fuel cycle technologies development and demonstration projects, including uranium production, conversion, enrichment, deconversion, and waste reduction for advanced fuels. As part of its annual budget request, DOE must provide to specified congressional committees a briefing on the milestone-based projects, including information about the benefits and drawbacks of milestone-based projects as compared to traditional project structure funding models.

Actions Timeline

- **Sep 18, 2024:** Reported by the Committee on Science, Space, and Technology. H. Rept. 118-686.
- **Sep 18, 2024:** Placed on the Union Calendar, Calendar No. 580.
- **Jun 13, 2024:** Committee Consideration and Mark-up Session Held
- **Jun 13, 2024:** Ordered to be Reported by Voice Vote.
- **Jun 7, 2024:** Introduced in House
- **Jun 7, 2024:** Referred to the House Committee on Science, Space, and Technology.