

Liquid Cooling for AI Act of 2025

Introduced

Risk: Low

Study/Task Force

Last Action (Sep 11, 2025): Referred to the Committee on Energy and Commerce, and in addition to the Committee on Science, Space, and Technology, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned.

Summary

The Liquid Cooling for AI Act of 2025 directs a technology assessment on liquid-cooling systems for AI compute clusters and mandates best-practice guidance for Federal agencies.

Business Impact

If you operate AI compute clusters, you must assess liquid cooling systems and follow best practices once guidance is developed.

Key Provisions

- Directs the Comptroller General to conduct a technology assessment on liquid-cooling systems for AI compute clusters and high-performance computing facilities.
- Requires the development of Federal Government-wide best-practice guidance for Federal agencies.

Compliance Checklist

- Conduct a technology assessment on liquid-cooling systems | Who: Comptroller General of the United States
- Develop Federal Government-wide best-practice guidance | Who: Federal agencies

Industries Affected

High-Performance
Computing

Government

Technology

Artificial Intelligence

Topics

AI in Government

Related Bills

- SB3269 (US)

Official Source

<https://www.congress.gov/bill/119th-congress/house-bill/5332/all-info>

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