A Bill to Require Artificial Intelligence Companies to Use Air-Based Cooling Systems

BE IT ENACTED BY THE CONGRESS HEREIN ASSEMBLED THAT:

SECTION 1. All artificial intelligence (AI) companies operating data centers in the United States must transition from liquid-based cooling systems to air-based cooling systems to reduce water consumption and promote environmental sustainability.

SECTION 2. A. An *Artificial Intelligence Company* shall be defined as an organization that develops, trains, or deploys artificial intelligence or machine learning models requiring high-performance computing infrastructure.

B. An *Air-Based Cooling System* shall be defined as a cooling technology that primarily utilizes air circulation, ventilation, or air exchange rather than liquid-based cooling methods to regulate the temperature of data center equipment.

C. A *Data Center* shall be defined as a facility housing computing equipment, servers, and related infrastructure used to process, store, or manage digital information.

SECTION 3. The Environmental Protection Agency (EPA) and the Department of Energy (DOE) shall jointly oversee the implementation and enforcement of this legislation under the following provisions:

A. The EPA shall establish environmental standards for air-based cooling systems, including ventilation requirements, energy efficiency, and compliance procedures.

B. The DOE shall administer federal grants covering up to 40% of the total cost of converting existing liquid-based cooling systems to air-based cooling systems.

C. Additional federal tax incentives may be provided to companies that complete the transition before the effective date of this legislation.

D. Companies failing to comply with this legislation by the effective date shall be subject to the following penalties:

1. Companies offering paid subscription services shall be assessed an annual penalty of $20 per paid subscriber.

2. Companies without paid subscription services shall be assessed an annual penalty equal to 15% of their remaining electricity expenditures.
3. Companies remaining noncompliant for five consecutive years following the effective date shall be subject to termination of their access to publicly regulated electrical grids, subject to applicable federal regulations.

SECTION 4. This legislation will take effect on January 1, 2029. All laws in conflict with this legislation are hereby declared null and void.

Introduced for Congressional Debate by Pequot Lakes High School.