



Senate

General Assembly

File No. 538

January Session, 2025

Substitute Senate Bill No. 1292

Senate, April 7, 2025

The Committee on Energy and Technology reported through SEN. NEEDLEMAN of the 33rd Dist., Chairperson of the Committee on the part of the Senate, that the substitute bill ought to pass.

AN ACT REQUIRING A STUDY CONCERNING ENERGY EFFICIENCY REQUIREMENTS FOR ARTIFICIAL INTELLIGENCE DATA CENTERS.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. (*Effective from passage*) The Commissioner of Energy and
2 Environmental Protection, in consultation with the Public Utilities
3 Regulatory Authority and the Commissioner of Economic and
4 Community Development, shall conduct a study concerning energy
5 efficiency performance standards for artificial intelligence data centers.
6 Such study shall consider (1) best practices for energy efficiency in such
7 data centers, (2) energy management systems that may be implemented
8 by such data centers, (3) the use of renewable energy resources to offset
9 greenhouse gas production by such data centers, (4) the ability of such
10 data centers to participate in demand response programs, and (5)
11 limitations on the use of diesel backup generators to prohibit peak
12 shaving or load shedding by such data centers. Not later than February
13 1, 2026, the commissioner shall submit a report, in accordance with the
14 provisions of section 11-4a of the general statutes, to the joint standing

- 15 committee of the General Assembly having cognizance of matters
16 relating to energy and technology.

This act shall take effect as follows and shall amend the following sections:

Section 1	<i>from passage</i>	New section
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ET *Joint Favorable Subst.*

The following Fiscal Impact Statement and Bill Analysis are prepared for the benefit of the members of the General Assembly, solely for purposes of information, summarization and explanation and do not represent the intent of the General Assembly or either chamber thereof for any purpose. In general, fiscal impacts are based upon a variety of informational sources, including the analyst's professional knowledge. Whenever applicable, agency data is consulted as part of the analysis, however final products do not necessarily reflect an assessment from any specific department.

OFA Fiscal Note

State Impact: None

Municipal Impact: None

Explanation

The bill requires the Commissioner of the Department of Energy and Environmental Protection (DEEP) to conduct a study concerning energy efficiency performance standards for artificial intelligence data centers. This is not anticipated to result in a fiscal impact as DEEP has the staff and expertise necessary to complete the study.

The Out Years

State Impact: None

Municipal Impact: None

OLR Bill Analysis

sSB 1292

***AN ACT REQUIRING A STUDY CONCERNING ENERGY
EFFICIENCY REQUIREMENTS FOR ARTIFICIAL INTELLIGENCE
DATA CENTERS.***

SUMMARY

The Office of Legislative Research does not analyze Special Acts.

COMMITTEE ACTION

Energy and Technology Committee

Joint Favorable Substitute

Yea 24 Nay 0 (03/18/2025)