



102ND GENERAL ASSEMBLY

State of Illinois

2021 and 2022

SB0137

Introduced 2/9/2021, by Sen. Omar Aquino

SYNOPSIS AS INTRODUCED:

220 ILCS 5/16-107.7 new

Amends the Public Utilities Act. Requires the Illinois Commerce Commission to contract with an independent consultant selected through a request for proposal process to produce a report analyzing the potential costs and benefits of energy storage systems. Provides that the independent consultant must analyze: cost savings to ratepayers from the provision of services; direct-cost savings to customers that deploy energy storage systems; an improved ability to integrate renewable resources; improved reliability and power quality; the effect on retail electric rates over the useful life of a given energy storage system compared to the impact on retail electric rates using a nonenergy storage system alternative over the useful life of the nonenergy storage system alternative; reduced greenhouse gas emissions; and any other value reasonably related to the application of energy storage system technology. Requires the Illinois Commerce Commission to submit the report to the General Assembly and the Governor by December 31, 2021. Effective immediately.

LRB102 10962 SPS 16294 b

FISCAL NOTE ACT
MAY APPLY

A BILL FOR

1 AN ACT concerning regulation.

2 **Be it enacted by the People of the State of Illinois,**
3 **represented in the General Assembly:**

4 Section 5. The Public Utilities Act is amended by adding
5 Section 16-107.7 as follows:

6 (220 ILCS 5/16-107.7 new)

7 Sec. 16-107.7. Cost-benefit analysis of energy storage
8 systems.

9 (a) Within 90 days after the effective date of this
10 amendatory Act of the 102nd General Assembly, the Illinois
11 Commerce Commission must contract with an independent
12 consultant selected through a request for proposal process to
13 produce a report analyzing the potential costs and benefits of
14 energy storage systems. When examining the cost-effectiveness
15 of energy storage systems, the independent consultant must
16 analyze:

17 (1) cost savings to ratepayers from the provision of
18 services, including, but not limited to, energy price
19 arbitrage, ancillary services, resource adequacy, and
20 transmission and distribution asset deferral or
21 substitution;

22 (2) direct-cost savings to customers that deploy
23 energy storage systems;

1 (3) an improved ability to integrate renewable
2 resources;

3 (4) improved reliability and power quality;

4 (5) the effect on retail electric rates over the
5 useful life of a given energy storage system compared to
6 the impact on retail electric rates using a nonenergy
7 storage system alternative over the useful life of the
8 nonenergy storage system alternative;

9 (6) reduced greenhouse gas emissions; and

10 (7) any other value reasonably related to the
11 application of energy storage system technology.

12 (b) The Illinois Commerce Commission must submit the
13 report to the General Assembly and the Governor by December
14 31, 2021.

15 Section 99. Effective date. This Act takes effect upon
16 becoming law.