



## 102ND GENERAL ASSEMBLY

### State of Illinois

2021 and 2022

HB2753

Introduced 2/19/2021, by Rep. Justin Slaughter

#### 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 14440 SPS 19792 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.