



Sen. Bill Cunningham

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10300SB3636sam001

LRB103 39306 CES 70126 a

1 AMENDMENT TO SENATE BILL 3636

2 AMENDMENT NO. _____. Amend Senate Bill 3636 on page 1,
3 line 6, by deleting "and 1-94"; and

4 on page 7, immediately below line 23, by inserting the
5 following:

6 "Availability" means the percentage of time the energy
7 storage system is capable of charging or discharging."; and

8 on page 12, by replacing lines 7 through 10 with "contract
9 under Section 1-93."; and

10 on page 15, by replacing lines 3 and 4 with "one megawatt of
11 energy storage capacity each month that the contracted
12 energy"; and

13 on page 17, by replacing line 16 with "capacity for the
14 expected duration of"; and

1 on page 19, immediately below line 11, by inserting the
2 following:

3 "Independent engineer" means a neutral, third-party
4 engineer engaged in designing energy storage projects."; and

5 on page 20, immediately below line 1, by inserting the
6 following:

7 "Measured capacity" means the output of an energy storage
8 system measured in megawatts at the point of change of control
9 between the energy storage system and the utility.

10 "Measured duration" means the output of an energy storage
11 system measured in megawatt hours divided by the measured
12 capacity at the point of change of control between the energy
13 storage system and the utility.

14 "Measured round-trip efficiency" means the ratio of the
15 energy discharged from the energy storage system to the energy
16 delivered to it during the charging process, expressed as a
17 percentage."; and

18 on page 20, by deleting lines 2 through 10; and

19 on page 22, by deleting lines 15 through 25; and

20 on page 36, immediately below line 14, by inserting the
21 following"

1 "(30) To buy and sell, in the PJM and MISO markets, all
2 products that contracted energy storage systems are
3 capable of producing. All revenues obtained by the Agency
4 shall be used to offset the energy storage payments."; and

5 on page 37, line 6, after "2024", by inserting "with an energy
6 storage duration of at least 4 hours"; and

7 on page 37, line 8, after "2026", by inserting "with an energy
8 storage duration of at least 4 hours"; and

9 by deleting line 14 on page 39 through line 10 on page 40; and

10 on page 80, immediately below line 25, by inserting the
11 following:

12 "(v) Once every contract year, an independent
13 engineer shall verify the measured capacity, the
14 measured round-trip efficiency, and the measured
15 duration of the contracted energy storage system. If
16 the measured capacity is less than the energy storage
17 capacity, the energy storage system has 3 months to
18 cure the problem or the Agency shall reduce the energy
19 storage capacity to the measured capacity. If the
20 measured duration is less than the energy storage
21 duration, the energy storage system has 3 months to
22 cure the problem or the Agency shall reduce the energy

1 storage capacity to the measured duration. If the
2 availability of the energy storage system in any 2
3 consecutive years drops below 80%, the contract may be
4 terminated by the Agency. If the availability of the
5 energy storage system drops below 85% in a month, the
6 energy storage credit will be reduced by the
7 availability of the energy storage system multiplied
8 by the energy storage credit value."