

Renewable Energy Storage Capacity

This Act generally defines “net renewable generation capacity” in state law to mean the gross generation *or* storage capacity of the renewable energy resource. This ensures that renewable energy placed into storage via batteries, compressed air, flywheels, etc., is still considered renewable energy when it is actually used.

Submitted as:

Kansas:

[HB 2708 \(Introduced version\)](#)

Status: Enacted into law in 2012 as part of Conference Committee report.

Suggested State Legislation

(Title, enacting clause, etc.)

- 1 Section 1. [*Short Title.*] This Act shall be cited as “The Renewable Energy Storage Capacity
2 Act.”
- 3 Section 2. [*Definitions.*]
4 As used in [insert citation]:
- 5 (1) “Affected utility” means any [electric public utility] [as defined in insert citation].
6 (2) “Commission” means the [state corporation commission] [as defined in insert citation].
7 (3) “Net renewable generation capacity” means the gross generation or storage capacity of
8 the renewable energy resource over a [four-hour] period when not limited by ambient conditions,
9 equipment, operating or regulatory restrictions less auxiliary power required to operate the resource,
10 and refers to resources located in the state or resources serving ratepayers in the state.
11 (4) “Peak demand” means the demand imposed by the affected utility’s retail load in the
12 state.
13 (5) “Renewable energy credit” means a credit representing energy produced by renewable
14 energy resources issued as part of a program that has been approved by the [state corporation
15 commission].
16 (6) “Renewable energy resources” means net renewable generation capacity from:
17 (a) wind;
18 (b) solar thermal sources;
19 (c) photovoltaic cells and panels;
20 (d) dedicated crops grown for energy production;
21 (e) cellulosic agricultural residues;
22 (f) plant residues;
23 (g) methane from landfills or from wastewater treatment;
24 (h) clean and untreated wood products such as pallets;
25 (i) hydropower;
26 (j) fuel cells using hydrogen produced by one of the above-named renewable energy
27 resources;
28 (k) energy storage that is connected to any renewable generation by means of energy
29 storage equipment including, but not limited to, batteries, fly wheels, compressed air storage and
30 pumped hydro; and

1 (1) other sources of energy, not including nuclear power, that become available after
2 the effective date of this section, and that are certified as renewable by rules and regulations
3 established by the [commission] pursuant to [insert citation].

4

5 Section 3. [*Severability.*] Insert severability clause.

6

7 Section 4. [*Repealer.*] Insert repealer clause.

8

9 Section 5. [Effective date]. Insert effective date.