

SB 284-FN - AS INTRODUCED

2019 SESSION

19-1025
06/05

SENATE BILL **284-FN**

AN ACT establishing a statewide, multi-use online energy data platform.

SPONSORS: Sen. Fuller Clark, Dist 21; Sen. Dietsch, Dist 9; Rep. Balch, Hills. 38; Rep. McGhee, Hills. 40

COMMITTEE: Energy and Natural Resources

ANALYSIS

This bill establishes a statewide online energy data platform administered by the public utilities commission to provide information about energy use.

Explanation: Matter added to current law appears in ***bold italics***.
 Matter removed from current law appears [~~in brackets and struckthrough.~~]
 Matter which is either (a) all new or (b) repealed and reenacted appears in regular type.

STATE OF NEW HAMPSHIRE

In the Year of Our Lord Two Thousand Nineteen

AN ACT establishing a statewide, multi-use online energy data platform.

Be it Enacted by the Senate and House of Representatives in General Court convened:

1 1 Findings. The general court finds that in order to accomplish the purposes of electric utility
2 restructuring under RSA 374-F, to implement fully the state energy policy under RSA 378:37, and
3 to make the state's energy systems more distributed, responsive, dynamic, and consumer-focused, it
4 is necessary to provide consumers and stakeholders with safe, secure access to information about
5 their energy usage. Access to granular energy data is a foundational element for moving New
6 Hampshire's electric and natural gas systems to a more efficient paradigm in which empowering
7 consumers is a critical element. By enabling the aggregation and anonymization of community-
8 level energy data and requiring a consent-driven process for access to or sharing of customer-level
9 energy usage data, the state can open the door to innovative business applications that will save
10 customers money as well as facilitate municipal and county aggregation programs authorized by
11 RSA 53-E. Such a program of robust data is also likely to be useful in local planning, conducting
12 market research, fostering increased awareness of energy consumption patterns, and the adoption
13 of more efficient and sustainable energy use.

14 2 New Subdivision; Multi-Use Energy Data Platform. Amend RSA 378 by inserting after
15 section 49 the following new subdivision:

Multi-Use Energy Data Platform

16 378:50 Definitions. In this subdivision:

- 17 I. "Data sharing" means providing data and accessing data provided by others.
18 II. "Individual customer data" means the customer's name, address, opt-in status pursuant
19 to RSA 374:62, energy usage as recorded by meters supplied by electric and natural gas utilities,
20 and other data segments established and authorized by the commission.
21

22 III. "Third party" means:

- 23 (a) Any service provider within the meaning of RSA 363:37, II other than a utility; and
24 (b) The office of the consumer advocate established pursuant to RSA 363:28.

25 378:51 Online Energy Data Platform Established. There is hereby established a statewide,
26 multi-use online energy data platform to be administered by the commission. The data platform
27 shall:

28 I. Consist of a common base of energy data for use in wide range of applications and
29 business uses.

30 II. Adhere to specific and well-documented standards.

31 III. Isolate users from underlying system complexities and provide an application

1 programming interface.

2 IV. Adhere to a logical data model that defines the relationships among the various
3 categories of data included in the platform.

4 V. Allow for sharing of individual customer data consistent with the opt-in requirements for
5 third-party access specified in RSA 363:38.

6 378:52 Duties of Commission. The commission shall:

7 I. Design and operate the energy data platform to provide opportunities for utilities, their
8 customers, and third parties to access the online energy data platform and to participate in data
9 sharing.

10 II. Require, as a condition of accessing the online energy data platform, that a third party
11 complete a qualification and registration process to ensure that any customer data downloaded from
12 the platform remains in a safe, secure environment according to data privacy standards established
13 by the commission. The commission shall further require third parties to post bond or provide other
14 proof of financial security as determined by the commission. These requirements shall not apply to
15 the office of the consumer advocate, which shall nevertheless treat any data received as
16 confidential.

17 III. Administer the online energy data platform in a manner consistent with RSA 363:38.

18 IV. Adopt rules, pursuant to RSA 541-A, relative to:

19 (a) Standards for data accuracy, retention, availability, and security.

20 (b) Financial security standards applicable to third parties.

21 378:53 Certification. The platform shall be certified by the Green Button Alliance and support
22 the Energy Service Provider Interface of the North American Energy Standards Board and the
23 Green Button "Connect My Data" initiative of the United States Department of Energy.

24 3 Effective Date. This act shall take effect 60 days after its passage.

LBAO
19-1025
1/28/19

**SB 284-FN- FISCAL NOTE
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AN ACT establishing a statewide, multi-use online energy data platform.

FISCAL IMPACT:

The Office of Legislative Budget Assistant is unable to complete a fiscal note for this bill, as introduced, as it is awaiting information from the Public Utilities Commission and Department of Information Technology who were originally contacted on January 5, 2019, with follow up on January 24, 2019 for a fiscal note worksheet, which they have not provided as of January 28, 2019. When completed, the fiscal note will be forwarded to the Senate Clerk's Office.

AGENCIES CONTACTED:

Public Utilities Commission and Department of Information Technology