



Control Number: 48745



Item Number: 18

Addendum StartPage: 0

DOCKET NO. 48745

COMPLIANCE FILING OF ENTERGY §
TEXAS, INC. IN RESPONSE TO §
ORDERING PARAGRAPH 6 OF THE §
FINAL ORDER IN DOCKET NO. 47416 §

PUBLIC UTILITY COMMISSION

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**RESPONSE OF ENTERGY TEXAS, INC.
TO STAFF SECOND REQUEST FOR INFORMATION:
STAFF 2: 1 ADDENDUM 1**

Entergy Texas, Inc. (“Entergy Texas” or “the Company”) files its Response to Staff Second Request for Information. The response to such request is attached and is numbered as in the request. An additional copy is available for inspection at the Company’s office in Austin, Texas.

Entergy Texas believes the foregoing response is correct and complete as of the time of the response, but the Company will supplement, correct or complete the response if it becomes aware that the response is no longer true and complete, and the circumstance is such that failure to amend the answer is in substance misleading. The parties may treat this response as if it were filed under oath.

Respectfully submitted,

Wajiha Rizvi
Wajiha Rizvi
Entergy Services, Inc.
919 Congress Avenue, Suite 701
Austin, Texas 78701
(512) 487-3962 telephone
(512) 487-3958 facsimile

Attachments: STAFF 2: 1 ADDENDUM 1

CERTIFICATE OF SERVICE

I certify that a copy of the foregoing Response of Entergy Texas, Inc. to Staff Second Request for Information has been sent by either hand delivery, email, facsimile, overnight delivery, or U.S. Mail to the party that initiated this request in this docket on this the 29th day of November 2018.

Wajiha Rizvi
Wajiha Rizvi

ENTERGY TEXAS, INC.
PUBLIC UTILITY COMMISSION OF TEXAS
DOCKET NO. 48745

Response of: Entergy Texas, Inc.
to the Second Set of Data Requests
of Requesting Party: Commission Staff

Prepared By: John Gregory Fenn
Sponsoring Witness: TBD
Beginning Sequence No. TH1
Ending Sequence No. TH 19

Question No.: STAFF 2-1

Part No.:

Addendum: 1

Question:

Please provide an overview of Green Button Connect My data (“GBC”) that describes:

- a. the steps a customer must take in order to authorize a competitive service provider (“CSP”) direct access to their meter data through ETI’s Customer Engagement Portal (“CEP”);
 - b. the process a customer must take to terminate a data sharing agreement with a CSP; and
 - c. a description of how the GBC standard protects a customer’s information.
-

Response:

Information included in the response contains highly sensitive protected (“highly sensitive”) materials. Specifically, the responsive materials are protected pursuant to Texas Government Code Sections 552.101, 552.104 and/or 552.110. Highly sensitive materials will be provided pursuant to the terms of the Protective Order in this docket.

- a. Please see the attached.
- b. Please see the attached.
- c. The GBC standard protects a customer’s information by removing from view the customer’s account number, address, and name. Information is also encrypted in transit to the third party and, as part of the sign-up process for the third party, a set of encryption keys is exchanged.

The Green Button effort was created with the support of the U.S. Department of Energy, National Institute of Standards & Technology, Smart Grid Interoperability Panel, and the White House. The Green Button Alliance is a leader in the development of the Green Button utility data-exchange standard, which ensures that customer data does not contain any personally identifiable data and must be transmitted using a secure-transmission process.

Question No.: STAFF 2-1 Addendum 1

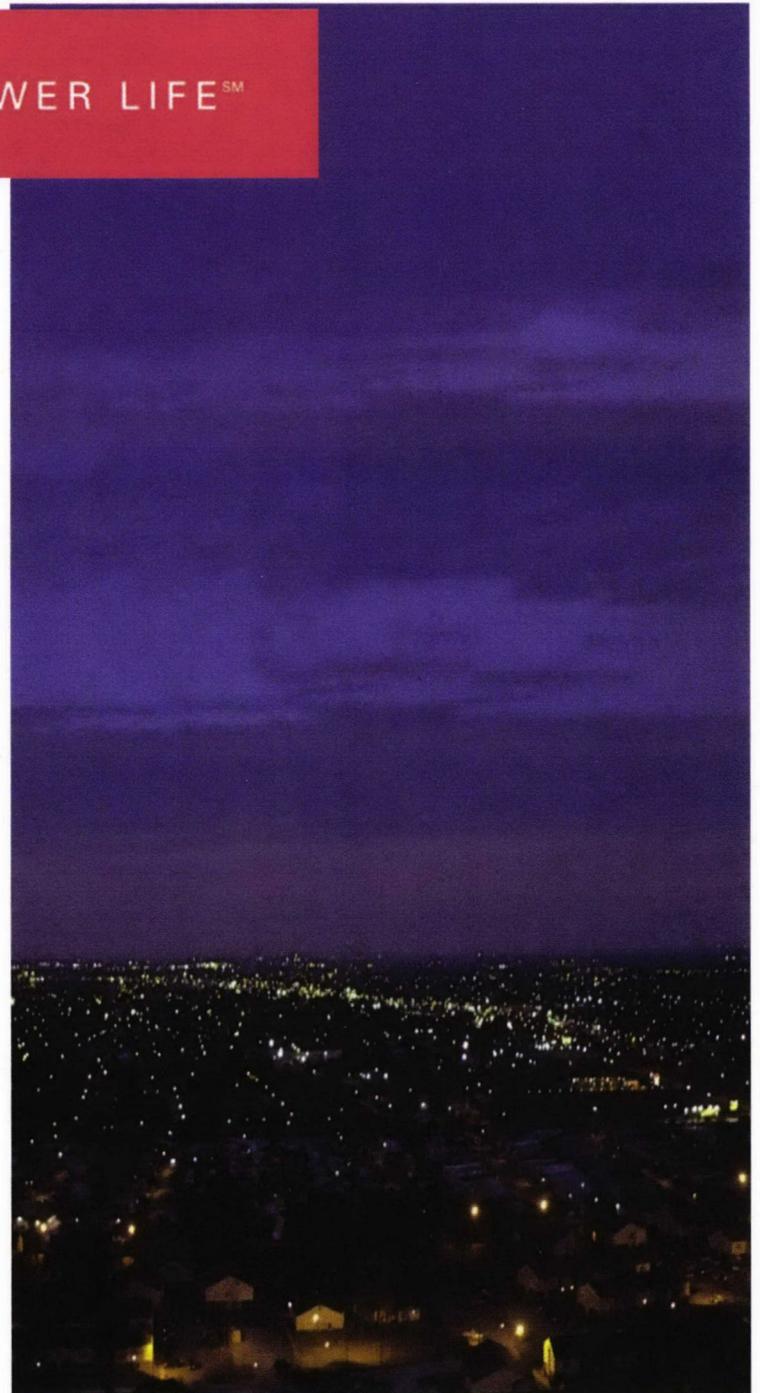
Addendum 1:

The Company has de-classified the attachment to the original response to this request.
Please see the attached.



Green Button Connect My Data Draft

11/21/2018



Disclaimer

- All color and design elements included herein are non-final and subject change in the final release.

Background on Content being Provided

- Green Button Connect My Data has two experiences: Desktop and Mobile Web Browser
- The first set of slides will be for desktop followed by Mobile Web Browser
- The Mobile Web Browser experience has the same functionality as the desktop. The only difference is the form factor in terms of screen size.
- Each mock up shows a customer that has access to one account and a customer that has access to multiple accounts.

Draft

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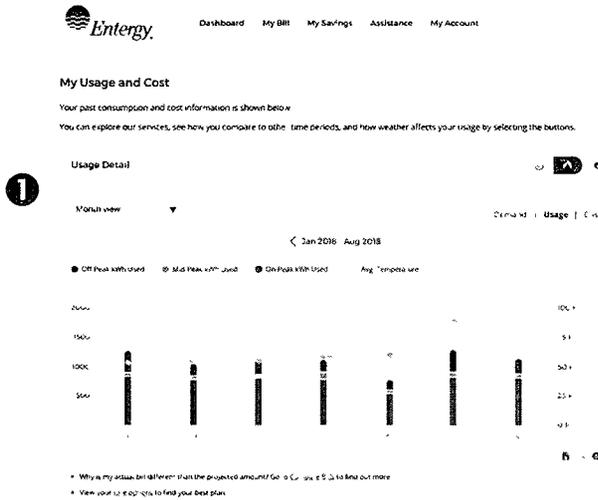
Green Button Connect My Data Desktop screen Mock Up

STAFF 2-1 Add 1 TH6⁰⁰⁷

Draft

Green Button Connect (Desktop)

- 1 User navigates to usage screen to see their consumption
- 2 User decides they would like to share their consumption data



100°F
75°F
50°F
25°F
0°F

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2

to find out more.

User clicks on the Green Button Connect My Data

Draft

Green Button Connect (Desktop)

Pre-Selecting accounts and meters

Account/Meter Selection (1 Account)

The screenshot shows the Entergy website's 'My Usage and Cost' page. A modal window titled 'GREEN BUTTON CONNECT' is open, displaying the text 'Select the account(s) and meter(s) you'd like to grant access to'. Below this, there is a section for 'Account #: 123456789' with the name 'Jane Doe' and a checkbox. Underneath, two meter options are listed: 'Meter ending in "0492"' and 'Meter ending in "0486"', each with a checkbox. At the bottom of the modal are 'NEXT' and 'Cancel' buttons.

Account/Meter Selection (Multiple Accounts)

The screenshot shows the Entergy website's 'My Usage and Cost' page. A modal window titled 'GREEN BUTTON CONNECT' is open, displaying the text 'Select the account(s) and meter(s) you'd like to grant access to'. Below this, there are three account sections, each with a checkbox: 'Account #: 123456789' (Jane Doe), 'Account #: 888888888' (Jane Doe), and 'Account #: 666666666' (Jane Doe). Each account section has two meter options listed below it, each with a checkbox: 'Meter ending in "0492"', 'Meter ending in "0486"', 'Meter ending in "0123"', and 'Meter ending in "0456"', 'Meter ending in "0321"'. At the bottom of the modal are 'NEXT' and 'Cancel' buttons.

1) After clicking the Green Button Connect My Data icon, the customer navigates to the screen where access is granted to account(s) and meter(s).

Draft

Green Button Connect (Desktop)

Selecting accounts and meters

Account/Meter Selection (1 Account)

The screenshot shows the 'GREEN BUTTON CONNECT' dialog box with the title 'Choose the account and data you want to share:'. Below the title, it says 'Deselect all accounts and all meters'. There is a red circle with the number '1' next to the first account entry: 'Account #: 123456789 Jane Doe' with a checked checkbox. Below it are two meter entries: 'Meter ending in "0492"' and 'Meter ending in "0486"', both with checked checkboxes. At the bottom are 'NEXT' and 'Cancel' buttons.

Account/Meter Selection (Multiple Accounts)

The screenshot shows the 'GREEN BUTTON CONNECT' dialog box with the title 'Select the account(s) and meter(s) you'd like to grant access to'. Below the title, it says 'Select all accounts and all meters'. There are two account entries. The first is 'Account #: 123456789 Jane Doe' with a checked checkbox. Below it are two meter entries: 'Meter ending in "0492"' and 'Meter ending in "0486"', both with checked checkboxes. The second account entry is 'Account #: 88888888 Jane Doe' with an unchecked checkbox. Below it are two meter entries: 'Meter ending in "0123"' and 'Meter ending in "0456"', both with unchecked checkboxes. At the bottom are 'NEXT' and 'Cancel' buttons.

1 Select the account(s) and meter(s) to which access should be granted.

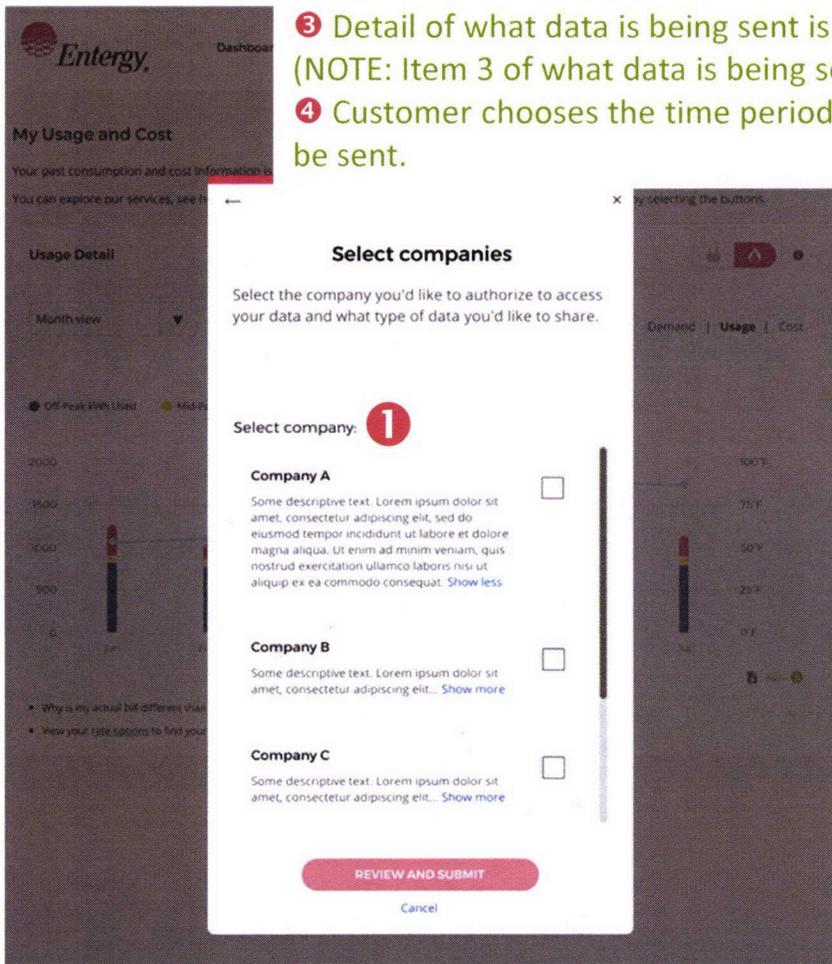
Draft

Green Button Connect (Desktop) Selecting vendors

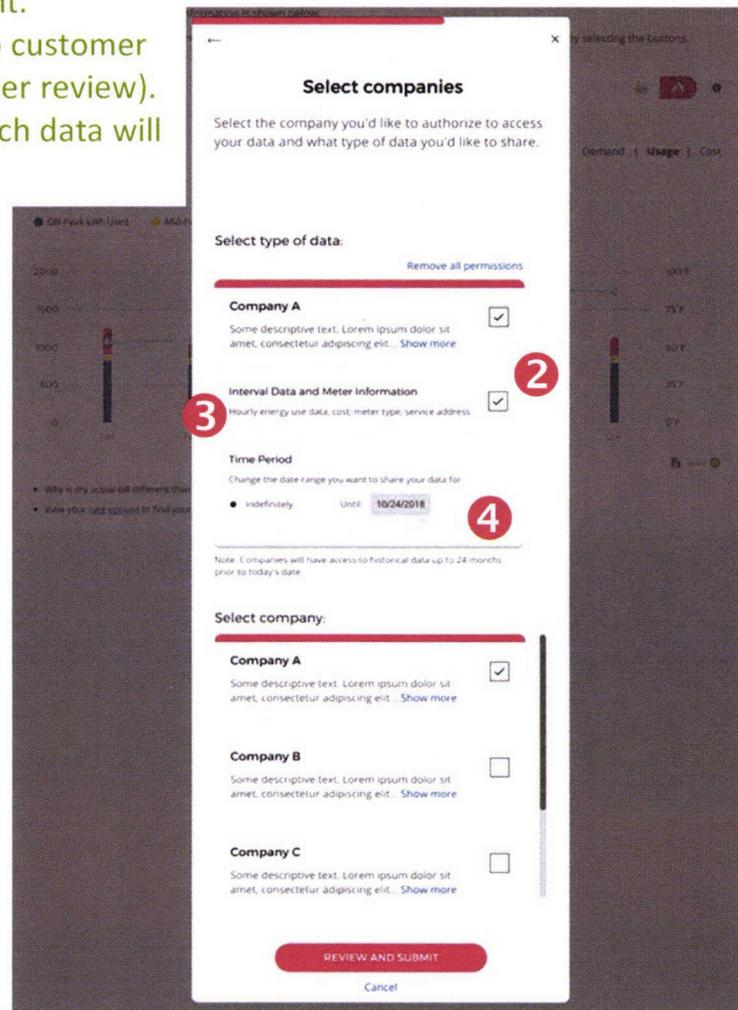
After selecting account and meter in previous screen then:

- 1 Customer selects vendor(s) to send the data to.
- 2 Customer reviews the information being sent.
- 3 Detail of what data is being sent is shown to customer (NOTE: Item 3 of what data is being sent is under review).
- 4 Customer chooses the time period over which data will be sent.

Select Vendor(s)



Vendor Selected

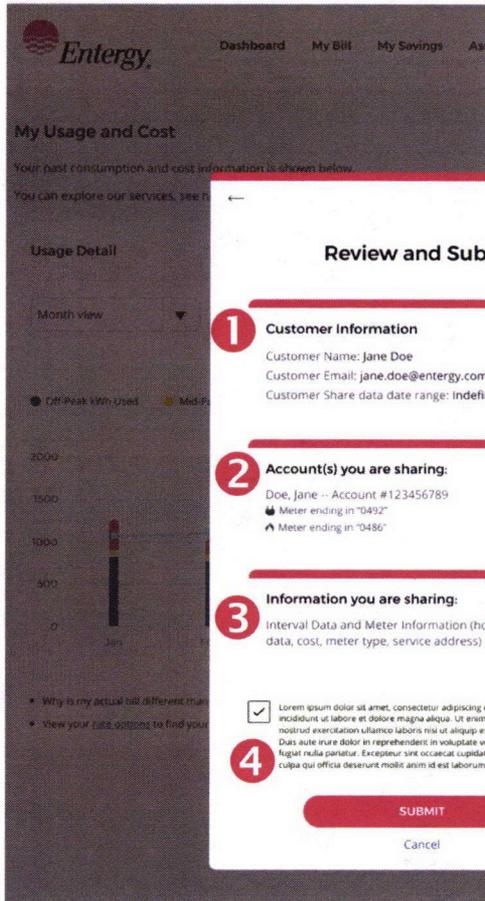


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Green Button Connect (Desktop)

Review and submit

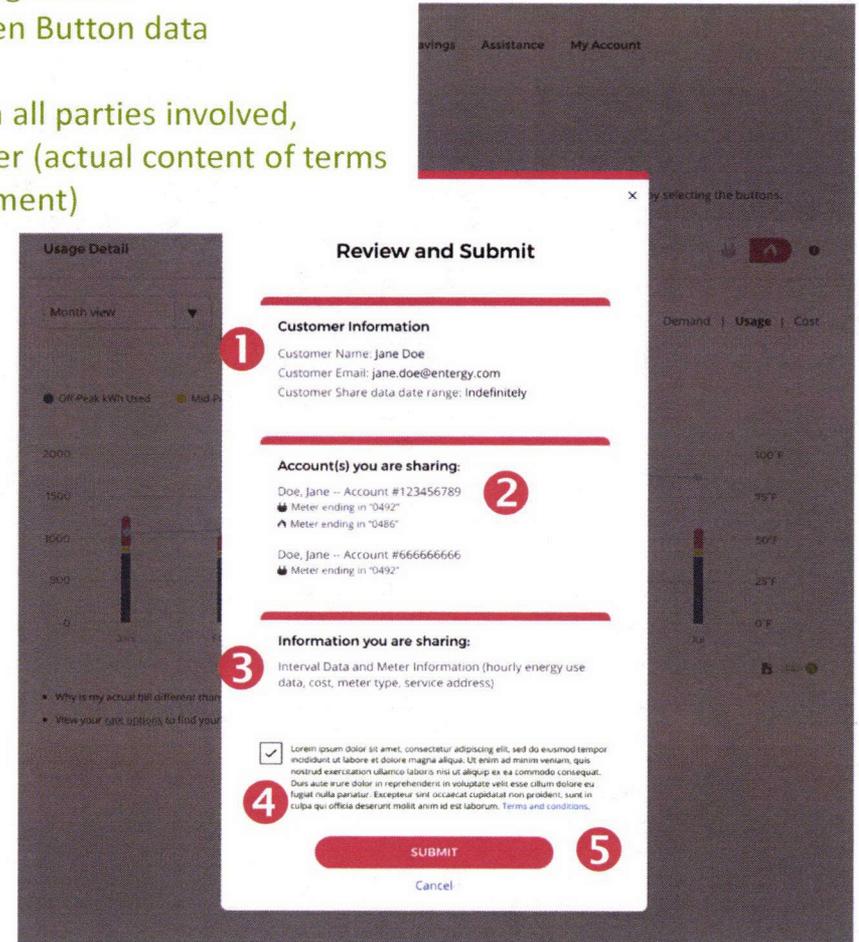
Review and Submit (1 Account)



Customer Reviews and Submits

- 1 Customer Information
- 2 Account for which data is being shared
- 3 What is being sent in the Green Button data
- 4 Customers Acknowledgment
- 5 Terms and Condition between all parties involved, Entergy, Third Party and Customer (actual content of terms and conditions is still in development)

Review and Submit (Multiple Accounts)



Draft

Green Button Connect (Desktop)

Editing vendor permissions and time periods

- 1 Can deselect a company with which to share data
- 2 Can adjust the time period to send the data

Vendor Select/Remove

Your past consumption and cost information is shown below.

You can explore our services, see how we can help you, and learn more about our products.

Usage Detail

Month view

Off-Peak kWh Used

Peak kWh Used

Why is my actual bill different than my estimate?
View your usage history to find your usage.

Select companies

Select the company you'd like to authorize to access your data and what type of data you'd like to share.

Note: It's important to review the Terms and Conditions of each company you authorize. Franklin Energy has not conducted security reviews of the companies below.

Select type of data:

[Remove all permissions](#)

Company A 1

Some descriptive text. Lorem ipsum dolor sit amet, consectetur adipiscing elit... Show more

Interval Data and Meter Information

Hourly energy use data, cost, meter type, service address

Time Period

Change the date range you want to share your data for.

Indefinitely 2

Note: Companies will have access to historical data up to 24 months prior to today's date.

Select company:

Company A

Some descriptive text. Lorem ipsum dolor sit amet, consectetur adipiscing elit... Show more

Company B

Some descriptive text. Lorem ipsum dolor sit amet, consectetur adipiscing elit... Show more

Company C

Some descriptive text. Lorem ipsum dolor sit amet, consectetur adipiscing elit... Show more

REVIEW AND SUBMIT

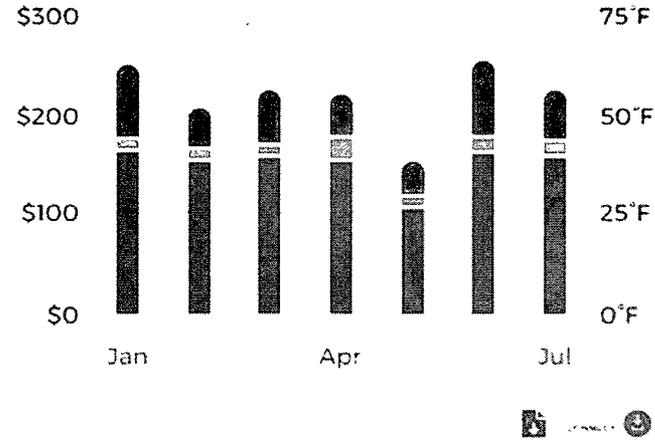
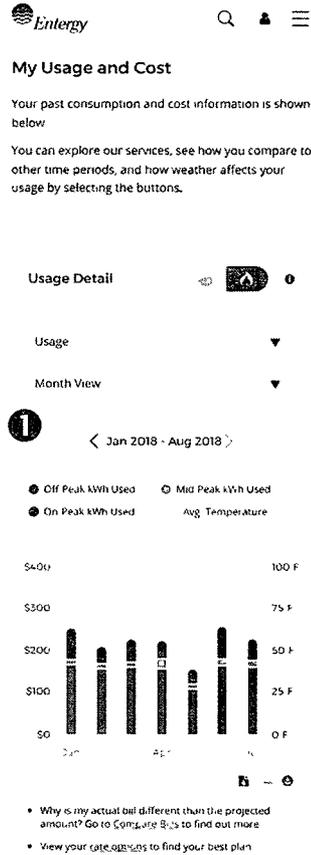
Cancel

Draft

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Green Button Connect My Data Mobile Screen Mock Up

Green Button Connect (Mobile)



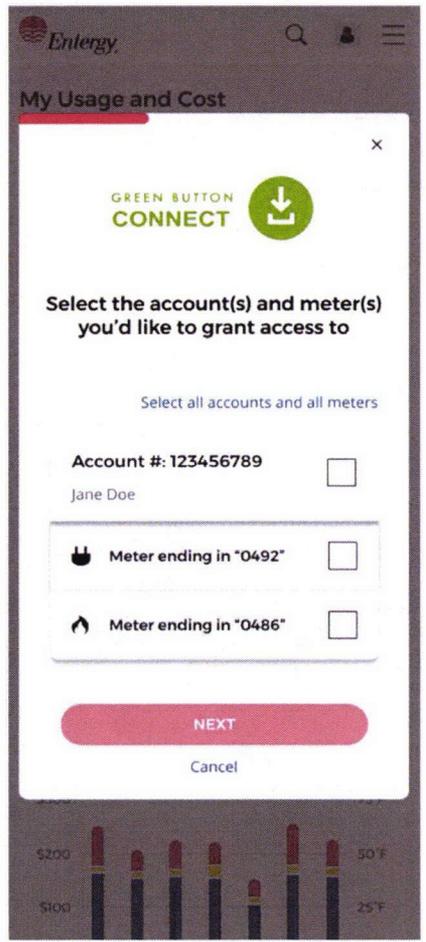
- Why is my actual bill different than the projected amount? Go to [Compare Bills](#) to find out more.
- View your [rate options](#) to find your best plan.

- 1 User navigates to usage screen to see their consumption
- 2 User decides they would like to share their consumption data

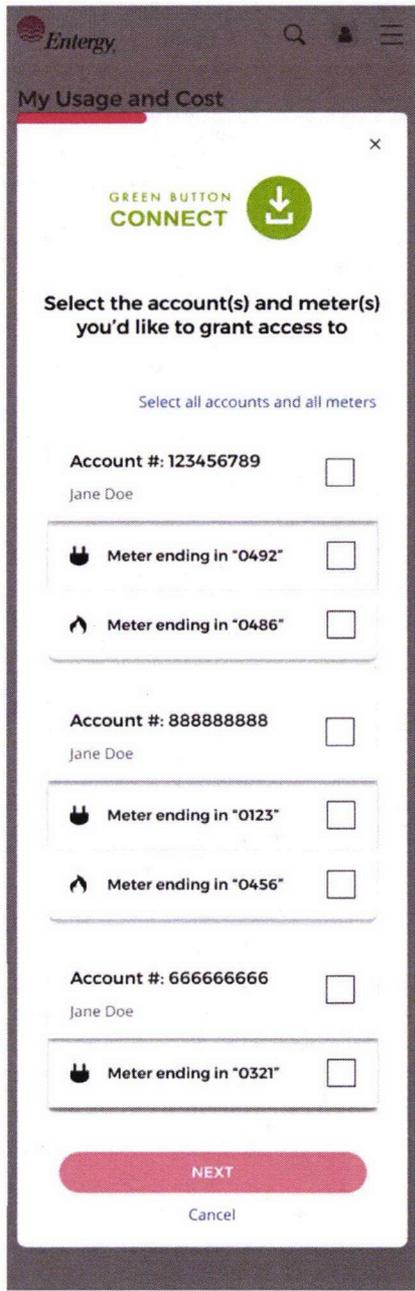
Draft

Green Button Connect (Mobile) Select account(s) and meter(s)

Account/Meter Selection (1 Account)



Account/Meter Selection (Multiple Accounts)

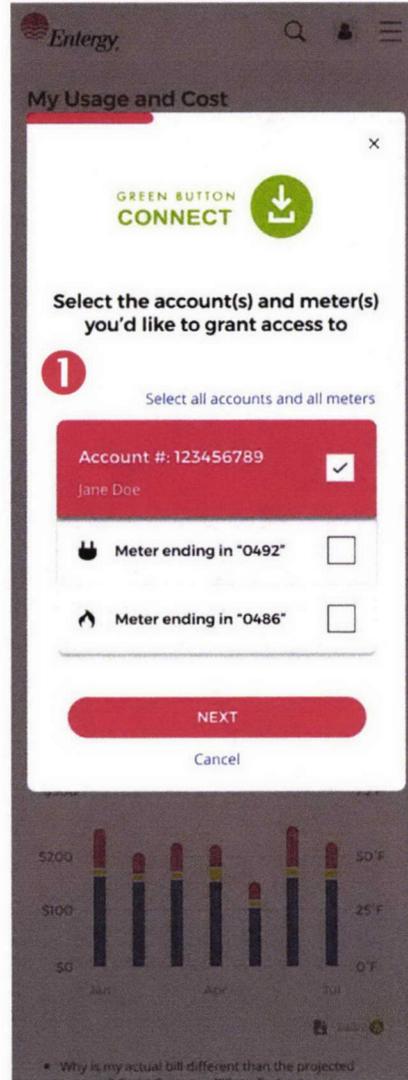


1) After clicking the Green Button Connect My Data icon, users navigate to this screen, where access is granted to specific account(s) and meter(s).

Draft

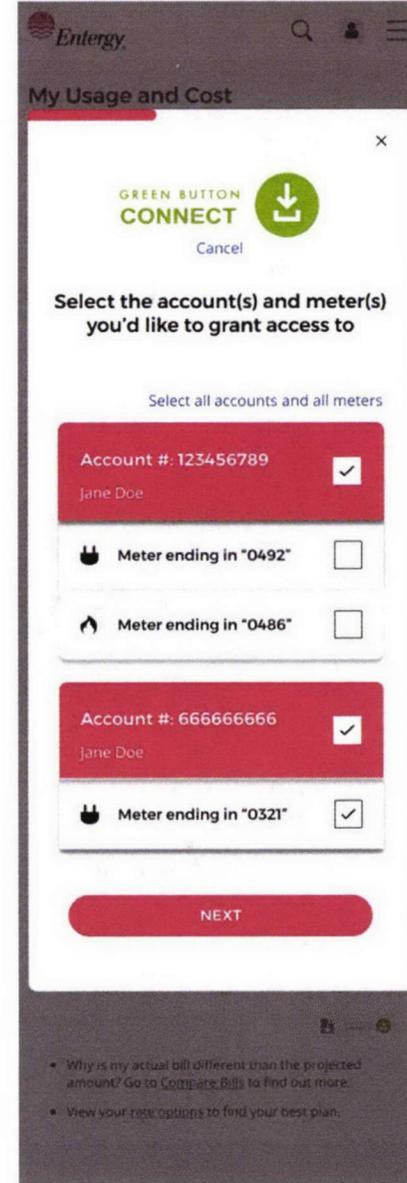
Green Button Connect (Mobile) Selected account(s) and meter(s)

Account/Meter Selected (1 Account)



1 Grant access to specific meters and accounts

Account/Meter Selected (Multiple Accounts)



1
1
1

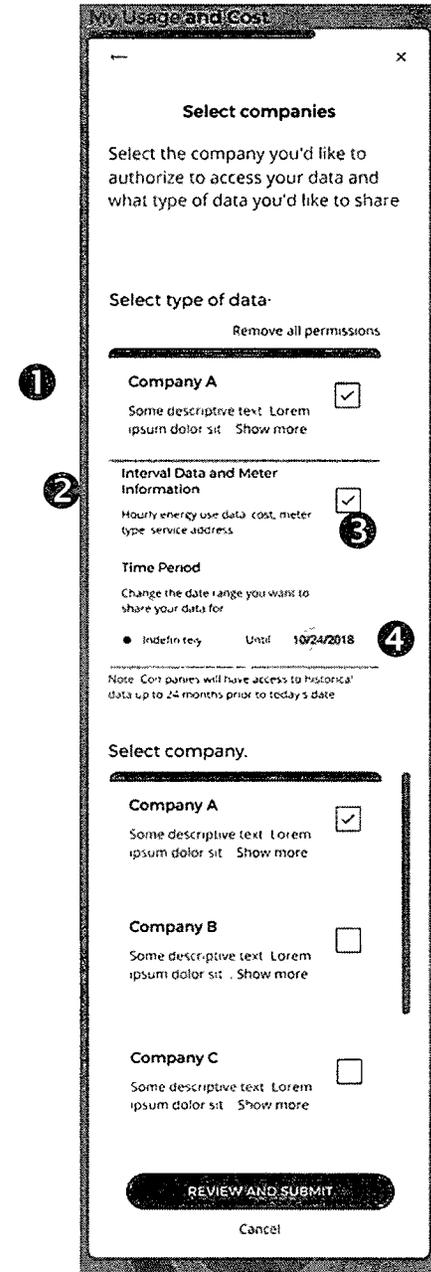
Draft

Green Button Connect (Mobile) Vendor Selected

After selecting account and meter in previous screen:

- 1 Customer selects vendor(s) with which to share data.
- 2 Customer reviews the information being sent.
- 3 Detail of what data is being sent is shown to customer (NOTE: Item 3 of what data is being sent is under review).
- 4 Customer chooses the time period over which data will be sent.

Vendor Selected



Draft

Green Button Connect (Mobile) Review and Submit

Review and Submit (1 Account)

My Usage and Cost

Review and Submit

Customer Information

Customer Name: Jane Doe **1**
 Customer Email: jane.doe@entergy.com
 Customer Share data date range: Indefinitely

Account(s) you are sharing:

Doe, Jane -- Account #123456789 **2**
 📶 Meter ending in "0492"
 ⬆️ Meter ending in "0486"

Account(s) you are sharing:

Interval Data and Meter Information **3**
 (hourly energy use data, cost, meter type, service address)

4 Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. [Terms and conditions.](#)

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SUBMIT

Cancel

Customer Reviews and Submits

- 1** Who you are logged in as
- 2** The account for which data is being shared
- 3** What is being sent in the Green Button data
- 4** Customer acknowledgment
- 5** Terms and Condition between all parties involved, Entergy, Third Party and Customer (actual content of terms and conditions is still in development)

Review and Submit (Multiple Accounts)

Entergy

My Usage and Cost

Review and Submit

Customer Information

Customer Name: Jane Doe **1**
 Customer Email: jane.doe@entergy.com
 Customer Share data date range: Indefinitely

Account(s) you are sharing:

Doe, Jane -- Account #123456789 **2**
 📶 Meter ending in "0492"
 ⬆️ Meter ending in "0486"

Doe, Jane -- Account #666666666
 📶 Meter ending in "0492"

Account(s) you are sharing:

Interval Data and Meter Information **3**
 (hourly energy use data, cost, meter type, service address)

4 Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. [Terms and conditions.](#)

5

SUBMIT

Cancel

Draft

Green Button Connect

(Mobile)

Vendor Selected

- 1 Can deselect a company with which to share data
- 2 Can adjust the time period to send the data

Edit Vendor Permissions

