



Control Number: 48745



Item Number: 41

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**DOCKET NO. 48745**  
**SOAH DOCKET NO. 473-19-1841**

2019 MAR 13 PM 1:41

<b>COMPLIANCE FILING OF ENTERGY</b>	<b>§</b>	<b>PUBLIC UTILITY COMMISSION</b>
<b>TEXAS, INC. RELATING TO</b>	<b>§</b>	<b>FILING CLERK</b>
<b>PARTICIPATION IN SMART METER</b>	<b>§</b>	<b>OF TEXAS</b>
<b>TEXAS AND CHANGES TO ITS</b>	<b>§</b>	
<b>ADVANCED METERING SYSTEM</b>	<b>§</b>	

**MISSION:DATA COALITION'S SECOND REQUEST FOR INFORMATION TO  
ENTERGY TEXAS, INC. (ETI)**

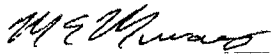
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Pursuant to 16 Texas Administrative Code (TAC) § 22.144, Mission:data Coalition (Mission:data) requests that Entergy Texas, Inc. (ETI) by and through its attorneys of record provide the following information and answer the following question(s) under oath. The question(s) shall be answered in sufficient detail to fully present all of the relevant facts, within the time limit provided by the Presiding Officer or within 20 days, if the Presiding Officer has not provided a time limit. Please copy the question immediately above the answer to each question. These question(s) are continuing in nature, and if there is a relevant change in circumstances, submit an amended answer, under oath, as a supplement to your original answer. State the name of the witness in this cause who will sponsor the answer to the question and can vouch for the truth of the answer.

Provide an original and three copies of your answers to the questions to the Filing Clerk, Public Utility Commission of Texas, 1701 N. Congress Avenue, P.O. Box 13326, Austin, Texas 78712.

Date: March 13, 2019

Respectfully submitted,



Michael Murray, President  
Mission:data Coalition  
1752 NW Market Street #1513  
Seattle, WA 98107  
[michael@missiondata.io](mailto:michael@missiondata.io)  
(510) 910 2281

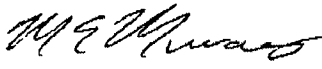
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**CERTIFICATE OF SERVICE**

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I hereby certify that a true and correct copy of the foregoing document was served upon all parties on March 13, 2019 by U.S. First-Class Mail.

By: 

Michael Murray

**DOCKET NO. 48745  
SOAH DOCKET NO. 473-19-1841**

<b>COMPLIANCE FILING OF ENTERGY</b>	<b>§</b>	<b>PUBLIC UTILITY COMMISSION</b>
<b>TEXAS, INC. RELATING TO</b>	<b>§</b>	
<b>PARTICIPATION IN SMART METER</b>	<b>§</b>	<b>OF TEXAS</b>
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<b>ADVANCED METERING SYSTEM</b>	<b>§</b>	

**DEFINITIONS**

A. "ETI," or "you" refers to Entergy Texas, Inc. and any person acting or purporting to act on their behalf, including without limitation, attorneys, agents, advisors, investigators, representatives, employees or other persons.

B. "Document" includes any written, recorded, or graphic matter, however produced or reproduced, including but not limited to correspondence, telegrams, contracts, agreements, notes in any form, memoranda, diaries, voice recording tapes, microfilms, pictures, computer media, work papers, calendars, minutes of meetings or other writings or graphic matter, including copies containing marginal notes or variations of any of the foregoing, now or previously in your possession. In the event any documents requested by this Request for Information have been transferred beyond the Company's control, describe the circumstances under which the document was destroyed or transferred and provide an exact citation to the subject document. In the event that documents containing the exact information do not exist, but documents do exist which contain portions of the required information or which contain substantially similar information, then the definition of "documents" shall include the documents which do exist and these documents will be provided.

## **INSTRUCTIONS**

- 1) Pursuant to 16 TAC § 22.144(c)(2), Mission:data requests that answers to the requests for information be made under oath.
- 2) Please copy the question immediately above the answer to each question. State the name of the witness in this cause who will sponsor the answer to the question and can vouch for the truth of the answer.
- 3) These questions are continuing in nature, and if there is a relevant change in circumstances, submit an amended answer, under oath, as a supplement to your original answer.
- 4) Words used in the plural shall also be taken to mean and include the singular. Words used in the singular shall also be taken to mean and include the plural.
- 5) The present tense shall be construed to include the past tense, and the past tense shall be construed to include the present tense.
- 6) If any document is withheld under any claim of privilege, please furnish a list identifying each document for which a privilege is claimed, together with the following information: date, sender, recipients or copies, subject matter of the document, and the basis upon which such privilege is claimed.
- 7) Pursuant to 16 TAC § 22.144(h)(4), if the response to any request is voluminous, please provide a detailed index of the voluminous material.
- 8) Mission:data requests that each item of information be made available as it is completed, rather than upon completion of all information requested.

**PUCT Docket No. 48745**  
**SOAH Docket No. 473-19-1841**

**MISSION:DATA COALITION'S SECOND REQUEST FOR INFORMATION TO  
ENTERGY TEXAS, INC. (ETI)**

**QUESTIONS M:d 3-1 THROUGH M:d 3-4**

**M:d 3-1**

See ETI's response to M:d 2-1 in which ETI states, "There is a unique identifier associated with each one of a customer's meters that will be provided to an authorized CSP. That unique identifier is then included in the XML file received by the customer-authorized CSP, which will allow the CSP to match the applicable XML file to each meter."

- (a) Is the XML file referenced separate from, or contained within, the Green Button file containing usage data?
- (b) How will the "unique identifier" be "provided to an authorized CSP"? Via email, File Transfer Protocol site, Application Programming Interface, or other method? Please explain in detail.
- (c) Please provide a sample of the XML file containing the unique identifiers.
- (d) Please explain in detail how a CSP is expected to use a "unique identifier" to determine the meter's address or physical location.

**M:d 3-2**

See ETI's response to M:d 2-3(c), in which ETI states, "A CSP will receive an access token after becoming a registered third-party service provider." Please note that, according to IETF RFC6749, an "access token" is a customer-specific authorization token generated by the customer's authorization action, whereas a "client\_secret" is a CSP-specific code given by ETI

to ensure secure communications with the CSP. For further information, see <https://tools.ietf.org/html/rfc6749#section-4.1>.

(a) Given the above definitions, does ETI wish to update its response to M:d 2-3(c)?

(b) Given the above definitions, does ETI wish to update its response to M:d 2-3(d)?

(c) At what stage in the authorization flow does the customer log in to the Competitive Service Provider's (CSP) website? Please explain in detail.

(b) If the customer does not log in to the CSP's website during the authorization flow, then what is OAuth 2.0 used for? Please explain in detail.

### **M:d 3-3**

(a) Does ETI intend to provide a "sandbox" or "test" environment for CSPs to test their Green Button Connect integration with ETI?

(b) If so, please explain the features of the sandbox environment in detail. If not, please explain why not in detail.

### **M:d 3-4**

What processes does ETI have in place to distinguish energy usage values of zero (0) for particular time intervals with energy usage values of "null" (or "no value available") prior to transmission to customer-authorized CSPs via Green Button Connect? Please explain in detail.