



Filing Receipt

Received - 2022-08-16 12:02:24 PM

Control Number - 53719

ItemNumber - 63

SOAH DOCKET NO. 473-22-04394

PUC DOCKET NO. 53719

**APPLICATION OF ENTERGY TEXAS, § BEFORE THE STATE OFFICE
INC. FOR AUTHORITY TO CHANGE § OF
RATES § ADMINISTRATIVE HEARINGS
§
§**

**SIERRA CLUB’S FIRST SET OF REQUESTS FOR INFORMATION
TO ENTERGY TEXAS, INC.**

Sierra Club submits this First Set of Requests for Information (“RFI”) to Entergy Texas, Inc. (“Entergy”). Under 16 TAC §§ 22.141-145, Sierra Club requests that Entergy provide the following information and answer the following questions under oath. Please answer the questions and sub-questions in the order in which they are listed and in sufficient detail to provide a complete and accurate answer to the 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. Please state the name of the witness in this proceeding who will sponsor the answer to the question.

Responses to the RFIs should be served on the following individuals within twenty (20) days of service, or as modified by order in this case:

Joshua Smith
Sierra Club Environmental Law Program
2101 Webster St., Suite 1300
Oakland, CA 94612
joshua.smith@sierraclub.org

DEFINITIONS

Unless otherwise specified in each individual interrogatory or request, “you,” “your,” the “Company,” or “Entergy,” refers to Entergy Texas, Inc., and its affiliates, directors, officers, employees, consultants, attorneys, and authorized agents.

“And” and “or” shall be construed either conjunctively or disjunctively as required by the context to bring within the scope of these interrogatories and requests for production of documents any information which might be deemed outside their scope by another construction.

“Any” means all, each and every example of the requested information.

“Communication” means any transmission or exchange of information between two or more persons, whether orally or in writing, and includes, without limitation, any conversation or discussion by means of letter, telephone, note, memorandum, telegraph, telex, telecopy, cable, email, or any other electronic or other medium.

“Control” means, without limitation, that a document is deemed to be in your control if you have the right to secure the document or a copy thereof from another person or public or private entity having actual possession thereof. If a document is responsive to a request, but is not in your possession or custody, identify the person with possession or custody. If any document was in your possession or subject to your control, and is no longer, state what disposition was made of it, by whom, the date on which such disposition was made, and why such disposition was made.

“Document” refers to written matter of any kind, regardless of its form, and to information recorded on any storage medium, whether in electrical, optical or electromagnetic form, and capable of reduction to writing by the use of computer hardware and software, and includes all copies, drafts, proofs, both originals and copies either (1) in the possession, custody or control of the Company regardless of where located, or (2) produced or generated by, known to or seen by the Company, but now in their possession, custody or control, regardless of where located whether or still in existence. Such “documents” shall include, but are not limited to, applications, permits, monitoring reports, computer printouts, contracts, leases, agreements, papers, photographs, tape recordings, transcripts, letters or other forms of correspondence, folders or similar containers, programs, telex, TWX and other teletype communications,

memoranda, reports, studies, summaries, minutes, minute books, circulars, notes (whether typewritten, handwritten or otherwise), agenda, bulletins, notices, announcements, instructions, charts, tables, manuals, brochures, magazines, pamphlets, lists, logs, telegrams, drawings, sketches, plans, specifications, diagrams, drafts, books and records, formal records, notebooks, diaries, registers, analyses, projections, email correspondence or communications and other data compilations from which information can be obtained (including matter used in data processing) or translated, and any other printed, written, recorded, stenographic, computer-generated, computer-stored, or electronically stored matter, however and by whomever produced, prepared, reproduced, disseminated or made. For purposes of the production of “documents,” the term shall include copies of all documents being produced, to the extent the copies are not identical to the original, thus requiring the production of copies that contain any markings, additions or deletions that make them different in any way from the original.

“Identify” means:

- a. With respect to a person, to state the person’s name, address and business relationship (e.g., “employee”) vis-à-vis the Company;
- b. With respect to a document, to state the nature of the document in sufficient detail for identification in a request for production, its date, its author, and to identify its custodian. If the information or document identified is recorded in electrical, optical or electromagnetic form, identification includes a description of the computer hardware or software required to reduce it to readable form.

“Person” means, without limitation, every natural person, corporate entity, partnership, association (formal or otherwise), joint venture, unit operation, cooperative, municipality, commission, governmental body or agency.

“Relating to” or “concerning” means and includes pertaining to, referring to, or having as a subject matter, directly or indirectly, expressly or implied, the subject matter of the specific request.

“Workpapers” are defined as original, electronic, machine-readable, unlocked, unlocked, in native format, and with formulae and links intact.

INSTRUCTIONS

1. The Definitions, Instructions, and Claim of Privilege set out in this Request for Information apply to these questions.
2. In answering these questions, furnish all information that is available to you, including information in the possession of your agents, employees, and representatives, all others from whom you may freely obtain it, and your attorneys and their investigators.
3. Please answer each question based upon your knowledge, information, or belief, and any answer that is based upon information or belief should state that it is given on that basis.
4. If you have possession, custody, or control (as defined by Tex. R. Civ. P. 192.7(b)) of the originals of these documents requested, please produce the originals or a complete copy of the originals and all copies that are different in any way from the original, whether by interlineation, receipt stamp, or notation.
5. If you do not have possession, custody, or control of the originals of the documents requested, please produce copies of the documents, however made, in your possession, custody, or control. If any document requested is not in your possession or subject to your control, please explain why not, and give the present location and custodian of any copy or summary of the document.
6. If any question appears confusing, please request clarification from the undersigned counsel.
7. In providing your responses, please start each response on a separate page and type, at the top of the page, the question that is being answered.
8. As part of the response to each question, please state, at the bottom of the answer, the name and job position of each person who participated in any way, other than providing clerical assistance, in the preparing of the answer. If the question has sub-parts, please identify the person or persons by sub-part. Please also state the name of the witness in this docket who will sponsor the answer to the question and who can vouch for the truth of the answer. If the question has sub-parts, please identify the witness or witnesses by sub-part.

9. Rather than waiting to provide all of the responses at the same time, please provide individual responses as each becomes available.

10. Wherever the response to a request for information consists of a statement that the requested information is already available to Sierra Club, please provide a detailed citation to the document that contains the information. The citation shall include the title of the document, relevant page number(s), and to the extent possible paragraph number(s) and/or chart(s)/table(s)/figure number(s).

11. In the event that any document referred to in response to any request for information has been destroyed, specify the date and the manner of such destruction, the reason for such destruction, the person authorizing the destruction and the custodian of the document at the time of its destruction.

12. These questions are continuing in nature. If there is a change in circumstances or facts or if you receive or generate additional information that changes your answer between the time of your original response and the time of the hearings, then you should submit, under oath, a supplemental response to your earlier answer.

13. If you consider any question to be unduly burdensome, or if the response would require the production of a voluminous amount of material, please call the undersigned counsel as soon as possible in order to discuss the situation and to try to resolve the problem. Likewise, if you object to any of the questions on the grounds that the question seeks confidential information, or on any other grounds, please call the undersigned counsel as soon as possible.

14. If the response to any question is voluminous, please provide separately an index to the materials contained in the response.

15. If the information requested is included in previously furnished exhibits, workpapers, or responses to other discovery inquiries or otherwise, in hard copy or electronic format, please furnish specific references thereto, including Bates Stamp page citations and detailed cross-references.

16. Data should be provided in native electronic format including active EXCEL workbooks and all linked workbooks, with all formulas, cell references, links, etc., intact, functioning, and complete for all tables, figures, and attachments in the testimony.

17. To the extent that a question asks for the production of copyrighted material, it is sufficient to provide a listing of such material, indicating the title, publisher, author, edition, and page references relied on or otherwise relevant to the question.

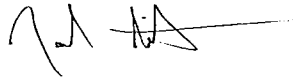
18. Sierra Club reserves the right to serve supplemental, revised, or additional discovery requests as permitted in this proceeding.

PRIVILEGE

If you claim a privilege including, but not limited to, the attorney-client privilege or the work product doctrine, as grounds for not fully and completely responding to any request for information or request for production, describe the basis for your claim of privilege in sufficient detail so as to permit meaningful evaluation of the validity of the claim. With respect to documents for which a privilege is claimed, produce a “privilege log” that identifies the author, recipient, date and subject matter of the documents or interrogatory answers for which you are asserting a claim of privilege and any other information pertinent to the claim that would likewise enable evaluation of the validity of such claims.

Dated: August 16, 2022

Respectfully submitted,

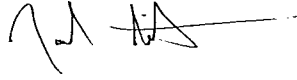


Joshua Smith
Sierra Club Environmental Law Program
2101 Webster St., Suite 1300
Oakland, CA 94612
Tele: 415-977-5560
joshua.smith@sierraclub.org

Counsel for Sierra Club

CERTIFICATE OF SERVICE

I, Joshua Smith, certify that a copy of the foregoing Sierra Club submission was served upon all parties of record in this proceeding on August 16, 2022, by First-class U.S. mail, hand delivery, and/or e-mail, as permitted by the presiding officer.



Joshua Smith
Sierra Club Environmental Law Program

EXHIBIT A

SOAH DOCKET NO. 473-22-04394

PUC DOCKET NO. 53719

APPLICATION OF ENTERGY TEXAS, INC. FOR AUTHORITY TO CHANGE RATES	§ § § § §	BEFORE THE STATE OFFICE OF ADMINISTRATIVE HEARINGS
---	----------------------------------	---

**SIERRA CLUB’S FIRST SET OF REQUESTS FOR INFORMATION TO ENTERGY
TEXAS, INC.**

- 1.1 Please provide all public and confidential responses to Requests for Information issued by Entergy or any other party to this proceeding.
- 1.2 Please provide all confidential, unredacted testimony, exhibits, work papers, and schedules supporting Entergy’s application in electronic, machine-readable format with formulae intact, including all confidential or highly sensitive testimonies, exhibits, work papers, and schedules supporting Entergy’s application.
- 1.3 Please refer to the Direct Testimony of Beverley Gale. Please provide all joint ownership or operating agreements, including all modifications, for the R.S. Nelson and Big Cajun II power plants.
- 1.4 Please refer to the Direct Testimony of Anastasia R. Meyer. Please provide unredacted, in native format with all formulae intact, all analyses or assessments that study the value of continued operation (e.g., all retirement studies, unit condition assessments, or deactivation assessments) conducted since 2015, for R.S. Nelson Unit 6, including, but not limited to, all studies, presentations, reports, or other assessments conducted to determine how to comply with any existing, impending, or potential environmental regulation.
- 1.5 Please provide unredacted, in native format with all formulae intact, all analyses or assessments that study the value of continued operation (e.g., all retirement studies, unit condition assessments, or deactivation assessments) conducted since 2015, for Big Cajun II, Unit 3, including, but not limited to, all studies, presentations, reports, or other assessments conducted to determine how to comply with any existing, impending, or potential environmental regulation.

- 1.6 For each retirement study or unit condition assessment in response to Sierra Club 1:4 or 1.5, above:
- a. State which modeling software was used to conduct the analysis.
 - b. State the date that the analysis was performed.
 - c. State whether the units were modeled with an economic (market) or self-commitment (must run) status for each year of the analysis.
 - d. State the date of each forecast or projection used in the analysis.
 - e. State the regulation or rationale behind each retirement date(s) studied.
 - f. Provide all underlying workbooks with formulas intact that were used to develop model input assumptions.
 - g. Identify all transmission grid updates or changes that would be needed to allow for the retirement of R.S. Nelson or Big Cajun II Unit 3.
 - h. Produce all analyses or assessments of the impact that retirement of each unit would have on capacity adequacy, transmission grid stability, transmission grid support, voltage support, or transmission system reliability.
 - i. Provide each of the following inputs for each modeled scenario:
 - i. Heat rate (Btu)
 - ii. Projected Ongoing Capital expenditures (\$)
 - iii. Variable Operation and Maintenance (\$/MWh)
 - iv. Fixed Operation and Maintenance (\$/MW)
 - v. Environmental compliance capital expenditures
 - vi. All transmission upgrade costs assumed, if any (\$);
 - vii. MISO energy price forecasts (with and without CO₂ price);
 - viii. MISO capacity price forecasts (with and without CO₂ price);
 - ix. CO₂ price forecasts
 - x. Coal price (\$/MMBtu)
 - xi. Gas price (\$/MMBtu)
 - j. For each replacement resource available to the model, provide each of the following inputs for each resource at the highest level of granularity used in conducting the analysis:
 - i. Replacement resource options
 - ii. Replacement resource size (MW)
 - iii. Year replacement resource is available (year)
 - iv. Cost of replacement resource option (\$/MW)
 - v. Annual capacity factor
 - k. Provide all model outputs by unit, including:
 - i. Annual generation (MWh)
 - ii. Fuel Costs (\$)
 - iii. VOM Costs (\$)
 - iv. FOM Costs (\$)
 - v. Capital expenditures (\$)
 - vi. Other capital expenditures (\$)
 - vii. Energy and ancillary market revenues (\$)
 - l. Provide all post-processing workbooks with formulas intact that were used to analyze study results outside the model.

- 1.6. For R.S. Nelson Unit 6 and Big Cajun II Unit 3, please provide the following historical annual data from 2011 and through 2020, and by month as available for 2021:
- a. Installed Capacity
 - b. Unforced Capacity
 - c. Capacity Factor
 - d. Equivalent Availability Factor (EAF)
 - e. Heat Rate
 - f. Forced or random outage rate
 - g. Effective forced outage rate (EFORd)
 - h. Fixed O&M costs
 - i. Non-Fuel Variable O&M costs
 - j. Fuel Costs (by fuel type)
- 1.7 For R.S. Nelson Unit 6 and Big Cajun II Unit 3, for each of the years 2021 through 2030, please identify the Company's most recent projection of:
- a. Installed Capacity
 - b. Unforced Capacity
 - c. Capacity factor
 - d. Availability
 - e. Heat rate
 - f. Forced or random outage rate
 - g. Fixed O&M cost
 - h. Variable O&M cost
 - i. Fuel cost (by fuel type)
- 1.8 Please provide the following for Entergy Texas, with supporting workpapers (in electronic, machine-readable format):
- a. Annual peak load since 2015 (or earliest available).
 - b. Annual MISO capacity reserve requirement since 2015 (or earliest available).
 - c. Annual sales since 2015 (or earliest available).
 - d. Annual generation since 2015 (or earliest available).
 - e. Annual off-system energy sales in GWhs since 2015 (or earliest available).
 - f. Annual off-system energy sales revenues in dollars since 2015 (or earliest available).
 - g. Annual off-system energy purchases in GWhs since 2015 (or earliest available).
 - h. Annual off-system energy purchases revenues in dollars since 2015 (or earliest available).
- 1.9 For R.S. Nelson Unit 6 and Big Cajun II Unit 3, please provide the following:
- a. Historical capital expenditures since 2010.
 - b. Projected capital expenditures through 2030.
 - c. Provide a specific accounting of all projects and capital expenditures already scheduled or planned at each unit over the next ten years.
 - d. For each capital expenditure involving more than \$1 million, please provide all analyses of the present value of those investments versus retirement or replacement. If the Company did not perform any such analysis, why not?

- 1.10 Provide company plant in service amounts from 2015 through the present for R.S. Nelson and Big Cajun II Unit 3, respectively, for each month. For each month, include plant balance as of the first day of the month, addition, transfers, retirements, and plant balance at the end of the month.
- 1.11 Provide the Company's three most-recent commodity and power market price forecasts. Indicate the date of each forecast.
- 1.12 Provide total energy and ancillary service market revenues for R.S. Nelson and Big Cajun II Unit 3, respectively, for the period 2015–2020. State whether the values represent Entergy Texas's share or total unit.
- 1.13 Provide total projected energy and ancillary service market revenues for R.S. Nelson and Big Cajun II Unit 3, respectively, for the period 2021–2030. State whether the values represent Entergy Texas's share or total unit.