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APPLICATION OF CENTERPOINT §
ENERGY HOUSTON ELECTRIC, LLC § BEFORE THE STATE OFFICE
FOR AUTHORITY TO CHANGE § OF
RATES § ADMINSTRATIVE HEARINGS

**City of Houston's Ninth Request for Information to
CenterPoint Energy Houston Electric, LLC**

In connection with the Application filed by CenterPoint Energy Houston Electric, LLC ("CEHE"), by and through its attorney of record, provides the following information within seven (7) days of receipt of these requests. It is further requested that the answers to the requests for information be made under oath and that each item of information be made available as it is completed, rather than upon compilation of all information requested. Each answer should identify the person responsible for preparing that answer (other than the purely clerical aspects of its preparation) and the name of the witness in this proceeding who will sponsor the answer and who can vouch for its accuracy. These requests are continuing in nature, and should there be a change in circumstances which would modify or change an answer supplied by you, such changed answer should be submitted immediately as supplement to your original answer.

Definitions and Explanatory Notes

1. When a request calls for identification of a "person or witness," the identification shall include a full name, business address and business telephone number. The identification should also include a job title and name of employer.
2. The terms "document" and "documents" are used in their broadest sense and shall mean and include all written, printed, typed, recorded, or graphic matter of every kind and description, including drafts, originals and copies, and all attachments and appendices thereto. Without limiting the foregoing, the terms "document" and "documents" shall include all agreements, contracts, communications, correspondence, letters, telegrams, telexes, messages, memoranda, records, reports, books, summaries, tape recordings or other records of telephone conversations or interviews, summaries or other records of personal conversations, minutes or summaries or other records of meetings and conferences, summaries or other records of negotiations, other summaries, diaries, diary entries, calendars, appointment books, time record, instructions, work assignments, forecasts, statistical data,

statistical statements, financial statements, work sheets, work papers, drafts, graphs, maps, charts, tables, accounts, analytical records, consultants' reports, appraisals, bulletins, brochures, pamphlets, circulars, trade letters, press releases, notes, notices, marginal notations, notebooks, telephone records, bills, statements, records of obligation and expenditure, invoices, lists, journals, advertising, recommendations, printouts, compilations, tabulations, analysis, studies, surveys, transcripts of hearings, transcripts of testimony, affidavits, expense reports, microfilm, microfiche, articles, speeches, tape or disk recordings, sound recordings, video recordings, film, tape, photographs, punch cards, programs, data compilation from which information can be obtained, and other printed, written, handwritten, type-written, recorded, stenographic, computer-generated, computer-stored, or electronically-stored matter, however, and by whomever produced, prepared, reproduced, disseminated, or made. The terms "non-privileged document" and "non-privileged documents" also include all copies of documents by whatever means made, except that where a document is identified or produced, identical copies thereof which do not contain any markings, additions, or deletions different from the original need not be separately produced.

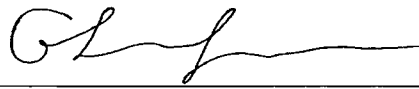
3. If any of the information requests is available in machine-readable form (such as paper or magnetic tapes, drums, disks or other storage), state the form in which it is available and describe the type of computer or other machinery required to read the information.
4. When a request calls for identification of a "document," the identification should include the following:
 - a. the full name and address of the author(s) by whom the document was written, prepared, recorded or made;
 - b. the date of the document;
 - c. the title and/or 're' of the document;
 - d. the subject matter of the document;
 - e. the full name and address of the recipient and every person who received copies of the document;
 - f. the full name and address of the person who has possession, custody or control of the document, or who is in charge of maintaining the document; and
 - g. if the document has been lost, shredded or destroyed (whether intentionally or unintentionally) an explanation of the reasons for and causes of such loss, shredding or destruction.
5. The term "studies" includes any document, as defined herein, which reflects or was utilized in the collection, evaluation, analysis, summarization or characterization of information with the subjects referred to in this proceeding.
6. The term "CenterPoint" and/or "CEHE" includes CenterPoint Energy Houston Electric, LLC and all of its agents, employees, parent companies, subsidiaries, affiliates, predecessors, successors, or assigns.

Respectfully submitted,

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By: 
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Counsel for City of Houston

CERTIFICATE OF SERVICE

I hereby certify that on this 3rd day of May, 2019, a true and correct copy of the foregoing document was served upon on all parties of record by email and to the Public Utilities Commission by Federal Express.


Chelsea J. Lu

City of Houston's Ninth Request for Information

- 9-1. Please refer to Page 5 of 27 of WP/Streetlight Rate Design and provide the annual numbers of Lamps for City of Houston accounts only, by lamp types in the same format as shown on this page.
- 9-2. Please refer to Page 7 of 27 of WP/Streetlight Rate Design and provide the current revenues for City of Houston accounts only, by lamp types in the same format as shown on this page.
- 9-3. Please refer to Page 7 of 27 of WP/Streetlight Rate Design and provide the actual streetlight revenues collected from City of Houston accounts only by lamp types for the test year, in the same format as shown on this page.
- 9-4. Please refer to Page 9 of 27 of WP/Streetlight Rate Design and provide the proposed streetlight revenues for City of Houston accounts only by lamp types for the test year, in the same format as shown on this page.
- 9-5. Please refer to Page 11 of 27 of WP/Streetlight Rate Design and provide the percent increase/decrease in revenue for Streetlight revenues for City of Houston accounts only, by lamp types for the test year, in the same format as shown on this page.
- 9-6. Please refer to Page 18 of 27 of WP/Streetlight Rate Design and answer the following questions:
 - a. Please explain in detail how the initial investments for Luminaire for the LED Lighting were determined.
 - b. Please explain in detail how the \$18.32 initial investment for the Photovol TAIC Electric Relay (PER) for the LED Lighting was determined.
 - c. Please explain in detail how the \$46.34 initial investment for the Mounting Bracket for the LED Lighting was determined.
 - d. Please explain in detail how the \$20 initial investment for the 100' SPan - #4-2C Twist @ \$.20/FT for the LED Lighting was determined.
 - e. Please explain in detail how the \$7.53 initial investment for the Arm Wiring /Splices/Misc. Components for the LED Lighting was determined.
 - f. Please explain in detail how the \$134.35 initial investment for the Installation Cost (Labor) for the LED Lighting was determined.
 - g. Please explain in detail how the initial investments for the Overhead (Stores & Engr.) for the LED Lighting were determined.
 - h. Please explain in detail how the \$36.64 Fixture Replacement Cost for the LED Lighting was determined.
 - i. Please explain in detail how the \$19.95 Transportation Cost for the LED Lighting was determined.
 - j. Please explain in detail how the \$94.89 Labor Cost/hr for the LED Lighting was determined.
 - k. Please explain in detail how the \$109.13 Replacement Cost (Labor) for the LED Lighting was determined.

- l. Please explain in detail how the \$6.92 Overhead (Store) for the LED Lighting was determined.
- 9-7. Please refer to Page 20 of 27 of WP/Streetlight Rate Design and answer the following questions:
- a. Please explain in detail how the initial investments for Luminaire for the LED Lighting were determined.
 - b. Please explain in detail how the \$18.32 initial investment for the Photovol TAIC Electric Relay (PER) for the LED Lighting was determined.
 - c. Please explain in detail how the \$75 initial investment for the Mounting Bracket/ARM(8' Arm) for the LED Lighting was determined.
 - d. Please explain in detail how the \$674 initial investment for the 30' Base Plate Type Pole for the LED Lighting was determined.
 - e. Please explain in detail how the \$298.18 initial investment for the Foundation Rebar, Anchor Bolt Kit (SAP 243140) for the LED Lighting was determined.
 - f. Please explain in detail how the \$10.39 initial investment for the Pole Wire/Splices/Misc. Components for the LED Lighting was determined.
 - g. Please explain in detail how the \$33 initial investment for the OH Wire@150' - Source To Pole @.20/FT for the LED Lighting was determined.
 - h. Please explain in detail how the \$876.25 initial investment for the Installation Cost (Labor) for the LED Lighting was determined.
 - i. Please explain in detail how the initial investments for the Overhead (Stores & Engr.) for the LED Lighting were determined.
 - j. Please explain in detail how the \$36.64 Fixture Replacement Cost for the LED Lighting was determined.
 - k. Please explain in detail how the \$9.98 Transportation Cost for the LED Lighting was determined.
 - l. Please explain in detail how the \$90.48 Labor Cost/hr for the LED Lighting was determined.
 - m. Please explain in detail how the \$104.7 Replacement Cost (Labor) for the LED Lighting was determined.
 - n. Please explain in detail how the \$6.92 Overhead (Store) for the LED Lighting was determined.
- 9-8. Please refer to Page 22 of 27 of WP/Streetlight Rate Design and answer the following questions:
- a. Please explain in detail how the initial investments for Luminaire for the LED Lighting were determined.
 - b. Please explain in detail how the \$36.64 initial investment for the Photovol TAIC Electric Relay (PER) for the LED Lighting was determined.
 - c. Please explain in detail how the \$150.96 initial investment for the Mounting Bracket/ARM(8' Arm) for the LED Lighting was determined.
 - d. Please explain in detail how the \$674 initial investment for the 30' Base Plate Type Pole for the LED Lighting was determined.

- e. Please explain in detail how the \$298.18 initial investment for the Foundation Rebar. Anchor Bolt Kit (SAP 243140) for the LED Lighting was determined.
- f. Please explain in detail how the \$12.31 initial investment for the Pole Wire/Splices/Misc. Components for the LED Lighting was determined.
- g. Please explain in detail how the \$33 initial investment for the OH Wire@150' - Source To Pole @.20/FT for the LED Lighting was determined.
- h. Please explain in detail how the \$876.25 initial investment for the Installation Cost (Labor) for the LED Lighting was determined.
- i. Please explain in detail how the initial investments for the Overhead (Stores & Engr.) for the LED Lighting were determined.
- j. Please explain in detail how the \$73.28 Fixture Replacement Cost for the LED Lighting was determined.
- k. Please explain in detail how the \$19.95 Transportation Cost for the LED Lighting was determined.
- l. Please explain in detail how the \$94.89 Labor Cost/hr for the LED Lighting was determined.
- m. Please explain in detail how the \$109.13 Replacement Cost (Labor) for the LED Lighting was determined.
- n. Please explain in detail how the \$13.84 Overhead (Store) for the LED Lighting was determined.

9-9. Please refer to Page 24 of 27 of WP/Streetlight Rate Design and answer the following questions:

- a. Please explain in detail how the initial investments for Luminaire for the LED Lighting were determined.
- b. Please explain in detail how the \$18.32 initial investment for the Photovol TAIC Electric Relay (PER) for the LED Lighting was determined.
- c. Please explain in detail how the \$51 initial investment for the Mounting Bracket/ARM(2') for the LED Lighting was determined.
- d. Please explain in detail how the \$371 initial investment for the 30' Direct Embedded Pole for the LED Lighting was determined.
- e. Please explain in detail how the \$29.71 initial investment for the Pole Wire/Splices/Misc. Components for the LED Lighting was determined.
- f. Please explain in detail how the \$63 initial investment for the UG Wire@150' - Source To Pole @.42/FT for the LED Lighting was determined.
- g. Please explain in detail how the \$787.97 initial investment for the Installation Cost (Labor) for the LED Lighting was determined.
- h. Please explain in detail how the initial investments for the Overhead (Stores & Engr.) for the LED Lighting were determined.
- i. Please explain in detail how the \$36.64 Fixture Replacement Cost for the LED Lighting was determined.
- j. Please explain in detail how the \$19.95 Transportation Cost for the LED Lighting was determined.

- k. Please explain in detail how the \$90.46 Labor Cost/hr for the LED Lighting was determined.
 - l. Please explain in detail how the \$104.70 Replacement Cost (Labor) for the LED Lighting was determined.
 - m. Please explain in detail how the \$6.92 Overhead (Store) for the LED Lighting was determined.
- 9-10. Please refer to Page 26 of 27 of WP/Streetlight Rate Design and answer the following questions:
- a. Please explain in detail how the initial investments for Luminaire for the LED Lighting were determined.
 - b. Please explain in detail how the \$36.64 initial investment for the Photovol TAIC Electric Relay (PER) for the LED Lighting was determined.
 - c. Please explain in detail how the \$150.96 initial investment for the Mounting Bracket/ARM(8' Arm) for the LED Lighting was determined.
 - d. Please explain in detail how the \$674 initial investment for the 30' Base Plate Type Pole for the LED Lighting was determined.
 - e. Please explain in detail how the \$373.08 initial investment for the Foundation Rebar. Anchor Bolt Kit (SAP 243140) for the LED Lighting was determined.
 - f. Please explain in detail how the \$37.87 initial investment for the Pole Wire/Splices/Misc. Components for the LED Lighting was determined.
 - g. Please explain in detail how the \$63 initial investment for the UG Wire@150' - Source To Pole @.42/FT for the LED Lighting was determined.
 - h. Please explain in detail how the \$1,067.87 initial investment for the Installation Cost (Labor) for the LED Lighting was determined.
 - i. Please explain in detail how the initial investments for the Overhead (Stores & Engr.) for the LED Lighting were determined.
 - j. Please explain in detail how the \$73.28 Fixture Replacement Cost for the LED Lighting was determined.
 - k. Please explain in detail how the \$19.95 Transportation Cost for the LED Lighting was determined.
 - l. Please explain in detail how the \$94.89 Labor Cost/hr for the LED Lighting was determined.
 - m. Please explain in detail how the \$109.13 Replacement Cost (Labor) for the LED Lighting was determined.
 - n. Please explain in detail how the \$13.84 Overhead (Store) for the LED Lighting was determined.
- 9-11. Please refer to Page 19 of 27 of WP/Streetlight Rate Design and answer the following questions:
- a. Please explain in detail how the \$19.95 Transportation Costs (Truck w/ Single Bucket) was determined.
 - b. Please explain in detail how the \$7.12 Coordination Cost was determined.

- c. Please explain in detail how the 17.29% Engineering/Construction Overhead Rate Factor was determined.
 - d. Please explain in detail how the 18.88% Store Overhead Rate Factor was determined.
- 9-12. Please provide all of the workpapers supporting your responses and if any of the responses to Request for Information above contain data or information shown in spreadsheet format, please provide electronic versions of the spreadsheets.