

In 2020, CenterPoint Houston continued offering incentives for Energy Star Certified Smart Thermostats. Thermostats were made available to customers via an online marketplace and at participating retail stores. Customers were able to receive a cash discount by downloading an electronic coupon code for redemption at the register. In 2020, CenterPoint Houston projected savings of 4,470,000 kWh, and the program yielded savings of 2,741,600 kWh. 2,300 thermostats were incentivized through the 2020 program.

### **Multi-Family MTP Market Rate & Multi-Family MTP Hard to Reach**

**Water & Space Heating** – The Water & Space Heating portion of the Multi-Family Program promotes the installation of energy efficient non-electric water heating and space heating in housing projects. In 2020, it paid incentives on ten market-rate apartment complexes with a total of 3,372 units in the CenterPoint Houston service area. These projects resulted in verified savings of 3,647 kW and 6,374,094 kWh.

**Direct Install** - The Direct Install portion of the Multi-Family Program promotes the installation of energy efficient measures at no cost to the developer, property owner, and tenants. In 2020, it paid incentives on nine apartment complexes with a total of 3,245 units in the CenterPoint Houston service area, all classified as Hard-To-Reach. These direct install measures produced verified savings of 173kW and 990,290 kWh.

**High Efficiency New Construction** - The High Efficiency New Construction program includes both low- and mid-rise projects to expand participation and to incorporate greater flexibility in estimating and documenting above-code energy savings. In 2020, the program incentivized the construction of four market rate properties, with a total of 970 units. These projects produced verified savings of 196 kW and 950,365 kWh.

In 2020, the Company projected to capture Multi-Family MTP savings of 1,199 kW and 1,914,570 kWh for market rate projects. Verified savings for market rate projects totaled 3,843 kW and 7,324,460 kWh.

## **X. Research and Development Results**

### **Energy Efficiency Database**

CenterPoint Houston's updated energy efficiency tracking system went live in 2020, and the Company continued to work with its vendor to configure this tool for each program in its energy efficiency portfolio.

### **Commercial Smart Thermostat**

In 2020, CenterPoint Houston began an R&D initiative to target ENERGY STAR® Smart Thermostat installations in commercial businesses such as convenience stores, strip malls, converted residences, and retail stores. The objective of this initiative is to evaluate the energy savings potential of Smart Thermostats in commercial buildings and pursue a deemed savings methodology that can be included in the Technical Reference Manual. In 2020, participation in this project was very limited (partially due to the onset of the COVID-19 pandemic) but a total of seventeen thermostats were installed at six small commercial sites. The Company plans to continue this R&D initiative in 2021 and capture enough participants to assess the viability of commercial Smart Thermostat savings.

## **XI. Administrative Funds Expended**

In 2020, CenterPoint Houston incurred administrative costs on categories such as continued support of its energy efficiency tracking database, employees' salaries, training, and travel, purchase of supplies, and other activities necessary and appropriate for successful program implementation. These costs meet the definition of administration costs as defined by the energy efficiency rule under 16 TAC § 25.181(g)(1) that states these type of costs "include all reasonable and necessary costs incurred by the utility in carrying out its responsibilities..." The spending in these cost categories is monitored throughout the year and mid-course corrections are made as necessary to ensure the success of our portfolio.

## **XII. Current Energy Efficiency Cost Recovery Factor (EECRF)**

CenterPoint Houston's 2021 EECRF was approved by the Public Utility Commission of Texas in Docket No. 50908 on October 16, 2020 in the amount of \$48,796,013.

"The Commission approves CenterPoint Houston's 2021 EECRF in the amount of \$48,796,013, which is comprised of the following:

- a. CenterPoint Houston's forecasted energy-efficiency program costs of \$38,252,585 in program year 2021;
- b. EM&V expenses of \$541,294 for the evaluation of program year 2020;
- c. an adjustment of \$715,400 for the total over-recovery, including interest, of program year 2019 energy-efficiency costs;
- d. a performance bonus of \$11,435,654;
- e. rate-case expenses in the amounts of \$24,846 incurred by CenterPoint Houston and \$7,033 incurred by Cities in Docket No. 49583; and
- f. an adjustment to lower the EECRF revenue requirement by \$750,000."

## **XIII. Revenue Collected Through EECRF**

In 2020, CenterPoint Houston collected a total of \$34,351,554 in energy efficiency program costs through the EECRF Rider.

## **XIV. Over or Under-Recovery of Energy Efficiency Program Costs**

In Docket No. 49583, the PUCT approved CenterPoint Houston's 2020 EECRF in the amount of \$35,401,638 consisting of:

|                 |  |
|-----------------|--|
| \$37,820,991    | 2020 Forecasted Program Costs              |
| \$6,738,428     | 2018 Bonus                                 |
| -\$6,101,507    | 2018 Over-Recovery                         |
| \$550,514       | 2020 Forecasted EM&V Expenses              |
| -\$3,700,000    | Adjustment/Lower EECRF Revenue Requirement |
| <u>\$93,211</u> | 2018 EECRF Proceeding Expenses             |
| \$35,401,638    | Total EECRF Costs                          |

In 2020, total energy efficiency related costs were \$37,281,888 which include program expenditures of \$36,001,242, EM&V costs of \$550,514, a prior period over-recovery of \$6,101,507, a program year 2018 performance bonus of \$6,738,428, and 2018 EECRF Proceeding expenses of \$93,211. Total revenues collected through the EECRF Rider were \$34,351,554, resulting in overall under-recovery of \$2,930,333.

## **XV. Under Served Counties**

There were no counties within the CenterPoint Houston service territory that were under-served by the Company's energy efficiency programs in 2020. CenterPoint Houston's energy efficiency programs were accessible to all counties within the Company's electric service area. Appendix C lists the counties served by CenterPoint Houston and the amount of savings each county achieved in 2020 through the Company's energy efficiency programs.

## Appendix A: Acronyms

|               |  |
|---------------|--|
| <b>ASHRAE</b> | American Society of Heating, Refrigerating and Air-Conditioning Engineers            |
| <b>CCET</b>   | Center for the Commercialization of Electric Technologies                            |
| <b>CLM</b>    | Commercial Load Management   |
| <b>DR</b>     | Demand Response  |
| <b>DSM</b>    | Demand Side Management   |
| <b>EEA</b>    | Energy Emergency Alert   |
| <b>EECRF</b>  | Energy Efficiency Cost Recovery Factor   |
| <b>EEP</b>    | Energy Efficiency Plan, which was filed as a separate document prior to April 2008   |
| <b>EEPR</b>   | Energy Efficiency Plan and Report  |
| <b>EER</b>    | Energy Efficiency Report, which was filed as a separate document prior to April 2008 |
| <b>ERCOT</b>  | Electric Reliability Council of Texas  |
| <b>HERS</b>   | Home Energy Ratings  |
| <b>HTR</b>    | Hard-To-Reach  |
| <b>IECC</b>   | International Energy Conservation Code   |
| <b>MTP</b>    | Market Transformation Program  |
| <b>PUCT</b>   | Public Utility Commission of Texas   |
| <b>RCx</b>    | Retro-Commissioning  |
| <b>REP</b>    | Retail Electrical Provider   |
| <b>RES</b>    | Residential  |
| <b>RESNET</b> | Residential Energy Services Network  |
| <b>SCORE</b>  | Schools Conserving Resources   |
| <b>SOP</b>    | Standard Offer Program   |
| <b>SHEM</b>   | Smart Home Energy Management System  |

## **Appendix B: Glossary**

Please refer to the glossary defined in 16 TAC § 25.181.

## Appendix C: Reported Demand and Energy Reduction by County

| Programs  |     | C O U N T I E S |           |           |            |           |             |         |           |            |           |         |             |
|---|-----|-----------------|-----------|-----------|------------|-----------|-------------|---------|-----------|------------|-----------|---------|-------------|
|   |     | Austin          | Brazoria  | Chambers  | Ft Bend    | Galveston | Harris      | Liberty | Matagorda | Montgomery | Waller    | Wharton | Total       |
| Commercial Standard Offer Program                         | kW  | 12              | 244       | 419       | 929        | 95        | 9,214       | 0       | 0         | 100        | 93        | 13      | 11,119      |
|   | kWh | 39,976          | 1,510,588 | 2,336,079 | 4,348,500  | 397,600   | 42,785,827  | 0       | 0         | 764,014    | 584,897   | 88,522  | 52,856,003  |
| SCORE   | kW  | 1               | 0         | 0         | 773        | 15        | 4,408       | 0       | 0         | 0          | 0         | 27      | 5,225       |
|   | kWh | 5,499           | 0         | 0         | 2,879,511  | 55,117    | 17,074,673  | 0       | 0         | 0          | 0         | 349,240 | 20,364,040  |
| Healthcare  | kW  | 0               | 0         | 0         | 37         | 0         | 766         | 0       | 0         | 23         | 0         | 0       | 826         |
|   | kWh | 0               | 0         | 0         | 273,405    | 0         | 5,616,219   | 0       | 0         | 81,761     | 0         | 0       | 5,971,385   |
| Data Centers Program                                      | kW  | 0               | 0         | 0         | 0          | 0         | 398         | 0       | 0         | 0          | 0         | 0       | 398         |
|   | kWh | 0               | 0         | 0         | 0          | 0         | 3,654,332   | 0       | 0         | 0          | 0         | 0       | 3,654,332   |
| Commercial Load Management Standard Offer Program         | kW  | 59              | 3,554     | 0         | 7,592      | 206       | 85,919      | 1,086   | 0         | 200        | 878       | 0       | 99,493      |
|   | kWh | 352             | 21,324    | 0         | 45,549     | 1,234     | 515,511     | 6,514   | 0         | 1,203      | 5,271     | 0       | 596,959     |
| Retro-Commissioning MTP                                   | kW  | 0               | 90        | 13        | 0          | 13        | 1,013       | 0       | 0         | 0          | 0         | 0       | 1,129       |
|   | kWh | 0               | 122,549   | 35,143    | 0          | 66,320    | 6,236,219   | 0       | 0         | 0          | 0         | 0       | 6,460,231   |
| REP MTP (Commercial CoolSaver)                            | kW  | 8               | 27        | 0         | 90         | 11        | 311         | 0       | 0         | 58         | 0         | 4       | 509         |
|   | kWh | 6,704           | 24,175    | 0         | 85,060     | 9,557     | 464,148     | 0       | 0         | 51,304     | 0         | 3,696   | 644,644     |
| Advanced Lighting Commercial MTP                          | kW  | 0               | 12        | 0         | 38         | 9         | 239         | 0       | 0         | 9          | 0         | 0       | 307         |
|   | kWh | 0               | 64,292    | 0         | 211,705    | 52,669    | 1,330,856   | 0       | 0         | 50,956     | 0         | 0       | 1,710,478   |
| CenterPoint Energy High Efficiency Home MTP               | kW  | 0               | 561       | 114       | 3,870      | 87        | 5,548       | 0       | 0         | 632        | 206       | 1       | 11,020      |
|   | kWh | 0               | 1,672,949 | 385,881   | 10,423,192 | 244,476   | 14,782,130  | 0       | 0         | 1,798,907  | 558,114   | 4,525   | 29,870,174  |
| Residential & Small Commercial Standard Offer Program     | kW  | 19              | 16        | 0         | 32         | 15        | 386         | 0       | 0         | 9          | 3         | 0       | 480         |
|   | kWh | 38,464          | 52,956    | 0         | 136,891    | 41,449    | 973,700     | 0       | 0         | 35,654     | 7,143     | 563     | 1,286,822   |
| Smart Thermostat Program                                  | kW  | 0               | 0         | 0         | 0          | 0         | 0           | 0       | 0         | 0          | 0         | 0       | 0           |
|   | kWh | 4,768           | 165,688   | 14,304    | 487,528    | 76,288    | 1,878,592   | 1,192   | 1,192     | 101,320    | 8,344     | 2,384   | 2,741,600   |
| Advanced Lighting Residential MTP                         | kW  | 0               | 219       | 0         | 721        | 179       | 4,534       | 0       | 0         | 174        | 0         | 0       | 5,828       |
|   | kWh | 0               | 1,221,554 | 0         | 4,022,389  | 1,000,719 | 25,286,258  | 0       | 0         | 968,166    | 0         | 0       | 32,499,087  |
| Midstream MTP (HVAC and Pool Pump Distributor)            | kW  | 0               | 246       | 39        | 691        | 55        | 2,339       | 0       | 0         | 139        | 7         | 0       | 3,516       |
|   | kWh | 0               | 659,698   | 99,655    | 2,004,207  | 137,143   | 6,916,363   | 0       | 0         | 468,826    | 23,069    | 0       | 10,308,961  |
| REP MTP (Residential CoolSaver and Efficiency Connection) | kW  | 2               | 51        | 6         | 228        | 11        | 743         | 0       | 0         | 41         | 4         | 1       | 1,089       |
|   | kWh | 7,353           | 165,557   | 18,038    | 687,038    | 43,068    | 2,316,997   | 2,500   | 0         | 130,628    | 12,278    | 4,892   | 3,388,349   |
| Residential Load Management SOP                           | kW  | 19              | 1,219     | 141       | 4,183      | 212       | 13,811      | 7       | 0         | 858        | 96        | 6       | 20,552      |
|   | kWh | 116             | 7,315     | 844       | 25,101     | 1,270     | 82,866      | 42      | 0         | 5,149      | 575       | 33      | 123,312     |
| Multi-Family MTP Market Rate                              | kW  | 0               | 21        | 0         | 0          | 0         | 3,626       | 0       | 0         | 196        | 0         | 0       | 3,843       |
|   | kWh | 0               | 81,695    | 0         | 0          | 0         | 6,566,147   | 0       | 0         | 676,618    | 0         | 0       | 7,324,460   |
| Smart Home Energy Management System (Pilot)               | kW  | 0               | 0         | 0         | 0          | 0         | 0           | 0       | 0         | 0          | 0         | 0       | 0           |
|   | kWh | 0               | 0         | 0         | 0          | 0         | 0           | 0       | 0         | 0          | 0         | 0       | 0           |
| Hard-to-Reach Standard Offer Program                      | kW  | 0               | 2         | 0         | 0          | 0         | 862         | 0       | 0         | 0          | 0         | 0       | 864         |
|   | kWh | 0               | 2,138     | 0         | 0          | 0         | 1,020,050   | 0       | 0         | 0          | 0         | 0       | 1,022,189   |
| Multi-Family MTP Hard-to-Reach                            | kW  | 0               | 0         | 0         | 0          | 0         | 171         | 0       | 0         | 0          | 0         | 0       | 171         |
|   | kWh | 0               | 0         | 0         | 0          | 0         | 990,290     | 0       | 0         | 0          | 0         | 0       | 990,290     |
| Targeted Low Income MTP (Agencies in Action)              | kW  | 0               | 0         | 0         | 32         | 0         | 4,786       | 0       | 0         | 0          | 0         | 0       | 4,818       |
|   | kWh | 0               | 0         | 0         | 48,254     | 0         | 7,726,325   | 0       | 0         | 0          | 0         | 0       | 7,774,579   |
| Programs - TOTAL  |     |                 |           |           |            |           |             |         |           |            |           |         |             |
| Total kW Savings  |     | 120             | 6,263     | 732       | 19,217     | 908       | 139,073     | 1,093   | 0         | 2,440      | 1,288     | 52      | 171,187     |
| Total kWh Savings   |     | 103,233         | 5,772,480 | 2,889,945 | 25,678,329 | 2,126,912 | 146,217,503 | 10,248  | 1,192     | 5,134,506  | 1,199,691 | 453,856 | 189,587,894 |

STATE OF TEXAS       §  
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**AFFIDAVIT OF MICHELLE MARIE TOWNSEND**

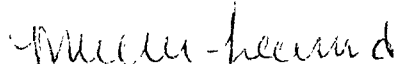
**BEFORE ME**, the undersigned authority, on this day personally appeared Michelle M Townsend, who, having been placed under oath by me, did depose as follows:

1. "My name is Michelle M. Townsend. I am over the age of eighteen and fully competent to make this affidavit. I am the Manager of Business Services Planning and Performance Management for CenterPoint Energy Service Company, LLC ("Service Company"). My business address is 1111 Louisiana Street, Houston, Texas 77002.
2. I am responsible for ensuring that the costs incurred by Service Company are properly billed to each of the CenterPoint Energy, Inc. ("CNP") business units, including CenterPoint Energy Houston Electric, LLC ("CenterPoint Houston"). I am also responsible for providing Service Company information to the Regulatory Reporting Department to support regulatory filing requirements. I am familiar with the affiliate billings included in the Company's application in this proceeding, including Service Company's practices and billing methodologies and how other affiliate costs are charged to CenterPoint Houston.
3. Service Company provides a number of services to the various operating units within CNP, such as CenterPoint Houston or the Gas Operations regions within CenterPoint Energy Resources Corp. Service Company costs are billed to affiliates, including CenterPoint Houston, through either direct billings or by allocation. Direct billings represent costs for services incurred directly on behalf of a business unit. These costs are billed directly to the business unit automatically through the SAP accounting system.
4. During the 2020 energy efficiency program year, Service Company billed directly to CenterPoint Houston's energy efficiency department a total of \$68,434 in affiliate expenses related to information technology necessary to operate CenterPoint Houston's energy efficiency program and meet the requirements of PURA § 39.905 and 16 Tex. Admin. Code ("TAC") § 25.182. No adjustments have been made to these costs.
5. The Company's application does not include any affiliate costs that are deemed unrecoverable or prohibited by PURA or the Commission's rules, including contributions to political organizations or causes or legislative advocacy.
6. CenterPoint Houston's energy efficiency department would require the same types of services provided by its Service Company if it were a stand-alone business entity. Service Company services provided to CenterPoint Houston's energy efficiency department are necessary for CenterPoint Houston's operations regardless of whether the service is performed centrally, as is done at CNP, or on a decentralized basis and residing at the business unit level. These services are not duplicative of any of the services provided by CenterPoint Houston.

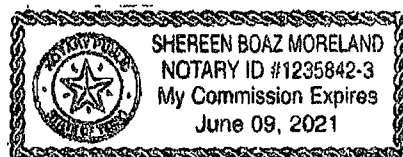



7. Affiliate costs directly billed to CenterPoint Houston are priced exactly the same as those provided to other affiliates. Each business unit is charged costs based on the same terms. Such equal treatment is necessary to ensure that all affiliates bear their appropriate costs. For services billed on the basis of time spent, each affiliate is charged the same rate per billable hour for the same service. To ensure all costs are billed each month, any residual unassigned amounts after billing service or billable hour units are billed to the affiliates based on planned activities. In addition, all transactions between Service Company and its affiliated business units are governed by the Service Level Agreements that are executed each year.
8. The Company employed the same methods that it used to prepare its affiliate billing information in the Company's last EECRF case, Docket No. 50908, *Application of CenterPoint Energy Houston Electric, LLC for Approval of an Adjustment to Its Energy Efficiency Cost Recovery Factor*. The nature of the directly billed costs and the methodologies by which those costs are determined have not changed since Docket No. 50908.
9. For all of these reasons, CenterPoint Houston has complied with the statutory and regulatory standards used by the Commission to determine the reasonableness and necessity of expenses associated with affiliate transactions and their inclusion in rates. The affiliate costs charged to CenterPoint Houston are of the type enumerated in the definition of TAC § 25.272(c)(4) of 'corporate support services.' These costs are fully direct billed and otherwise comport with the applicable requirements of TAC § 25.272 and PURA § 36.058. The affiliate costs charged to CenterPoint Houston are reasonable and necessary and have been priced no higher than Service Company charges other affiliates for the same service. There is no preferential treatment among, or cross-subsidization of, affiliates.

Further affiant sayeth not.

  
Michelle M. Townsend

SUBSCRIBED AND SWORN TO BEFORE ME on this 27 day of May 2020.



  
Notary Public in and for the State of Texas

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**AFFIDAVIT OF MARY A. KIRK**

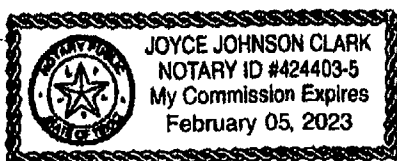
BEFORE ME, the undersigned authority, on this day personally appeared Mary A. Kirk,  
who having been placed under oath by me did depose as follows:

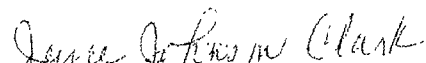
1. "My name is Mary A. Kirk. I am of sound mind and capable of making this affidavit. The facts stated herein are true and correct based on my personal knowledge.
2. I am Director Accounting at CenterPoint Energy Service Company, LLC ("Service Company"), which is a wholly-owned subsidiary of CenterPoint Energy Inc. ("CNP") that provides centralized support services to CNP's operation units, including CenterPoint Energy Houston Electric, LLC ("CenterPoint Houston" or the "Company"). I assumed this position effective July 16, 2012.
3. As Director Accounting for CNP, I am responsible for the accounting books and records of CNP's regulated gas and electric businesses, including financial accounting for these business units, regulatory reporting, and gas cost accounting. More specifically, I am responsible for the books and records that support the schedules used to develop CenterPoint Houston's Application for Approval of an Adjustment to its Energy Efficiency Cost Recovery Factor ("Application") in this proceeding. I am also responsible for ensuring that CNP has adequate staff, processes and systems in place to meet the Company's financial and regulatory accounting and reporting requirements as required by the Public Utility Commission of Texas.
4. The schedules supporting the Company's Application were prepared from the books and records of the Company and are accurate summaries of the business records upon which they are based.
5. The Company's books, accounts, and records are kept in compliance with the FERC Uniform System of Accounts, as prescribed by Section 14.151 of the Public Utility Regulatory Act, and meet all applicable requirements of 16 TAC § 25.72."

Further affiant sayeth not.

  
\_\_\_\_\_  
Mary A. Kirk

SUBSCRIBED AND SWORN TO BEFORE ME on this 26 day of May, 2021.



  
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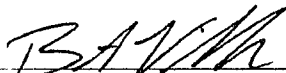
**AFFIDAVIT OF BERTHA VILLATORO**

BEFORE ME, the undersigned authority, on this day personally appeared Bertha Villatoro who having been placed under oath by me did depose as follows:

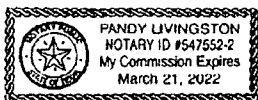
1. "My name is Bertha Villatoro. I am of sound mind and capable of making this affidavit. The facts stated herein are true and correct based upon my personal knowledge.
2. I am the Director, Compensation, at CenterPoint Energy Service Company, LLC ("Service Company"), which is a wholly-owned subsidiary of CenterPoint Energy Inc. ("CNP") that provides centralized support services to CNP's operating units, including CenterPoint Energy Houston Electric, LLC ("CenterPoint Houston" or the "Company").
3. CNP's philosophy is to maintain the market competitiveness of its programs as measured from a "total compensation" perspective. This means that we will measure all of the components that make up total compensation and benchmark against competitor companies to ensure that our compensation program is sufficient to recruit, retain and motivate the workforce needed to serve our customers.
4. The components of total compensation at CNP are base pay, short-term incentives, long-term incentives and benefits.
5. By providing total compensation opportunities comparable to those an employee could find in other companies, CNP is able to ensure its customers that experienced and capable employees will be on the job to provide the reliable and reasonably priced energy services they rely on.
6. In order to monitor and determine market-based compensation and benefits for its employees, CNP uses a variety of survey data. CNP relies on this survey data to establish pay levels that approximate the median pay levels our peers and competitors provide for jobs that are similar to CNP's jobs. We collect objective, confidential pay data reflective of a broad representation of the market.
7. CNP's benefits philosophy is to provide a comprehensive set of benefits to meet employees' welfare and financial security needs in an affordable and efficient manner with the overall value targeted at the midpoint of the marketplace, which is similar to its compensation philosophy.
8. CNP leverages its size and the expertise of its Human Resource staff to get the best value for its benefits expenditures. For instance, for all insured plans, we partner with brokers to ensure that administrative services are competitively priced and periodically we solicit third-party bids on all insured plans to ensure that the premiums CNP pays are reasonable.

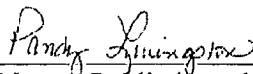
9. The compensation and benefits costs included in the Company's application are reasonable and necessary expenses to operate the Company's energy efficiency programs necessary to comply with the requirements of 16 TAC § 25.181. They are also necessary to provide safe, reliable and cost-effective service to the Company's customers.
10. The Company's energy efficiency program related compensation and benefit levels have been approved in previous dockets before this Commission, most recently in PUC Docket No. 50908, and they have not changed substantively since they were last approved.

Further affiant sayeth not.

  
\_\_\_\_\_  
Bertha Villatoro

**SUBSCRIBED AND SWORN TO BEFORE ME** on this 26th day of May, 2021.



  
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Notary Public in and for the State of Texas

**AFFIDAVIT OF SE H. CHANG**

**STATE OF TEXAS**       §  
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**COUNTY OF HARRIS**   §

Before me, the undersigned authority, on this day personally appeared Se H. Chang, who, having been placed under oath by me, did depose as follows:

1. My name is Se H. Chang. I am over the age of 18 and fully competent to make this affidavit.
2. I am employed by CenterPoint Energy Service Company, LLC as Senior Counsel.
3. I have a BS in Finance from the University of Florida and a JD from The University of Texas School of Law. I am licensed to practice law in Texas. I am have appeared in state and federal courts in Texas.
4. After graduation from law school, I was employed as an associate with Brown McCarroll, L.L.P. n/k/a Husch Blackwell LLP, during which time I represented debtors, creditors, and trustees in bankruptcy and bankruptcy-related litigation matters.
5. In 2014, I began working at the Public Utility Commission of Texas ("PUCT") as a staff attorney. As a staff attorney, I was involved in various matters involving electric utilities, water utilities, and sewer utilities. As it relates to energy efficiency filings, I was the staff attorney for the following matters:
  - *Application of Oncor Electric Delivery Company, LLC for 2015 Energy Efficiency Cost Recovery Factor*, Docket No. 42559 (Oct. 3, 2014);
  - *Application of CenterPoint Energy Houston Electric, LLC to Adjust its Energy Efficiency Cost Recovery Factor*, Docket No. 44783 (Oct. 14, 2015); and
  - *Application of CenterPoint Energy Houston Electric, LLC to Adjust its Energy Efficiency Cost Recovery Factor*, Docket No. 46014 (Nov. 2, 2016).
6. I have been employed by CenterPoint Energy Service Company, LLC as an attorney in its legal department since 2017. CenterPoint Energy Service Company, LLC, provides legal services to all business units of CenterPoint Energy, Inc., including its electric utility business, CenterPoint Energy Houston Electric, LLC ("CEHE").

7. I have represented CEHE in various matters, including matters before the PUCT. Throughout my career, I have hired and managed outside counsel and testifying and consulting experts, in numerous matters. I have been responsible for reviewing and approving invoices from outside law firms and consultants. I am familiar with the rates of a broad range of lawyers, both those at small and large firms and solo practitioners, including the rates charged by such attorneys for work on PUCT matters
8. As it relates to energy efficiency filings, I represented CEHE for the following matters:
  - *Application of CenterPoint Energy Houston Electric, LLC to Adjust its Energy Efficiency Cost Recovery Factor*, Docket No. 48420 (Dec. 10, 2018).
  - *Application of CenterPoint Energy Houston Electric, LLC to Adjust its Energy Efficiency Cost Recovery Factor*, Docket No. 49583 (Oct. 14, 2019); and
  - *Application of CenterPoint Energy Houston Electric, LLC to Adjust its Energy Efficiency Cost Recovery Factor*, Docket No. 50908 (Oct. 16, 2020).
9. In the 2020 *Application of CenterPoint Energy Houston Electric, LLC for Approval of an Adjustment to Its Energy Efficiency Cost Recovery Factor* ("EECRF"), Docket No. 50908, CEHE was represented by outside counsel from the law firm Coffin Renner LLP ("CR"). The CR attorneys who worked on this matter have extensive experience representing utilities before the PUCT.
10. Mark Santos was the primary lawyer at PCR representing CEHE in its 2020 EECRF filing in Docket No. 50908. Mr. Santos has been one of CEHE's outside counsels in various PUCT proceedings for many years. Moreover, CEHE is not the only utility client he represents before the PUCT. Mr. Santos is therefore knowledgeable of and skilled in PUCT practices and procedures.
11. Mr. Santos has also been the lead outside lawyer for CEHE in each of its previous annual EECRF filings since 2010. Of CEHE's outside counsel, he is the most knowledgeable concerning energy efficiency projects and EECRF issues.
12. The invoices to CEHE from CR for work in Docket No. 50908 total \$44,698.07 and are attached. I have personally reviewed the invoices on behalf of CEHE.

13. I reviewed the above-referenced invoices taking into consideration the eight factors listed in Rule 1.04(b) of the Texas Disciplinary Rules of Professional Conduct:
  - a. The time and labor required, novelty and difficulty of the questions involved, and the skill requisite to perform the legal services properly;
  - b. The likelihood that acceptance of employment will preclude other employment by the attorney;
  - c. The customary fee charged in the locality for similar legal services;
  - d. The amount of time involved and result achieved;
  - e. Time limitation imposed by the client or circumstances;
  - f. The nature and length of the professional relationship with the client;
  - g. The experience, reputation, and ability of the lawyers involved; and
  - h. Whether the fee is fixed or contingent or uncertain of collection before the legal services are rendered.
14. I considered the factors delineated by the Third Court of Appeals in *City of El Paso v. Public Utility Comm'n of Texas*, 916 S.W.2d 515 (Tex. App.—Austin 1995, writ dismissed by agreement):
  - a. Time and labor required;
  - b. Nature and complexity of the case;
  - c. The amount of money or value of property or interest at stake;
  - d. Extent of responsibilities the attorney assumes;
  - e. Whether the attorney loses other employment because of the undertaking; and
  - f. Benefits to the client from the services.
15. I also considered the relevant criteria relating to the reasonableness of rate case expenses in 16 Tex. Admin. Code (“TAC”) § 25.245(b):
  - a. The nature, extent, and difficulty of the work done by the attorney or other professional in the rate case;
  - b. The time and labor required and expended by the attorney or other professional;
  - c. The fees or other consideration paid to the attorney or other professional for the services rendered;
  - d. The expenses incurred for lodging, meals and beverages, transportation, or other services or materials;
  - e. The nature and scope of the rate case, including:
    - i. the size of the utility and number and type of consumers served;
    - ii. the amount of money or value of property or interest at stake;
    - iii. the novelty or complexity of the issues addressed;

- iv. the amount and complexity of discovery;
    - v. the occurrence and length of a hearing; and
  - f. The specific issue or issues in the rate case and the amount of rate-case expenses reasonably associated with each issue.
16. As noted above, I am familiar with the rates for utility regulatory work in Texas and elsewhere. Generally speaking, the rates charged by any individual lawyer typically vary based on the level of experience possessed by the lawyer performing the work, the size and reputation of the law firm in which the lawyer works, and the technical nature of the work performed. While the hourly rate charged by outside counsel for work is an important factor, it is only one of many important factors to be considered. Equally important are factors such as the number of hours worked, the complexity of the issues involved, and the experience of the lawyers involved. An experienced lawyer in a complex case with an hourly rate at the high end of the range may be able to more efficiently do the work than a less experienced lawyer with an hourly rate at the low- or mid-point of the hourly rate range, such that the total amount paid for the work is reasonable, even if the hourly rates are at the high end of the range. Similarly, a lawyer working at an hourly rate at the low- or mid-point of the range may have spent so many hours on a matter that the total amount paid for the work is not reasonable, even though the hourly rate is low.
17. I am familiar with many regulatory lawyers in the Texas bar, and the lawyers at CR enjoy excellent reputations for providing a high level of quality work on both complex and routine matters. In my experience, the hourly rates of CR for work done in Docket No. 50908 are consistent with other Texas lawyers performing similar work in Texas. Rates for lawyers that practice before the PUCT, in my experience, have recently ranged between \$300 to more than \$700. The rates for CR's work in Docket No. 50908 are in this range.
18. The rates charged by CR for Docket No. 50908 were the same hourly rates the law firm charged CEHE and its affiliates for other matters I am familiar with, including matters for which rate case expense reimbursement was not available.
19. In my opinion, the hourly rates charged by CR in Docket No. 50908 are reasonable and in the range of rates charged in Texas by firms with the same level of depth and expertise. Similarly, in my opinion, the other expenses charged by CR (i.e. copying, delivery service, etc.) are also reasonable and in line with costs charged by other law firms providing these types of legal services.

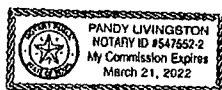


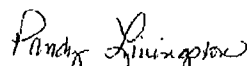
20. With regard to 16 TAC § 25.245(b) and (c) that relate to the determination of the reasonableness and necessity of the rate case expenses CEHE seeks to recover, the following information is relevant:
- a. The rate case expense documentation CEHE is filing shows that the fees paid to, tasks performed by, and time spent on a task by an attorney or other professional in these cases is not extreme or excessive;
  - b. The rate case expense documentation CEHE is filing shows that the expenses incurred for lodging, meals and beverages, transportation, or other services or materials were not extreme or excessive;
  - c. CEHE's applications, testimony, and related materials in Docket No. 50908 as well as the rate case documentation CEHE is filing show there was no unnecessary duplication of services or testimony;
  - d. CEHE's application, testimony, and related materials show that CEHE's EECRF application has a reasonable basis in law, policy and fact, and is warranted based on PUCT precedent in prior EECRF cases;
  - e. CEHE's rate case expenses in Docket No. 50908 as a whole are not disproportionate, excessive, or unwarranted in relation to the nature and scope of the rate case addressed by the evidence pursuant to 16 TAC § 25.245(b)(5) for the reasons noted above; and
  - f. Given the rate case expense documentation CEHE is filing, CEHE did not fail to comply with the requirements for providing sufficient information pursuant to 16 TAC § 25.245(b).
21. Based on my experience and after considering the factors listed in this affidavit, the \$44,698.07 in rate case expenses incurred by CEHE in Docket No. 50908 were reasonable and necessary for the work performed.



Se H. Chang

SUBSCRIBED AND SWORN TO BEFORE ME by the said Se H. Chang on the 24th day of May, 2021.



  
\_\_\_\_\_  
Notary Public, State of Texas

# Matter Invoice List

| Invoice Number | State    | Invoice Date | Organization               | Received Date       | Invoiced      | Discount | Adjustments | Tax      | Net Amount    |
|----------------|----------|--------------|----------------------------|---------------------|---------------|----------|-------------|----------|---------------|
| 7718           | Approved | 06/25/2020   | Coffin Renner LLP - 224267 | 06/29/2020 11:55 AM | 12,143.50 USD | 0.00 USD | 0.00 USD    | 0.00 USD | 12,143.50 USD |
| 7742           | Approved | 07/21/2020   | Coffin Renner LLP - 224267 | 07/21/2020 07:00 PM | 12,612.27 USD | 0.00 USD | 0.00 USD    | 0.00 USD | 12,612.27 USD |
| 7770           | Approved | 08/24/2020   | Coffin Renner LLP - 224267 | 08/24/2020 07:45 PM | 15,480.30 USD | 0.00 USD | 0.00 USD    | 0.00 USD | 15,480.30 USD |
| 7795           | Approved | 09/23/2020   | Coffin Renner LLP - 224267 | 09/23/2020 05:35 PM | 1,164.00 USD  | 0.00 USD | 0.00 USD    | 0.00 USD | 1,164.00 USD  |
| 7819           | Approved | 10/20/2020   | Coffin Renner LLP - 224267 | 10/20/2020 06:25 PM | 2,522.00 USD  | 0.00 USD | 0.00 USD    | 0.00 USD | 2,522.00 USD  |
| 7839           | Approved | 11/06/2020   | Coffin Renner LLP - 224267 | 11/06/2020 03:40 PM | 776.00 USD    | 0.00 USD | 0.00 USD    | 0.00 USD | 776.00 USD    |

# COFFIN RENNER LLP

P. O. Box 13366  
Austin, TX 78711  
512-879-0900  
Federal I.D. No. 27-0934461

Monica Karuturi  
CenterPoint Energy Houston Electric LLC  
P.O. Box 1332  
Houston, TX 77251-1332

Statement Date: June 25, 2020  
Statement No. 7718  
Client No. 201.142  
Page: 1

RE: 2020 EEPR & EECRF Filing

## Fees

|                               |     |      |      |  | Rate   | Hours |           |
|-------------------------------|-----|------|------|--|--------|-------|-----------|
| 05/15/2020                    | MAS | L210 | A104 | Review/Analyze application and notice issues                                 | 485.00 | 1.20  | 582.00    |
| 05/18/2020                    | MAS | L210 | A104 | Review/Analyze draft application, EEPR, notice, and testimony                | 485.00 | 5.10  | 2,473.50  |
| 05/19/2020                    | MAS | L210 | A104 | Review/Analyze draft filing package  | 485.00 | 3.10  | 1,503.50  |
|                               | MAS | L210 | A103 | Draft/Revise application, notice, and EEPR                                   | 485.00 | 1.30  | 630.50    |
| 05/20/2020                    | MAS | L410 | A104 | Review/Analyze J. Durland testimony, affidavits, and schedules               | 485.00 | 3.30  | 1,600.50  |
| 05/21/2020                    | MAS | L410 | A104 | Review/Analyze S. Richardson testimony and issues                            | 485.00 | 2.40  | 1,164.00  |
|                               | MAS | L210 | A106 | Communicate with client D. Hardcastle and S. Chang, et al. re filing package | 485.00 | 1.10  | 533.50    |
| 05/22/2020                    | MAS | L410 | A104 | Review/Analyze J. Durland draft testimony issues                             | 485.00 | 0.70  | 339.50    |
| 05/27/2020                    | MAS | L210 | A104 | Review/Analyze final application package                                     | 485.00 | 2.40  | 1,164.00  |
|                               | ERA | L210 | A103 | Draft/Revise and cite check application and attachments                      | 200.00 | 1.00  | 200.00    |
|                               | ERA | L410 | A104 | Review/Analyze J. Durland testimony  | 200.00 | 1.10  | 220.00    |
| 05/28/2020                    | MAS | L210 | A104 | Review/Analyze final application and filing package                          | 485.00 | 1.20  | 582.00    |
|                               | ERA | L210 | A104 | Review/Analyze exhibits to application                                       | 200.00 | 1.00  | 200.00    |
| 05/29/2020                    | MAS | L210 | A104 | Review/Analyze final draft of filing package                                 | 485.00 | 1.30  | 630.50    |
|                               | ERA | L410 | A104 | Review/Analyze and cite check S. Richardson testimony and exhibits           | 200.00 | 1.60  | 320.00    |
| For Current Services Rendered |     |      |      |  |        | 27.80 | 12,143.50 |

## Recapitulation

| Timekeeper   | Hours | Rate     | Total       |
|--------------|-------|----------|-------------|
| Mark Santos  | 23.10 | \$485.00 | \$11,203.50 |
| Emma Azarani | 4.70  | 200.00   | 940.00      |

CenterPoint Energy Houston Electric LL  
Account No. 201.142  
RE: 2020 EEPR & EECRF Filing

Statement Date: 06/25/2020  
Statement No. 7718  
Page No. 2

Total Current Work 12,143.50

Balance Due \$12,143.50

Task Code Summary

|      |                                 | <u>Fees</u> | <u>Expenses</u> |
|------|---------------------------------|-------------|-----------------|
| L210 | Pleadings                       | 8499.50     | 0.00            |
| L200 | Pre-Trial Pleadings and Motions | 8,499.50    | 0.00            |
| L410 | Fact Witnesses                  | 3644.00     | 0.00            |
| L400 | Trial Preparation and Trial     | 3,644.00    | 0.00            |

# COFFIN RENNER LLP

P. O. Box 13366  
Austin, TX 78711  
512-879-0900  
Federal I.D. No. 27-0934461

Monica Karuturi  
CenterPoint Energy Houston Electric LLC  
P.O. Box 1332  
Houston, TX 77251-1332

Statement Date: July 21, 2020  
Statement No. 7742  
Client No. 201.142  
Page: 1

RE: 2020 EEPR & EECRF Filing

## Fees

|            |          |      |  |  | Rate   | Hours |        |
|------------|----------|------|--|--|--------|-------|--------|
| 06/01/2020 | MAS L210 | A104 | Review/Analyze final filing package  |  | 485.00 | 1.20  | 582.00 |
|            | ERA L210 | A108 | Communicate w/other external PUC Staff re EECRF filing                                       |  | 200.00 | 0.40  | 80.00  |
| 06/03/2020 | MAS L210 | A104 | Review/Analyze filing issues re rule suspension  |  | 485.00 | 1.70  | 824.50 |
| 06/04/2020 | MAS L210 | A104 | Review/Analyze filing and service issues re application                                      |  | 485.00 | 1.30  | 630.50 |
|            | CGA L250 | A103 | Draft/Revise procedural schedule   |  | 280.00 | 1.80  | 504.00 |
| 06/05/2020 | MAS L250 | A104 | Review/Analyze procedural schedule issues  |  | 485.00 | 0.30  | 145.50 |
|            | CGA L210 | A103 | Draft/Revise proposed list of issues   |  | 280.00 | 2.10  | 588.00 |
| 06/08/2020 | MAS L210 | A104 | Review/Analyze affidavit and notice issues   |  | 485.00 | 0.80  | 388.00 |
|            | CGA L250 | A103 | Draft/Revise procedural schedule   |  | 280.00 | 0.50  | 140.00 |
| 06/10/2020 | CGA L210 | A103 | Draft/Revise proposed list of issues   |  | 280.00 | 0.50  | 140.00 |
| 06/11/2020 | MLE L250 | A104 | Review/Analyze SOAH Order No. 1  |  | 175.00 | 0.30  | 52.50  |
|            | MAS L250 | A104 | Review/Analyze procedural issues   |  | 485.00 | 0.60  | 291.00 |
|            | MAS L310 | A104 | Review/Analyze potential discovery   |  | 485.00 | 0.60  | 291.00 |
| 06/12/2020 | MAS L120 | A104 | Review/Analyze parties' list of issues   |  | 485.00 | 0.60  | 291.00 |
|            | CGA L250 | A103 | Draft/Revise procedural schedule based on potential conflicts                                |  | 280.00 | 0.50  | 140.00 |
| 06/15/2020 | MAS L250 | A104 | Review/Analyze procedural schedule issues  |  | 485.00 | 1.30  | 630.50 |
|            | MAS L250 | A108 | Communicate w/other external parties re procedural schedule issues                           |  | 485.00 | 0.20  | 97.00  |
| 06/16/2020 | MAS L250 | A108 | Communicate w/other external parties re procedural schedule                                  |  | 485.00 | 0.30  | 145.50 |
| 06/18/2020 | MAS L310 | A106 | Communicate with client S. Richardson, et al. re draft responses to Staff and GCCC discovery |  | 485.00 | 0.70  | 339.50 |
|            | MAS L310 | A104 | Review/Analyze Staff and TIEC discovery  |  | 485.00 | 0.80  | 388.00 |

CenterPoint Energy Houston Electric LL  
Account No. 201.142  
RE: 2020 EEPR & EECRF Filing

Statement Date: 07/21/2020  
Statement No. 7742  
Page No. 2

|            |     |      |      |  | Rate   | Hours |           |
|------------|-----|------|------|--|--------|-------|-----------|
|            | ERA | L310 | A106 | Communicate with client J. Johnson-Clark re Staff 2nd RFI                    | 200.00 | 0.30  | 60.00     |
|            | MLE | L310 | A104 | Review/Analyze Staff's 2nd RFI   | 175.00 | 0.20  | 35.00     |
| 06/19/2020 | MAS | L310 | A104 | Review/Analyze responses for GCCC and Staff discovery                        | 485.00 | 0.60  | 291.00    |
|            | ERA | L250 | A108 | Communicate w/other external SOAH re joint procedural schedule               | 200.00 | 0.20  | 40.00     |
| 06/22/2020 | MAS | L250 | A104 | Review/Analyze preliminary order draft                                       | 485.00 | 0.40  | 194.00    |
|            | MAS | L310 | A108 | Communicate w/other external COH re discovery                                | 485.00 | 0.30  | 145.50    |
| 06/24/2020 | MAS | L310 | A104 | Review/Analyze Staff discovery responses                                     | 485.00 | 0.40  | 194.00    |
| 06/25/2020 | MAS | L160 | A106 | Communicate with S. Chang, et. al re settlement conference                   | 485.00 | 0.50  | 242.50    |
|            | ERA | L310 | A103 | Draft/Revise statement of confidentiality for response to Staff 1st RFI      | 200.00 | 0.50  | 100.00    |
|            | MLE | L310 | A104 | Review/Analyze SOAH Order No. 2  | 175.00 | 0.40  | 70.00     |
| 06/26/2020 | MAS | L210 | A104 | Review/Analyze Staff comments on sufficiency of application and notice       | 485.00 | 0.80  | 388.00    |
|            | MAS | L210 | A108 | Communicate w/other external Staff re comments on application and notice     | 485.00 | 0.40  | 194.00    |
| 06/29/2020 | MAS | L310 | A106 | Communicate with client A. Lewis, et al. re COH discovery                    | 485.00 | 0.80  | 388.00    |
|            | MAS | L310 | A104 | Review/Analyze issues re COH discovery                                       | 485.00 | 1.10  | 533.50    |
|            | CGA | L310 | A104 | Review/Analyze confidential discovery response                               | 280.00 | 0.40  | 112.00    |
|            | CGA | L310 | A103 | Draft/Revise statement of confidentiality re confidential discovery response | 280.00 | 0.40  | 112.00    |
| 06/30/2020 | MAS | L160 | A101 | Plan and prepare for settlement conference                                   | 485.00 | 1.20  | 582.00    |
|            | MAS | L160 | A109 | Appear for/attend settlement conference                                      | 485.00 | 0.70  | 339.50    |
|            | MAS | L160 | A106 | Communicate with client A. Lewis, et al. re settlement conference            | 485.00 | 1.00  | 485.00    |
|            | MAS | L160 | A104 | Review/Analyze GCCC settlement issues and position                           | 485.00 | 1.10  | 533.50    |
|            | MAS | L210 | A104 | Review/Analyze issues re errata  | 485.00 | 1.00  | 485.00    |
|            | ERA | L210 | A104 | Review/Analyze documents for first errata                                    | 200.00 | 0.40  | 80.00     |
|            |     |      |      | For Current Services Rendered  |        | 29.60 | 12,293.00 |

Recapitulation

| Timekeeper       | Hours | Rate     | Total       |
|------------------|-------|----------|-------------|
| Mark Santos      | 20.70 | \$485.00 | \$10,039.50 |
| Emma Azarani     | 1.80  | 200.00   | 360.00      |
| Glenn Adkins     | 6.20  | 280.00   | 1,736.00    |
| Melissa Ethridge | 0.90  | 175.00   | 157.50      |

CenterPoint Energy Houston Electric LL  
Account No. 201.142  
RE: 2020 EEPR & EECRF Filing

Statement Date: 07/21/2020  
Statement No. 7742  
Page No. 3

Expenses

|            |      |      |  |                    |
|------------|------|------|--|--------------------|
| 06/08/2020 | L100 | E102 | Outside printing - Rainmaker - EECRF application | 298.77             |
| 06/30/2020 | L100 | E101 | Photocopies (205 copies at 10 cents per copy)    | 20.50              |
|            |      |      | Total Expenses                                   | 319.27             |
|            |      |      | Total Current Work                               | 12,612.27          |
|            |      |      | Balance Due                                      | <u>\$12,612.27</u> |

Task Code Summary

|      |                                       |  | <u>Fees</u>     | <u>Expenses</u> |
|------|---------------------------------------|--|-----------------|-----------------|
| L100 |                                       |  | 0.00            | 319.27          |
| L120 | Analysis/Strategy                     |  | 291.00          | 0.00            |
| L160 | Settlement/Non-Binding ADR            |  | 2182.50         | 0.00            |
| L100 |                                       |  | <u>2,473.50</u> | <u>319.27</u>   |
| L210 | Pleadings                             |  | 4380.00         | 0.00            |
| L250 | Other Written Motions and Submissions |  | <u>2380.00</u>  | <u>0.00</u>     |
| L200 | Pre-Trial Pleadings and Motions       |  | 6,760.00        | 0.00            |
| L310 | Written Discovery                     |  | 3059.50         | 0.00            |
| L300 | Discovery                             |  | <u>3,059.50</u> | <u>0.00</u>     |



**PLEASE PAY FROM THIS INVOICE**

**Remit Payment to:**  
**515 Congress Avenue**  
**Suite F**  
**Austin, Texas 78701**

# Invoice

Date      Invoice #  
6/8/2020      50913

|  |
|--|
| <b>Bill To</b>   |
| Coffin Renner<br>Attn: Accounts Payable<br>1011 W. 31st Street<br>Austin, TX 78705 |

|  |
|--|
| <b>Ship To</b>   |
| Coffin Renner<br>1011 W. 31st Street<br>Austin, TX 78705 |

|   |                  |                       |     |                   |               |          |
|---|------------------|-----------------------|-----|-------------------|---------------|----------|
| Ordered By  | Reference Number | Terms                 | Rep | Project Number    | Delivery Date |          |
| Shelley Morgan  | 201.142          | Due on receipt        | AG  | 06200018          | 6/8/2020      |          |
| Description of Services Provided  |                  |                       |     | Qty               | Rate          | Amount   |
| Digital Black and White Prints - X12, two sided, 3-hole punched and placed in acco pressboards<br>DEPO/ACCO Binding |                  |                       |     | 2,460             | 0.10          | 246.00T  |
|   |                  |                       |     | 12                | 2.50          | 30.00T   |
| Customer Signature  |                  |                       |     | Subtotal          |               | \$276.00 |
|   |                  |                       |     | Sales Tax (8.25%) |               | \$22.77  |
|   |                  |                       |     | Total             |               | \$298.77 |
| Thank you for choosing<br>Rainmaker Document Technologies!!   |                  |                       |     | Payments/Credits  |               | \$0.00   |
| Phone Number  | Fax Number       | Federal Tax ID Number |     | Balance Due       |               | \$298.77 |
| 512.472.9911  | 512.472.6161     | 43-2033387            |     |                   |               |          |



| Password | Copy + Print_Total_Tc | Copy + Print_La | Copy + Print_Cop | Copy + Print_L | Copy + Print_Cop | Copy + Pri | Copy + Print_Tc | Copy + Print_Large size_Two-color |
|----------|-----------------------|-----------------|------------------|----------------|------------------|------------|-----------------|-----------------------------------|
| 201001   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201002   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201003   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201012   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201030   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201116   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201117   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201118   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201119   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201120   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201123   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201124   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201125   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201126   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201127   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201128   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201129   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201130   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201131   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201132   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201133   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201134   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201135   | 107                   | 0               | 6                | 0              | 0                | 0          | 0               | 0                                 |
| 201136   | 852                   | 0               | 852              | 0              | 0                | 0          | 0               | 0                                 |
| 201137   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201138   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201139   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201140   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201141   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 201142   | 205                   | 0               | 26               | 0              | 0                | 0          | 0               | 0                                 |
| 201143   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300000   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300001   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300006   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300008   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300026   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300028   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300029   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300030   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300031   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300032   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300033   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300034   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300035   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300036   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300037   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 300038   | 528                   | 0               | 528              | 0              | 0                | 0          | 0               | 0                                 |
| 400000   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 500000   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 500097   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 500098   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 500099   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 500100   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 500101   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 500102   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 500103   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 600000   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 602001   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 602010   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 602011   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 602012   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 602013   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 602014   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 603000   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 604000   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 604001   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |
| 605000   | 0                     | 0               | 0                | 0              | 0                | 0          | 0               | 0                                 |

# COFFIN RENNER LLP

P. O. Box 13366  
Austin, TX 78711  
512-879-0900  
Federal I.D. No. 27-0934461

Monica Karuturi  
CenterPoint Energy Houston Electric LLC  
P.O. Box 1332  
Houston, TX 77251-1332

Statement Date: August 24, 2020  
Statement No. 7770  
Client No. 201.142  
Page: 1

RE: 2020 EEPR & EECRF Filing

## Fees

|            |     |      |      |   | Rate   | Hours |          |
|------------|-----|------|------|---|--------|-------|----------|
| 07/01/2020 | MAS | L160 | A108 | Communicate w/other external P. Dinnin and GCCC re settlement                           | 485.00 | 1.20  | 582.00   |
| 07/02/2020 | MAS | L310 | A106 | Communicate with client A. Lewis, et al. re discovery                                   | 485.00 | 0.50  | 242.50   |
|            | MAS | L310 | A104 | Review/Analyze discovery response issues  | 485.00 | 1.60  | 776.00   |
|            | MAS | L160 | A103 | Draft/Revise settlement agreement   | 485.00 | 1.10  | 533.50   |
|            | MLE | L310 | A104 | Review/Analyze and finalize confidential materials for CEHE's response to COH's 1st RFI | 175.00 | 0.80  | 140.00   |
| 07/06/2020 | MAS | L310 | A106 | Communicate with client S. Richardson re discovery                                      | 485.00 | 0.20  | 97.00    |
|            | MAS | L250 | A104 | Review/Analyze SOAH Order No. 3 procedural schedule issues                              | 485.00 | 0.50  | 242.50   |
|            | MAS | L160 | A106 | Communicate with client S. Chang re settlement  | 485.00 | 0.30  | 145.50   |
| 07/08/2020 | MAS | L210 | A104 | Review/Analyze issues re errata   | 485.00 | 0.70  | 339.50   |
|            | MAS | L250 | A103 | Draft/Revise letter to ALJ re compliance tariff   | 485.00 | 0.40  | 194.00   |
|            | MAS | L160 | A108 | Communicate w/other external P. Dinnin re settlement                                    | 485.00 | 0.40  | 194.00   |
|            | ERA | L210 | A104 | Review/Analyze errata filing  | 200.00 | 0.60  | 120.00   |
| 07/09/2020 | MAS | L210 | A104 | Review/Analyze errata filing  | 485.00 | 1.60  | 776.00   |
|            | MAS | L160 | A104 | Review/Analyze invoices for production to Staff   | 485.00 | 0.80  | 388.00   |
|            | MAS | L160 | A101 | Plan and prepare for settlement conference  | 485.00 | 0.50  | 242.50   |
|            | MAS | L160 | A108 | Communicate w/other external parties re settlement                                      | 485.00 | 0.40  | 194.00   |
|            | MAS | L160 | A106 | Communicate with client D. Hardcastle, et al. re settlement                             | 485.00 | 0.40  | 194.00   |
|            | MAS | L160 | A104 | Review/Analyze Staff position on bonus  | 485.00 | 0.70  | 339.50   |
|            | CGA | L210 | A104 | Review/Analyze errata materials to prepare statement of confidentiality                 | 280.00 | 0.90  | 252.00   |
|            | ERA | L210 | A104 | Review/Analyze final errata filing  | 200.00 | 0.40  | 80.00    |
| 07/10/2020 | CGA | L160 | A103 | Draft/Revise proposed order based on current settlement terms                           | 280.00 | 3.70  | 1,036.00 |
| 07/13/2020 | MAS | L160 | A104 | Review/Analyze issues re settlement   | 485.00 | 0.80  | 388.00   |

CenterPoint Energy Houston Electric LL  
Account No. 201.142  
RE: 2020 EEPR & EECRF Filing

Statement Date: 08/24/2020  
Statement No. 7770  
Page No. 2

|            |     |      |      |   | Rate   | Hours |           |
|------------|-----|------|------|---|--------|-------|-----------|
| 07/14/2020 | MAS | L160 | A106 | Communicate with client S. Chang re Staff settlement proposal                     | 485.00 | 0.30  | 145.50    |
|            | MAS | L160 | A104 | Review/Analyze Staff settlement proposal  | 485.00 | 1.60  | 776.00    |
|            | MAS | L160 | A108 | Communicate w/other external Staff re settlement                                  | 485.00 | 0.30  | 145.50    |
|            | MAS | L160 | A106 | Communicate with client S. Chang re settlement                                    | 485.00 | 0.20  | 97.00     |
|            | MAS | L160 | A108 | Communicate w/other external GCCC re settlement                                   | 485.00 | 0.20  | 97.00     |
|            | CGA | L160 | A103 | Draft/Revise proposed order   | 280.00 | 5.10  | 1,428.00  |
| 07/15/2020 | MAS | L160 | A104 | Review/Analyze Staff settlement position  | 485.00 | 0.90  | 436.50    |
|            | MAS | L160 | A103 | Draft/Revise settlement agreement   | 485.00 | 0.50  | 242.50    |
|            | MAS | L160 | A106 | Communicate with client S. Chang, et al. re settlement counter offer              | 485.00 | 0.30  | 145.50    |
|            | MAS | L160 | A108 | Communicate w/other external parties re settlement                                | 485.00 | 0.20  | 97.00     |
| 07/16/2020 | MAS | L160 | A108 | Communicate w/other external parties re settlement                                | 485.00 | 0.60  | 291.00    |
| 07/17/2020 | MAS | L250 | A103 | Draft/Revise abatement letter   | 485.00 | 0.20  | 97.00     |
|            | MAS | L250 | A108 | Communicate w/other external parties re abatement                                 | 485.00 | 0.30  | 145.50    |
|            | MAS | L160 | A104 | Review/Analyze Staff suggestion for settlement agreement                          | 485.00 | 0.40  | 194.00    |
| 07/22/2020 | MAS | L160 | A103 | Draft/Revise proposed order   | 485.00 | 1.60  | 776.00    |
| 07/23/2020 | MAS | L160 | A104 | Review/Analyze issues re proposed order   | 485.00 | 0.70  | 339.50    |
| 07/24/2020 | MAS | L160 | A104 | Review/Analyze proposed order   | 485.00 | 0.40  | 194.00    |
|            | MAS | L160 | A106 | Communicate with client A. Lewis, et al. re proposed order draft                  | 485.00 | 0.50  | 242.50    |
|            | MAS | L160 | A108 | Communicate w/other external parties re settlement                                | 485.00 | 0.20  | 97.00     |
| 07/28/2020 | MAS | L160 | A104 | Review/Analyze Staff and Cities proposed changes to settlement and proposed order | 485.00 | 0.70  | 339.50    |
| 07/29/2020 | MAS | L160 | A103 | Draft/Revise proposed order   | 485.00 | 0.30  | 145.50    |
| 07/30/2020 | MAS | L160 | A104 | Review/Analyze intervenor comments and settlement documents                       | 485.00 | 0.70  | 339.50    |
|            | CGA | L460 | A103 | Draft/Revise motion to admit evidence and remand case to PUC                      | 280.00 | 1.60  | 448.00    |
| 07/31/2020 | MAS | L160 | A108 | Communicate w/other external Parties re settlement documents                      | 485.00 | 0.40  | 194.00    |
|            | MAS | L250 | A103 | Draft/Revise motion to abate evidence   | 485.00 | 0.30  | 145.50    |
|            | MAS | L160 | A104 | Review/Analyze intervenor edits to proposed order                                 | 485.00 | 0.30  | 145.50    |
|            |     |      |      | For Current Services Rendered   |        | 37.30 | 15,241.00 |

Recapitulation

| Timekeeper   | Hours | Rate     | Total       |
|--------------|-------|----------|-------------|
| Mark Santos  | 24.20 | \$485.00 | \$11,737.00 |
| Emma Azarani | 1.00  | 200.00   | 200.00      |
| Glenn Adkins | 11.30 | 280.00   | 3,164.00    |

CenterPoint Energy Houston Electric LL  
Account No. 201.142  
RE: 2020 EEPR & EECRF Filing

Statement Date: 08/24/2020  
Statement No. 7770  
Page No. 3

|                   |              |             |              |
|-------------------|--------------|-------------|--------------|
| <u>Timekeeper</u> | <u>Hours</u> | <u>Rate</u> | <u>Total</u> |
| Melissa Ethridge  | 0.80         | 175.00      | 140.00       |

Expenses

|            |      |      |   |                    |
|------------|------|------|---|--------------------|
| 07/31/2020 | L100 | E101 | Photocopies (2393 at 10 cents per copy) | 239.30             |
|            |      |      | Total Expenses                          | 239.30             |
|            |      |      | Total Current Work                      | 15,480.30          |
|            |      |      | Balance Due                             | <u>\$15,480.30</u> |

Task Code Summary

|      |                                       | <u>Fees</u> | <u>Expenses</u> |
|------|---------------------------------------|-------------|-----------------|
| L100 |                                       | 0.00        | 239.30          |
| L160 | Settlement/Non-Binding ADR            | 11145.50    | 0.00            |
| L100 |                                       | 11,145.50   | 239.30          |
| L210 | Pleadings                             | 1567.50     | 0.00            |
| L250 | Other Written Motions and Submissions | 824.50      | 0.00            |
| L200 | Pre-Trial Pleadings and Motions       | 2,392.00    | 0.00            |
| L310 | Written Discovery                     | 1255.50     | 0.00            |
| L300 | Discovery                             | 1,255.50    | 0.00            |
| L460 | Post-Trial Motions and Submissions    | 448.00      | 0.00            |
| L400 | Trial Preparation and Trial           | 448.00      | 0.00            |

| Password | Copy + Print_Total_Total |
|----------|--------------------------|
| 201001   | 0                        |
| 201002   | 0                        |
| 201003   | 0                        |
| 201012   | 0                        |
| 201030   | 0                        |
| 201116   | 0                        |
| 201117   | 0                        |
| 201118   | 0                        |
| 201119   | 0                        |
| 201120   | 0                        |
| 201123   | 0                        |
| 201124   | 0                        |
| 201125   | 0                        |
| 201126   | 0                        |
| 201127   | 0                        |
| 201128   | 0                        |
| 201129   | 0                        |
| 201130   | 0                        |
| 201131   | 0                        |
| 201132   | 0                        |
| 201133   | 0                        |
| 201134   | 0                        |
| 201135   | 0                        |
| 201136   | 1309                     |
| 201137   | 0                        |
| 201138   | 0                        |
| 201139   | 0                        |
| 201140   | 0                        |
| 201141   | 0                        |
| 201142   | 2393                     |
| 201143   | 0                        |
| 300000   | 0                        |
| 300001   | 0                        |
| 300006   | 0                        |
| 300008   | 0                        |
| 300026   | 0                        |
| 300028   | 0                        |
| 300029   | 0                        |
| 300030   | 0                        |
| 300031   | 0                        |
| 300032   | 0                        |
| 300033   | 0                        |
| 300034   | 0                        |
| 300035   | 0                        |
| 300036   | 0                        |
| 300037   | 0                        |

# COFFIN RENNER LLP

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512-879-0900  
Federal I.D. No. 27-0934461

Monica Karuturi  
CenterPoint Energy Houston Electric LLC  
P.O. Box 1332  
Houston, TX 77251-1332

Statement Date. September 23, 2020  
Statement No. 7795  
Client No. 201.142  
Page: 1

RE: 2020 EEPR & EECRF Filing

## Fees

|            |     |      |      |   | Rate   | Hours |          |
|------------|-----|------|------|---|--------|-------|----------|
| 08/04/2020 | MAS | L160 | A106 | Communicate with client D. Hardcastle and S. Chang re settlement status | 485.00 | 0.60  | 291.00   |
| 08/05/2020 | MAS | L160 | A108 | Communicate w/other external Staff re settlement testimony status       | 485.00 | 0.20  | 97.00    |
| 08/07/2020 | MAS | L160 | A108 | Communicate w/other external Staff re settlement status                 | 485.00 | 0.20  | 97.00    |
|            | MAS | L210 | A103 | Draft/Revise letter re extension of abatement                           | 485.00 | 0.30  | 145.50   |
| 08/13/2020 | MAS | L160 | A104 | Review/Analyze final review of settlement package                       | 485.00 | 0.60  | 291.00   |
|            | MAS | L160 | A104 | Review/Analyze Staff testimony issue re support of settlement           | 485.00 | 0.50  | 242.50   |
|            |     |      |      | For Current Services Rendered   |        | 2.40  | 1,164.00 |

## Recapitulation

| <u>Timekeeper</u> | <u>Hours</u> | <u>Rate</u> | <u>Total</u> |
|-------------------|--------------|-------------|--------------|
| Mark Santos       | 2.40         | \$485.00    | \$1,164.00   |

Total Current Work 1,164.00

Balance Due \$1,164.00

## Task Code Summary

|      |                                 | <u>Fees</u> | <u>Expenses</u> |
|------|---------------------------------|-------------|-----------------|
| L160 | Settlement/Non-Binding ADR      | 1018.50     | 0.00            |
| L100 |                                 | 1,018.50    | 0.00            |
| L210 | Pleadings                       | 145.50      | 0.00            |
| L200 | Pre-Trial Pleadings and Motions | 145.50      | 0.00            |

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Monica Karuturi  
CenterPoint Energy Houston Electric LLC  
P.O. Box 1332  
Houston, TX 77251-1332

Statement Date: October 20, 2020  
Statement No. 7819  
Client No. 201.142  
Page: 1

RE: 2020 EEPR & EECRF Filing

## Fees

|            |     |      |      |   | Rate   | Hours |          |
|------------|-----|------|------|---|--------|-------|----------|
| 09/22/2020 | MAS | L120 | A104 | Review/Analyze REP notice issue per CADM question                           | 485.00 | 1.10  | 533.50   |
| 09/23/2020 | MAS | L430 | A104 | Review/Analyze draft proposed order issues                                  | 485.00 | 1.30  | 630.50   |
| 09/24/2020 | MAS | L120 | A104 | Review/Analyze computation administrative question from CADM                | 485.00 | 0.80  | 388.00   |
| 09/28/2020 | MAS | L430 | A104 | Review/Analyze potential corrections to proposed order                      | 485.00 | 0.80  | 388.00   |
| 09/29/2020 | MAS | L430 | A108 | Communicate w/other external ARM re potential corrections to proposed order | 485.00 | 0.30  | 145.50   |
| 09/30/2020 | MAS | L430 | A104 | Review/Analyze proposed order potential corrections                         | 485.00 | 0.50  | 242.50   |
|            | MAS | L430 | A106 | Communicate with client S. Chang, et al. re proposed order                  | 485.00 | 0.40  | 194.00   |
|            |     |      |      | For Current Services Rendered   |        | 5.20  | 2,522.00 |

## Recapitulation

| <u>Timekeeper</u> | <u>Hours</u> | <u>Rate</u> | <u>Total</u> |
|-------------------|--------------|-------------|--------------|
| Mark Santos       | 5.20         | \$485.00    | \$2,522.00   |

Total Current Work 2,522.00

Balance Due \$2,522.00

## Task Code Summary

|      |                   | <u>Fees</u> | <u>Expenses</u> |
|------|-------------------|-------------|-----------------|
| L120 | Analysis/Strategy | 921.50      | 0.00            |
| L100 |                   | 921.50      | 0.00            |

CenterPoint Energy Houston Electric LL  
Account No. 201.142  
RE: 2020 EEPR & EECRF Filing

Statement Date: 10/20/2020  
Statement No. 7819  
Page No 2

|      |                                 | <u>Fees</u> | <u>Expenses</u> |
|------|---------------------------------|-------------|-----------------|
| L430 | Written Motions and Submissions | 1600.50     | 0.00            |
| L400 | Trial Preparation and Trial     | 1,600.50    | 0.00            |



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Austin, TX 78711  
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Federal I.D. No 27-0934461

Monica Karuturi  
CenterPoint Energy Houston Electric LLC  
P.O. Box 1332  
Houston, TX 77251-1332

Statement Date: November 6, 2020  
Statement No. 7839  
Client No. 201.142  
Page: 1

RE: 2020 EEPR & EECRF Filing

## Fees

|            |     |      |      |  | Rate   | Hours |        |
|------------|-----|------|------|--|--------|-------|--------|
| 10/01/2020 | MAS | L430 | A106 | Communicate with client S. Chang and D. Hardcastle, et al. re proposed order | 485.00 | 0.20  | 97.00  |
|            | MAS | L430 | A104 | Review/Analyze proposed order calculation issues                             | 485.00 | 0.60  | 291.00 |
| 10/06/2020 | MAS | L430 | A106 | Communicate with client P. Peters and S. Bezecky re proposed order language  | 485.00 | 0.30  | 145.50 |
| 10/08/2020 | MAS | L460 | A104 | Review/Analyze Cities exceptions and Commission memo                         | 485.00 | 0.20  | 97.00  |
| 10/16/2020 | MAS | L230 | A109 | Appear for/attend Open Meeting for discussion on EECRF                       | 485.00 | 0.30  | 145.50 |
|            |     |      |      | For Current Services Rendered  |        | 1.60  | 776.00 |

## Recapitulation

| <u>Timekeeper</u> | <u>Hours</u> | <u>Rate</u> | <u>Total</u> |
|-------------------|--------------|-------------|--------------|
| Mark Santos       | 1.60         | \$485.00    | \$776.00     |

Total Current Work 776.00

Balance Due \$776.00

## Task Code Summary

|      |                                    | <u>Fees</u> | <u>Expenses</u> |
|------|------------------------------------|-------------|-----------------|
| L230 | Court Mandated Conferences         | 145.50      | 0.00            |
| L200 | Pre-Trial Pleadings and Motions    | 145.50      | 0.00            |
| L430 | Written Motions and Submissions    | 533.50      | 0.00            |
| L460 | Post-Trial Motions and Submissions | 97.00       | 0.00            |
| L400 | Trial Preparation and Trial        | 630.50      | 0.00            |

**SOAH DOCKET NO. 473-20-3918  
PUC DOCKET NO. 50908**

|  |          |                                |
|--|----------|--------------------------------|
| <b>APPLICATION OF CENTERPOINT</b>      | <b>§</b> | <b>BEFORE THE STATE OFFICE</b> |
| <b>ENERGY HOUSTON ELECTRIC, LLC</b>    | <b>§</b> |                                |
| <b>TO ADJUST ITS ENERGY EFFICIENCY</b> | <b>§</b> | <b>OF</b>                      |
| <b>COST RECOVERY FACTOR</b>            | <b>§</b> |                                |
|  | <b>§</b> | <b>ADMINISTRATIVE HEARINGS</b> |

**AFFIDAVIT OF JAMIE L. MAULDIN RELATED TO THE  
GULF COAST COALITION OF CITIES  
RATE CASE EXPENSES IN PUC DOCKET NO. 50908**

**STATE OF TEXAS**       §  
                                  §  
**COUNTY OF TRAVIS**   §

BEFORE ME, the undersigned authority, on this day personally appeared Jamie L. Mauldin who being by me first duly sworn, on oath deposed and said the following:

1. My name is Jamie L. Mauldin. I am a principal with the law firm of Lloyd Gosselink Rochelle and Townsend, P.C. (Lloyd Gosselink) and counsel for the Gulf Coast Coalition of Cities (GCCC) in Docket No. 50908. I have been practicing public utility law since 2011 and have represented municipalities in numerous rate cases and various proceedings before the Public Utility Commission of Texas (Commission) and the Railroad Commission of Texas.

2. I am familiar with the work performed by Lloyd Gosselink and the technical consultant on behalf of GCCC in connection with Docket No. 50908 concerning the *Application of CenterPoint Energy Houston Electric, LLC's to Adjust its Energy Efficiency Cost Recovery Factor*. I am over the age of 18 years and am not disqualified from making this affidavit. My statements are true and correct.

3. I have reviewed the billings of Lloyd Gosselink submitted to GCCC for legal services performed in Docket No. 50908. I affirm that those billings accurately reflect the time spent and expenditures incurred by Lloyd Gosselink on GCCC's behalf. Those billings were accurately calculated before they were tendered, and there was no double billing. None of the charges billed to GCCC have been recovered through reimbursement for other expenses. The expenses charged were associated with the review of CenterPoint Energy Houston Electric, LLC's (CEHE or Company) proposed Energy Efficiency Cost Recover Factor (EECRF) in Docket No. 50908 and were necessary to advise GCCC and accomplish tasks in that proceeding. Total rate

case expenses (inclusive of legal fees, consultant charges, and other expenses) for Docket No. 50908 are summarized in the chart attached to this Affidavit as **Exhibit A** and are as follows:

4. For the period June 2020 through October 2020, Lloyd Gosselink requests approval of \$10,881.90 for legal services in Docket No. 50908. This figure includes legal fees and expenses. The fees and expenses incurred through October 2020 were necessary to advise GCCC on rates, review the application, identify issues, retain and work with consultants, engage in discovery, and participate in settlement negotiations.

5. The attorneys' hourly rates of \$265-\$375, upon which the billings are based, are the same hourly rates charged other clients for comparable services during the same time frame. Our firm's rates are at the lower end of the range compared to the rates charged by other lawyers with similar experience providing similar services. The hours spent to perform the tasks assigned to Lloyd Gosselink were necessary to complete those tasks in a professional manner on a timely basis. Our experience in participating in utility rate cases at the Commission aids in our efforts to keep rate case expenses reasonable. Additionally, Lloyd Gosselink minimized rate case expenses by using associates and paralegals where possible to take advantage of lower billing rates.

6. The invoices submitted by Lloyd Gosselink include a description of services performed and time expended on each activity. The invoices for Docket No. 50908 are attached to this filing as **Exhibit B** and have been submitted to the Commission Staff and the Company, and are available for review by other parties. Lloyd Gosselink has documented all charges with time sheets, invoices, and records. The documentation in this case is similar to that provided in many previous rate cases at the Commission.

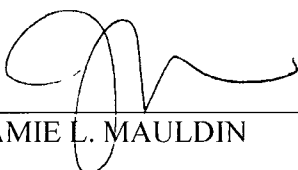
7. Invoices from Lloyd Gosselink also include fees and expenses incurred charges from ReSolved Energy Consulting, LLC for work performed by Karl Nalepa in the amount of \$4,563. Mr. Nalepa has testified before the Commission on many prior occasions. The hourly rate for Mr. Nalepa in Docket No. 50908 is \$270. This is the same or similar hourly rate charged other clients for comparable services during the same time period. Mr. Nalepa reviewed the Company's filings in Docket No. 50908, prepared discovery questions, prepared direct testimony, and provided technical support.

8. Neither Lloyd Gosselink nor any consultants for GCCC have charged for luxury items, including first-class airfare, limousine service, entertainment, or alcoholic beverages. No

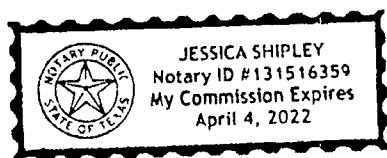
meals were charged in excess of \$25 per person, and no individual billed for more than 12 hours per day.

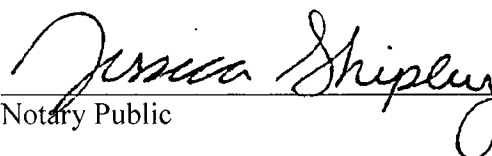
9. The issues addressed by GCCC each have a reasonable basis in law, policy, or fact. GCCC's attorneys reviewed the relevant law and Commission rule provisions to ensure that the issues raised by GCCC's case were reasonably grounded and relevant to this matter.

10. The total amount requested for rate case expenses through October 2020 in the amount of \$15,444.90 for Docket No. 50908 is reasonable given the complexity of the case and the nature of GCCC's analysis in this matter.

  
\_\_\_\_\_  
JAMIE L. MAULDIN

SUBSCRIBED AND SWORN TO BEFORE ME, the undersigned authority, on this 12<sup>th</sup> day of May, 2021.



  
\_\_\_\_\_  
Notary Public

2021 CenterPoint EECRF  
Docket No. 50908

|   | <i>Invoice Date</i> | <i>Invoice No.</i> | <i>Billing Period</i> | <i>Through Period</i> | <i>Invoice Amount</i> | <i>Total Billed to Date</i> |              |
|---|---------------------|--------------------|-----------------------|-----------------------|-----------------------|-----------------------------|--------------|
| <b>Lloyd Gosselink</b>                          |                     |                    |                       |                       |                       |                             |              |
|   | 7/10/2020           | 97512330R          | 6/1/2020              | 6/30/2020             | \$ 3,895.00           | \$ 3,895.00                 |              |
|   | 8/13/2020           | 97513760           | 7/1/2020              | 7/31/2020             | \$ 5,885.60           | \$ 9,780.60                 |              |
|   | 9/9/2020            | 97514643           | 8/1/2020              | 8/31/2020             | \$ -                  | \$ 9,780.60                 |              |
|   | 10/19/2020          | 97515306           | 9/1/2020              | 9/30/2020             | \$ 79.50              | \$ 9,860.10                 |              |
|   | 11/6/2020           | 97516341R          | 10/1/2020             | 10/31/2020            | \$ 1,021.80           | \$ 10,881.90                |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             | \$ 10,881.90 |
| <b>Resolved Energy Consulting, LLC (Nalepa)</b> |                     |                    |                       |                       |                       |                             |              |
|   | 7/2/2020            | 4625               | 6/1/2020              | 6/30/2020             | \$ 3,240.00           | \$ 3,240.00                 |              |
|   | 8/4/2020            | 4640               | 7/1/2020              | 7/31/2020             | \$ 1,323.00           | \$ 4,563.00                 |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             | \$ 4,563.00  |
| <b>Lloyd Gosselink + Consultants</b>            |                     |                    |                       |                       |                       |                             |              |
|   | 7/10/2020           | 97512330           | 6/1/2020              | 6/30/2020             | \$ 7,135.00           | \$ 7,135.00                 |              |
|   | 8/13/2020           | 97513760           | 7/1/2020              | 7/31/2020             | \$ 7,208.60           | \$ 14,343.60                |              |
|   | 9/9/2020            | 97514643           | 8/1/2020              | 8/31/2020             | \$ -                  | \$ 14,343.60                |              |
|   | 10/19/2020          | 97515306           | 9/1/2020              | 9/30/2020             | \$ 79.50              | \$ 14,423.10                |              |
|   | 11/6/2020           | 97516341           | 10/1/2020             | 10/31/2020            | \$ 1,021.80           | \$ 15,444.90                |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             |              |
|   |                     |                    |                       |                       |                       |                             | \$ 15,444.90 |
| <b>Total</b>                                    |                     |                    |                       |                       |                       |                             | \$ 15,444.90 |



Exhibit B  
816 Congress Avenue, Suite 1900  
Austin, Texas 78701  
Telephone: (512) 322-5800  
Facsimile: (512) 472-0532  
[www.lglawfirm.com](http://www.lglawfirm.com)

July 10, 2020

Gulf Coast Coalition of Cities  
Attn Bobby Gervais  
P O Box 187  
Manvel, TX USA 77578

Invoice: 97512330R  
Client: 1720  
Matter: 41  
Billing Attorney: TLB

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### INVOICE SUMMARY

For professional services and disbursements rendered through June 30, 2020:

**RE: CenterPoint 2021 EECRF Filing**

|                           |                    |
|---------------------------|--------------------|
| Professional Services     | \$ 3,895.00        |
| Total Disbursements       | <u>\$ .00</u>      |
| <b>TOTAL THIS INVOICE</b> | <b>\$ 3,895.00</b> |

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Lloyd Gosselink Rochelle & Townsend, P.C.

Exhibit B

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Gulf Coast Coalition of Cities  
CenterPoint 2021 EECRF Filing  
I.D.1720-41-TLB

July 10, 2020  
Invoice: 97512330R

**PROFESSIONAL SERVICES RENDERED**

| <b>Date</b> | <b>Atty</b> | <b>Description Of Services Rendered</b>   | <b>Hours</b> |
|-------------|-------------|---|--------------|
| 6/01/20     | TLB         | Review filing; discuss filing with clients; coordinate consultants and attorney assignments (Administration).   | .50          |
| 6/02/20     | WPD         | Draft engagement agreement; edit and finalize engagement agreement; draft motion to intervene (Administration).   | .60          |
| 6/02/20     | HEC         | Proofread engagement letter with ReSolved Energy.   | .10          |
| 6/03/20     | TLB         | Review and finalize Motion to Intervene (Administration).   | .20          |
| 6/03/20     | WPD         | Edit engagement agreement (Administration) (NO CHARGE .20)  | .00          |
| 6/04/20     | TLB         | Prepare and distribute consultant agreements; review filing and precedent; discuss case with K. Nalepa; prepare client communication regarding filing; prepare engagement agreement (Administration) (NO CHARGE .20).   | 2.00         |
| 6/04/20     | WPD         | Send CenterPoint filing to T. Brocato; update engagement agreement; update motion to intervene; edit engagement agreement and motion to intervene; prepare documents for filing; review and analyze proposed procedural schedule; discuss with T. Brocato; call K. Nalepa regarding procedural schedule (Administration) (NO CHARGE .20). | .80          |
| 6/05/20     | WPD         | Review and analyze PUC EECRF rules (Administration).  | .20          |
| 6/05/20     | HEC         | Review Order of Referral; case management; calendar deadline.   | .10          |
| 6/08/20     | TLB         | Review filing and precedent.  | .50          |
| 6/10/20     | WPD         | Prepare protective order certification cover letter and certifications; edit list of issues and send to K. Nalepa (Administration).   | .50          |
| 6/10/20     | HEC         | Discuss protective order certification filing with project team.  | .10          |
| 6/11/20     | TLB         | Review filing (Administration).   | .50          |
| 6/11/20     | WPD         | Review and analyze EECRF application; draft summary of company's request (Administration).  | .80          |
| 6/11/20     | HEC         | Review SOAH Order No. 1; case management; calendar deadlines.   | .20          |
| 6/12/20     | TLB         | Review List of Issues (Administration).   | .20          |
| 6/12/20     | WPD         | Review and finalize edits to list of issues (Administration).   | .10          |
| 6/15/20     | WPD         | Email M. Santos regarding procedural schedule, call with K. Nalepa about procedural schedule and settlement conference date; email M. Santos about settlement conference and procedural schedule; prepare and finalize protective order certification filings (Administration).   | .50          |
| 6/16/20     | WPD         | Email response to parties regarding Staff's proposed hearing date (Administration).   | .10          |
| 6/17/20     | TLB         | Prepare client engagement letters (Administration).   | .20          |
| 6/17/20     | WPD         | Review and edit first RFI to CenterPoint (Discovery).   | .10          |
| 6/22/20     | WPD         | Review procedural deadlines and emails regarding settlement conference date and time; call with K. Nalepa regarding preparation of settlement position and settlement conference dates (Administration).  | .20          |
| 6/23/20     | WPD         | Call K. Nalepa regarding scheduling settlement conference (Administration).   | .10          |
| 6/24/20     | SJW         | Review SOAH Order No. 2 and calendar procedural schedule deadlines (Admin.).  | .30          |
| 6/25/20     | WPD         | Call with K. Nalepa regarding settlement issues; email CenterPoint regarding  | .30          |

Lloyd Gosselink Rochelle & Townsend, P.C.

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Exhibit B

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Gulf Coast Coalition of Cities  
CenterPoint 2021 EECRF Filing  
I.D.1720-41-TLB

July 10, 2020  
Invoice: 97512330R

| Date    | Atty | Description Of Services Rendered   | Hours |
|---------|------|--|-------|
| 6/29/20 | WPD  | scheduling settlement conference (Administration).<br>Call with T. Brocato to update him on rate case issues and settlement status; call with K. Nalepa regarding issues and adjustments for settlement conference; email CenterPoint regarding confidential documents; confer with J. Mauldin and K. Nalepa regarding settlement terms and counter-offer; draft counter-offer and send to CenterPoint (Administration).   | .70   |
| 6/29/20 | WPD  | Review RFI responses (Discovery).  | .30   |
| 6/30/20 | WPD  | Review CenterPoint RFI responses and K. Nalepa issues for settlement; attend settlement meeting; discussion with K. Nalepa on update to issues and presenting adjustments to the company; call with Staff regarding settlement issues; call with K. Nalepa regarding Staff's position on our settlement issues; call with Y. Chang regarding Houston's position on GCCC's issues; draft summary of GCCC's issues; research rules and Commission rulemakings; call with T. Brocato regarding CenterPoint settlement and steps going forward (Administration). | 3.20  |

**TOTAL PROFESSIONAL SERVICES**

**\$ 4,076.00**

**SUMMARY OF PROFESSIONAL SERVICES**

| Name             | Staff Level | Rate   | Hours        | Amount            | N/C Hr     | N/C             |
|------------------|-------------|--------|--------------|-------------------|------------|-----------------|
| Thomas L Brocato | Principal   | 375.00 | 4.10         | 1,537.50          | .20        | 75.00           |
| W Patrick Dinnin | Associate   | 265.00 | 8.50         | 2,252.50          | .40        | 106.00          |
| Sam J Weaver     | Paralegal   | 125.00 | .30          | 37.50             | .00        | .00             |
| Hanna E Campbell | Paralegal   | 135.00 | .50          | 67.50             | .00        | .00             |
| <b>TOTALS</b>    |             |        | <b>13.40</b> | <b>\$3,895.00</b> | <b>.60</b> | <b>\$181.00</b> |

**TOTAL THIS INVOICE**

**\$ 3,895.00**





**Exhibit B**  
6 Congress Avenue, Suite 1900  
Austin, Texas 78701  
Telephone: (512) 322-5800  
Facsimile: (512) 472-0532  
[www.lglawfirm.com](http://www.lglawfirm.com)

August 13, 2020

Gulf Coast Coalition of Cities  
Attn Bobby Gervais  
P O Box 187  
Manvel, TX USA 77578

Invoice: 97513760  
Client: 1720  
Matter: 41  
Billing Attorney: TLB

---

### INVOICE SUMMARY

For professional services and disbursements rendered through July 31, 2020:

**RE: CenterPoint 2021 EECRF Filing**

|                           |                     |
|---------------------------|---------------------|
| Professional Services     | \$ 5,846.00         |
| Total Disbursements       | <u>\$ 4,602.60</u>  |
| <b>TOTAL THIS INVOICE</b> | <b>\$ 10,448.60</b> |

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Lloyd Gosselink Rochelle & Townsend, P.C.



**E-MAILED**  
8-26-20

Exhibit B

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Gulf Coast Coalition of Cities  
CenterPoint 2021 EECRF Filing  
I.D.1720-41-TLB

August 13, 2020  
Invoice: 97513760

**PROFESSIONAL SERVICES RENDERED**

| Date    | Atty | Description Of Services Rendered  | Hours |
|---------|------|---|-------|
| 7/01/20 | TLB  | Review filings, settlement strategy and options (Administration).   | .40   |
| 7/01/20 | WPD  | Review email from M. Santos, responding to GCCC's settlement proposals; call with K. Nalepa regarding settlement issues and CenterPoint's response; call with J. Mauldin regarding CenterPoint issues; call with T. Brocato regarding response to M. Santos settlement email; draft response to M. Santos email regarding settlement issues; send to T. Brocato for review (Administration).  | 1.50  |
| 7/02/20 | TLB  | Review settlement documents (Administration).   | .30   |
| 7/02/20 | WPD  | Call with M. Santos regarding settlement negotiations; call with K. Nalepa regarding CenterPoint's settlement talks; call with T. Brocato regarding CenterPoint's settlement talks (Administration).  | .90   |
| 7/06/20 | WPD  | Prepare for call with Staff; call with J. Harrison regarding CenterPoint settlement issues; call with K. Nalepa regarding CenterPoint settlement issues; review past settlement and proposed order terms to analyze approach to settlement of Cities' issues in this case (Administration).   | 2.10  |
| 7/07/20 | WPD  | Discuss EECRF settlement issues with T. Brocato (Administration).   | .20   |
| 7/08/20 | TLB  | Prepare and distribute settlement material to client cities (Administration).   | .60   |
| 7/08/20 | WPD  | Prepare for settlement discussion with M. Santos; call with M. Santos; call with K. Nalepa regarding CenterPoint settlement issues; call with PUC Staff regarding CenterPoint settlement issues; call with K. Nalepa regarding CenterPoint settlement issues and Staff's position (Administration).   | 1.00  |
| 7/08/20 | SJW  | Update expense tracking chart and assemble invoices (Administration).   | .10   |
| 7/09/20 | TLB  | Prepare and distribute client settlement update (Administration).   | .30   |
| 7/09/20 | WPD  | Review settlement agreement; call with K. Nalepa regarding settlement issues; call to Y. Chang with City of Houston; continue reviewing settlement agreement; call with K. Nalepa to update him on Staff and Houston positions; call with T. Brocato regarding update on settlement offer by CenterPoint and positions by Staff and Houston; call with CenterPoint, Staff, and intervenors regarding settlement of the EECRF; arrange call between K. Nalepa and B. Abbott with PUC Staff (Administration). | 1.60  |
| 7/10/20 | WPD  | Arrange delivery of confidential information to P. Dinnin and K. Nalepa (Administration).   | .10   |
| 7/13/20 | TLB  | Review CNP settlement offers and options (Administration).  | .60   |
| 7/14/20 | SJW  | Review SOAH Order No. 4 and calendar deadlines (Administration).  | .10   |
| 7/15/20 | WPD  | Review CenterPoint's amended settlement agreement, respond to M. Santos email; call K. Nalepa about changed settlement terms; draft letter to Cities for client approval (Administration).  | 1.50  |
| 7/16/20 | TLB  | Prepare and distribute client communication regarding settlement (Administration).  | .60   |
| 7/16/20 | WPD  | Discussion with T. Brocato regarding client approval and settlement; discuss settlement status and abatement with M. Santos (Administration).   | .40   |

Lloyd Gosselink Rochelle & Townsend, P.C.

Page|2

Exhibit B

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Gulf Coast Coalition of Cities  
CenterPoint 2021 EECRF Filing  
I.D.1720-41-TLB

August 13, 2020  
Invoice: 97513760

| Date    | Atty | Description Of Services Rendered  | Hours |
|---------|------|---|-------|
| 7/17/20 | WPD  | Review motion to abate; send email agreeing to motion (Administration).   | .20   |
| 7/18/20 | TLB  | Communication with client regarding settlement (Administration).  | .30   |
| 7/20/20 | WPD  | Draft and edit rate case expense testimony and affidavit (Rate Case Expenses).  | 1.30  |
| 7/20/20 | WPD  | Review settlement documents (Administration).   | 1.00  |
| 7/20/20 | HEC  | Proofread Direct Testimony of K. Nalepa; proofread affidavit of T. Brocato (Administration/Case Management).  | .80   |
| 7/21/20 | TLB  | Review settlement documents (Administration).   | .70   |
| 7/22/20 | TLB  | Review and edit settlement documents (Administration).  | .80   |
| 7/22/20 | WPD  | Edit stipulation and settlement agreement; prepare K. Nalepa's direct testimony and affidavit of T. Brocato for filing; amend affidavit wording; edit Cities' draft stipulation and settlement agreement; send the same to company and parties (Administration).  | 1.20  |
| 7/28/20 | TLB  | Review settlement documents (Administration).   | .60   |
| 7/28/20 | WPD  | Review and analyze Staff's proposed edits to settlement documents; call with J. Harrison regarding potential errors in Staff's proposed changes to settlement documents; follow-up call with J. Harrison asking Cities to make clarifying changes to Staff's proposed changes; email parties regarding clarifying changes to proposed order (Administration). | .80   |
| 7/30/20 | WPD  | Analyze and edit proposed order (Administration).   | .20   |
| 7/31/20 | WPD  | Review and analyze final settlement documents (Administration).   | .20   |

**TOTAL PROFESSIONAL SERVICES \$ 5,846.00**

**SUMMARY OF PROFESSIONAL SERVICES**

| Name             | Staff Level | Hours        | Rate   | Total              |
|------------------|-------------|--------------|--------|--------------------|
| Thomas L Brocato | Principal   | 5.20         | 375.00 | 1,950.00           |
| W Patrick Dinnin | Associate   | 14.20        | 265.00 | 3,763.00           |
| Sam J Weaver     | Paralegal   | .20          | 125.00 | 25.00              |
| Hanna E Campbell | Paralegal   | .80          | 135.00 | 108.00             |
| <b>TOTALS</b>    |             | <b>20.40</b> |        | <b>\$ 5,846.00</b> |

**DISBURSEMENTS**

| Date                 | Description  | Amount   |
|----------------------|--|----------|
| 6/30/20              | ReSolved Energy Cons Voucher # - 000105441 ReSolved Energy Consulting, LLC, Consultant Services, Professional services for June 2020 regarding CEHE 20 EECRF 50908 project, 07/02/2020 | 3,240.00 |
| 7/10/20<br>7/15/2020 | Corporate Couriers Check # - 000010386 Corporate Couriers, Courier services,   | 39.60    |

Lloyd Gosselink Rochelle & Townsend, P.C.

Page|3

Exhibit B

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Gulf Coast Coalition of Cities  
CenterPoint 2021 EECRF Filing  
I.D.1720-41-TLB

August 13, 2020  
Invoice: 97513760

| <b>Date</b> | <b>Description</b>   | <b>Amount</b> |
|-------------|--|---------------|
| 7/31/20     | ReSolved Energy Cons Voucher # - 000105719 ReSolved Energy Consulting, LLC, Consultant Services, Professional services for July 2020 regarding CEHE 20 EECRF 50908 project, 08/04/2020 | 1,323.00      |

**TOTAL DISBURSEMENTS** **\$ 4,602.60**

**TOTAL THIS INVOICE** **\$ 10,448.60**

Lloyd Gosselink Rochelle & Townsend, P.C.

Page|4

Exhibit B

## ReSolved Energy Consulting, LLC

11044 Research Blvd, A-420  
Austin, TX 78759

## Invoice

| DATE     | INVOICE NUMBER |
|----------|----------------|
| 7/2/2020 | 4625           |

| BILL TO   |
|---|
| Thomas Brocato<br>Lloyd Gosselink<br>816 Congress Ave, # 1900<br>Austin, Tx 78701 |

| PROJECT                             |       |                  |                   |
|-------------------------------------|-------|------------------|-------------------|
| LG CEHE 20 EECRF 50908              |       |                  |                   |
| DESCRIPTION                         | HOURS | RATE             | AMOUNT            |
| Consulting (Nalepa)                 | 12    | 270.00           | 3,240.00          |
| Work Completed thru - June 30, 2020 |       | <b>TOTAL DUE</b> | <b>\$3,240.00</b> |

## Monthly Recap

Karl Nalepa

| Date          | Task   | Hours |
|---------------|--|-------|
| June 10, 2020 | Review filing. (A/CM 0.30)   | 0.30  |
| June 11, 2020 | Review filing. Review and edit issues list. (A/CM 1.20)  | 1.20  |
| June 12, 2020 | Complete edits and send to P. Dinnin for review. (A/CM 1.0)  | 1.00  |
| June 16, 2020 | Work on discovery. (A/CM 1.20)   | 1.20  |
| June 17, 2020 | Complete discovery and send to P. Dinnin for review. Work on analysis. (A/CM 1.0; A&G 0.80)  | 1.80  |
| June 18, 2020 | Work on analysis. (A&G 1.0)  | 1.00  |
| June 22, 2020 | Call with P. Dinnin to discuss case status and schedule. Work on analysis. (A/CM 0.20; A&G 0.50)   | 0.70  |
| June 23, 2020 | Work on analysis. (A&G 0.80)   | 0.80  |
| June 26, 2020 | Review discovery. (A&G 0.30)   | 0.30  |
| June 29, 2020 | Review responses to discovery. Work on adjustments. (A&G 1.70)   | 1.70  |
| June 30, 2020 | Work on adjustments. Send to P. Dinnin for review. Participate on settlement call with parties. Calls with P. Dinnin to discuss. (A&G 0.50; A/CM 1.50) | 2.00  |
|               |  |       |

**12.00**

A/CM = Administration/Case Management

A&G = Administrative & General

Exhibit B

Exhibit SAR-6  
Page 13 of 25

Recap\_June 2020\_ KJN.xls

LG CEHE EECRF 50908

Exhibit B

# INVOICE

CORPORATE COURTERS AND  
LOGISTICS  
2335 KRAMER LAKE, SUITE F  
AUSTIN, TX 78758

|              |         |                |        |
|--------------|---------|----------------|--------|
| Invoice No.  | 60404   | Customer No.   | 1201   |
| Invoice Date | 7/15/20 | Invoice Amount | 546.00 |
|              |         |                |        |
|              |         |                |        |
|              |         |                |        |

LLOYD GOSSELINK ATTORNEYS AT LAW  
816 CONGRESS AVE  
SUITE 1900  
AUSTIN, TX 78701

ON-DEMAND DELIVERIES 24/7  
ASK ABOUT OUR WAREHOUSE  
THANKS FOR YOUR BUSINESS  
(512) 479-4007

|                                       |           |     | Customer No.  | Invoice No. | Period Ending  | Amount Due | Paid                             |       |  |
|---------------------------------------|-----------|-----|---|-------------|--|------------|----------------------------------|-------|--|
|                                       |           |     | 1201  | 60404       | 7/15/20  | 546.00     | 3                                |       |  |
| Date                                  | Order No. | Qty | Service Order   |             |  |            | Charges                          | Total |  |
| 7/10/20                               | 970912    | 2HR | LLOYD GOSSELINK ATTORNEYS AT LAW<br>816 CONGRESS AVE<br>AUSTIN TX 78701<br>Caller: OFFICE SERVICES Time: 11:50<br>Signed: PATRICK D |             | PATRICK DINNIN<br>2108 MARQUETTE LAKE<br>AUSTIN TX 78723<br>Wght: 1 Lbs                  |            | Base : 17.00<br>Fuel Srchg: 1.70 | 18.70 |  |
| 7/10/20                               | 970913    | 2HR | LLOYD GOSSELINK ATTORNEYS AT LAW<br>816 CONGRESS AVE<br>AUSTIN TX 78701<br>Caller: OFFICE SERVICES Time: 11:52<br>Signed: EARL N    |             | RESOLVED ENERGY CONSULTING, LLC<br>11044 RESEARCH BLVD<br>AUSTIN TX 78759<br>Wght: 1 Lbs |            | Base : 19.00<br>Fuel Srchg: 1.00 | 20.00 |  |
| Total Charges for Ref. - WPD 1720-41: |           |     |   |             |  | 39.60      |                                  |       |  |

**INVOICE PAYMENT DUE UPON RECEIPT**

Exhibit B

## ReSolved Energy Consulting, LLC

11044 Research Blvd, A-420  
Austin, TX 78759

## Invoice

| DATE     | INVOICE NUMBER |
|----------|----------------|
| 8/4/2020 | 4640           |

| BILL TO   |
|---|
| Thomas Brocato<br>Lloyd Gosselink<br>816 Congress Ave, # 1900<br>Austin, Tx 78701 |

| PROJECT                             |       |                  |                   |
|-------------------------------------|-------|------------------|-------------------|
| LG CEHE 20 EECRF 50908              |       |                  |                   |
| DESCRIPTION                         | HOURS | RATE             | AMOUNT            |
| Consulting (Nalepa)                 | 4.9   | 270.00           | 1,323.00          |
| Work Completed thru - July 31, 2020 |       | <b>TOTAL DUE</b> | <b>\$1,323.00</b> |



## Monthly Recap

Karl Nalepa

| Date          | Task   | Hours       |
|---------------|--|-------------|
| July 1, 2020  | Prepare and send description of proposed bonus adjustment to P. Dinnin for review. Call to discuss.  | 0.70        |
| July 2, 2020  | Call with P. Dinnin to discuss case issues. Review responses to discovery.   | 0.50        |
| July 8, 2020  | Call with P. Dinnin to discuss case issues. Review responses to discovery.   | 0.50        |
| July 9, 2020  | Call with Parties and CEHE staff to discuss settlement terms. Call with P. Dinnin to discuss.  | 0.70        |
| July 10, 2020 | Call with B. Abbott, Staff, regarding rate adjustment for settlement.  | 0.20        |
| July 14, 2020 | Emails with P. Dinnin regarding testimony. Outline draft testimony.  | 0.80        |
| July 15, 2020 | Prepare RCE testimony and send to P. Dinnin for review. Call with P. Dinnin regarding settlement terms. Review proposed settlement rates. Review errata. | 1.30        |
| July 22, 2020 | Review filed testimony.  | 0.20        |
|               |  | <b>4.90</b> |



**Exhibit B**  
816 Congress Avenue, Suite 1900  
Austin, Texas 78701  
Telephone: (512) 322-5800  
Facsimile: (512) 472-0532  

---

www.lglawfirm.com

September 9, 2020

Gulf Coast Coalition of Cities  
Attn Bobby Gervais  
P O Box 187  
Manvel, TX USA 77578

Invoice: 97514643  
Client: 1720  
Matter: 41  
Billing Attorney: TLB

---

### INVOICE SUMMARY

For professional services and disbursements rendered through August 31, 2020:

**RE: CenterPoint 2021 EECRF Filing**

|                           |               |
|---------------------------|---------------|
| Professional Services     | \$ .00        |
| Total Disbursements       | <u>\$ .00</u> |
| <b>TOTAL THIS INVOICE</b> | <b>\$ .00</b> |

---

Lloyd Gosselink Rochelle & Townsend, P.C.

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Gulf Coast Coalition of Cities  
CenterPoint 2021 EECRF Filing  
I.D.1720-41-TLB

September 9, 2020  
Invoice: 97514643

**TOTAL THIS INVOICE**

**\$ .00**



Exhibit B  
6 Congress Avenue, Suite 1900  
Austin, Texas 78701  
Telephone: (512) 322-5800  
Facsimile: (512) 472-0532  
[www.lglawfirm.com](http://www.lglawfirm.com)

October 19, 2020

Gulf Coast Coalition of Cities  
Attn Bobby Gervais  
P O Box 187  
Manvel, TX USA 77578

Invoice: 97515306  
Client: 1720  
Matter: 41  
Billing Attorney: TLB

---

### INVOICE SUMMARY

For professional services and disbursements rendered through September 30, 2020:

**RE: CenterPoint 2021 EECRF Filing**

|                           |                 |
|---------------------------|-----------------|
| Professional Services     | \$ 79.50        |
| Total Disbursements       | <u>\$ .00</u>   |
| <b>TOTAL THIS INVOICE</b> | <b>\$ 79.50</b> |

---

Lloyd Gosselink Rochelle & Townsend, P.C.



**E-MAILED**  
**OCT 20 2020**

Exhibit B

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Gulf Coast Coalition of Cities  
CenterPoint 2021 EECRF Filing  
I.D.1720-41-TLB

October 19, 2020  
Invoice: 97515306

**PROFESSIONAL SERVICES RENDERED**

| Date    | Atty | Description Of Services Rendered  | Hours |
|---------|------|---|-------|
| 9/30/20 | WPD  | Review proposed order for any exceptions or corrections (Administration). | .30   |

**TOTAL PROFESSIONAL SERVICES \$ 79.50**

**SUMMARY OF PROFESSIONAL SERVICES**

| Name             | Staff Level | Hours      | Rate   | Total           |
|------------------|-------------|------------|--------|-----------------|
| W Patrick Dinnin | Associate   | .30        | 265.00 | 79.50           |
| <b>TOTALS</b>    |             | <b>.30</b> |        | <b>\$ 79.50</b> |

**TOTAL THIS INVOICE \$ 79.50**

Lloyd Gosselink Rochelle & Townsend, P.C.

Page|2

Exhibit B



816 Congress Avenue, Suite 1900  
Austin, Texas 78701  
Telephone: (512) 322-5800  
Facsimile: (512) 472-0532  
[www.lglawfirm.com](http://www.lglawfirm.com)

October 19, 2020

Gulf Coast Coalition of Cities  
Attn Bobby Gervais  
P O Box 187  
Manvel, TX 77578 USA

Client: 1720  
Matter: 41  
Billing Atty.: TLB

## REMINDER STATEMENT

RE: CenterPoint 2021 EECRF Filing

| Invoice Number    | Invoice Date    | Fees     | Expenses | Invoice Total | Payments / Credits | Balance            |
|-------------------|-----------------|----------|----------|---------------|--------------------|--------------------|
| 97512330          | July 10, 2020   | 4,076.00 | 0.00     | 4,076.00      | 0.00               | 4,076.00           |
| 97513760          | August 13, 2020 | 5,846.00 | 4,602.60 | 10,448.60     | 0.00               | 10,448.60          |
| Total Amount Due: |                 |          |          |               |                    | <b>\$14,524.60</b> |

## AGED ACCOUNTS RECEIVABLE

| 0 - 30 Days | 31 - 60 Days | 61 - 90 Days | 91 - 120 Days | Over 120 Days |
|-------------|--------------|--------------|---------------|---------------|
| -           | -            | 10,448.60    | 4,076.00      | -             |

Lloyd Gosselink Rochelle & Townsend, P.C.



Exhibit B  
816 Congress Avenue, Suite 1900  
Austin, Texas 78701  
Telephone: (512) 322-5800  
Facsimile: (512) 472-0532  
[www.lglawfirm.com](http://www.lglawfirm.com)

November 6, 2020

Gulf Coast Coalition of Cities  
Attn Bobby Gervais  
c/o City of Manvel  
P O Box 187  
Manvel, TX USA 77578

Invoice: 97516341R  
Client: 1720  
Matter: 41  
Billing Attorney: TLB

Tax ID # 74-2308445

---

### INVOICE SUMMARY

For professional services and disbursements rendered through October 31, 2020:

**RE: CenterPoint 2021 EECRF Filing**

|                           |                    |
|---------------------------|--------------------|
| Professional Services     | \$ 1,019.50        |
| Total Disbursements       | <u>\$ 2.30</u>     |
| <b>TOTAL THIS INVOICE</b> | <b>\$ 1,021.80</b> |

---

Lloyd Gosselink Rochelle & Townsend, P.C.

Exhibit B

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Gulf Coast Coalition of Cities  
CenterPoint 2021 EECRF Filing  
I.D.1720-41-TLB

November 6, 2020  
Invoice: 97516341R

**PROFESSIONAL SERVICES RENDERED**

| Date     | Atty | Description Of Services Rendered  | Hours |
|----------|------|---|-------|
| 10/05/20 | WPD  | Review Proposed Order, check math on total cost recovery; discuss with T. Brocato Staff's changes to agreed proposed order; call with Matt Arth regarding findings on ARM's questions about total cost recovery (Administration). | 1.50  |
| 10/06/20 | WPD  | Draft and edit Notice of Exceptions to PUC's Proposed Order (Administration).   | 1.50  |
| 10/07/20 | WPD  | Review S. Weaver's edits to Notice of Exceptions, finalize and send to J. Shipley for filing (Administration).  | .30   |
| 10/07/20 | SJW  | Review and edit Exceptions to Proposed Order (Administration).  | .10   |
| 10/16/20 | WPD  | Watch/Attend open meeting for potential action on CenterPoint EECRF (Administration) (NO CHARGE .50).   | .50   |

**TOTAL PROFESSIONAL SERVICES \$ 1,019.50**

**SUMMARY OF PROFESSIONAL SERVICES**

| Name             | Staff Level | Rate   | Hours       | Amount          | N/C HR     | N/C              |
|------------------|-------------|--------|-------------|-----------------|------------|------------------|
| W Patrick Dinnin | Associate   | 265.00 | 3.80        | 1,007.0         | .50        | 132.50           |
| Sam J Weaver     | Paralegal   | 125.00 | .10         | 12.50           | .00        | .00              |
| <b>TOTALS</b>    |             |        | <b>3.90</b> | <b>1,019.50</b> | <b>.50</b> | <b>\$ 132.50</b> |

**DISBURSEMENTS**

| Description  | Amount |
|--------------|--------|
| Photocopying | 2.30   |

**TOTAL DISBURSEMENTS \$ 2.30**

**TOTAL THIS INVOICE \$ 1,021.80**



Exhibit B

|          |            |      |    |    |
|----------|------------|------|----|----|
| Alysheba | 10/13/2020 | 1720 | 41 | 1  |
| Alysheba | 10/13/2020 | 1720 | 41 | 2  |
| Alysheba | 10/13/2020 | 1720 | 41 | 18 |
| Alysheba | 10/13/2020 | 1720 | 41 | 1  |
| Deepblue | 10/13/2020 | 1720 | 41 | 1  |

Photocopies – 23 @ \$.10/each = \$2.30

Exhibit B



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Facsimile: (512) 472-0532  
[www.lglawfirm.com](http://www.lglawfirm.com)

November 06, 2020

Gulf Coast Coalition of Cities  
Attn Bobby Gervais  
c/o City of Manvel  
P O Box 187  
Manvel, TX 77578 USA

Client: 1720  
Matter: 41  
Billing Atty.: TLB

## REMINDER STATEMENT

RE: CenterPoint 2021 EECRF Filing

| Invoice Number    | Invoice Date     | Fees     | Expenses | Invoice Total | Payments / Credits | Balance     |
|-------------------|------------------|----------|----------|---------------|--------------------|-------------|
| 97512330          | July 10, 2020    | 4,076.00 | 0.00     | 4,076.00      | 0.00               | 4,076.00    |
| 97513760          | August 13, 2020  | 5,846.00 | 4,602.60 | 10,448.60     | 0.00               | 10,448.60   |
| 97515306          | October 19, 2020 | 79.50    | 0.00     | 79.50         | 0.00               | 79.50       |
| Total Amount Due: |                  |          |          |               |                    | \$14,604.10 |

## AGED ACCOUNTS RECEIVABLE

| 0 - 30 Days | 31 - 60 Days | 61 - 90 Days | 91 - 120 Days | Over 120 Days |
|-------------|--------------|--------------|---------------|---------------|
| 79.50       | -            | 10,448.60    | 4,076.00      | -             |

Lloyd Gosselink Rochelle & Townsend, P.C.



review of CenterPoint's proposed adjustment in Docket No. 50908 and were necessary to represent the interests of COH in this matter.

4. For the period through July 2020, COH incurred \$8,920 from NewGen Strategies and Solutions, for consulting services. The fees and expenses incurred from NewGen Strategies and Solutions were necessary to accomplish the following: 1) review and analyze CenterPoint's filing; 2) advise COH on the Company's proposed EECRF request; 3) identify issues in the filing; and 4) work with COH.

5. The expert consulting services performed by NewGen Strategies and Solutions on behalf of COH were managed and supervised by me. The services rendered through July 31, 2020, included those items set forth in Paragraph 4 above. The hours spent by NewGen Strategies and Solutions for work assigned to us in this proceeding was reasonable and necessary to complete those tasks in a professional manner and on a timely basis. I used my knowledge and experience in these matters before the Public Utility Commission of Texas ("PUC") to assure that the work being done and the expenses incurred were reasonable.

6. The consulting services performed for COH were conducted by Mr. Anthony M. Georgis, Constance T. Cannady, and DeShark Consulting, LLC. Ms. Cannady has testified before the PUC on numerous occasions over the past 35 years. Her hourly rate in Docket No. 50908 is \$250.00/hr. This is the same or a lower hourly rate charged other clients for comparable services during the same time period.

7. Mr. Georgis has over 20 years of consulting experience concerning the utility industry and has testified before the PUC concerning several EECRF rate proceedings. His hourly rate in Docket No. 50908 is \$260.00/hr. This is the same or a lower hourly rate charged other clients for comparable services during the same time period.

8. The work performed by Ms. Cannady and Mr. Georgis included review of the filing; review of Commission precedent on various EECRF issues; preparation of RFIs; review of settlement options. This work was reasonable and necessary to assist COH in this proceeding.

9. The work performed by NewGen Strategies and Solutions' subcontractor, DeShark Consulting, LLC, included accounting and tax related matters and providing assistance with respect to certain EECRF proposed administrative expenses. The firm's hourly rate in Docket No. 50908 is \$250.00/hr. This is the same or similar hourly rate charged other clients for comparable services during the same time period.

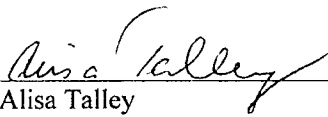
10. The actual invoices submitted by NewGen Strategies and Solutions and DeShark Consulting, LLC, for services and expenses through July 31, 2020, are submitted as Attachment A to this Exhibit.

11. The actual invoices include a description of services performed and time expended on a daily basis. All expenses are supported by backup documentation. The documentation in this case is similar to that provided in many previous rate cases at the PUC.

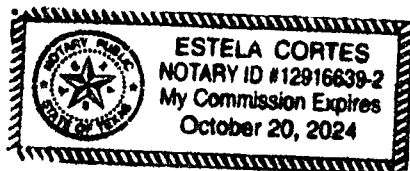
12. Pursuant to PUC Subst. R. §25.245(b), NewGen Strategies and Solutions and DeShark Consulting, LLC recorded time spent on this matter by issue category to the extent possible. Time entries on the attached invoices indicate the issue subject matter of each entry, to the extent possible.

13. The expenses incurred by NewGen Strategies and Solutions comply with PUC Practice and Procedure Rules Sec. 25.245. NewGen Strategies and Solutions did not charge for luxury items, including first-class airfare, limousine service, entertainment, or alcoholic beverages. No meals were charged in excess of \$25 per person, and no individual billed for more than 12 hours in a single day.

14. The total amount requested for rate case expenses through July 31, 2020, in the amount of \$8,920 for Docket No. 50908 is reasonable and necessary, in light of all the factors discussed above and, therefore, in compliance with PUC Subst. R. § 25.245. These fees and expenses are in proportion to the nature and scope of the case at issue.

  
Alisa Talley  
Division Manager  
City of Houston, Texas

SUBSCRIBED AND WORN TO BEFORE ME, the undersigned authority, on this the 25 day  
of May 2021.



Estela Cortes  
NOTARY PUBLIC STATE OF TEXAS

# EXHIBIT A



Received 08/05/20

Exhibit SAR-7  
Page 6 of 10

275 W. Campbell Road, Suite 440  
Richardson, TX 75080  
Tel: 972-680-2000 Fax: 972-680-2007

Ms. Alisa Talley  
City of Houston  
611 Walker Street, 13th Floor  
Houston, TX 77002-

## Invoice

Invoice Date: Jul 31, 2020

Invoice Num: 9949

Billing Through: Jul 31, 2020

Houston Utility Consulting Svc: TO3- CenterPoint EECRF Docket No 50908 (Houston Utility Consulting Services  
AMA-ER2071:Task 3) - PO#: SRO #4500319232 - Managed by (Cannady, Constance.)

### Professional Services:

| Employee  | Description          | Hours | Rate     | Amount     |
|---|----------------------|-------|----------|------------|
| Anthony M. Georgis  | Managing Director    | 5.00  | \$260.00 | \$1,300.00 |
| Constance T. Cannady.   | Executive Consultant | 3.50  | \$250.00 | \$875.00   |
| Total Services:   |                      |       |          | \$2,175.00 |
| Project (Houston Utility Consulting Services AMA-ER2071:Task 3) Total Amount Due: |                      |       |          | \$2,175.00 |

This invoice is due on 8/30/2020

8/28/2020

DocuSigned by:

*Alisa Talley*

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Time Detail and Notes Follow on Next Page

Electronic Copy

Economics

Strategy

Stakeholders

Sustainability

www.newgenstrategies.net

Page 1 of 2



Ms. Alisa Talley  
City of Houston  
611 Walker Street, 13th Floor  
Houston, TX 77002-

## Invoice

Invoice Date: Jul 31, 2020

Invoice Num: 9949

Billing Through: Jul 31, 2020

**Project (Name) - Houston Utility Consulting Services AMA-ER2071:Task 3 (Houston Utility Consulting Svc: TO3- CenterPoint EECRF Docket No 50908)**

**Georgis, Anthony**

|          |                    |      |  |
|----------|--------------------|------|--|
| 7/1/2020 | Anthony M. Georgis | 1.00 | Coord call with client/review issues and analyses              |
| 7/2/2020 | Anthony M. Georgis | 1.00 | Review filings, prep analysis for settlement calls             |
| 7/6/2020 | Anthony M. Georgis | 0.50 | Review of Prior EECRF filings/costs                            |
| 7/7/2020 | Anthony M. Georgis | 1.50 | Tracking EECRF cost / EE program historical costs              |
| 7/8/2020 | Anthony M. Georgis | 1.00 | EECRF analysis, A&G costs and projected reductions/adjustments |

**Total Georgis, Anthony:** 5.00

**Cannady, Constance.**

|           |                       |      |  |
|-----------|-----------------------|------|--|
| 7/2/2020  | Constance T. Cannady. | 0.50 | conference call with client  |
| 7/9/2020  | Constance T. Cannady. | 2.00 | Review of CenterPoint Proposal; discussion with Internal City team; conference call with all parties |
| 7/15/2020 | Constance T. Cannady. | 1.00 | Review settlement proposal and schedules; review write up by City Staff                              |

**Total Cannady, Constance.:** 3.50

**Total Houston Utility Consulting Services** 8.50

AMA-ER2071:Task 3 - Houston Utility  
Consulting Svc: TO3- CenterPoint EECRF  
Docket No 50908 :

Economics

Strategy

Stakeholders

Sustainability

[www.newgenstrategies.net](http://www.newgenstrategies.net)



275 W. Campbell Road, Suite 440  
Richardson, TX 75080  
Tel: 972-680-2000 Fax: 972-680-2007

## Invoice

Invoice Date: Jun 30, 2020

Invoice Num: 9813

Billing Through: Jun 30, 2020

Ms. Alisa Talley  
City of Houston  
611 Walker Street, 13th Floor  
Houston, TX 77002-

Houston Utility Consulting Svc: TO3- CenterPoint EECRF Docket No 50908 (Houston Utility Consulting Services  
AMA-ER2071:Task 3) - PO#: SRO #4500319232 - Managed by (Cannady, Constance.)

### Professional Services:

| Employee              | Description       | Hours | Rate     | Amount     |
|-----------------------|-------------------|-------|----------|------------|
| Anthony M. Georgis    | Professional Fees | 12.00 | \$260.00 | \$3,120.00 |
| Constance T. Cannady. | Professional Fees | 8.50  | \$250.00 | \$2,125.00 |
| Total Services:       |                   |       |          | \$5,245.00 |

### Reimbursable Expenses:

| Employee                | Description                          | Amount     |
|-------------------------|--------------------------------------|------------|
| DeShark Consulting, LLC | SubContractor Expenses - (6/30/2020) | \$1,500.00 |
| Total Expenses:         |                                      | \$1,500.00 |

Project (Houston Utility Consulting Services AMA-ER2071:Task 3) Total Amount Due: \$6,745.00

This invoice is due on 7/30/2020

Time Detail and Notes Follow on Next Page

Electronic Copy

Reviewed AT  
7/13/2020

Economics | Strategy | Stakeholders | Sustainability  
www.newgenstrategies.net

DocuSigned by:  
*Alisa Talley*  
Page 1 of 3  
BCF73D689A3143E...



275 W.Campbell Road, Suite 440  
Richardson, TX 75080  
Tel: 972-680-2000 Fax: 972-680-2007

## Invoice

Invoice Date: Jun 30, 2020

Invoice Num: 9813

Billing Through: Jun 30, 2020

Ms. Alisa Talley  
City of Houston  
611 Walker Street, 13th Floor  
Houston, TX 77002-

Project (Name) - Houston Utility Consulting Services AMA-ER2071;Task 3 (Houston Utility Consulting Svc: TO3- CenterPoint EECRF Docket No 50908)

### Georgis, Anthony

|           |                    |      |   |
|-----------|--------------------|------|---|
| 6/9/2020  | Anthony M. Georgis | 3.00 | City of Houston EECRF filing and review of Issues                             |
| 6/10/2020 | Anthony M. Georgis | 2.00 | Houston EECRF: Review testimony, update Issues, send Issues list              |
| 6/12/2020 | Anthony M. Georgis | 2.00 | review testimony, finalize initial Issues and data research                   |
| 6/25/2020 | Anthony M. Georgis | 3.00 | Issues development, analyses of EECRF   |
| 6/26/2020 | Anthony M. Georgis | 2.00 | coordination call with client, review prior EE plans, develop Issues analyses |

Total Georgis, Anthony: 12.00

### Cannady, Constance.

|           |                       |      |   |
|-----------|-----------------------|------|---|
| 6/4/2020  | Constance T. Cannady. | 0.25 | Coordinate with team members on Docket No. 50908                                    |
| 6/5/2020  | Constance T. Cannady. | 1.00 | Prepare for and participate in kick-off for City of Houston Project 50908           |
| 6/10/2020 | Constance T. Cannady. | 0.50 | Review and submit preliminary list of Issues in Houston SOW Docket No. 50908        |
| 6/11/2020 | Constance T. Cannady. | 1.50 | Prepare Draft Issues list for Docket No. 50908 for June 12 filing                   |
| 6/17/2020 | Constance T. Cannady. | 0.25 | Project management activities on EECRF including review of RFIs submitted by others |
| 6/23/2020 | Constance T. Cannady. | 2.00 | Continue to identify potential Issues; discuss work with internal team              |
| 6/24/2020 | Constance T. Cannady. | 1.50 | Develop RFIs for EECRF filing; discuss potential Issues with Tony                   |
| 6/26/2020 | Constance T. Cannady. | 1.00 | Call with client, review prior dockets; discuss tasks with subcontractor            |
| 6/29/2020 | Constance T. Cannady. | 0.25 | Review RFI responses  |
| 6/30/2020 | Constance T. Cannady. | 0.25 | Followup on potential Issues  |

Total Cannady, Constance.: 8.50

Total Houston Utility Consulting Services 20.50

AMA-ER2071;Task 3 - Houston Utility  
Consulting Svc: TO3- CenterPoint EECRF  
Docket No 50908 :

Economics

Strategy

Stakeholders

Sustainability

www.newgenstrategies.net

**DeShark Consulting, LLC**

17629 El Camino Real, Ste #110  
Houston, TX 77058 US  
(713) 322-5600  
solanrewaju@desharksolutions.com  
www.desharksolutions.com



# INVOICE

**BILL TO**

New Gen Strategies& Solutions  
LLC  
275 W. Campbell, Suite 440  
Richardson, TX 75080

**INVOICE #** 1338

**DATE** 06/30/2020

**DUE DATE** 06/30/2020

**TERMS** Due on receipt

---

| ACTIVITY   | QTY  | RATE   | AMOUNT |
|--|------|--------|--------|
| <b>Consultation</b><br>06/30/20-Task Order #1-EECRF Review of<br>Outside Consulting Services                                       | 1.50 | 250.00 | 375.00 |
| <b>Consultation</b><br>06/30/20-Task Order #1-EECRF Review of<br>Administrative and General & Research and<br>Development Expenses | 1.50 | 250.00 | 375.00 |
| <b>Consultation</b><br>06/29/30-Task Order #1-EECRF Review of<br>Consumer Price Index (CPI)  | 1    | 250.00 | 250.00 |
| <b>Consultation</b><br>06/30/20-Task Order #1-EECRF Review of<br>reasonableness of Reimbursable Employee<br>expenses               | 1    | 250.00 | 250.00 |
| <b>Consultation</b><br>06/18/20-Task Order #1-EECRF Task Order<br>requirements review meeting                                      | 1    | 250.00 | 250.00 |

BALANCE DUE

**\$1,500.00**

**WORKPAPERS**  
**OF**  
**SHEA A. RICHARDSON**

**SARWP1**

**Line Loss Value**

|                                   | Residential | Secondary<br>< 10 kVA | Secondary<br>> 10 kVA | Primary | Transmission | Total Line Loss<br>Value |
|-----------------------------------|-------------|-----------------------|-----------------------|---------|--------------|--------------------------|
| 2020 kW Savings at Meter          | 52,181      | 935                   | 95,141                | 20,196  | 2,733        |                          |
| % of Total Savings                | 30%         | 1%                    | 56%                   | 12%     | 2%           |                          |
| Line Loss Value From Docket 49421 | 6.10%       | 6.09%                 | 6.08%                 | 3.86%   | 1.96%        |                          |
| Weighted Line Loss Value          | 1.860%      | 0.033%                | 3.379%                | 0.455%  | 0.031%       | 5.76%                    |
| 2020 kW Savings at Source         | 55,365      | 992                   | 100,927               | 20,976  | 2,786        | 181,045                  |

|                                   | Residential | Secondary<br>< 10 kVA | Secondary<br>> 10 kVA | Primary    | Transmission | Total Line Loss<br>Value |
|-----------------------------------|-------------|-----------------------|-----------------------|------------|--------------|--------------------------|
| 2020 kWh Savings at Meter         | 97,329,821  | 4,900,511             | 70,685,745            | 16,655,420 | 16,396       |                          |
| % of Total Savings                | 51.34%      | 2.58%                 | 37.28%                | 8.79%      | 0.01%        |                          |
| Line Loss Value From Docket 49421 | 5.80%       | 5.83%                 | 5.83%                 | 3.28%      | 1.89%        |                          |
| Weighted Line Loss Value          | 2.980%      | 0.151%                | 2.172%                | 0.289%     | 0.000%       | 5.59%                    |
| 2020 kWh Savings at Meter         | 102,979,609 | 5,186,346             | 74,803,234            | 17,202,464 | 16,705       | 200,188,358              |

|             | 2018                         |                             |                  |             | 2019                         |                             |                  |             | 2020                         |                             |                  |             |
|-------------|------------------------------|-----------------------------|------------------|-------------|------------------------------|-----------------------------|------------------|-------------|------------------------------|-----------------------------|------------------|-------------|
|             | Actual Demand Reduction (MW) | Actual Energy Savings (MWH) | Program Cost     | Total \$/kW | Actual Demand Reduction (MW) | Actual Energy Savings (MWH) | Program Cost     | Total \$/kW | Actual Demand Reduction (MW) | Actual Energy Savings (MWH) | Program Cost     | Total \$/kW |
| TNMP        | 13.76                        | 17,204                      | \$ 5,078,630.00  | \$ 368.98   | 10.43                        | 15,629                      | \$ 4,772,998.00  | \$ 457.62   | 12.47                        | 16,792                      | \$ 4,855,279.00  | \$ 389.48   |
| XCEL        | 9.57                         | 18,908                      | \$ 3,802,005.00  | \$ 397.12   | 9.57                         | 23,328                      | \$ 3,789,634.00  | \$ 395.87   | 11.67                        | 25,663                      | \$ 3,916,471.00  | \$ 335.54   |
| El Paso     | 16.85                        | 20,726                      | \$ 4,053,585.00  | \$ 240.63   | 19.42                        | 24,826                      | \$ 4,272,216.00  | \$ 219.95   | 20.74                        | 30,704                      | \$ 4,983,108.00  | \$ 240.27   |
| Entergy TX  | 19.67                        | 48,100                      | \$ 6,975,871.00  | \$ 354.74   | 21.00                        | 44,554                      | \$ 7,098,781.00  | \$ 338.04   | 20.01                        | 44,885                      | \$ 6,394,584.00  | \$ 319.60   |
| Oncor       | 172.41                       | 218,304                     | \$ 48,165,650.00 | \$ 279.37   | 167.45                       | 243,152                     | \$ 48,253,073.00 | \$ 288.16   | 199.20                       | 243,152                     | \$ 48,808,959.00 | \$ 245.02   |
| SWEP CO     | 13.96                        | 17,017                      | \$ 3,947,827.00  | \$ 282.82   | 11.83                        | 16,233                      | \$ 3,896,836.00  | \$ 329.35   | 10.52                        | 16,246                      | \$ 4,064,341.00  | \$ 386.38   |
| AEP North   | 8.95                         | 12,669                      | \$ 3,123,252.00  | \$ 349.12   | 6.58                         | 11,968                      | \$ 3,099,360.00  | \$ 471.17   | 5.79                         | 12,768                      | \$ 3,178,790.00  | \$ 548.82   |
| AEP Central | 43.81                        | 62,417                      | \$ 13,656,618.00 | \$ 311.71   | 39.70                        | 58,389                      | \$ 13,571,420.00 | \$ 341.87   | 50.45                        | 59,259                      | \$ 13,794,310.00 | \$ 273.44   |
| CenterPoint | 176.36                       | 162,440                     | \$ 30,509,259.00 | \$ 172.99   | 194.83                       | 215,620                     | \$ 35,778,847.00 | \$ 183.64   | 171.19                       | 189,588                     | \$ 36,001,242.00 | \$ 210.30   |

2019 EEPR Docket: Project No. 49297 <http://interchange.puc.texas.gov/Search/Filings?UtilityType=A&ControlNumber=49297&ItemMatch=Equal&DocumentType=ALL&SortOrder=Ascending>

2020 EEPR Docket: Project No. 50666 <http://interchange.puc.texas.gov/Search/Filings?UtilityType=A&ControlNumber=50666&ItemMatch=Equal&DocumentType=ALL&SortOrder=Ascending>

2021 EEPR Docket: Project No. 51672 <http://interchange.puc.texas.gov/search/filings/?UtilityType=A&ControlNumber=51672&ItemMatch=Equal&DocumentType=ALL&SortOrder=Ascending>

Workpaper SARWP3 is confidential. A copy of this material will be provided pursuant to the protective order issued in this docket.



| Geological Data | Name | Unit   | Thickness (m) | Depth (m) | Stratigraphic Column | Lithology | Fossil Content | Remarks  | Date     |
|-----------------|------|--------|---------------|-----------|----------------------|-----------|----------------|----------|----------|
| 1               |      |        |               |           |                      |           |                |          |          |
| 1               | 1.1  | 1.1.1  | 1.1.1.1       | 1.1.1.2   | 1.1.1.3              | 1.1.1.4   | 1.1.1.5        | 1.1.1.6  | 1.1.1.7  |
| 2               | 2.1  | 2.1.1  | 2.1.1.1       | 2.1.1.2   | 2.1.1.3              | 2.1.1.4   | 2.1.1.5        | 2.1.1.6  | 2.1.1.7  |
| 3               | 3.1  | 3.1.1  | 3.1.1.1       | 3.1.1.2   | 3.1.1.3              | 3.1.1.4   | 3.1.1.5        | 3.1.1.6  | 3.1.1.7  |
| 4               | 4.1  | 4.1.1  | 4.1.1.1       | 4.1.1.2   | 4.1.1.3              | 4.1.1.4   | 4.1.1.5        | 4.1.1.6  | 4.1.1.7  |
| 5               | 5.1  | 5.1.1  | 5.1.1.1       | 5.1.1.2   | 5.1.1.3              | 5.1.1.4   | 5.1.1.5        | 5.1.1.6  | 5.1.1.7  |
| 6               | 6.1  | 6.1.1  | 6.1.1.1       | 6.1.1.2   | 6.1.1.3              | 6.1.1.4   | 6.1.1.5        | 6.1.1.6  | 6.1.1.7  |
| 7               | 7.1  | 7.1.1  | 7.1.1.1       | 7.1.1.2   | 7.1.1.3              | 7.1.1.4   | 7.1.1.5        | 7.1.1.6  | 7.1.1.7  |
| 8               | 8.1  | 8.1.1  | 8.1.1.1       | 8.1.1.2   | 8.1.1.3              | 8.1.1.4   | 8.1.1.5        | 8.1.1.6  | 8.1.1.7  |
| 9               | 9.1  | 9.1.1  | 9.1.1.1       | 9.1.1.2   | 9.1.1.3              | 9.1.1.4   | 9.1.1.5        | 9.1.1.6  | 9.1.1.7  |
| 10              | 10.1 | 10.1.1 | 10.1.1.1      | 10.1.1.2  | 10.1.1.3             | 10.1.1.4  | 10.1.1.5       | 10.1.1.6 | 10.1.1.7 |
| 11              | 11.1 | 11.1.1 | 11.1.1.1      | 11.1.1.2  | 11.1.1.3             | 11.1.1.4  | 11.1.1.5       | 11.1.1.6 | 11.1.1.7 |
| 12              | 12.1 | 12.1.1 | 12.1.1.1      | 12.1.1.2  | 12.1.1.3             | 12.1.1.4  | 12.1.1.5       | 12.1.1.6 | 12.1.1.7 |
| 13              | 13.1 | 13.1.1 | 13.1.1.1      | 13.1.1.2  | 13.1.1.3             | 13.1.1.4  | 13.1.1.5       | 13.1.1.6 | 13.1.1.7 |
| 14              | 14.1 | 14.1.1 | 14.1.1.1      | 14.1.1.2  | 14.1.1.3             | 14.1.1.4  | 14.1.1.5       | 14.1.1.6 | 14.1.1.7 |
| 15              | 15.1 | 15.1.1 | 15.1.1.1      | 15.1.1.2  | 15.1.1.3             | 15.1.1.4  | 15.1.1.5       | 15.1.1.6 | 15.1.1.7 |
| 16              | 16.1 | 16.1.1 | 16.1.1.1      | 16.1.1.2  | 16.1.1.3             | 16.1.1.4  | 16.1.1.5       | 16.1.1.6 | 16.1.1.7 |
| 17              | 17.1 | 17.1.1 | 17.1.1.1      | 17.1.1.2  | 17.1.1.3             | 17.1.1.4  | 17.1.1.5       | 17.1.1.6 | 17.1.1.7 |
| 18              | 18.1 | 18.1.1 | 18.1.1.1      | 18.1.1.2  | 18.1.1.3             | 18.1.1.4  | 18.1.1.5       | 18.1.1.6 | 18.1.1.7 |
| 19              | 19.1 | 19.1.1 | 19.1.1.1      | 19.1.1.2  | 19.1.1.3             | 19.1.1.4  | 19.1.1.5       | 19.1.1.6 | 19.1.1.7 |
| 20              | 20.1 | 20.1.1 | 20.1.1.1      | 20.1.1.2  | 20.1.1.3             | 20.1.1.4  | 20.1.1.5       | 20.1.1.6 | 20.1.1.7 |
| 21              | 21.1 | 21.1.1 | 21.1.1.1      | 21.1.1.2  | 21.1.1.3             | 21.1.1.4  | 21.1.1.5       | 21.1.1.6 | 21.1.1.7 |
| 22              | 22.1 | 22.1.1 | 22.1.1.1      | 22.1.1.2  | 22.1.1.3             | 22.1.1.4  | 22.1.1.5       | 22.1.1.6 | 22.1.1.7 |
| 23              | 23.1 | 23.1.1 | 23.1.1.1      | 23.1.1.2  | 23.1.1.3             | 23.1.1.4  | 23.1.1.5       | 23.1.1.6 | 23.1.1.7 |
| 24              | 24.1 | 24.1.1 | 24.1.1.1      | 24.1.1.2  | 24.1.1.3             | 24.1.1.4  | 24.1.1.5       | 24.1.1.6 | 24.1.1.7 |
| 25              | 25.1 | 25.1.1 | 25.1.1.1      | 25.1.1.2  | 25.1.1.3             | 25.1.1.4  | 25.1.1.5       | 25.1.1.6 | 25.1.1.7 |
| 26              | 26.1 | 26.1.1 | 26.1.1.1      | 26.1.1.2  | 26.1.1.3             | 26.1.1.4  | 26.1.1.5       | 26.1.1.6 | 26.1.1.7 |
| 27              | 27.1 | 27.1.1 | 27.1.1.1      | 27.1.1.2  | 27.1.1.3             | 27.1.1.4  | 27.1.1.5       | 27.1.1.6 | 27.1.1.7 |
| 28              | 28.1 | 28.1.1 | 28.1.1.1      | 28.1.1.2  | 28.1.1.3             | 28.1.1.4  | 28.1.1.5       | 28.1.1.6 | 28.1.1.7 |
| 29              | 29.1 | 29.1.1 | 29.1.1.1      | 29.1.1.2  | 29.1.1.3             | 29.1.1.4  | 29.1.1.5       | 29.1.1.6 | 29.1.1.7 |
| 30              | 30.1 | 30.1.1 | 30.1.1.1      | 30.1.1.2  | 30.1.1.3             | 30.1.1.4  | 30.1.1.5       | 30.1.1.6 | 30.1.1.7 |
| 31              | 31.1 | 31.1.1 | 31.1.1.1      | 31.1.1.2  | 31.1.1.3             | 31.1.1.4  | 31.1.1.5       | 31.1.1.6 | 31.1.1.7 |
| 32              | 32.1 | 32.1.1 | 32.1.1.1      | 32.1.1.2  | 32.1.1.3             | 32.1.1.4  | 32.1.1.5       | 32.1.1.6 | 32.1.1.7 |
| 33              | 33.1 | 33.1.1 | 33.1.1.1      | 33.1.1.2  | 33.1.1.3             | 33.1.1.4  | 33.1.1.5       | 33.1.1.6 | 33.1.1.7 |
| 34              | 34.1 | 34.1.1 | 34.1.1.1      | 34.1.1.2  | 34.1.1.3             | 34.1.1.4  | 34.1.1.5       | 34.1.1.6 | 34.1.1.7 |
| 35              | 35.1 | 35.1.1 | 35.1.1.1      | 35.1.1.2  | 35.1.1.3             | 35.1.1.4  | 35.1.1.5       | 35.1.1.6 | 35.1.1.7 |
| 36              | 36.1 | 36.1.1 | 36.1.1.1      | 36.1.1.2  | 36.1.1.3             | 36.1.1.4  | 36.1.1.5       | 36.1.1.6 | 36.1.1.7 |
| 37              | 37.1 | 37.1.1 | 37.1.1.1      | 37.1.1.2  | 37.1.1.3             | 37.1.1.4  | 37.1.1.5       | 37.1.1.6 | 37.1.1.7 |
| 38              | 38.1 | 38.1.1 | 38.1.1.1      | 38.1.1.2  | 38.1.1.3             | 38.1.1.4  | 38.1.1.5       | 38.1.1.6 | 38.1.1.7 |
| 39              | 39.1 | 39.1.1 | 39.1.1.1      | 39.1.1.2  | 39.1.1.3             | 39.1.1.4  | 39.1.1.5       | 39.1.1.6 | 39.1.1.7 |
| 40              | 40.1 | 40.1.1 | 40.1.1.1      | 40.1.1.2  | 40.1.1.3             | 40.1.1.4  | 40.1.1.5       | 40.1.1.6 | 40.1.1.7 |
| 41              | 41.1 | 41.1.1 | 41.1.1.1      | 41.1.1.2  | 41.1.1.3             | 41.1.1.4  | 41.1.1.5       | 41.1.1.6 | 41.1.1.7 |
| 42              | 42.1 | 42.1.1 | 42.1.1.1      | 42.1.1.2  | 42.1.1.3             | 42.1.1.4  | 42.1.1.5       | 42.1.1.6 | 42.1.1.7 |
| 43              | 43.1 | 43.1.1 | 43.1.1.1      | 43.1.1.2  | 43.1.1.3             | 43.1.1.4  | 43.1.1.5       | 43.1.1.6 | 43.1.1.7 |
| 44              | 44.1 | 44.1.1 | 44.1.1.1      | 44.1.1.2  | 44.1.1.3             | 44.1.1.4  | 44.1.1.5       | 44.1.1.6 | 44.1.1.7 |
| 45              | 45.1 | 45.1.1 | 45.1.1.1      | 45.1.1.2  | 45.1.1.3             | 45.1.1.4  | 45.1.1.5       | 45.1.1.6 | 45.1.1.7 |
| 46              | 46.1 | 46.1.1 | 46.1.1.1      | 46.1.1.2  | 46.1.1.3             | 46.1.1.4  | 46.1.1.5       | 46.1.1.6 | 46.1.1.7 |
| 47              | 47.1 | 47.1.1 | 47.1.1.1      | 47.1.1.2  | 47.1.1.3             | 47.1.1.4  | 47.1.1.5       | 47.1.1.6 | 47.1.1.7 |
| 48              | 48.1 | 48.1.1 | 48.1.1.1      | 48.1.1.2  | 48.1.1.3             | 48.1.1.4  | 48.1.1.5       | 48.1.1.6 | 48.1.1.7 |
| 49              | 49.1 | 49.1.1 | 49.1.1.1      | 49.1.1.2  | 49.1.1.3             | 49.1.1.4  | 49.1.1.5       | 49.1.1.6 | 49.1.1.7 |
| 50              | 50.1 | 50.1.1 | 50.1.1.1      | 50.1.1.2  | 50.1.1.3             | 50.1.1.4  | 50.1.1.5       | 50.1.1.6 | 50.1.1.7 |
| 51              | 51.1 | 51.1.1 | 51.1.1.1      | 51.1.1.2  | 51.1.1.3             | 51.1.1.4  | 51.1.1.5       | 51.1.1.6 | 51.1.1.7 |
| 52              | 52.1 | 52.1.1 | 52.1.1.1      | 52.1.1.2  | 52.1.1.3             | 52.1.1.4  | 52.1.1.5       | 52.1.1.6 | 52.1.1.7 |
| 53              | 53.1 | 53.1.1 | 53.1.1.1      | 53.1.1.2  | 53.1.1.3             | 53.1.1.4  | 53.1.1.5       | 53.1.1.6 | 53.1.1.7 |
| 54              | 54.1 | 54.1.1 | 54.1.1.1      | 54.1.1.2  | 54.1.1.3             | 54.1.1.4  | 54.1.1.5       | 54.1.1.6 | 54.1.1.7 |
| 55              | 55.1 | 55.1.1 | 55.1.1.1      | 55.1.1.2  | 55.1.1.3             | 55.1.1.4  | 55.1.1.5       | 55.1.1.6 | 55.1.1.7 |
| 56              | 56.1 | 56.1.1 | 56.1.1.1      | 56.1.1.2  | 56.1.1.3             | 56.1.1.4  | 56.1.1.5       | 56.1.1.6 | 56.1.1.7 |
| 57              | 57.1 | 57.1.1 | 57.1.1.1      | 57.1.1.2  | 57.1.1.3             | 57.1.1.4  | 57.1.1.5       | 57.1.1.6 | 57.1.1.7 |
| 58              | 58.1 | 58.1.1 | 58.1.1.1      | 58.1.1.2  | 58.1.1.3             | 58.1.1.4  | 58.1.1.5       | 58.1.1.6 | 58.1.1.7 |
| 59              | 59.1 | 59.1.1 | 59.1.1.1      | 59.1.1.2  | 59.1.1.3             | 59.1.1.4  | 59.1.1.5       | 59.1.1.6 | 59.1.1.7 |
| 60              | 60.1 | 60.1.1 | 60.1.1.1      | 60.1.1.2  | 60.1.1.3             | 60.1.1.4  | 60.1.1.5       | 60.1.1.6 | 60.1.1.7 |
| 61              | 61.1 | 61.1.1 | 61.1.1.1      | 61.1.1.2  | 61.1.1.3             | 61.1.1.4  | 61.1.1.5       | 61.1.1.6 | 61.1.1.7 |
| 62              | 62.1 | 62.1.1 | 62.1.1.1      | 62.1.1.2  | 62.1.1.3             | 62.1.1.4  | 62.1.1.5       | 62.1.1.6 | 62.1.1.7 |
| 63              | 63.1 | 63.1.1 | 63.1.1.1      | 63.1.1.2  | 63.1.1.3             | 63.1.1.4  | 63.1.1.5       | 63.1.1.6 | 63.1.1.7 |
| 64              | 64.1 | 64.1.1 | 64.1.1.1      | 64.1.1.2  | 64.1.1.3             | 64.1.1.4  | 64.1.1.5       | 64.1.1.6 | 64.1.1.7 |
| 65              | 65.1 | 65.1.1 | 65.1.1.1      | 65.1.1.2  | 65.1.1.3             | 65.1.1.4  | 65.1.1.5       | 65.1.1.6 | 65.1.1.7 |
| 66              | 66.1 | 66.1.1 | 66.1.1.1      | 66.1.1.2  | 66.1.1.3             | 66.1.1.4  | 66.1.1.5       | 66.1.1.6 | 66.1.1.7 |
| 67              | 67.1 | 67.1.1 | 67.1.1.1      | 67.1.1.2  | 67.1.1.3             | 67.1.1.4  | 67.1.1.5       | 67.1.1.6 | 67.1.1.7 |
| 68              | 68.1 | 68.1.1 | 68.1.1.1      | 68.1.1.2  | 68.1.1.3             | 68.1.1.4  | 68.1.1.5       | 68.1.1.6 | 68.1.1.7 |
| 69              | 69.1 | 69.1.1 | 69.1.1.1      | 69.1.1.2  | 69.1.1.3             | 69.1.1.4  | 69.1.1.5       | 69.1.1.6 | 69.1.1.7 |
| 70              | 70.1 | 70.1.1 | 70.1.1.1      | 70.1.1.2  | 70.1.1.3             | 70.1.1.4  | 70.1.1.5       | 70.1.1.6 | 70.1.1.7 |
| 71              | 71.1 | 71.1.1 | 71.1.1.1      | 71.1.1.2  | 71.1.1.3             | 71.1.1.4  | 71.1.1.5       | 71.1.1.6 | 71.1.1.7 |
| 72              | 72.1 | 72.1.1 | 72.1.1.1      | 72.1.1.2  | 72.1.1.3             | 72.1.1.4  | 72.1.1.5       | 72.1.1.6 | 72.1.1.7 |
| 73              | 73.1 | 73.1.1 | 73.1.1.1      | 73.1.1.2  | 73.1.1.3             | 73.1.1.4  | 73.1.1.5       | 73.1.1.6 | 73.1.1.7 |
| 74              | 74.1 | 74.1.1 | 74.1.1.1      | 74.1.1.2  | 74.1.1.3             | 74.1.1.4  | 74.1.1.5       | 74.1.1.6 | 74.1.1.7 |
| 75              | 75.1 | 75.1.1 | 75.1.1.1      | 75.1.1.2  | 75.1.1.3             | 75.1.1.4  | 75.1.1.5       | 75.1.1.6 | 75.1.1.7 |
| 76              | 76.1 | 76.1.1 | 76.1.1.1      | 76.1.1.2  | 76.1.1.3             | 76.1.1.4  | 76.1.1.5       | 76.1.1.6 | 76.1.1.7 |
| 77              | 77.1 | 77.1.1 | 77.1.1.1      | 77.1.1.2  | 77.1.1.3             | 77.1.1.4  | 77.1.1.5       | 77.1.1.6 | 77.1.1.7 |
| 78              | 78.1 | 78.1.1 | 78.1.1.1      | 78.1.1.2  | 78.1.1.3             | 78.1.1.4  | 78.1.1.5       | 78.1.1.6 | 78.1.1.7 |
| 79              | 79.1 | 79.1.1 | 79.1.1.1      | 79.1.1.2  | 79.1.1.3             | 79.1.1.4  | 79.1.1.5       | 79.1.1.6 | 79.1.1.7 |
| 80              | 80.1 | 80.1.1 | 80.1.1.1      | 80.1.1.2  | 80.1.1.3             | 80.1.1.4  | 80.1.1.5       | 80.1.1.6 | 80.1.1.7 |
| 81              | 81.1 | 81.1.1 | 81.1.1.1      | 81.1.1.2  | 81.1.1.3             | 81.1.1.4  | 81.1.1.5       | 81.1.1.6 | 81.1.1.7 |
| 82              | 82.1 | 82.1.1 | 82.1.1.1      | 82.1.1.2  | 82.1.1.3             | 82.1.1.4  | 82.1.1.5       | 82.1.1.6 | 82.1.1.7 |
| 83              | 83.1 | 83.1.1 | 83.1.1.1      | 83.1.1.2  | 83.1.1.3             | 83.1.1.4  | 83.1.1.5       | 83.1.1.6 | 83.1.1.7 |
| 84              | 84.1 | 84.1.1 | 84.1.1.1      | 84.1.1.2  | 84.1.1.3             | 84.1.1.4  | 84.1.1.5       | 84.1.1.6 | 84.1.1.7 |
| 85              | 85.1 | 85.1.1 | 85.1.1.1      | 85.1.1.2  | 85.1.1.3             | 85.1.1.4  | 85.1.1.5       | 85.1.1.6 | 85.1.1.7 |
| 86              | 86.1 | 86.1.1 | 86.1.1.1      | 86.1.1.2  | 86.1.1.3             | 86.1.1.4  | 86.1.1.5       | 86.1.1.6 | 86.1.1.7 |
| 87              | 87.1 | 87.1.1 | 87.1.1.1      | 87.1.1.2  | 87.1.1.3             | 87.1.1.4  | 87.1.1.5       | 87.1.1.6 | 87.1.1.7 |
| 88              | 88.1 | 88.1.1 | 88.1.1.1      | 88.1.1.2  | 88.1.1.3             | 88.1.1.4  | 88.1.1.5       | 88.1.1.6 | 88.1.1.7 |
| 89              | 89.1 | 89.1.1 | 89.1.1.1      | 89.1.1.2  | 89.1.1.3             | 89.1.1.4  | 89.1.1.5       | 89.1.1.6 | 89.1.1.7 |
| 90              | 90.1 | 90.1.1 | 90.1.1.1      | 90.1.1.2  | 90.1.1.3             | 90.1.1.4  | 90.1.1.5       | 90.1.1.6 | 90.1.1.7 |
| 91              | 91.1 | 91.1.1 | 91.1.1.1      | 91.1.1.2  | 91.1.1.3             | 91.1.1.4  | 91.1.1.5       | 91.1.1.6 | 91.1.1.7 |
| 92              | 92.1 | 92.1.1 | 92.1.1.1      | 92.1.1.2  | 92.1.1.3             | 92.1.1.4  | 92.1.1.5       | 92.1.1.6 | 92.1.1.7 |
| 93              | 93.1 | 93.1.1 | 93.1.1.1      | 93.1.1.2  | 93.1.1.3             | 93.1.1.4  | 93.1.1.5       | 93.1.1.6 | 93.1.1.7 |
| 94              | 94.1 | 94.1.1 | 94.1.1.1      | 94.1.1.2  | 94.1.1.3             | 94.1.1.4  | 94.1.1.5       | 94.1.1.6 | 94.1.1.7 |
| 95              | 95.1 | 95.1.1 | 95.1.1.1      | 95.1.1.2  | 95.1.1.3             | 95.1.1.4  | 95.1.1.5       | 95.1.1.6 | 95.1.1.7 |
| 96              | 96.1 | 96.1.1 | 96.1.1.1      | 96.1.1.2  | 96.1.1.3             | 96.1.1.4  | 96.1.1.5       | 96.1.1.6 | 96.1.1.7 |
| 97              | 97.1 | 97.1.1 | 97.1.1.1      | 97.1.1.2  | 97.1.1.3             | 97.1.1.4  | 97.1.1.5       | 97.1.1.6 | 97.1.1.7 |
| 98              | 98.1 | 98.1.1 | 98.1.1.1      | 98.1.1.2  | 98.1.1.3             | 98.1.1.4  | 98.1.1.5       | 98.1.1   |          |

**SARWP5****Avoided Cost by Measure Life****2020**

| <b>2020 Avoided Cost Data</b> |                  |
|-------------------------------|------------------|
| Avoided Cost per kW           | <b>\$80</b>      |
| Avoided Cost per kWh          | <b>\$0.11366</b> |
| Inflation Rate                | <b>2.0%</b>      |
| Discount Rate                 | <b>8.2%</b>      |

| <b>Uniform Present Worth Formula</b> |           |            |       |
|--------------------------------------|-----------|------------|-------|
| <b>Modified Avoided Costs by</b>     |           |            |       |
| <b>Measure Life</b>                  |           |            |       |
| <b>EUL</b>                           | <b>kW</b> | <b>kWh</b> |       |
| 1.0                                  | 75.41     | \$         | 0.107 |
| 2.0                                  | 146.49    | \$         | 0.208 |
| 3.0                                  | 213.49    | \$         | 0.303 |
| 4.0                                  | 276.65    | \$         | 0.393 |
| 5.0                                  | 336.18    | \$         | 0.478 |
| 6.0                                  | 392.30    | \$         | 0.557 |
| 7.0                                  | 445.19    | \$         | 0.633 |
| 8.0                                  | 495.05    | \$         | 0.703 |
| 9.0                                  | 542.05    | \$         | 0.770 |
| 10.0                                 | 586.35    | \$         | 0.833 |
| 11.0                                 | 628.11    | \$         | 0.892 |
| 12.0                                 | 667.47    | \$         | 0.948 |
| 13.0                                 | 704.58    | \$         | 1.001 |
| 14.0                                 | 739.55    | \$         | 1.051 |
| 15.0                                 | 772.52    | \$         | 1.098 |
| 16.0                                 | 803.60    | \$         | 1.142 |
| 17.0                                 | 832.89    | \$         | 1.183 |
| 18.0                                 | 860.50    | \$         | 1.223 |
| 19.0                                 | 886.52    | \$         | 1.260 |
| 20.0                                 | 911.06    | \$         | 1.294 |
| 21.0                                 | 934.18    | \$         | 1.327 |
| 22.0                                 | 955.98    | \$         | 1.358 |
| 23.0                                 | 976.53    | \$         | 1.387 |
| 24.0                                 | 995.89    | \$         | 1.415 |
| 25.0                                 | 1,014.15  | \$         | 1.441 |
| 26.0                                 | 1,031.36  | \$         | 1.465 |
| 27.0                                 | 1,047.58  | \$         | 1.488 |
| 28.0                                 | 1,062.87  | \$         | 1.510 |
| 29.0                                 | 1,077.28  | \$         | 1.531 |
| 30.0                                 | 1,090.87  | \$         | 1.550 |

| 2020<br>Spending (\$)           |                                |    |              |
|---------------------------------|--------------------------------|----|--------------|
| Incentives                      |                                | \$ | 32,142,258   |
|                                 |                                |    |              |
| Total Admin & R&D               |                                | \$ | 3,858,983    |
| Administration                  |                                | \$ | 3,540,755    |
| R&D                             |                                |    | 318,228      |
|                                 |                                |    |              |
| Total Program Costs             |                                | \$ | 36,001,242   |
|                                 |                                |    |              |
| Itemized Admin and R&D Expenses |                                |    |              |
|                                 | Labor                          |    | \$ 2,473,216 |
|                                 | Consultants                    |    | \$ 924,674   |
|                                 | R&D Project Costs              |    | \$ 318,228   |
|                                 | Sponsorships                   |    | \$ 16,969    |
|                                 | Expenses                       |    | \$ 17,477    |
|                                 | Shared Services                |    | \$ 10,051    |
|                                 | IT Services                    |    | \$ 68,434    |
|                                 | Misc. Equipment and Services   |    | \$ 35,342    |
|                                 | Forfeited C&I Project Deposits |    | \$ (5,408)   |

Workpaper SARWP7 is confidential. A copy of this material will be provided pursuant to the protective order issued in this docket.

PY 2021

| Utility     | Year | Sector | Program   | kW      | kWh        | kW % | kWh % | Priority | Priority Weight | Priority % | Blended % | kWh Cost  | Priority Cost | Blended Cost |
|-------------|------|--------|---|---------|------------|------|-------|----------|-----------------|------------|-----------|-----------|---------------|--------------|
| CenterPoint | 2021 | Com    | Advanced Lighting Commercial MTP                          | 196     | 1,044,835  | 0%   | 0%    | Low      | 1               | 2%         | 1%        | \$2,661   | \$11,483      | \$7,072      |
| CenterPoint | 2021 | Com    | Commercial Load Management Standard Offer Program         | 104,761 | 628,566    | 61%  | 0%    | Medium   | 3               | 6%         | 3%        | \$1,601   | \$34,448      | \$18,025     |
| CenterPoint | 2021 | Com    | Commercial MTP (SCORE, Healthcare, Data Center)           | 7,300   | 47,500,000 | 4%   | 22%   | High     | 5               | 11%        | 17%       | \$120,976 | \$57,414      | \$89,195     |
| CenterPoint | 2021 | Com    | Commercial Standard Offer Program                         | 11,700  | 75,000,000 | 7%   | 35%   | High     | 5               | 11%        | 23%       | \$191,015 | \$57,414      | \$124,214    |
| CenterPoint | 2021 | Com    | REP MTP (Commercial CoolSaver)                            | 550     | 1,400,000  | 0%   | 1%    | Low      | 1               | 2%         | 1%        | \$3,566   | \$11,483      | \$7,524      |
| CenterPoint | 2021 | Com    | Retro-Commissioning MTP                                   | 3,100   | 10,800,000 | 2%   | 5%    | Medium   | 3               | 6%         | 6%        | \$27,506  | \$34,448      | \$30,977     |
| CenterPoint | 2021 | HTR    | Hard-to-Reach Standard Offer Program                      | 876     | 915,251    | 1%   | 0%    | High     | 5               | 11%        | 6%        | \$2,331   | \$57,414      | \$29,872     |
| CenterPoint | 2021 | HTR    | Multi-Family MTP Hard-to-Reach                            | 325     | 645,000    | 0%   | 0%    | Low      | 1               | 2%         | 1%        | \$1,643   | \$11,483      | \$6,563      |
| CenterPoint | 2021 | LI     | Targeted Low Income MTP (Agencies in Action)              | 4,377   | 7,528,347  | 3%   | 4%    | High     | 5               | 11%        | 7%        | \$19,174  | \$57,414      | \$38,294     |
| CenterPoint | 2021 | Res    | Advanced Lighting Residential MTP                         | 3,725   | 19,851,862 | 2%   | 9%    | Low      | 1               | 2%         | 6%        | \$50,560  | \$11,483      | \$31,021     |
| CenterPoint | 2021 | Res    | CenterPoint Energy High Efficiency Home MTP               | 8,000   | 17,500,000 | 5%   | 8%    | Low      | 1               | 2%         | 5%        | \$44,570  | \$11,483      | \$28,026     |
| CenterPoint | 2021 | Res    | Commercial High Efficiency Foodservice MTP (Pilot)        | 470     | 4,082,215  | 0%   | 2%    | Low      | 1               | 2%         | 2%        | \$10,397  | \$11,483      | \$10,940     |
| CenterPoint | 2021 | Res    | Midstream MTP (HVAC and Pool Pump Distributor)            | 3,500   | 9,855,000  | 2%   | 5%    | Low      | 1               | 2%         | 3%        | \$25,099  | \$11,483      | \$18,291     |
| CenterPoint | 2021 | Res    | Multi-Family MTP Market Rate                              | 2,000   | 3,200,000  | 1%   | 2%    | Low      | 1               | 2%         | 2%        | \$8,150   | \$11,483      | \$9,816      |
| CenterPoint | 2021 | Res    | REP MTP (Residential CoolSaver and Efficiency Connection) | 2,600   | 7,000,000  | 2%   | 3%    | Low      | 1               | 2%         | 3%        | \$17,828  | \$11,483      | \$14,655     |
| CenterPoint | 2021 | Res    | Residential & Small Commercial Standard Offer Program     | 600     | 1,000,000  | 0%   | 0%    | High     | 5               | 11%        | 6%        | \$2,547   | \$57,414      | \$29,980     |
| CenterPoint | 2021 | Res    | Residential Load Management Standard Offer Program        | 17,550  | 105,300    | 10%  | 0%    | Medium   | 3               | 6%         | 3%        | \$268     | \$34,448      | \$17,358     |
| CenterPoint | 2021 | Res    | Smart Home Energy Management System (Pilot)               | 0       | 46,538     | 0%   | 0%    | Medium   | 3               | 6%         | 3%        | \$119     | \$34,448      | \$17,283     |
| CenterPoint | 2021 | Res    | Smart Thermostat Program                                  | 0       | 3,800,000  | 0%   | 2%    | Low      | 1               | 2%         | 2%        | \$9,678   | \$11,483      | \$10,580     |

**DOCKET NO. \_\_\_\_\_**

|                                      |          |                                  |
|--------------------------------------|----------|----------------------------------|
| <b>APPLICATION OF CENTERPOINT</b>    | <b>§</b> | <b>BEFORE THE</b>                |
| <b>ENERGY HOUSTON ELECTRIC, LLC</b>  | <b>§</b> |                                  |
| <b>FOR APPROVAL OF AN ADJUSTMENT</b> | <b>§</b> | <b>PUBLIC UTILITY COMMISSION</b> |
| <b>TO ITS ENERGY EFFICIENCY COST</b> | <b>§</b> |                                  |
| <b>RECOVERY FACTOR</b>               | <b>§</b> | <b>OF TEXAS</b>                  |

**DIRECT TESTIMONY OF**

**JOHN DURLAND**

**FOR**

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC**

**June 1, 2021**

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## TABLE OF EXHIBITS

| <b><u>Exhibit</u></b> | <b><u>Description</u></b>                   |
|-----------------------|---|
| Exhibit JRD-1         | Professional Qualifications of John Durland |
| Exhibit JRD-2         | Calculation of Rider EECRF Charges          |
| Exhibit JRD-3         | Rider EECRF – Annotated                     |
| Exhibit JRD-4         | Rider EECRF – Clean Copy                    |



**DIRECT TESTIMONY OF JOHN DURLAND**

**I. INTRODUCTION AND BACKGROUND**

**Q. PLEASE STATE YOUR NAME, POSITION, AND BUSINESS ADDRESS.**

A. My name is John Durland. I am the Manager of Rates for CenterPoint Energy Service Company, LLC. My business address is 1111 Louisiana St., Houston, Texas 77002.

**Q. PLEASE SUMMARIZE YOUR EDUCATION AND PROFESSIONAL EXPERIENCE.**

A. Exhibit JRD-1, included with this direct testimony, summarizes my education and professional experience.

**Q. WHAT ARE YOUR PRESENT RESPONSIBILITIES?**

A. My duties include the development and implementation of cost of service, cost allocation, rate design, and tariffs for energy delivery.

**Q. ON WHOSE BEHALF ARE YOU TESTIFYING?**

A. I am testifying on behalf of CenterPoint Energy Houston Electric, LLC ("CenterPoint Houston" or the "Company").

**Q. HAVE YOU PREVIOUSLY FILED TESTIMONY BEFORE THE PUBLIC UTILITY COMMISSION OF TEXAS ("COMMISSION")?**

A. Yes. I have previously filed testimony at the Commission. A list of these proceedings is provided in Exhibit JRD-1.

**Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?**

A. The purpose of my testimony is to explain and support: (1) the Company's energy efficiency costs included in its 2022 Rider EECRF; (2) the calculation of rates included in the Company's 2022 Rider EECRF for the various rate classes; and (3) the Company's 2022 Rider EECRF tariff.



1    **Q.    WHAT EXHIBITS HAVE YOU INCLUDED WITH YOUR TESTIMONY?**

2    A.    In addition to Exhibit JRD-1, I have included Exhibits JRD-2 (Calculation of Rider  
3           EECRF Charges), JRD-3 (Rider EECRF – Annotated), and JRD-4 (Rider EECRF –  
4           Clean Copy), all of which were prepared under my direct supervision.

5    **Q.    HOW DOES YOUR TESTIMONY RELATE TO THE DIRECT TESTIMONY**  
6           **OF CENTERPOINT HOUSTON WITNESS SHEA RICHARDSON?**

7    A.    My testimony primarily focuses on the design of the Company's Rider EECRF, and  
8           the underlying calculations used to determine the rates included in Rider EECRF.  
9           Mr. Richardson's testimony discusses the Company's estimated 2022 program costs,  
10          program designs, and historical program spending.

11                    **II. SUMMARY OF ENERGY EFFICIENCY COST RECOVERY**

12   **Q.    WHAT LEVEL OF ENERGY EFFICIENCY COSTS IS CENTERPOINT**  
13           **HOUSTON PROPOSING TO RECOVER THROUGH ITS RIDER EECRF IN**  
14           **2022?**

15   A.    In 2022, CenterPoint Houston is requesting to recover a total of \$63,367,922 through  
16           Rider EECRF. This amount includes:

- 17           • 2022 program costs;
- 18           • 2020 EECRF under-recovery;
- 19           • Under-recovery interest;
- 20           • The Company's earned performance bonus for 2020;
- 21           • 2020 EECRF rate case expenses for both the Company and participating  
22           municipalities; and

- Evaluation, Measurement & Verification (“EM&V”) costs for 2022 program years that were allocated to CenterPoint Houston by the Commission Staff.

**Q. PLEASE PROVIDE AN ACCOUNTING OF THE TOTAL EECRF COSTS BY CATEGORY.**

A. Please see Table 1 below:

**Table 1 – EECRF COSTS**

|                               |                       |
|-------------------------------|-----------------------|
| 2022 Program Costs            | \$37,713,993          |
| 2020 Under-Recovery           | \$2,930,333           |
| Under-Recovery Interest       | \$93,456              |
| 2020 Earned Performance Bonus | \$22,021,388          |
| 2022 EM&V Costs               | \$539,688             |
| 2020 EECRF Rate Case Expenses | \$69,063 <sup>1</sup> |
| Total:                        | \$63,367,922          |

### **III. CALCULATION OF RIDER EECRF CHARGES**

**Q. HOW DID YOU CALCULATE THE PROPOSED RIDER EECRF CHARGES?**

A. Consistent with 16 TAC §§ 25.181 and 25.182, the Rider EECRF charges are the sum of: (1) the Company’s 2022 energy efficiency program costs, including an adjustment to the amount collected through rates in 2020 noted below; (2) a charge for the under-recovery of 2020 energy efficiency program costs; (3) a charge for the under-recovery interest related to the 2020 under-recovery; (4) the 2020 energy efficiency program performance bonus earned by the Company; (5) 2022 EM&V costs; and (6) 2020 EECRF rate case expenses. These cost categories comprise the total energy efficiency

<sup>1</sup> This amount includes both the Company’s incurred expenses for its 2020 EECRF proceeding, *Application of CenterPoint Energy Houston Electric, LLC for Approval of an Adjustment to Its Energy Efficiency Cost Recovery Factor*, Docket No. 50908 (Oct. 16, 2020), and the expenses incurred by municipalities that participated in that proceeding. Pursuant to 16 Tex. Admin. Code (“TAC”) § 25.181(g), EECRF proceeding expenses are considered administrative expenses, which are included in the Company’s 2021 program costs calculation; however, in its Application, the Company has presented these expenses separately so that they are more easily identifiable.

program revenue requirement, which is then divided by forecasted billing determinants for each rate class to arrive at the specific rates for each rate class. The Company's total EECRF revenue requirement request is \$63,367,922. The resulting proposed Rider EECRF charges are shown in Schedule A of Exhibit JRD-2.

**Q. ARE THE EECRF COSTS ASSIGNED OR ALLOCATED TO RATE CLASSES REASONABLE AND CONSISTENT WITH PURA § 39.905(b)(4) AND 16 TAC § 25.182?**

A. Yes. PURA § 39.905(b)(4)<sup>2</sup> directs the Commission to provide oversight and adopt rules for the energy-efficiency program, including ensuring that the costs associated with the program and any earned performance bonus are borne by the rate classes that receive the services under the program. As discussed in my testimony, the costs assigned or allocated to rate classes are reasonable and consistent with PURA and 16 TAC § 25.182(d)(2), and they should be approved by the Commission.

#### **IV. 2022 PROGRAM COSTS ALLOCATION**

**Q. WHAT IS THE TOTAL AMOUNT OF PROJECTED 2022 PROGRAM COSTS THE COMPANY IS SEEKING TO RECOVER IN THIS PROCEEDING?**

A. The Company is seeking to recover \$37,713,993 in program costs for its 2022 program year. This amount includes the projected cost of incentives, all actual or allocated research and development costs, and administration costs related to the Company's 2022 energy efficiency programs. In addition, the Company is requesting recovery of \$69,063 for 2020 Company and municipal EECRF rate case expenses, which are considered administrative expenses under 16 TAC § 25.181(g).

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<sup>2</sup> Public Utility Regulatory Act, Tex. Util. Code Ann. §§ 11.001-66.016 (Supp.).

1   **Q.    HOW DOES CENTERPOINT HOUSTON PROPOSE TO ALLOCATE ITS**  
2       **2022 ENERGY EFFICIENCY PROGRAM COSTS AMONG THE VARIOUS**  
3       **RATE CLASSES?**

4    A.    16 TAC § 25.182(d)(2) requires that EECRF costs be directly assigned to each rate  
5       class that receives services under the programs to the maximum reasonable extent  
6       possible. The Company has made a direct assignment of the costs of each of its 2022  
7       energy efficiency programs to the appropriate rate classes to the maximum extent  
8       reasonably possible. This calculation is provided in Exhibit JRD-2, Schedule B.

9   **Q.    PLEASE EXPLAIN THE DIFFERENCE BETWEEN A RATE CLASS AND A**  
10       **CUSTOMER CLASS.**

11   A.    16 TAC § 25.182(c)(2) defines a rate class as the retail rate classes approved in the  
12       utility's most recent base rate proceeding, excluding non-eligible customers. A  
13       customer class is a generic designation used to differentiate residential, commercial,  
14       and industrial customers.

15   **Q.    HAVE 2022 PROGRAM COSTS BEEN DIRECTLY ASSIGNED AS**  
16       **REQUIRED BY THE RULE?**

17   A.    Yes. All costs that are directly assignable to a specific rate class have been directly  
18       assigned.

19   **Q.    DOES THE COMPANY HAVE ANY PROJECTED 2022 PROGRAM COSTS**  
20       **THAT ARE NOT DIRECTLY ASSIGNABLE TO A SPECIFIC RATE CLASS?**

21   A.    Yes. Some of the Company's administration expenses are not directly assignable to  
22       specific rate classes because they are not directly related to any specific program or rate

1 class but, rather, are related to administration of the Company's entire energy efficiency  
2 program.

3 **Q. WHAT IS THE TOTAL ADMINISTRATIVE EXPENSE ASSOCIATED WITH**  
4 **THE COMPANY'S 2022 ENERGY EFFICIENCY PROGRAMS?**

5 A. The Company's total requested projected administrative expense for 2022 is  
6 \$4,315,289.<sup>3</sup> This includes all reasonable and necessary costs incurred by the  
7 Company to administer its programs as well as all related research and development  
8 costs.

9 **Q. HAS THE COMPANY COMPLIED WITH 16 TAC § 25.182(d) IN**  
10 **ALLOCATING THESE ADMINISTRATIVE EXPENSES TO THE**  
11 **APPROPRIATE RATE CLASSES FOR 2020 EXPENSES?**

12 A. Yes. The non-assignable administrative expenses were allocated among the programs  
13 in proportion to the Company's 2020 actual program costs, consistent with 16 TAC  
14 § 25.182(d)(10)(F). The allocation of non-assignable administrative expenses of the  
15 Company's administrative expense is contained within the program costs shown in the  
16 workpapers supporting the schedules attached as Exhibit JRD-2, Schedule F to my  
17 testimony.

18 **Q. DOES THE COMPANY HAVE ANY DIRECTLY ASSIGNED**  
19 **ADMINISTRATIVE EXPENSE ADJUSTMENTS?**

20 A. No.

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<sup>3</sup> See Direct Testimony of Shea A. Richardson, Ex. SAR-1 at 25, CenterPoint Houston's Revised Energy Efficiency Plan and Report, Table 6 (Jun. 1, 2021).

**V. 2022 EM&V COSTS**

**Q. HOW DOES 16 TAC § 25.181 ADDRESS THE RECOVERY OF EM&V COSTS THROUGH EECRF RATES?**

A. Per 16 TAC § 25.181(o)(10), all utilities are assigned EM&V costs in proportion to their annual program costs.

**Q. WHAT AMOUNT OF EM&V COSTS HAS BEEN ASSIGNED TO CENTERPOINT HOUSTON FOR 2022?**

A. As noted in the testimony of Mr. Richardson, the amount assigned to CenterPoint Houston by Commission Staff for 2022 is \$539,688.

**Q. HAS THE COMPANY INCLUDED RECOVERY OF ITS ASSIGNED EM&V AMOUNT IN THE PROPOSED RIDER EECRF?**

A. Yes.

**Q. HOW ARE THESE COSTS ALLOCATED TO THE VARIOUS RATE CLASSES?**

A. These costs are allocated to the rate classes in proportion to actual program costs in 2020.

**VI. PERFORMANCE BONUS**

**Q. DID CENTERPOINT HOUSTON EARN A BONUS FOR ITS 2020 PROGRAM PERFORMANCE?**

A. Yes. Consistent with the standard articulated in 16 TAC § 25.182(e), the Company's performance bonus for 2020 program performance is \$22,021,388. Calculation of the Company's net benefits and performance bonus for the 2020 program year is shown in Schedule E of Exhibit JRD-2.

1    **Q.     HOW WAS THE BONUS CALCULATED?**

2    A.     The Company calculated the 2020 performance bonus using the prescribed method  
3           detailed in 16 TAC §§ 25.181(d)(3)(A) and 25.182(e). In accordance with that  
4           methodology, the value of kWh and kW determined by the Electric Reliability Council  
5           of Texas (“ERCOT”) and approved by the Commission in Project No. 38578 is  
6           weighed against the cost to obtain the kWh and kW in determining the cost vs benefit  
7           for customers. For the 2020 program year, using the methodology required in 16 TAC  
8           § 25.181(d)(3)(A), the weighted average avoided cost of energy approved by ERCOT  
9           and the Commission was \$113.66 per MWh or \$0.11366 per kWh.

10   **Q.     WHAT IMPACT DID THE AVOIDED COST OF ENERGY APPROVED BY**  
11       **THE COMMISSION FOR THE 2020 PROGRAM YEAR HAVE ON THE**  
12       **COMPANY’S PERFORMANCE BONUS?**

13       The higher value of energy in the ERCOT market led to an increased value of avoided  
14       consumption in 2020, increasing the value of all Texas energy efficiency programs,  
15       and most utility performance bonuses.

16   **Q.     HAS THIS AMOUNT BEEN INCLUDED IN THE PROPOSED EECRF**  
17       **CHARGES REQUESTED IN THIS APPLICATION?**

18   A.     Yes.

19   **Q.     PLEASE DESCRIBE HOW THE PERFORMANCE BONUS IS ALLOCATED.**

20   A.     CenterPoint Houston has allocated its 2020 performance bonus of \$22,021,388 to rate  
21       classes in proportion to the 2020 program costs associated with meeting the demand  
22       and energy goals, per 16 TAC § 25.182(e)(6).

**VII. EECRF COST CAPS**

**Q. WHAT WERE THE COMPANY'S OVERALL EECRF RESIDENTIAL AND COMMERCIAL COST CAPS FOR 2020?**

A. The cost caps were \$0.001332 for Residential and \$0.000833 for Commercial.

**Q. HOW DID THE COMPANY CALCULATE ITS OVERALL 2022 COST CAPS?**

A. For the 2016 program year and thereafter, the residential and commercial cost caps are increased or decreased by a rate equal to the most recently available calendar year's percentage change in the South urban CPI, as determined by the Federal Bureau of Labor Statistics. The calculation is provided in the workpaper file labelled JRDWP1 EECRF Cost Cap Calculation for 2022.

**Q. ARE CENTERPOINT HOUSTON'S PROPOSED RATES UNDER THE OVERALL COST CAPS REQUIRED BY 16 TAC § 25.182(D)(7)?**

A. Yes.

**VIII. (OVER)/UNDER-RECOVERY OF 2020 EECRF COSTS**

**Q. PLEASE DESCRIBE THE CALCULATION FOR UNDER-RECOVERY OF 2020 PROGRAM COSTS.**

A. For 2020, the Company's EECRF rates were designed to recover \$35,401,638 in energy efficiency costs. This consisted of \$37,820,991 in forecasted program costs, a performance bonus of \$6,738,428, a previous period over-recovery of \$5,920,293, interest on the previous period over-recovery of \$181,214, 2020 EM&V costs of \$550,514, 2018 settlement adjustment to reduce the amount in rates collected through the EECRF tariff of \$3,700,000 and rate case expenses of \$93,211.<sup>4</sup> These amounts

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<sup>4</sup> *Id.* at 37.



were approved by the Commission in Docket No. 49583.<sup>5</sup> In 2020, the Company's actual program costs were \$36,001,242 plus actual EM&V costs of \$550,514 for \$36,551,756 or approximately \$1.8 million less than those similar costs authorized in the Commission's Final Order in Docket No. 49583. However, because parties agreed via settlement in Docket No. 49583 to design the EECRF rates to collect \$3,700,000 less than they otherwise normally would (thereby reducing the total amount collected through the 2020 EECRF tariff) the actual recovery was much less. When taking into account the program costs, the performance bonus, the previous period over-recovery, interest on the previous period over-recovery, the EM&V costs and the rate case expenses, the Company's total actual energy efficiency-related program costs were \$37,281,888 in 2020. Total revenues collected through the EECRF Rider were only \$34,351,554, resulting in an overall under-recovery of \$2,930,333. The calculation for under-recovery of 2020 program costs is provided in Exhibit JRD-2, Schedule H.

**Q. HOW HAS THE COMPANY ASSIGNED THE UNDER-RECOVERY AMOUNT TO THE VARIOUS RATE CLASSES?**

A. Pursuant to 16 TAC §25.182(d)(2), an under- or over-recovery of costs shall be calculated as the difference between actual EECRF revenues and actual costs for each specific rate class. The Company has followed this methodology and allocated any under- or over-recovery directly to the rate classes from which those costs were under- or over-recovered in proportion to their actual program costs in 2020. The calculation is provided in Exhibit JRD-2, Schedule H, page 2.

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<sup>5</sup> *Id.*

1    **Q.    WERE THERE ANY ADDITIONAL AMOUNTS ASSOCIATED WITH THE**  
2           **UNDER-RECOVERY AMOUNT?**

3    A.    Yes. Pursuant to 16 TAC § 25.182(d)(2), the Company has calculated interest on its  
4           under-recovery in the amount of \$91,055. This amount represents the 2020 (2.35%)  
5           interest applied to the under-recovery and the 2021 (0.82%) interest applied to the total  
6           of the under-recovery with the included 2020 interest. The calculation is provided in  
7           Exhibit JRD-2, Schedule H, page 2.

8    **Q.    HOW HAS THE COMPANY ASSIGNED THE INTEREST ASSOCIATED**  
9           **WITH THE UNDER-RECOVERY AMOUNT TO THE VARIOUS RATE**  
10          **CLASSES?**

11   A.    The Company has followed the same methodology as the under-recovery costs above  
12          and is provided in Exhibit JRD-2, Schedule H, page 2.

13                                   **IX.    COMPLIANCE WITH 16 TAC § 25.182(d)(4)**

14   **Q.    WERE ANY OF THE COMPANY'S ENERGY EFFICIENCY PROGRAM**  
15          **COSTS IN 2020 RECOVERED THROUGH BASE RATES?**

16   A.    No. All of the Company's 2020 energy efficiency program costs were collected  
17          through its EECRF.

18                                   **X.    BILLING DETERMINANTS**

19   **Q.    WHAT BILLING DETERMINANTS ARE USED TO CALCULATE THE**  
20          **PROPOSED RIDER EECRF CHARGES?**

21   A.    I have designed the Company's 2022 EECRF charges on a per kWh (energy) basis.  
22          The calculation of billing determinants for each rate class is included in Schedule G of  
23          Exhibit JRD-2.

1    **Q.    OVER WHAT TIME PERIOD ARE THE BILLING DETERMINANTS**  
2    **FORECASTED?**

3    A.    I have designed Rider EECRF with an effective date of March 1, 2022, and used  
4    forecasted billing units from March 2022 through February 2023. Schedule G of  
5    Exhibit JRD-2 provides forecasted billing units by month and the latest annual actual  
6    billing units at the time of filing.

7    **Q.    DID CENTERPOINT HOUSTON RECEIVE ANY OPT-OUT APPLICATIONS**  
8    **FROM DISTRIBUTION-LEVEL INDUSTRIAL CUSTOMERS?**

9    A.    Yes. Pursuant to 16 TAC § 25.181(u), industrial customers taking service at  
10    distribution voltage may opt-out of participation in energy efficiency programs if they  
11    submit timely notice to the Company identifying the distribution accounts for which  
12    they elect to opt-out. A total of one industrial customer opted-out of participation in  
13    the Company's 2020 energy efficiency programs through the identification notice  
14    process provided in the rule. Customers are opted-out for three years before having to  
15    file an updated notice. For the 2021 energy efficiency program year, a total of 36  
16    industrial customer opted-out for the next three years. For the 2022 energy efficiency  
17    program year, a total of 5 industrial customers opted-out for the next three years. Thus,  
18    a total of 42 industrial customers have opted-out for the 2022 energy efficiency  
19    program year. These customers account for approximately 1.0 million kWh per year.

20   **Q.    HOW IS THE KWH ASSOCIATED WITH THESE OPT-OUT CUSTOMERS**  
21   **REFLECTED IN THIS FILING?**

22   A.    The load associated with these opt-out customers has been removed from the  
23   calculation of the energy efficiency demand reduction goals pursuant to 16 TAC

§ 25.181(u). The Company has also removed the associated kWh from the billing determinant forecasts used to establish the EECRF rates. The calculation and reduction detail of the customer opt-outs can be found in the Summary of Rates tab of the Confidential EECRF Billing Determinants 2021 (2022-25) file attached as a workpaper to my testimony.

**Q. WERE SYSTEM LOSSES OR LINE LOSSES USED IN CALCULATING THE RIDER EECRF CHARGES?**

A. No. The proposed EECRF rates are based solely on energy usage at the meter and require no adjustment for system losses or line losses.

**Q. IS THE COMPANY'S ESTIMATE OF ITS BILLING DETERMINANTS FOR 2022 REASONABLE?**

A. Yes. The Company's billing determinant forecast has used the methodology as in each EECRF proceeding since 2009, and the Commission has found that its calculation of billings determinants was reasonable in each case.

# **XI. TARIFF FOR RETAIL DELIVERY SERVICE**

**Q. HAVE YOU PREPARED AN UPDATED RIDER EECRF TO BE INCLUDED IN THE TARIFF FOR RETAIL DELIVERY SERVICE?**

A. Yes. Exhibit JRD-4 presents the updated Rider EECRF rate schedule, which shows the Rider EECRF charges by rate class consistent with 16 TAC § 25.182.

**Q. WHAT IS THE PROPOSED EFFECTIVE DATE OF THE UPDATED RIDER EECRF?**

A. Pursuant to 16 TAC § 25.182(d)(8), the Company proposes an effective date of March 1, 2022.

**XII. SUMMARY AND RECOMMENDATIONS**

**Q. PLEASE SUMMARIZE YOUR TESTIMONY AND RECOMMENDATIONS.**

A. The adjustments to Rider EECRF are consistent with the Commission's Substantive Rules and the Commission's applicable decisions in previous CenterPoint Houston EECRF cases. The proposed 2022 Rider EECRF is calculated correctly. I recommend approval of the adjusted Rider EECRF with an effective date of March 1, 2022.

**Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

A. Yes.

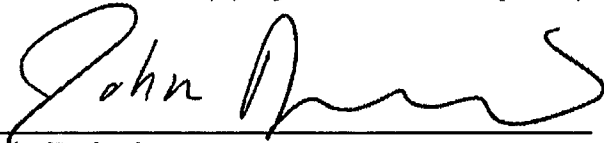
**AFFIDAVIT**

**The State of Texas       §**

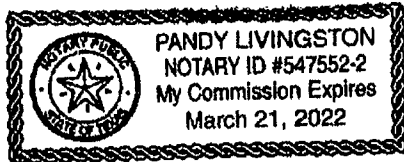
**County of Harris       §**

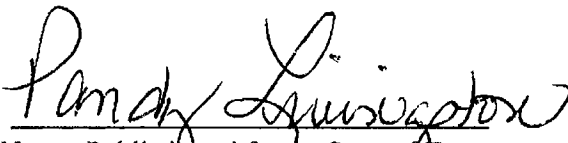
BEFORE ME, the undersigned notary public, this day personally appeared John Durland, to me known, whom being duly sworn according to law, deposes and says:

“My name is John Durland. I am of legal age and a resident of the State of Texas. The foregoing testimony and the opinions stated therein are, in my judgment and based upon my professional experience, true and correct.”

  
John Durland

SWORN TO AND SUBSCRIBED before me on the 27<sup>th</sup> day of May, 2021.



  
Notary Public in and for the State of Texas

**John Durland  
Manager of Rates  
CenterPoint Energy Service Company, LLC  
1111 Louisiana Street, Houston, Texas 77002**

**CURRENT RESPONSIBILITIES (2018 – Present)**

Overall responsibilities include assisting in the development and implementation of strategy around cost of service, cost allocation, rate design, and tariffs for delivery rates in the ERCOT and Texas jurisdictions.

**PREVIOUS PROFESSIONAL EMPLOYMENT**

CenterPoint Energy Service Company, LLC, 2016-2018  
Manager of Energy Efficiency Compliance

CPS Energy, 2010 – 2016  
Energy Efficiency Programs Manager

**EDUCATION**

Texas A&M Kingsville, MBA  
Eastern Kentucky University, BBA

**PREVIOUS TESTIMONY:**

**Public Utility Commission of Texas**

**Docket No. 50508** – *Application of CenterPoint Energy Houston Electric, LLC for Approval of an Adjustment to its Energy Efficiency Cost Recovery Factor*

**Docket No. 50653** – *Application of CenterPoint Energy Houston Electric, LLC For Interim Update of Wholesale Transmission Rates*

**Docket No. 49583** – *Application of CenterPoint Energy Houston Electric, LLC for Approval of an Adjustment to its Energy Efficiency Cost Recovery Factor*

**Docket No. 48420** – *Application of CenterPoint Energy Houston Electric, LLC for Approval of an Adjustment to its Energy Efficiency Cost Recovery Factor*

**Docket No. 47232** – *Application of CenterPoint Energy Houston Electric, LLC for Approval of an Adjustment to its Energy Efficiency Cost Recovery Factor*

Exhibit JRD-2  
CenterPoint Energy Houston Electric March 2022 Annual EECRF Filing  
Docket No.  
Schedules A - I

| <u>Schedule</u>     | <u>Description</u>  |
|---------------------|---|
| Schedule A          | Calculation of 2022 Rider EECRF   |
| Schedule B          | 2022 Energy Efficiency Program Costs  |
| Schedule C          | 2020 kWh Savings  |
| Schedule C WP1:     | 2020 kW and kWh savings breakout  |
| Schedule D          | 2020 kW Savings   |
| Schedule E          | Calculation of 2020 Performance Bonus (By Rate Class)   |
| Schedule E WP1:     | Calculation of Performance Bonus based on 2020 Performance  |
| Schedule F          | Calculation of 2022 EM&V Costs (By Rate Class)  |
| Schedule F PG2:     | Calculation of 2020 Rate Case Expenses (By Rate Class)  |
| Schedule F PG3:     | Calculation of 2020 Administrative Expense Adjustments (By Rate Class)  |
| Schedule G PG1-PG4  | Rider EECRF Billing Determinants (includes opt-out customers removed from the commercial class)                     |
| Schedule H PG1, PG2 | Calculation of Over/Under Amounts for Over/Under Recovery of Energy Efficiency Costs and Allocation to Rate Classes |
| Schedule I          | 2020 Actual Expenditures (By Rate Class)  |



Schedule A

CLINT POINT ENERGY HOUSTON ELECTRIC, LLC  
Calculation of Rider ELCRF (Energy Efficiency Cost Recovery Factor)  
Effective March 2022 - February 2023 Billing Months

| Customer Class                       | 2021 Energy Efficiency Costs | 2019 Performance Bonus Recovery | 2019 (Over) Under-Recovery of Program Costs and Revenue | 2020 (Over) Under-Recovery Interest | 2022 Rider EL CRF Recovery   | 2022 - 2023 Billing Determinants | Preliminary Rider EL CRF Charges | 2022 EM&V Costs   | 2020 CEI/E Rate Case Expenses | 2020 Mun. Rate Case Exp. | 2020 Administrative Expenses Adjustments | 2022 Total Rider EECRF Recovery       | Total 2022 - 2023 Billable Determinants | Total Rider EL CRF Charges Effective March 1, 2022 |
|--------------------------------------|------------------------------|---------------------------------|---|-------------------------------------|------------------------------|----------------------------------|----------------------------------|-------------------|-------------------------------|--------------------------|--|---------------------------------------|---|--|
|                                      | (1)                          | (2)                             | (3)   | (4)                                 | (5)<br>(1) - (2) - (3) + (4) | (6)                              | (7)<br>(5) - (6)                 | (8)               | (9)                           | (10)                     | (11)                                     | (12)<br>(5) + (8) - (9) - (10) + (11) | (13)                                    | (14)<br>(12) - (13)                                |
| Residential                          | \$ 18,275,650                | \$ 11,104,835                   | \$ 895,457  | \$ 28,359                           | \$ 30,304,500                | \$1,094,421,049                  | \$0.000975                       | \$ 218,370        | \$ 22,540                     | \$ 12,287                | \$ -                                     | \$ 30,557,697                         | \$1,094,421,049                         | \$0.000983   |
| Secondary < 10 kVA                   | \$ 632,489                   | \$ 417,305                      | \$ 44,342   | \$ 1,414                            | \$ 1,095,551                 | \$1,042,351,207                  | \$0.001051                       | \$ 20,752         | \$ 847                        | \$ 462                   | \$ -                                     | \$ 1,117,612                          | \$1,042,351,207                         | \$0.001072   |
| Secondary > 10 kVA                   | \$ 15,080,702                | \$ 7,966,069                    | \$ 458,205  | \$ 14,613                           | \$ 23,519,590                | \$2,189,254,266                  | \$0.000731                       | \$ 229,420        | \$ 16,169                     | \$ 8,314                 | \$ -                                     | \$ 23,773,993                         | \$2,189,254,266                         | \$0.000739   |
| Primary Service                      | \$ 3,621,135                 | \$ 2,472,910                    | \$ 1,501,599  | \$ 47,890                           | \$ 7,643,584                 | \$4,001,222,289                  | \$0.001910                       | \$ 70,434         | \$ 5,019                      | \$ 2,736                 | \$ -                                     | \$ 7,721,773                          | \$4,001,222,289                         | \$0.001930   |
| Transmission Non-Profit Governmental | \$ 103,957                   | \$ 60,269                       | \$ 30,794   | \$ 982                              | \$ 196,012                   | \$69,000,000                     | \$0.000226                       | \$ 712            | \$ 122                        | \$ 67                    | \$ -                                     | \$ 196,913                            | \$69,000,000                            | \$0.000227   |
| Transmission Services                | \$ -                         | \$ -                            | \$ -  | \$ -                                | \$ -                         | \$2,747,286,201                  | \$0.000000                       | \$ -              | \$ -                          | \$ -                     | \$ -                                     | \$ -                                  | \$2,747,286,201                         | \$0.000000   |
| Lighting                             | \$ -                         | \$ -                            | \$ (64)   | \$ (2)                              | \$ (66)                      | \$247,992,548                    | \$0.000000                       | \$ -              | \$ -                          | \$ -                     | \$ -                                     | \$ (66)                               | \$247,992,548                           | \$0.000000   |
| <b>Total</b>                         | <b>\$ 37,713,993</b>         | <b>\$ 22,021,388</b>            | <b>\$ 2,930,333</b>                                     | <b>\$ 93,456</b>                    | <b>\$ 62,759,171</b>         | <b>\$2,191,527,561</b>           |                                  | <b>\$ 539,688</b> | <b>\$ 44,698</b>              | <b>\$ 24,365</b>         | <b>\$ -</b>                              | <b>\$ 63,367,922</b>                  | <b>\$2,191,527,561</b>                  |  |
| <b>Check</b>                         | <b>\$ 37,713,993</b>         | <b>\$ 22,021,388</b>            | <b>\$ 2,930,333</b>                                     | <b>\$ 93,456</b>                    | <b>\$ 62,759,171</b>         | <b>\$2,191,527,561</b>           |                                  | <b>\$ 539,688</b> | <b>\$ 44,698</b>              | <b>\$ 24,365</b>         | <b>\$ -</b>                              | <b>\$ 63,367,922</b>                  | <b>\$2,191,527,561</b>                  |  |

|             | Charge per kWh (includes Rate Case Exp. & Admin. Adjust.) | 2014 Cost Caps per kWh (includes 2.12% CPI) | 2015 Cost Caps per kWh (includes 1.56% CPI) | 2016 Cost Caps per kWh (includes 1.69% CPI) | 2017 Cost Caps per kWh (does not include - 18% CPI) | 2018 Cost Caps per kWh (includes 1.11% CPI) | 2019 Cost Caps per kWh (includes 2.05% CPI) | 2020 Cost Caps per kWh (includes 2.22% CPI) | 2021 Cost Caps per kWh (includes 1.45% CPI) | 2022 Cost Caps per kWh (includes 96% CPI) |              |
|-------------|---|---|---|---|---|---|---|---|---|---|--------------|
| Residential | \$0.000974  | \$0.001225                                  | \$0.001244                                  | \$0.001266                                  | \$0.001266  | \$0.001277                                  | \$0.001303                                  | \$0.001332                                  | \$0.001351                                  | \$0.001364                                | Satisfactory |
| Commercial  | \$0.000851  | \$0.000766                                  | \$0.000778                                  | \$0.000791                                  | \$0.000791  | \$0.000798                                  | \$0.000815                                  | \$0.000833                                  | \$0.000845                                  | \$0.000853                                | Satisfactory |

2022 Energy Efficiency Program Costs - CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule B

| 2022 EE Costs per Program for EECRF                   | Program Amount:      | RESIDENTIAL         | SECONDARY < 10 kVA           | SECONDARY > 10 kVA           | PRIMARY                | TRANSMISSION                | TOTAL               |
|---|----------------------|---------------------|------------------------------|------------------------------|------------------------|-----------------------------|---------------------|
| <b>Commercial:</b>                                    | <b>\$ 19,438,343</b> |                     |                              |                              |                        |                             |                     |
| Commercial Standard Offer Program (SOP)               |                      | \$ -                | \$ 123,500                   | \$ 4,674,284                 | \$ 2,274,263           | \$ -                        | \$ 7,072,047        |
| Commercial MTP (SCORE, Healthcare, Data Center)       |                      | \$ -                | \$ 415,499                   | \$ 5,302,551                 | \$ 733,079             | \$ -                        | \$ 6,451,130        |
| Commercial Load Management (SOP)                      |                      | \$ -                | \$ -                         | \$ 2,905,640                 | \$ 570,824             | \$ 98,181                   | \$ 3,574,645        |
| Retro-Commissioning MTP                               |                      | \$ -                | \$ -                         | \$ 1,018,320                 | \$ 262                 | \$ -                        | \$ 1,018,582        |
| REP (Commercial CoolSaver)                            |                      | \$ -                | \$ 5,078                     | \$ 134,146                   | \$ -                   | \$ -                        | \$ 139,224          |
| Advanced Lighting Commercial                          |                      | \$ -                | \$ 54,471                    | \$ -                         | \$ -                   | \$ -                        | \$ 54,471           |
| Mid-Stream MTP (Commercial Kitchen Equipment)         |                      | \$ -                | \$ 31,962                    | \$ 844,338                   | \$ -                   | \$ -                        | \$ 876,300          |
| R&D   |                      | \$ -                | \$ 1,979                     | \$ 201,422                   | \$ 42,758              | \$ 5,785                    | \$ 251,944          |
| <b>Residential:</b>                                   | <b>\$ 12,648,727</b> |                     |                              |                              |                        |                             |                     |
| REP (Residential CoolSaver and Efficiency Connection) |                      | \$ 1,298,779        |                              |                              |                        |                             | \$ 1,298,779        |
| Residential Demand Response SOP                       |                      | \$ 972,800          |                              |                              |                        |                             | \$ 972,800          |
| CenterPoint Energy High Efficiency Homes MTP          |                      | \$ 4,477,856        |                              |                              |                        |                             | \$ 4,477,856        |
| Residential & Small Commercial (SC) SOP               |                      | \$ 356,591          |                              |                              |                        |                             | \$ 356,591          |
| Advanced Lighting Residential                         |                      | \$ 1,034,955        |                              |                              |                        |                             | \$ 1,034,955        |
| Mid-Stream MTP (A/C and Pool Pump Distributor)        |                      | \$ 2,772,443        |                              |                              |                        |                             | \$ 2,772,443        |
| Multi-Family MTP                                      |                      | \$ 841,523          |                              |                              |                        |                             | \$ 841,523          |
| Smart Thermostat Program (Pilot)                      |                      | \$ 645,724          |                              |                              |                        |                             | \$ 645,724          |
| Smart Home Energy Management System (Pilot)           |                      | \$ -                |                              |                              |                        |                             | \$ -                |
| R&D   |                      | \$ 248,056          |                              |                              |                        |                             | \$ 248,056          |
| <b>Hard-to-Reach:</b>                                 | <b>\$ 5,626,923</b>  |                     |                              |                              |                        |                             |                     |
| Hard-to-Reach SOP                                     |                      | \$ 627,769          |                              |                              |                        |                             | \$ 627,769          |
| Multi-Family MTP (HTR)                                |                      | \$ 551,903          |                              |                              |                        |                             | \$ 551,903          |
| Targeted Low Income MTP (Agencies in Action)          |                      | \$ 4,447,251        |                              |                              |                        |                             | \$ 4,447,251        |
| <b>TOTAL</b>  |                      | <b>\$18,275,650</b> | <b>\$632,489</b>             | <b>\$15,080,702</b>          | <b>\$3,621,185</b>     | <b>\$103,967</b>            | <b>\$37,713,993</b> |
| <b>Breakout of Planned 2022 Program Expenditures:</b> |                      |                     |                              |                              |                        |                             |                     |
|   |                      | <b>RESIDENTIAL</b>  | <b>SECONDARY &lt; 10 kVA</b> | <b>SECONDARY &gt; 10 kVA</b> | <b>PRIMARY VOLTAGE</b> | <b>TRANSMISSION VOLTAGE</b> |                     |
| <b>2022 TOTAL - ALL PROGRAMS</b>                      |                      | <b>\$18,275,650</b> | <b>\$632,489</b>             | <b>\$15,080,702</b>          | <b>\$3,621,185</b>     | <b>\$103,967</b>            | <b>\$37,713,993</b> |
|   |                      | <b>48.46%</b>       | <b>1.68%</b>                 | <b>39.99%</b>                | <b>9.60%</b>           | <b>0.28%</b>                |                     |

2020 kWh Savings - CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule C

| 2020 kWh Savings                                      | RESIDENTIAL        | SECONDARY < 10<br>kVA            | SECONDARY > 10<br>kVA            | PRIMARY<br>VOLTAGE         | TRANSMISSION<br>VOLTAGE         |
|---|--------------------|----------------------------------|----------------------------------|----------------------------|---------------------------------|
| <b>Large Commercial</b>                               |                    |                                  |                                  |                            |                                 |
| Commercial Standard Offer Program (SOP)               | -                  | 769,363                          | 40,076,522                       | 12,010,118                 | -                               |
| Commercial MTP (SCORE, Healthcare, Data Center)       | -                  | 2,401,269                        | 23,325,161                       | 4,263,327                  | -                               |
| Commercial Load Management (SOP)                      | -                  | -                                | 485,236                          | 95,326                     | 16,396                          |
| Retro-Commissioning MTP                               | -                  | -                                | 6,173,582                        | 286,649                    | -                               |
| REP (Commercial CoolSaver)                            | -                  | 19,401                           | 625,243                          | -                          | -                               |
| Advanced Lighting Commercial                          | -                  | 1,710,478                        | -                                | -                          | -                               |
| <b>Residential and Small Commercial Customers:</b>    |                    |                                  |                                  |                            |                                 |
| CenterPoint Energy High Efficiency Homes MTP          | 29,870,174         | -                                | -                                | -                          | -                               |
| Residential & Small Commercial (SC) SOP               | 1,286,822          | -                                | -                                | -                          | -                               |
| Smart Thermostat Program (Pilot)                      | 2,741,600          | -                                | -                                | -                          | -                               |
| Advanced Lighting Residential                         | 32,499,087         | -                                | -                                | -                          | -                               |
| Mid-Stream MTP (A/C and Pool Pump Distributor)        | 10,308,961         | -                                | -                                | -                          | -                               |
| REP (Residential CoolSaver and Efficiency Connection) | 3,388,349          | -                                | -                                | -                          | -                               |
| Residential Demand Response SOP                       | 123,312            |                                  |                                  |                            |                                 |
| Multi-Family MTP                                      | 7,324,460          | -                                | -                                | -                          | -                               |
| <b>Hard-to-Reach Customers:</b>                       |                    |                                  |                                  |                            |                                 |
| Hard-to-Reach SOP                                     | 1,022,189          | -                                | -                                | -                          | -                               |
| Multi-Family MTP HTR                                  | 990,290            | -                                | -                                | -                          | -                               |
| Targeted Low Income MTP (Agencies in Action)          | 7,774,579          |                                  |                                  |                            |                                 |
| <b>TOTALS</b>   | <b>97,329,821</b>  | <b>4,900,511</b>                 | <b>70,685,745</b>                | <b>16,655,420</b>          | <b>16,396</b>                   |
|   | <b>RESIDENTIAL</b> | <b>SECONDARY &lt; 10<br/>kVA</b> | <b>SECONDARY &gt; 10<br/>kVA</b> | <b>PRIMARY<br/>VOLTAGE</b> | <b>TRANSMISSION<br/>VOLTAGE</b> |
| <b>2020 kWh Savings - ALL PROGRAMS</b>                | <b>97,329,821</b>  | <b>4,900,511</b>                 | <b>70,685,745</b>                | <b>16,655,420</b>          | <b>16,396</b>                   |
|   | <b>51.34%</b>      | <b>2.58%</b>                     | <b>37.28%</b>                    | <b>8.79%</b>               | <b>0.01%</b>                    |
|   |                    |                                  |                                  | <b>kWh Sum:</b>            | <b>189,587,894</b>              |
| Source: Schedule C WP1                                |                    |                                  |                                  |                            |                                 |

2020 Savings and Breakout by Commercial Class - CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule C - Workpaper 1

|   |                |                   | Secondary < 10 kVA |           | Secondary > 10 kVA |            | Primary |            | Transmission |        | Secondary < 10 kVA | Secondary > 10 kVA | Primary | Transmission |
|---|----------------|-------------------|--------------------|-----------|--------------------|------------|---------|------------|--------------|--------|--------------------|--------------------|---------|--------------|
|   | kW             | Total kWh         | kW                 | kWh       | kW                 | kWh        | kW      | kWh        | kW           | kWh    | %                  | %                  | %       | %            |
| <b>Large Commercial Customers:</b>                    | <b>119,005</b> | <b>92,258,073</b> |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Commercial Standard Offer Program (SOP)               | 11,119         | 52,856,003        | 194                | 769,363   | 7,349              | 40,076,522 | 3,576   | 12,010,118 | 0            | 0      | 2%                 | 66%                | 32%     | 0%           |
| Commercial MTP (SCORE, Healthcare, Data Center)       | 6,449          | 29,989,757        | 415                | 2,401,269 | 5,300              | 23,325,161 | 733     | 4,263,327  | 0            | 0      | 6%                 | 82%                | 11%     | 0%           |
| Commercial Load Management (SOP)                      | 99,493         | 596,959           | 0                  | 0         | 80,873             | 485,236    | 15,888  | 95,326     | 2,733        | 16,396 | 0%                 | 81%                | 16%     | 3%           |
| Retro-Commissioning MTP                               | 1,129          | 6,460,231         | 0                  | 0         | 1,129              | 6,173,582  | 0       | 286,649    | 0            | 0      | 0%                 | 100%               | 0%      | 0%           |
| REP (Commercial CoolSaver)                            | 509            | 644,644           | 19                 | 19,401    | 491                | 625,243    | 0       | 0          | 0            | 0      | 4%                 | 96%                | 0%      | 0%           |
| Advanced Lighting Commercial                          | 307            | 1,710,478         | 307                | 1,710,478 | 0                  | 0          | 0       | 0          | 0            | 0      | 100%               | 0%                 | 0%      | 0%           |
| <b>Residential and Small Commercial Customers:</b>    |                |                   |                    |           |                    |            |         |            |              |        | 0.8%               | 79.9%              | 17.0%   | 2.3%         |
| CenterPoint Energy High Efficiency Homes MTP          | 11,020         | 29,870,174        |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Residential & Small Commercial (SC) SOP               | 480            | 1,286,822         |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Smart Thermostat Program (Pilot)                      | 0              | 2,741,600         |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Advanced Lighting Residential                         | 5,828          | 32,499,087        |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Mid-Stream MTP (A/C and Pool Pump Distributor)        | 3,516          | 10,308,961        |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| REP (Residential CoolSaver and Efficiency Connection) | 1,089          | 3,388,349         |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Residential Demand Response SOP                       | 20,552         | 123,312           |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Multi-Family MTP                                      | 3,843          | 7,324,460         |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| <b>Hard-to-Reach Customers:</b>                       |                |                   |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Hard-to-Reach SOP                                     | 863            | 1,022,189         |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Multi-Family MTP (HTR)                                | 172            | 990,290           |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
| Targeted Low Income MTP (Agencies in Action)          | 4,818          | 7,774,579         |                    |           |                    |            |         |            |              |        |                    |                    |         |              |
|   | 171,187        | 189,587,894       |                    |           |                    |            |         |            |              |        |                    |                    |         |              |

Source: 2021 EEPR and EECRF Data Tables

2020 kW Savings - CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule D

| 2020 kW Savings                                       | RESIDENTIAL      | SECONDARY <<br>10 kVA | SECONDARY ><br>10 kVA | PRIMARY          | TRANSMISSION    |
|---|------------------|-----------------------|-----------------------|------------------|-----------------|
| <b>Large Commercial Customers:</b>                    |                  |                       |                       |                  |                 |
| Commercial Standard Offer Program (SOP)               | -                | 194.17                | 7,349.04              | 3,575.66         | -               |
| Commercial MTP (SCORE, Healthcare , Data Center)      | -                | 415.33                | 5,300.39              | 732.78           | -               |
| Commercial Load Management (SOP)                      | -                | -                     | 80,872.74             | 15,887.75        | 2,732.68        |
| Retro-Commissioning MTP                               | -                | -                     | 1,128.63              | 0.29             | -               |
| REP (Commercial CoolSaver)                            | -                | 18.57                 | 490.57                | -                | -               |
| Advanced Lighting Commercial                          | -                | 306.72                | -                     | -                | -               |
| <b>Residential and Small Commercial Customers:</b>    |                  |                       |                       |                  |                 |
| CenterPoint Energy High Efficiency Homes MTP          | 11,020           | -                     | -                     | -                | -               |
| Residential & Small Commercial (SC) SOP               | 480              | -                     | -                     | -                | -               |
| Smart Thermostat Program (Pilot)                      | 0                | -                     | -                     | -                | -               |
| Advanced Lighting Residential                         | 5,828            |                       |                       |                  |                 |
| Mid-Stream MTP (A/C and Pool Pump Distributor)        | 3,516            | -                     | -                     | -                | -               |
| REP (Residential CoolSaver and Efficiency Connection) | 1,089            | -                     | -                     | -                | -               |
| Residential Demand Response SOP                       | 20,552           |                       |                       |                  |                 |
| Multi-Family MTP                                      | 3,843            | -                     | -                     | -                | -               |
| <b>Hard-to-Reach Customers:</b>                       |                  |                       |                       |                  |                 |
| Hard-to-Reach SOP                                     | 863              | -                     | -                     | -                | -               |
| Multi-Family MTP HTR                                  | 172              |                       |                       |                  |                 |
| Targeted Low Income MTP (Agencies in Action)          | 4,818            | -                     | -                     | -                | -               |
| <b>TOTAL</b>  | <b>52,181.27</b> | <b>934.79</b>         | <b>95,141.36</b>      | <b>20,196.48</b> | <b>2,732.68</b> |

|                                       | RESIDENTIAL      | SECONDARY <<br>10 kVA | SECONDARY ><br>10 kVA | PRIMARY<br>VOLTAGE | TRANSMISSION<br>VOLTAGE |
|---------------------------------------|------------------|-----------------------|-----------------------|--------------------|-------------------------|
| <b>2020 kW Savings - ALL PROGRAMS</b> | <b>52,181.27</b> | <b>934.79</b>         | <b>95,141.36</b>      | <b>20,196.48</b>   | <b>2,732.68</b>         |
|                                       | <b>30.48%</b>    | <b>0.55%</b>          | <b>55.58%</b>         | <b>11.80%</b>      | <b>1.60%</b>            |
|                                       |                  |                       |                       | <b>Sum kW:</b>     | <b>171,186.59</b>       |

Source: Schedule C WP1

Calculation of 2020 Performance Bonus (By Rate Class)

Schedule E

| Customer Class                       |                  | 2020             |
|--------------------------------------|------------------|------------------|
|                                      |                  | Performance      |
|                                      | % of 2020 Actual | Bonus            |
|                                      | EE Expenditures  | \$22,021,388     |
| Residential                          | 50.43%           | \$ 11,104,835.07 |
| Secondary <=10 kVA                   | 1.89%            | \$ 417,305.18    |
| Secondary > 10 kVA                   | 36.17%           | \$ 7,966,068.97  |
| Primary                              | 11.23%           | \$ 2,472,909.72  |
| Transmission Non-Profit Governmental | 0.27%            | \$ 60,269.50     |
| Transmission - Industrial            | 0.00%            | \$ -             |
| Lighting                             | 0.00%            | \$ -             |
| Total                                | 100.00%          | \$ 22,021,388    |

| Class                                | 2020 Actual Energy<br>Efficiency Expenditures | % of Total |
|--------------------------------------|---|------------|
| Residential                          | \$18,154,525                                  | 50.43%     |
| Secondary <= 10 kVA                  | \$682,223                                     | 1.89%      |
| Secondary > 10 kVA                   | \$13,023,174                                  | 36.17%     |
| Primary                              | \$4,042,789                                   | 11.23%     |
| Transmission Non-Profit Governmental | \$98,530                                      | 0.27%      |
| Transmission - Industrial            | \$0   | 0.00%      |
| Lighting                             | \$0   | 0.00%      |
| Total                                | \$36,001,242                                  | 100.00%    |

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule E - Workpaper 1

| <b><u>Performance Incentive Calculation for Calendar Year 2020</u></b>   | <b>kW</b> | <b>kWh</b>           |
|--|-----------|----------------------|
| 2020 Program Goals   | 62,820    | 110,061,000          |
| 2020 Program Savings   | 171,187   | 189,587,894          |
| <i>Reported/Verified Total (including HTR, measures with 10yr EUL, and measures with EULs &lt; or &gt; 10 years)</i> | 171,187   | 189,587,894          |
| <i>Reported/Verified Hard-to-Reach</i>   | 5,854     | 9,787,058            |
| <b>Avoided Cost</b>  |           |                      |
| <i>per kW</i>  |           | \$80                 |
| <i>per kWh</i>   |           | \$0.05084            |
| <i>Inflation Rate</i>  |           | 2.0%                 |
| <i>Discount Rate</i>   |           | 8.21%                |
| <b>Total Avoided Cost (see avoided cost savings table)</b>   |           | <b>\$263,551,040</b> |
| <b>2020 Program Costs*</b>   |           | <b>\$43,337,156</b>  |
| Net Benefits = Total Avoided Cost - Total Program Costs  |           |                      |
| <b>Net Benefits</b>  |           | <b>\$220,213,884</b> |
| <b>Bonus based on 10% of Net Benefits</b>  |           | <b>\$22,021,388</b>  |
| Source: Project No. 50666, EEPR 2021   |           |                      |

\*Program costs include 2020 bonus recovery which is based on the 2018 bonus of \$6,738,428

2020 Actual Commercial Expenditures By Rate Class Per Program - CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule F

|   | Secondary < 10<br>kVA | Secondary > 10<br>kVA | Primary             | Transmission     | Total Commercial<br>Programs | Residential          | Total All Programs   |
|---|-----------------------|-----------------------|---------------------|------------------|------------------------------|----------------------|----------------------|
|   | Total 2020            |                       |                     |                  |                              |                      |                      |
| 1 Residential Programs                            |                       |                       |                     |                  |                              | \$ 17,992,533        | \$ 17,992,533        |
| 2 Commercial Standard Offer Program (SOP)         | \$ 87,713             | \$ 1,098,433          | \$ 2,641,508        | \$ -             | \$ 6,827,674                 |                      | \$ 6,827,674         |
| 3 Commercial MTP (SCORE, Healthcare, Data Center) | \$ 528,509            | \$ 4,850,670          | \$ 737,278          | \$ -             | \$ 6,116,546                 |                      | \$ 6,116,546         |
| 4 Commercial Load Management (SOP)                | \$ -                  | \$ 2,874,888          | \$ 569,814          | \$ 97,632        | \$ 3,542,334                 |                      | \$ 3,542,334         |
| 5 Retro-Commissioning MTP                         | \$ -                  | \$ 950,982            | \$ 59,171           | \$ -             | \$ 1,010,153                 |                      | \$ 1,010,153         |
| 6 REP (Commercial CoolSaver)                      | \$ 1,840              | \$ 133,935            | \$ -                | \$ -             | \$ 138,775                   |                      | \$ 138,775           |
| 7 Advanced Lighting Commercial                    | \$ 54,999             | \$ -                  | \$ -                | \$ -             | \$ 54,999                    |                      | \$ 54,999            |
| 8 R&D   | \$ 6,073              | \$ 114,246            | \$ 35,018           | \$ 898           | \$ 156,235                   | \$ 161,992           | \$ 318,228           |
| <b>Total by Rate Class</b>                        | <b>\$ 682,223</b>     | <b>\$ 13,023,174</b>  | <b>\$ 4,042,789</b> | <b>\$ 98,530</b> | <b>\$ 17,846,716</b>         | <b>\$ 18,154,525</b> | <b>\$ 36,001,242</b> |

|   | Secondary < 10<br>kVA | Secondary > 10<br>kVA | Primary | Transmission | Check   | Residential |
|---|-----------------------|-----------------------|---------|--------------|---------|-------------|
|   | Total 2019            |                       |         |              |         |             |
| Commercial Standard Offer Program (SOP)         | 1.28%                 | 60.03%                | 38.69%  | 0.00%        | 100.00% |             |
| Commercial MTP (SCORE, Healthcare, Data Center) | 8.64%                 | 79.30%                | 12.05%  | 0.00%        | 100.00% |             |
| Commercial Load Management (SOP)                | 0.00%                 | 81.16%                | 16.09%  | 2.76%        | 100.00% |             |
| Retro-Commissioning MTP                         | 0.00%                 | 94.14%                | 5.86%   | 0.00%        | 100.00% |             |
| REP (Commercial CoolSaver)                      | 3.49%                 | 96.51%                | 0.00%   | 0.00%        | 100.00% |             |
| Advanced Lighting Commercial                    | 100.00%               | 0.00%                 | 0.00%   | 0.00%        | 100.00% |             |
| R&D   | 3.89%                 | 73.12%                | 22.41%  | 0.57%        | 100.00% | 100.00%     |
| Residential & Hard to Reach                     | 0.00%                 | 0.00%                 | 0.00%   | 0.00%        | 0.00%   | 100.00%     |

| Program   | Sector         | Allocation Per<br>Tetra Tech, EM&V<br>Costs 2021 | Secondary < 10<br>kVA | Secondary > 10<br>kVA | Primary             | Transmission     | Residential          | Total                | Check       |
|---|----------------|--|-----------------------|-----------------------|---------------------|------------------|----------------------|----------------------|-------------|
| Commercial Standard Offer Program                         | Nonresidential | \$ 133,006.69                                    | \$ 1,708.69           | \$ 79,840.03          | \$ 51,457.97        | \$ -             | \$ -                 | \$ 133,006.69        | \$ -        |
| Commercial MTP (SCORE, Healthcare, Data Center)           | Nonresidential | \$ 97,979.62                                     | \$ 8,467.51           | \$ 77,701.83          | \$ 11,810.29        | \$ -             | \$ -                 | \$ 97,979.62         | \$ -        |
| Commercial Load Management SOP                            | Nonresidential | \$ 23,287.61                                     | \$ -                  | \$ 18,899.76          | \$ 3,746.01         | \$ 641.84        | \$ -                 | \$ 23,287.61         | \$ -        |
| REP MTP (Commercial CoolSaver)                            | Nonresidential | \$ 9,278.86                                      | \$ -                  | \$ 8,735.34           | \$ 543.52           | \$ -             | \$ -                 | \$ 9,278.86          | \$ -        |
| Retro-Commissioning MTP                                   | Nonresidential | \$ 36,243.08                                     | \$ 1,264.15           | \$ 34,978.93          | \$ -                | \$ -             | \$ -                 | \$ 36,243.08         | \$ -        |
| Advanced Lighting Commercial MTP                          | Nonresidential | \$ 8,826.48                                      | \$ 8,826.48           | \$ -                  | \$ -                | \$ -             | \$ -                 | \$ 8,826.48          | \$ -        |
| Commercial High Efficiency Foodservice MTP (Pilot)        | Nonresidential | \$ 12,695.23                                     | \$ 485.23             | \$ 9,263.84           | \$ 2,876.10         | \$ 70.06         | \$ -                 | \$ 12,695.23         | \$ -        |
| Residential & Small Commercial Standard Offer Program     | Residential    | \$ 23,760.71                                     | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 23,760.71         | \$ 23,760.71         | \$ -        |
| Smart Thermostat Program                                  | Residential    | \$ 27,327.10                                     | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 27,327.10         | \$ 27,327.10         | \$ -        |
| Multi-Family MTP Market Rate                              | Residential    | \$ 11,571.54                                     | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 11,571.54         | \$ 11,571.54         | \$ -        |
| Advanced Lighting Residential MTP                         | Residential    | \$ 32,781.21                                     | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 32,781.21         | \$ 32,781.21         | \$ -        |
| Midstream MTP (HVAC and Pool Pump Distributor)            | Residential    | \$ 20,048.09                                     | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 20,048.09         | \$ 20,048.09         | \$ -        |
| Residential Load Management Standard Offer Program        | Residential    | \$ 22,621.12                                     | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 22,621.12         | \$ 22,621.12         | \$ -        |
| REP MTP (Residential CoolSaver and Efficiency Connection) | Residential    | \$ 16,411.65                                     | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 16,411.65         | \$ 16,411.65         | \$ -        |
| CenterPoint Energy High Efficiency Home MTP               | Residential    | \$ 29,785.62                                     | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 29,785.62         | \$ 29,785.62         | \$ -        |
| Hard-to-Reach Standard Offer Program                      | Hard-to-Reach  | \$ 8,661.43                                      | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 8,661.43          | \$ 8,661.43          | \$ -        |
| Multi-Family MTP Hard-to-Reach                            | Hard-to-Reach  | \$ 8,317.21                                      | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 8,317.21          | \$ 8,317.21          | \$ -        |
| Targeted Low Income MTP (Agencies in Action)              | Hard-to-Reach  | \$ 17,084.61                                     | \$ -                  | \$ -                  | \$ -                | \$ -             | \$ 17,084.61         | \$ 17,084.61         | \$ -        |
| <b>Total</b>  |                | <b>\$ 539,687.85</b>                             | <b>\$ 20,752.05</b>   | <b>\$ 229,419.73</b>  | <b>\$ 70,433.88</b> | <b>\$ 711.91</b> | <b>\$ 218,370.27</b> | <b>\$ 539,687.85</b> | <b>\$ -</b> |



Calculation of 2020 Rate Case Expenses (By Rate Class)

Schedule F - Page 2

| Customer Class                       |                  | 2020           | 2020            |
|--------------------------------------|------------------|----------------|-----------------|
|                                      |                  | CEHE Rate Case | Muni. Rate Case |
|                                      | % of 2020 Actual | Expenses       | Expenses        |
|                                      | EE Expenditures  | \$ 44,698.07   | \$ 24,364.90    |
| Residential                          | 50.43%           | \$ 22,540.12   | \$ 12,286.61    |
| Secondary <=10 kVA                   | 1.89%            | \$ 847.03      | \$ 461.71       |
| Secondary > 10 kVA                   | 36.17%           | \$ 16,169.19   | \$ 8,813.82     |
| Primary                              | 11.23%           | \$ 5,019.41    | \$ 2,736.08     |
| Transmission Non-Profit Governmental | 0.27%            | \$ 122.33      | \$ 66.68        |
| Transmission - Industrial            | 0.00%            | \$ -           | \$ -            |
| Lighting                             | 0.00%            | \$ -           | \$ -            |
| Total                                | 100.00%          | \$ 44,698      | \$ 24,365       |

Calculation of 2020 Administrative Expense Adjustments (By Rate Class)

Schedule F - Page 3

| Rate Class                           |                  | 2020                   |
|--------------------------------------|------------------|------------------------|
|                                      |                  | Administrative Expense |
|                                      | % of 2020 Actual | Adjustments            |
|                                      | EE Expenditures  | \$0                    |
| Residential                          | 50.43%           | \$ -                   |
| Secondary <=10 kVA                   | 1.89%            | \$ -                   |
| Secondary > 10 kVA                   | 36.17%           | \$ -                   |
| Primary                              | 11.23%           | \$ -                   |
| Transmission Non-Profit Governmental | 0.27%            | \$ -                   |
| Transmission - Industrial            | 0.00%            | \$ -                   |
| Lighting                             | 0.00%            | \$ -                   |
| Total                                | 100.00%          | \$ -                   |

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule G Page 1

Rider EECRF Billing Determinants

Actuals through February 2021 Forecast for remainder of 2021 and through February 2023 From the 2021-25 Business Plan

| Rate Class                                     | Jan-20        | Feb-20        | Mar-20        | Apr-20      | May-20      | Jun-20      | Jul-20      | Aug-20      |
|--|---------------|---------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Residential Service                            | 2,040,393,796 | 1,650,931,446 | 1,744,748,970 | 0           | 0           | 0           | 0           | 0           |
| Secondary Service Less Than or Equal to 10 kVA | 85,044,034    | 70,252,869    | 72,722,303    | 0           | 0           | 0           | 0           | 0           |
| Secondary Service Greater Than 10 kVA          | 2,585,976,590 | 2,183,508,280 | 2,360,607,694 | -15,520     | -17,280     | -16,800     | -28,000     | -22,240     |
| Primary Service                                | 367,350,841   | 301,918,572   | 344,047,374   | 0           | 0           | 0           | 0           | 0           |
| Transmission Non-Profit/Governmental           | 65,808,941    | 65,866,418    | 63,317,109    | 71,790,690  | 72,463,755  | 74,877,275  | 72,171,236  | 73,238,695  |
| Transmission Service                           | 2,275,618,761 | 2,440,940,732 | 2,248,140,880 | -74,525,857 | -73,856,079 | -76,422,026 | -73,926,279 | -75,281,842 |
| Lighting Services                              | 19,777,615    | 19,499,159    | 19,767,324    | 0           | 0           | 0           | 0           | 0           |
| Total  | 7,439,970,578 | 6,732,917,475 | 6,853,351,654 | -2,750,686  | -1,409,604  | -1,561,551  | -1,783,042  | -2,065,387  |

\* Billing Determinants include the reduction in energy demand of 42 commercial customers that qualified under the opt-out provision in the amended energy efficiency rules

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Rider EECRF Billing Determinants

Schedule G Page 2

Forecast Forecast

| Rate Class                                     | Sep-20      | Oct-20      | Nov-20      | Dec-20      | Jan-21        | Feb-21        | Mar-21        | Apr-21        | May-21        |
|--|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|---------------|
| Residential Service                            | 0           | 0           | 0           | 0           | 0             | 0             | 1,756,622,054 | 1,939,388,962 | 2,722,173,994 |
| Secondary Service Less Than or Equal to 10 kVA | 0           | 0           | 0           | 0           | 79,929,040    | 73,624,181    | 80,470,344    | 77,484,352    | 80,510,779    |
| Secondary Service Greater Than 10 kVA          | -21,600     | -24,640     | -26,880     | -30,560     | 2,432,774,474 | 2,263,831,898 | 2,375,327,342 | 2,428,048,443 | 2,560,833,530 |
| Primary Service                                | 0           | 0           | 0           | 0           | 309,258,885   | 304,725,426   | 316,797,237   | 328,441,400   | 346,700,159   |
| Transmission Non-Profit/Governmental           | 72,569,859  | 70,210,030  | 71,644,157  | 71,041,834  | 65,808,941    | 65,866,418    | 62,629,366    | 72,567,190    | 71,987,990    |
| Transmission Service                           | -75,846,594 | -71,370,534 | -73,042,371 | -73,828,641 | 1,682,438,721 | 1,844,847,908 | 1,940,625,877 | 1,960,487,991 | 1,955,954,421 |
| Lighting Services                              | 0           | 0           | 0           | 0           | 19,727,243    | 19,724,078    | 20,192,631    | 20,206,062    | 20,217,388    |
| Total  | -3,298,335  | -1,185,144  | -1,425,093  | -2,817,367  | 4,589,937,304 | 4,572,619,908 | 6,552,664,852 | 6,826,624,400 | 7,758,378,262 |

\* Billing Determinants include the reduction in energy demand

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Rider EECRF Billing Determinants

Schedule G Page 3

|  | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Rate Class                                     | Jun-21        | Jul-21        | Aug-21        | Sep-21        | Oct-21        | Nov-21        | Dec-21        | Jan-22        | Feb-22        |
| Residential Service                            | 3,586,134,806 | 3,970,158,939 | 3,935,196,721 | 2,969,899,798 | 2,286,853,018 | 1,715,003,290 | 2,085,663,592 | 2,084,938,311 | 1,741,783,015 |
| Secondary Service Less Than or Equal to 10 kVA | 82,249,165    | 90,151,694    | 92,546,348    | 89,603,190    | 92,670,127    | 88,138,334    | 85,464,652    | 84,812,881    | 77,088,913    |
| Secondary Service Greater Than 10 kVA          | 2,680,144,931 | 3,151,755,831 | 3,210,916,398 | 3,012,963,215 | 2,787,948,002 | 2,488,714,151 | 2,559,239,486 | 2,443,123,144 | 2,272,315,396 |
| Primary Service                                | 364,051,524   | 376,196,672   | 377,479,553   | 366,504,008   | 342,448,095   | 316,937,138   | 315,589,758   | 301,999,376   | 296,269,045   |
| Transmission Non-Profit/Governmental           | 74,296,237    | 71,527,997    | 72,580,663    | 73,365,936    | 70,164,967    | 71,803,402    | 72,256,654    | 68,670,103    | 68,031,068    |
| Transmission Service                           | 1,943,884,646 | 1,985,046,097 | 1,908,263,112 | 1,882,341,330 | 1,917,873,222 | 1,838,279,934 | 1,756,557,716 | 1,712,485,070 | 1,868,306,877 |
| Lighting Services                              | 20,231,623    | 20,295,382    | 20,240,771    | 20,452,929    | 20,618,005    | 20,263,214    | 21,140,807    | 20,039,514    | 20,038,873    |
| Total  | 8,750,992,932 | 9,665,132,612 | 9,617,223,565 | 8,415,130,405 | 7,518,575,436 | 6,539,139,463 | 6,895,912,666 | 6,716,068,398 | 6,343,833,186 |

\* Billing Determinants include the reduction in energy demand

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule G Page 4

Rider EECRF Billing Determinants

|  | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      | Forecast      |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Rate Class                                     | Mar-22        | Apr-22        | May-22        | Jun-22        | Jul-22        | Aug-22        | Sep-22        | Oct-22        | Nov-22        |
| Residential Service                            | 1,776,021,021 | 1,958,564,561 | 2,749,574,326 | 3,624,169,291 | 4,012,086,962 | 3,975,394,087 | 2,997,544,648 | 2,305,023,224 | 1,727,988,203 |
| Secondary Service Less Than or Equal to 10 kVA | 83,156,274    | 79,041,525    | 82,139,520    | 83,937,105    | 92,023,026    | 94,488,841    | 91,515,594    | 94,672,485    | 89,945,329    |
| Secondary Service Greater Than 10 kVA          | 2,385,122,327 | 2,437,471,818 | 2,573,135,794 | 2,697,364,980 | 3,175,136,299 | 3,235,359,127 | 3,034,215,239 | 2,806,168,097 | 2,508,065,004 |
| Primary Service                                | 311,752,786   | 324,016,068   | 342,091,343   | 359,466,273   | 372,000,222   | 373,724,383   | 362,918,864   | 338,516,837   | 313,215,607   |
| Transmission Non-Profit/Governmental           | 64,198,605    | 74,525,857    | 73,856,079    | 76,422,026    | 73,926,279    | 75,281,842    | 75,846,594    | 71,370,534    | 73,042,371    |
| Transmission Service                           | 1,959,819,357 | 1,980,312,323 | 1,975,304,872 | 1,962,696,291 | 1,985,046,097 | 1,908,263,112 | 1,882,341,330 | 1,917,873,222 | 1,838,279,934 |
| Lighting Services                              | 20,517,860    | 20,533,355    | 20,546,794    | 20,563,480    | 20,631,228    | 20,577,479    | 20,794,312    | 20,963,613    | 20,603,986    |
| Total  | 6,600,588,231 | 6,874,465,507 | 7,816,648,728 | 8,824,619,446 | 9,730,850,112 | 9,683,088,870 | 8,465,176,581 | 7,554,588,011 | 6,571,140,434 |

\* Billing Determinants include the reduction in energy demand

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule G Page 5

Rider EECRF Billing Determinants

|  | Forecast      | Forecast      | Forecast      |                    |
|--|---------------|---------------|---------------|--------------------|
| Rate Class                                     | Dec-22        | Jan-23        | Feb-23        | Total              |
| Residential Service                            | 2,102,935,748 | 2,105,880,511 | 1,759,238,468 | 31,094,421,049 KWH |
| Secondary Service Less Than or Equal to 10 kVA | 87,196,722    | 86,039,721    | 78,195,065    | 1,042,351,207 KWH  |
| Secondary Service Greater Than 10 kVA          | 2,582,114,539 | 2,464,388,056 | 2,290,712,986 | 32,189,254,266 KWH |
| Primary Service                                | 311,963,603   | 298,668,216   | 292,888,086   | 4,001,222,289 KWH  |
| Transmission Non-Profit/Governmental           | 73,828,641    | 68,670,103    | 68,031,068    | 869,000,000 KWH    |
| Transmission Service                           | 1,756,557,716 | 1,712,485,070 | 1,868,306,877 | 22,747,286,201 KWH |
| Lighting Services                              | 21,497,558    | 20,381,046    | 20,381,838    | 247,992,548 KWH    |
| Total  | 6,936,094,528 | 6,756,512,724 | 6,377,754,389 | 92,191,527,561     |

\* Billing Determinants include the reduction in energy demar

2020 EECRF Estimated Over/Under Calculation and Allocation to Rate Classes

Schedule H Page 1

Calculation of 2020 Over/(Under) Calculation

| <u>Revenue Requirement</u>    | <u>Actual</u> | <u>Approved EECRF</u> | <u>Source</u>        |                               |
|-------------------------------|---------------|-----------------------|----------------------|-------------------------------|
| 2020 Program Costs            | \$36,001,242  | \$37,820,991          | CEHE for 2020 Actual | 2020 Budget from EECRF filing |
| 2018 Bonus                    | \$6,738,428   | \$6,738,428           |                      |                               |
| 2018 Over Recovery            | -\$5,920,293  | -\$5,920,293          |                      |                               |
| 2018 & 2019 Over Recovery Int | -\$181,214    | -\$181,214            |                      |                               |
| 2020 EM&V Costs               | \$550,514     | \$550,514             |                      |                               |
| 2018 Rate Case Expenses       | \$93,211      | \$93,211              |                      |                               |
| 2020 Settlement Adjust        | \$0           | (\$3,700,000)         |                      |                               |
| Total                         | \$37,281,888  | \$35,401,638          |                      |                               |
|                               |               |                       |                      | \$3,700,000                   |
|                               |               |                       |                      | \$1,880,250                   |
|                               |               |                       |                      | Negative value represents     |
|                               |               |                       |                      | "approved but not spent "     |

Revenue

EECRF

|             |    |                 |  |
|-------------|----|-----------------|--|
| January     | \$ | 2,863,309.65    | CenterPoint Energy Revenue Statistics for 2020 |
| February    | \$ | 2,365,670.47    | " "  |
| March       | \$ | 2,310,639.11    | " "  |
| April       | \$ | 2,395,600.72    | " "  |
| May         | \$ | 2,468,561.73    | " "  |
| June        | \$ | 3,268,947.67    | " "  |
| July        | \$ | 3,834,304.82    | " "  |
| August      | \$ | 3,577,717.18    | " "  |
| September   | \$ | 3,644,112.12    | " "  |
| October     | \$ | 2,976,449.34    | " "  |
| November    | \$ | 2,148,403.63    | " "  |
| December    | \$ | 2,497,837.77    | " "  |
| Total EECRF |    | \$34,351,554.21 | Total of above                                 |

|                    |                 |    |                |  |
|--------------------|-----------------|----|----------------|--|
| Total 2020 Revenue | \$34,351,554.21 | \$ | 1,880,250.49   | Over-Expenditures - "Approved but not spent"           |
| EECRF Over/(Under) | -\$2,930,333.47 | \$ | (1,050,082.98) | Under-collection from approved revenue                 |
|                    |                 | \$ | (2,930,333.47) | Total Under-recovery to be returned through 2022 EECRF |

"Under-collection"

Positive value represents over-collection  
from actual 2020 expenditures and revenues



Allocation of 2020 Over/(Under) Calculation to Rate Classes

Schedule H Page 2

|                                      | 2020 Over/(Under)-Expenditure Class Calculation  |   |  | 2020 Over/(Under)-Collection Class Calculation              |  |  | True-Up   | Interest Calculation                                 |   | Net True-Up   |
|--------------------------------------|--|---|--|---|--|--|---|--|---|---|
|                                      |  |   |  |   |  |  |   | 2020   | 2021  |   |
| Class                                | 2020 Actual Energy Efficiency Expenditures (includes bonus, EM&V over/under recovery, historical admin adj, and rate case exp )<br>(1) | 2020 Budgeted Energy Efficiency Costs (includes bonus, EM&V, over/ under recovery, historical admin adj, settlement adj, and rate case exp )<br>(2) | 2020 (Over)/(Under) Expenditure<br>(3) = (1)-(2) | Approved 2020 EECRF Total Revenue Requirement Amount<br>(4) | 2020 EECRF Actual Recovery Amount<br>(5) | 2020 EECRF Over / (Under) Collection of Revenue<br>(6) = (5) - (4) | 2020 Over/ (Under) Recovery<br>(7) = -(3) + (6) | 2020 Over/(Under) Recovery with 2020 Interest<br>(8) | 2020 Over/(Under) Recovery with 2020 & 2021 Interest<br>(9) | Net 2020 Over/ (Under) Recovery<br>(10) = (7) + (8) + (9) |
| Residential                          | \$18,229,408   | \$16,843,423  | \$1,385,985                                      | \$16,843,423  | \$17,333,951                             | \$490,528  | (\$895,457)                                     | (\$21,043)   | (\$7,515)   | (\$924,015)   |
| Secondary <= 10 kVA                  | \$243,323  | \$230,451   | \$12,872   | \$230,451   | \$198,981                                | (\$31,470)   | (\$44,342)                                      | (\$1,042)  | (\$372)   | (\$45,757)  |
| Secondary > 10 kVA                   | \$13,598,446   | \$14,465,087  | (\$866,641)                                      | \$14,465,087  | \$13,140,241                             | (\$1,324,846)  | (\$458,205)                                     | (\$10,768)   | (\$3,846)   | (\$472,819)   |
| Primary                              | \$4,982,602  | \$3,660,165   | \$1,322,437                                      | \$3,660,165   | \$3,481,003                              | (\$179,162)  | (\$1,501,599)                                   | (\$35,288)   | (\$12,602)  | (\$1,549,489)   |
| Transmission Non-Profit Governmental | \$228,172  | \$202,576   | \$25,596   | \$202,576   | \$197,378                                | (\$5,198)  | (\$30,794)                                      | (\$724)  | (\$258)   | (\$31,776)  |
| Transmission - Industrial            | \$0  | \$-   | \$0  | \$0   | \$0                                      | \$0  | \$0   | \$0  | \$0   | \$0   |
| Lighting                             | (\$64)   | (\$64)  | \$0  | -\$64   | \$0                                      | \$64   | \$64  | \$2  | \$1   | \$66  |
| <b>Total</b>                         | <b>\$37,281,887</b>  | <b>\$35,401,638</b>   | <b>\$1,880,249</b>                               | <b>\$35,401,638</b>   | <b>\$34,351,554</b>                      | <b>(\$1,050,084)</b>   | <b>(\$2,930,333)</b>                            | <b>(\$68,863)</b>                                    | <b>(\$24,593)</b>   | <b>(\$3,023,789)</b>                                      |
|                                      |  |   |  |   |  | chk (\$2,930,333)  |   |  |   | (\$3,023,789)   |

Ties to 2021 EECRF Section XIV

2020 Actual Expenditures

Schedule I

|                   | 2020<br>Actual Exp. | 2018<br>Bonus | 2018<br>Rate Case Exp. | 2020<br>EM&V Costs | 2018 & 2019<br>Over Recovery Int | 2018<br>(Over)/Under | Total<br>Per/Class  |
|-------------------|---------------------|---------------|------------------------|--------------------|----------------------------------|----------------------|---------------------|
| Residential       | \$18,154,525        | \$3,389,024   | \$46,880               | \$ 280,540         | (\$108,154)                      | (\$3,533,407)        | <b>\$18,229,408</b> |
| Sec< 10           | \$682,223           | \$105,876     | \$1,465                | \$ 25,057          | (\$16,967)                       | (\$554,331)          | <b>\$243,323</b>    |
| Sec >10           | \$13,023,174        | \$2,629,994   | \$36,380               | \$ 194,187         | (\$67,873)                       | (\$2,217,416)        | <b>\$13,598,446</b> |
| Primary           | \$4,042,789         | \$596,348     | \$8,249                | \$ 50,256          | \$8,463                          | \$276,498            | <b>\$4,982,602</b>  |
| Trans. Non-Profit | \$98,530            | \$17,185      | \$238                  | \$ 473             | \$3,319                          | \$108,426            | <b>\$228,172</b>    |
| Trans. Indus.     | \$0                 | \$0           | \$0                    | \$0                | \$0                              | \$0                  | <b>\$0</b>          |
| Lighting          | \$0                 | \$0           | \$0                    | \$0                | (\$2)                            | (\$62)               | <b>(\$64)</b>       |
| Totals            | \$36,001,242        | \$6,738,428   | \$93,211               | \$550,514          | (\$181,214)                      | (\$5,920,293)        | <b>\$37,281,887</b> |

| Class                             | 2018 Actual Energy<br>Efficiency<br>Expenditures | % of Total     | 2018<br>Performance<br>Bonus | 2020 EM&V<br>Costs spent of<br>\$550,514 | 2018 CEHE Rate<br>Case Expenses | 2018 Admin.<br>Exp. Adj. |
|-----------------------------------|--|----------------|------------------------------|--|---------------------------------|--------------------------|
| Residential                       | \$15,344,322                                     | 50.29%         | \$3,389,024                  | \$ 280,540                               | \$46,880                        | \$0                      |
| Secondary <= 10 kVA               | \$479,371  | 1.57%          | \$105,876                    | \$ 25,057                                | \$1,465                         | \$0                      |
| Secondary > 10 kVA                | \$11,907,701                                     | 39.03%         | \$2,629,994                  | \$ 194,187                               | \$36,380                        | \$0                      |
| Primary                           | \$2,700,056                                      | 8.85%          | \$596,348                    | \$ 50,256                                | \$8,249                         | \$0                      |
| Transmission Non-<br>Profit/ Govt | \$77,809   | 0.26%          | \$17,185                     | \$ 473                                   | \$238                           | \$0                      |
| Transmission - Industrial         | \$0  | 0.00%          | \$0                          | \$0                                      | \$0                             | \$0                      |
| Lighting                          | \$0  | 0.00%          | \$0                          | \$0                                      | \$0                             | 0                        |
| <b>Total</b>                      | <b>\$30,509,259</b>                              | <b>100.00%</b> | <b>6,738,428</b>             | <b>550,514</b>                           | <b>93,211</b>                   | <b>0</b>                 |

CenterPoint Energy Houston Electric, LLC  
Applicable: Entire Service Area

#### 6.1.1.6.9 RIDER EECRF – ENERGY EFFICIENCY COST RECOVERY FACTOR

##### AVAILABILITY

Pursuant to Public Utility Regulatory Act §39.905 and Public Utility Commission of Texas Substantive Rule §25.181 and 25.182, the energy efficiency cost recovery factor (EECRF) is a non-bypassable charge applicable to all Retail Customers.

##### METHOD OF CALCULATION

EECRF charges shall be calculated annually and shall equal by rate class the sum of: forecasted energy efficiency costs, any adjustment for past over-recovery or under-recovery of EECRF costs, any energy efficiency performance bonus, any previous year's EECRF proceeding rate case expenses, and any allocated Evaluation, Measurement & Verification ("EM&V") costs; divided by the forecasted billing units for each class.

##### MONTHLY RATE

A Retail Customer's EECRF for the billing month shall be determined by multiplying the appropriate EECRF charge shown below by the Retail Customer's applicable billing unit for the current month.

| Rate Class                                     | EECRF Charge | Billing Unit |   |
|--|--------------|--------------|---|
| Residential Service                            | \$0.000983   | Per kWh      | I |
| Secondary Service Less than or Equal to 10 kVA | \$0.001072   | Per kWh      | R |
| Secondary Service Greater than 10 kVA          | \$0.000739   | Per kWh      | I |
| Primary Service                                | \$0.001930   | Per kWh      | I |
| Transmission Non-Profit Governmental           | \$0.000227   | Per kWh      | I |
| Transmission Service – Industrial              | \$0.000000   | Per kWh      | I |
| Lighting Services                              | N/A          |              |   |

##### NOTICE

This Rate Schedule is subject to the Company's Tariff and Applicable Legal Authorities.

CenterPoint Energy Houston Electric, LLC

Applicable: Entire Service Area

**6.1.1.6.9 RIDER EECRF – ENERGY EFFICIENCY COST RECOVERY FACTOR****AVAILABILITY**

Pursuant to Public Utility Regulatory Act §39.905 and Public Utility Commission of Texas Substantive Rule §25.181 and 25.182, the energy efficiency cost recovery factor (EECRF) is a non-bypassable charge applicable to all Retail Customers.

**METHOD OF CALCULATION**

EECRF charges shall be calculated annually and shall equal by rate class the sum of: forecasted energy efficiency costs, any adjustment for past over-recovery or under-recovery of EECRF costs, any energy efficiency performance bonus, any previous year's EECRF proceeding rate case expenses, and any allocated Evaluation, Measurement & Verification ("EM&V") costs; divided by the forecasted billing units for each class.

**MONTHLY RATE**

A Retail Customer's EECRF for the billing month shall be determined by multiplying the appropriate EECRF charge shown below by the Retail Customer's applicable billing unit for the current month.

| <b>Rate Class</b>                              | <b>EECRF Charge</b> | <b>Billing Unit</b> |
|--|---------------------|---------------------|
| Residential Service                            | \$0.000983          | Per kWh             |
| Secondary Service Less than or Equal to 10 kVA | \$0.001072          | Per kWh             |
| Secondary Service Greater than 10 kVA          | \$0.000739          | Per kWh             |
| Primary Service                                | \$0.001930          | Per kWh             |
| Transmission Non-Profit Governmental           | \$0.000227          | Per kWh             |
| Transmission Service – Industrial              | \$0.000000          | Per kWh             |
| Lighting Services                              | N/A                 |                     |

**NOTICE**

This Rate Schedule is subject to the Company's Tariff and Applicable Legal Authorities.

**WORKPAPERS**  
**OF**  
**JOHN R. DURLAND**

## CPI - South Urban Index

| Year | Annual | % Change   | Source  |
|------|--------|------------|---|
| 2011 | 218.6  |            |   |
| 2012 | 223.2  | 2.115105%  |   |
| 2013 | 226.7  | 1.558399%  |   |
| 2014 | 230.6  | 1.689742%  | <a href="http://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0">http://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0</a>   |
| 2015 | 230.1  | -0.175665% | <a href="http://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0">http://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0</a>   |
| 2016 | 232.7  | 1.105800%  | <a href="https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0">https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0</a> |
| 2017 | 237.5  | 2.047300%  | <a href="https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0">https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0</a> |
| 2018 | 242.7  | 2.224000%  | <a href="https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0">https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0</a> |
| 2019 | 246.3  | 1.453400%  | <a href="https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0">https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0</a> |
| 2020 | 248.6  | 0.964000%  | <a href="https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0">https://data.bls.gov/pdq/SurveyOutputServlet?series_id=CUUR03005A0,CUUS03005A0</a> |

Click Links Below to View Annual Consumer Price Index Data For Cost Caps

2015 Data

2016 Data

2017 Data

2018 Data

2019 Data

2020 Data

2021 Data

## Cost Caps

|      | Res Cap<br>\$/kWh | Comm Cap<br>\$/kWh | Source  |
|------|-------------------|--------------------|---|
| 2013 | \$ 0.001200       | \$ 0.000750        | per EE Rule Section 11(7)(E)  |
| 2014 | \$ 0.001225       | \$ 0.000766        | escalated based on most recent data at the time in which the 2014 costs were set -- they do not plan to recalculate this number |
| 2015 | \$ 0.001244       | \$ 0.000778        | escalated based on most recent data -- 2015 cost cap as confirmed in docket 42449, Item 37, Therese Harris's testimony, page 11 |
| 2016 | \$ 0.001266       | \$ 0.000791        | Hard-wired values (no calculation or rounding, based on revised EE Rule, docket 46388)  |
| 2017 | \$ 0.001266       | \$ 0.000791        | Hard-wired values (no calculation or rounding, based on revised EE Rule, docket 46388)  |
| 2018 | \$ 0.001277       | \$ 0.000799        | Hard-wired values (with calculation based on docket 46388)  |
| 2019 | \$ 0.001303       | \$ 0.000815        | Calculated based on docket 46388  |
| 2020 | \$ 0.001332       | \$ 0.000833        | Calculated in line with 46388, based on new EE Rule under docket 48692  |
| 2021 | \$ 0.001351       | \$ 0.000845        | Calculated in line with 46388; based on new EE Rule under docket 48692  |
| 2022 | \$ 0.001364       | \$ 0.000853        | Calculated in line with 46388; based on new EE Rule under docket 48692  |

Source

Sec. 25.182 EECRF (d)(7)(C). For the 2019 program year and thereafter, the residential and commercial cost caps shall be calculated to be the prior period's cost caps increased or decreased by a rate equal to the most recently available calendar year's percentage change in the South urban CPI, as determined by the Federal Bureau of Labor Statistics.

**CPI for All Urban Consumers (CPI-U)****Original Data Value**

Series Id: CUUR0300SA0,CUUS0300SA0

**Not Seasonally Adjusted**

Series Title: All items in South urban, all urban consumers, not seasonally

Area: South

Item: All items

Base Period: 1982-84=100

Years: 2011 to 2021

| Year | Jan     | Feb     | Mar     | Apr     | May     | Jun     | Jul     | Aug     | Sep     | Oct     | Nov     | Dec     | Annual  | HALF1   | HALF2   |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2011 | 213.589 | 214.735 | 217.214 | 218.820 | 219.820 | 219.318 | 219.682 | 220.471 | 220.371 | 219.969 | 219.961 | 219.469 | 218.618 | 217.249 | 219.987 |
| 2012 | 220.497 | 221.802 | 223.314 | 224.275 | 223.356 | 223.004 | 222.667 | 223.919 | 225.052 | 224.504 | 223.404 | 223.109 | 223.242 | 222.708 | 223.776 |
| 2013 | 223.933 | 225.874 | 226.628 | 226.202 | 226.289 | 227.148 | 227.548 | 227.837 | 227.876 | 227.420 | 226.811 | 227.082 | 226.721 | 226.012 | 227.429 |
| 2014 | 227.673 | 228.664 | 230.095 | 231.346 | 231.762 | 232.269 | 232.013 | 231.611 | 231.762 | 231.131 | 229.845 | 228.451 | 230.552 | 230.302 | 230.802 |
| 2015 | 226.855 | 227.944 | 229.337 | 229.957 | 230.886 | 232.026 | 231.719 | 231.260 | 230.913 | 230.860 | 230.422 | 229.581 | 230.147 | 229.501 | 230.793 |
| 2016 | 229.469 | 229.646 | 230.977 | 231.975 | 232.906 | 233.838 | 233.292 | 233.561 | 234.069 | 234.337 | 234.029 | 234.204 | 232.692 | 231.469 | 233.915 |
| 2017 | 235.492 | 236.052 | 236.154 | 236.728 | 236.774 | 237.346 | 236.942 | 237.892 | 239.649 | 239.067 | 238.861 | 238.512 | 237.456 | 236.424 | 238.487 |
| 2018 | 239.772 | 241.123 | 241.595 | 242.486 | 243.279 | 243.770 | 243.776 | 243.605 | 243.640 | 244.163 | 243.484 | 242.150 | 242.737 | 242.004 | 243.470 |
| 2019 | 242.547 | 243.856 | 245.554 | 246.847 | 246.667 | 246.515 | 247.250 | 246.953 | 246.891 | 247.423 | 247.385 | 247.289 | 246.265 | 245.331 | 247.199 |
| 2020 | 248.005 | 248.412 | 248.136 | 246.254 | 245.696 | 247.223 | 248.619 | 249.639 | 250.193 | 250.542 | 250.255 | 250.693 | 248.639 | 247.288 | 249.990 |
| 2021 | 252.067 | 253.386 |         |         |         |         |         |         |         |         |         |         |         |         |         |

Workpaper JRDWP2 is confidential. A copy of this material will be provided pursuant to the protective order issued in this docket.