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**SOAH DOCKET NO. 473-21-2530
PUC DOCKET NO. 52194**

APPLICATION OF CENTERPOINT	§	BEFORE THE STATE OFFICE
ENERGY HOUSTON ELECTRIC, LLC	§	
TO ADJUST ITS ENERGY	§	OF
EFFICIENCY COST RECOVERY	§	
FACTOR	§	ADMINISTRATIVE HEARINGS

STIPULATION AND SETTLEMENT AGREEMENT

This Stipulation and Settlement Agreement (“Agreement”) is entered into before the Public Utility Commission of Texas (“Commission”) by and among CenterPoint Energy Houston Electric, LLC (“CenterPoint Houston” or the “Company”), Commission Staff (“Staff”) of the Public Utility Commission of Texas, the City of Houston (“COH”), and the Gulf Coast Coalition of Cities (“GCCC”), collectively the “Signatories.”

I. Background

On June 1, 2021, CenterPoint Houston filed its Application for Approval of an Adjustment to its Energy Efficiency Cost Recovery Factor (“Application”).

CenterPoint Houston’s Application requests approval of (1) estimated 2022 energy efficiency program costs of \$37,713,993; (2) a performance bonus for 2020 program achievements of \$22,021,388; (3) \$539,688 in projected Evaluation, Measurement, and Verification (“EM&V”) for the evaluation of program year 2021; (4) a charge of \$2,930,333 for the under-recovery of 2020 program costs; (5) a charge of \$93,456 for interest on the under-recovery; and (6) \$69,063 in 2020 EECRF proceeding rate case expenses for a total EECRF of \$63,367,922 to be recovered through rates beginning with the commencement of the Company’s March 2022 billing month.

The Signatories believe a negotiated resolution of this proceeding is desirable and in the public interest because the result is reasonable under the circumstances, as it will conserve the public’s and the Signatories’ resources and eliminate controversy.

II. Stipulation and Settlement Agreement

- A. The Signatories agree that CenterPoint Houston’s notice was adequate and in compliance with 16 Tex. Admin. Code § 25.182 (“TAC”) and 16 TAC § 22.55.

- B. The Signatories agree to the reconciliation of the Company's 2020 performance bonus, EM&V costs, under-recovery and related interest costs, and 2020 EECRF rate case expenses.
- C. The Signatories agree to a "black box" adjustment of \$200,000 to the Company's 2020 performance bonus for certain historical administrative expenses.
- D. The Signatories agree to an additional "black box" adjustment to further reduce the revenue requirement to be collected through the 2022 EECRF tariff by \$115,000. This adjustment, consistent with 16 TAC § 25.182(d)(15), is intended to reduce the total revenue recovered through CenterPoint Houston's 2022 EECRF tariff.
- E. The black box adjustments of \$200,000 described in Paragraph C and \$115,000 described in Paragraph D result in an overall black box reduction of \$315,000 to CenterPoint Houston's total EECRF tariff revenue requirement, resulting in a total revenue requirement of \$63,052,922. The Parties agree that this amount is reasonable. The Signatories agree that, consistent with the above settlement terms, the 2022 EECRF includes the following: (1) estimated 2022 energy efficiency program costs of \$37,598,993; (2) a performance bonus for 2020 program achievements of \$21,821,388; (3) \$539,688 in projected EM&V costs for the evaluation of program year 2021; (4) a charge of \$2,930,333 for the under-recovery of 2020 program costs; (5) a charge of \$93,456 for calculated interest on the under-recovery; and (6) \$69,063 in 2020 EECRF proceeding expenses. Actual energy efficiency expenses and EECRF tariff recoveries for the 2022 program year will be reconciled consistent with the Commission's Energy Efficiency Rules in a future EECRF filing. Consistent with the Commission's Energy Efficiency Rules, actual 2022 energy efficiency program costs may be more or less than the budgeted amount reflected in this Agreement. Schedules supporting the Agreement are attached as Attachment C.
- F. The Signatories agree that CenterPoint Houston's historical energy efficiency program expenditures, with the exception of the amount referenced in subparagraph II.C., for the 2020 program year were prudent and should be approved.
- G. The Signatories agree that the amounts listed in subparagraphs II.C and II.D. comply with Section 39.905 of the Public Utility Regulatory Act and 16 TAC §§ 25.181 & .182 and are reasonable and necessary to reduce demand and energy growth. Nothing in

this Agreement shall prohibit any party from contesting the prudence or reasonableness of any actually incurred EECRF expenses in a future proceeding.

- H. The Signatories agree to support the entry of any order required to give effect to the terms of this Agreement, and to facilitate this process, hereby attach a Proposed Order at Attachment A.
- I. The Signatories agree that CenterPoint Houston's filing of the revised tariff will be made at least 45 days in advance of the tariff's effective date, March 1, 2022. CenterPoint Houston's filing of the tariff will be within 10 days of the Commission's issuance of a final order in this proceeding. CenterPoint Houston will serve notice of the approved rates and effective date of the approved rates to the retail electric providers that are authorized to provide service in CenterPoint Houston's service area by the working day after CenterPoint Houston files the revised tariff with the Commission.
- J. The Signatories agree that the Rider EECRF tariff accompanying this Agreement at Attachment B is reasonable and should be approved.
- K. The Signatories agree to waive a hearing on the merits and cross-examination of all witnesses of each Signatory and agree that the following documents should be admitted into evidence: the Company's Application, which includes the direct testimony, exhibits, and workpapers of Shea A. Richardson and John R. Durland; the Company's Proof of Notice (affidavit of Joyce Johnson-Clark); GCCC's direct testimony of Karl Nalepa; Staff's testimony supporting the Agreement and the reasonableness of CenterPoint Houston's, GCCC's, and COH's 2020 EECRF rate case expenses; and this Agreement with its attachments.
- L. The Signatories agree that GCCC's 2020 EECRF rate case expenses totaling \$15,444.90 and COH's 2020 EECRF rate case expenses totaling \$8,920 are reasonable and should be approved.
- M. CenterPoint Houston agrees to reimburse GCCC and COH their 2020 EECRF rate case expenses within 30 days of the Commission's final order.

III. Effect of Stipulation and Settlement Agreement

- A. The Signatories arrived at this Agreement through negotiation and compromise. The Signatories agree that the failure to address any specific issue in this Agreement does

not mean that any Signatory or the Commission approves of any particular treatment of costs or the underlying assumptions associated with costs. Except as otherwise provided in this Agreement, the Signatories stipulate that the failure to litigate any specific issue in this docket does not waive any Signatory's rights to contest a similar issue in any other current or future docket and that the failure to litigate an issue as a result of this Agreement cannot be asserted as a defense or estoppel, or any similar argument, by or against any Signatory in this or any other proceeding. The Signatories do not endorse any methodology underlying the Agreement as being applicable in any other docket or proceeding.

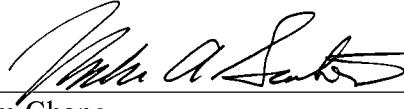
- B. The Signatories urge the Commission to adopt an appropriate order consistent with the terms of this Agreement. The terms of this Agreement may not be used either as an admission or concession of any sort or as evidence in any proceeding. The Signatories further agree that: (a) oral or written statements made during the course of the settlement negotiations may not be used for any purposes other than as necessary to support the entry by the Commission of an order implementing this Stipulation and Settlement Agreement, and (b) other than to support the entry of such an order, all oral or written statements made during the course of the settlement negotiations are governed by Texas Rule of Evidence 408 and are inadmissible. The obligations set forth in this subsection shall continue and be enforceable, even if this Agreement is terminated as provided below.
- C. This Agreement reflects a compromise, settlement and accommodation among the Signatories, and the Signatories agree that the terms and conditions herein are interdependent. If the Commission enters an Order that is inconsistent with any of the terms of this Agreement, each Signatory has the right to withdraw from this Agreement and to assume any position it deems appropriate with respect to any issue in this proceeding. A Signatory who withdraws shall not be deemed to have waived any procedural right or taken any substantive position on any fact or issue by virtue of the Signatory's entry into the Agreement or its subsequent withdrawal. However, the parties agree that, if a Signatory withdraws from this Agreement, all negotiations, discussions and conferences related to this settlement are privileged, inadmissible, and

not relevant to prove any issues in Docket No. 52194 pursuant to Texas law, including but not limited to Texas Rule of Evidence 408.

- D. Except as otherwise provided, this Agreement is binding on each of the Signatories. This Agreement shall not be binding or precedential upon a Signatory outside this case. It is acknowledged that a Signatory's support of the matters contained in this Agreement may differ from the position taken or testimony presented by it in this or any other docket. To the extent there is a difference, a Signatory does not waive its position in any other dockets. Because this is a stipulated resolution, no Signatory is under any obligation to take the same positions as set out in this Agreement in other dockets, whether those dockets present the same or a different set of circumstances, except as may otherwise be explicitly provided in this Agreement.

Execution. Each person signing this document represents that he is authorized to sign it on behalf of the Signatory represented. For administrative convenience, this document may be executed in multiple counterparts and filed with facsimile signatures.

Respectfully submitted,



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HOUSTON ELECTRIC, LLC**

**PUBLIC UTILITY COMMISSION OF TEXAS
LEGAL DIVISION**

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Eleanor D'Ambrosio
Managing Attorney

A handwritten signature in black ink that reads "Kevin Bartz" followed by "v/p" and "MAZ".

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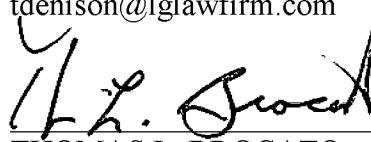
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A handwritten signature in black ink, appearing to read "T.L. Brocato", is written over a horizontal line.

THOMAS L. BROCATO


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TAYLOR P. DENISON

State Bar No. 24116344


**ATTORNEYS FOR THE GULF COAST
COALITION OF CITIES**

ATTEST/SEAL:



City Secretary

CITY OF HOUSTON, TEXAS

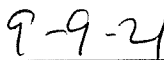


Sylvester Turner
Mayor



8-31-2021

DATE COUNTERSIGNED:



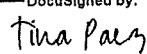
9-9-21

COUNTERSIGNED BY:




Chris B. Brown
City Controller

APPROVED:

DocuSigned by:


80BAE9EC66A94CC
Tina Paez
Director, Administration and Regulatory
Affairs Department

APPROVED AS TO FORM:

DocuSigned by:


18E25548DE5A44F...
YuShan Chang
State Bar No. 24040670

ARTURO G. MICHEL, CITY ATTORNEY

ATTORNEYS FOR THE CITY OF HOUSTON,
TEXAS

CERTIFICATE OF SERVICE

I hereby certify that on this 15th day of September 2021, notice of the filing of this document was provided to all parties of record via electronic mail in accordance with the Order Suspending Rules, issued in Project No. 50664.



Mark A. Santos

**PUC DOCKET NO. 52194
SOAH DOCKET NO. 473-21-2530**

APPLICATION OF CENTERPOINT	§	
ENERGY HOUSTON ELECTRIC, LLC	§	PUBLIC UTILITY COMMISSION
TO ADJUST ITS ENERGY	§	
EFFICIENCY COST RECOVERY	§	OF TEXAS
FACTOR	§	

PROPOSED ORDER

This Order addresses the application of CenterPoint Energy Houston Electric, LLC (CenterPoint Houston) to adjust its energy efficiency cost recovery factor (EECRF). CenterPoint Houston filed a unanimous agreement between the parties to this proceeding. The Commission approves CenterPoint Houston's agreed EECRF to the extent provided in this Order.

I. Findings of Fact

The Commission makes the following findings of fact.

Applicant—Public Utility Regulatory Act (PURA) § 31.002(6) and 16 Texas Administrative Code (TAC) § 25.181(b)

1. CenterPoint Houston is a Texas limited liability company registered with the Texas Secretary of State under filing number 800119842.
2. CenterPoint Houston owns and operates for compensation in Texas facilities and equipment to transmit and distribute electricity in the Electric Reliability Council of Texas, Inc. (ERCOT) power region.
3. CenterPoint Houston is required under certificate of convenience and necessity number 30086 to provide service to the public and retail electric service within its certificated service area.

Application—16 TAC §§ 25.182(d)(10)(A)–(M), (d)(11)(A)–(J)

4. On June 1, 2021, CenterPoint Houston filed an application to adjust its 2022 EECRF, effective with its March 2022 billing month.
5. The application was docketed on June 1, 2021.

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6. No party objected to the sufficiency of the application.
7. In the application, CenterPoint Houston sought Commission approval to adjust its EECRF to recover \$63,367,922 during program year 2022. The amount included the following:
 - (a) CenterPoint Houston's forecasted energy-efficiency costs of \$37,713,993 in program year 2022;
 - (b) projected evaluation, measurement, and verification (EM&V) expenses in the amount of \$539,688 for the evaluation of program year 2021;
 - (c) a charge of \$2,930,333 for CenterPoint Houston's net under-recovery, including interest of \$93,456, of program year 2020 energy-efficiency costs;
 - (d) rate-case expenses incurred in CenterPoint Houston's most recent EECRF proceeding, Docket No. 50908,¹ in the amount of \$69,063 (comprising \$44,698 incurred by CenterPoint Houston, \$15,444.90 incurred by the Gulf Coast Coalition of Cities and \$8,920 incurred by the City of Houston); and
 - (e) a performance bonus of \$22,021,388 for 2020 program achievements.
8. In State Office of Administrative Hearings (SOAH) Order No. 2 filed on June 28, 2021, the SOAH administrative law judge (ALJ) found the application sufficient.

Notice—16 TAC §§ 22.55 and 25.182(d)(13), (14)

9. On June 1, 2021, CenterPoint Houston provided notice by first-class mail to the following: each party that participated in CenterPoint Houston's most recent EECRF proceeding, Docket No. 50908; all retail electric providers that were authorized to provide service in CenterPoint Houston's service area at the time the EECRF application was filed; and all parties that participated in CenterPoint Houston's most recent base-rate case in Docket No. 49421.²

¹ *Application of CenterPoint Energy Houston Electric, LLC to Adjust its Energy Efficiency Cost Recovery Factor*, Docket No. 50908, Order (Oct. 16, 2020).

² *Application of CenterPoint Energy Houston Electric, LLC for Authority to Change Rates*, Docket No. 49421, Final Order (Mar. 9, 2020).

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10. On June 3, 2021, CenterPoint Houston provided a copy of the notice by first-class mail to the Texas Department of Housing and Community Affairs, which is the state agency that administers the federal weatherization program.
11. In an affidavit filed by CenterPoint Houston on June 7, 2021, Joyce Johnson-Clark, Compliance Analyst—Regulatory Support Services for CenterPoint Energy Service Company, LLC, attested that notice was provided as described in findings of fact 9 and 10.
12. No party objected to the adequacy of notice of the application.
13. In SOAH Order No. 2 filed on June 28, 2021, the SOAH ALJ deemed CenterPoint Houston's notice of the application sufficient.

Intervenors and Intervenor Alignment—16 TAC §§ 22.103–22.105

14. Commission Staff participated in this docket.
15. In SOAH Order No. 2 filed on June 28, 2021, the SOAH ALJ granted the motions to intervene filed by the Gulf Coast Coalition of Cities and the City of Houston.

Statements of Position and Pre-Filed Testimony—16 TAC §§ 22.124 and 22.225

16. As part of the application filed on June 1, 2021, CenterPoint Houston provided the direct testimonies, exhibits, and workpapers of Shea A. Richardson, CenterPoint Houston's manager of energy efficiency compliance, and John R. Durland, manager of rates for CenterPoint Energy Service Company, LLC.
17. On July 20, 2021, Gulf Coast Coalition of Cities filed the direct testimony of Karl Nalepa.
18. On September __, 2021, Commission Staff filed the testimony of Ruth Stark in support of the agreement.

Referral to SOAH for Hearing—16 TAC §§ 22.121 and 25.182(d)(9)

19. On June 3, 2021, the Commission referred this proceeding to SOAH.
20. On June 3, 2021, the Commission filed a preliminary order, which included a list of issues to be addressed in this proceeding.

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21. In SOAH Order No. 2 filed on June 28, 2021, the SOAH ALJ gave notice of a hearing on the merits to be convened at 9:00 a.m. on September 16, 2021, via the Zoom video conferencing platform, if requested.
22. In SOAH Order No. 3 filed on August 12, 2021, the SOAH ALJ abated the proceeding because the parties had announced an agreement in principle.
23. On September __, 2021, CenterPoint Houston, Commission Staff, Gulf Coast Coalition of Cities, and the City of Houston filed a unanimous agreement between themselves.
24. In SOAH Order No. 4 filed on September __, 2021 the SOAH ALJ dismissed the case from SOAH's docket and remanded it to the Commission.

Evidentiary Record

25. In SOAH Order No. 4 filed on September __, 2021, the SOAH ALJ admitted the following into the evidentiary record:
 - (a) CenterPoint Houston's application, including the direct testimonies, exhibits, and workpapers of Shea A. Richardson and John R. Durland, filed on June 1, 2021;
 - (b) CenterPoint Houston's affidavit of Joyce Johnson-Clark regarding notice, filed on June 7, 2021;
 - (c) Gulf Coast Coalition of Cities' direct testimony of Karl Nalepa, filed on July 20, 2021;
 - (d) the testimony of Ruth Stark in support of the agreement, filed on September __, 2021; and
 - (e) the agreement and attachments filed on September __, 2021.

Energy Efficiency Goal—PURA § 39.905 and 16 TAC § 25.181(e)

26. CenterPoint Houston's 2022 demand-reduction goal is four-tenths of 1% of CenterPoint Houston's summer weather-adjusted peak demand for residential and commercial customers; thus, its demand reduction goal is 64.88 megawatts (MW).
27. CenterPoint Houston's weather-adjusted residential and commercial average annual peak demand for the previous five years (2016 through 2020) is 16,219 MW.

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28. CenterPoint Houston projects that it will achieve 183.46 MW in demand reductions in program year 2022, which exceeds the demand-reduction goal of 64.88 MW.
29. The estimated savings to be achieved through CenterPoint Houston's 2022 programs for hard-to-reach customers is 6.13 MW, which is 9.45% of the proposed goal of 64.88 MW. The amount exceeds the 5% minimum required by 16 TAC § 25.181(e)(3)(F).
30. CenterPoint Houston projects that, because of the mix of energy and demand savings achievable through its programs, it will achieve energy savings of 214,129 megawatt-hours (MWh) in program year 2022, which exceeds the minimum of 113,670 MWh.

Agreement—PURA § 14.054 and 16 TAC § 22.35

31. Under the agreement, CenterPoint Houston's EECRF will recover \$63,052,922, during program year 2022, which includes:
 - (a) CenterPoint Houston's forecasted energy-efficiency costs of \$37,598,993 in program year 2022;
 - (b) Projected EM&V expenses in the amount of \$539,688 for the evaluation of program year 2021;
 - (c) A charge of \$2,930,333 for CenterPoint Houston's net under-recovery, including \$93,456 of interest, of program year 2020 energy-efficiency costs;
 - (d) A performance bonus of \$21,821,388, which includes an agreed adjustment to remove \$200,000 in historical administrative expenses; and
 - (e) Rate-case expenses in the amounts of \$44,698 incurred CenterPoint Houston, \$15,444.90 incurred by the Gulf Coast Coalition of Cities, and \$8,920 incurred by the City of Houston in Docket No. 50908.
32. Under the agreement, a \$115,000 reduction to CenterPoint Houston's EECRF revenue requirement, reflected in its estimated program year 2022 energy efficiency costs, is intended solely as a reduction to the total amount of revenue recovered through the 2022 EECRF tariff. Under the agreement, actual energy efficiency expenses and EECRF tariff recoveries for the program year 2022 will be reconciled consistent with the Commission's Energy Efficiency Rules in a future EECRF filing. Consistent with the Commission's Energy Efficiency Rules, actual 2022 energy efficiency program costs may be more or less than the budgeted amount reflected in the agreement.

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33. The agreement provides an effective date of March 1, 2022 for CenterPoint Houston's program year 2022 EECRF tariff rider.
34. Under the agreement, CenterPoint Houston's EECRF charges per kWh by rate class are as follows:

Rate Class	EECRF Charge	Billing Unit
Residential	\$0.000978	per kWh
Secondary \leq 10 kVA	\$0.001067	per kWh
Secondary \geq 10 kVA	\$0.000735	per kWh
Primary	\$0.001921	per kWh
Transmission – Non-profit governmental	\$0.000226	per kWh
Transmission – Industrial	\$0.00000	per kWh
Lighting	N/A	N/A

Elements of Recovery and Coordination of Base Rate Recovery—16 TAC §§ 25.182(d)(1) and (d)(6)

35. CenterPoint Houston's EECRF is calculated to recover the preceding year's total under-recovery with the required interest payment as well as to recover CenterPoint Houston's forecasted annual energy-efficiency program expenditures, a performance bonus, CenterPoint Houston's, GCCC's and City of Houston's proceeding expenses from CenterPoint Houston's immediately preceding EECRF docket, and EM&V expenses allocated to CenterPoint Houston by the Commission.
36. CenterPoint Houston does not recover any energy-efficiency costs in its base rates.
37. CenterPoint Houston's EECRF is designed to provide only for energy charges for residential and commercial rate classes.

EECRF Cost Caps—16 TAC § 25.182(d)(7)

38. Before applying the consumer price index adjustment, CenterPoint Houston used a base cost cap of \$0.001351 per kWh for the residential class and \$0.000845 per kWh for the commercial classes. CenterPoint Houston calculated its EECRF cost caps for program year 2022 to be \$0.001364 per kWh for the residential class and \$0.000853 per kWh for the commercial classes.

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39. For purpose of the cost caps, CenterPoint Houston's rate for the residential class is \$0.000969 per kWh and CenterPoint Houston's group rate for the commercial classes is \$0.000847 per kWh.

Over- or Under-Recovery—16 TAC § 25.182(d)(2)

40. CenterPoint Houston requests to collect from each rate class the difference between the actual EECRF revenues and the actual costs for that class, which results in a net under-recovery.
41. CenterPoint Houston accurately calculated its under-recovery of 2020 program costs in the amount of \$2,930,333 plus \$93,456 in interest.

Proceeding Expenses—16 TAC § 25.182(d)(3)

42. As part of the application, CenterPoint Houston filed the affidavit of Se H. Chang, senior counsel for CenterPoint Houston, to support the reasonableness and necessity of its rate-case expenses in Docket No. 50908. Mr. Chang relied on the factors in 16 TAC § 25.245(b) in reaching his opinion on the reasonableness and necessity of CenterPoint Houston's rate-case expenses. In his affidavit, Mr. Chang stated that CenterPoint Houston's rate-case expenses incurred in its 2020 EECRF proceeding, Docket No. 50908, in the amount of \$44,698 were reasonable and necessary.
43. As part of the application, CenterPoint Houston included the affidavit of attorney Jamie L. Mauldin. Ms. Mauldin testified that Gulf Coast Coalition of Cities' rate case expenses incurred in Docket No. 50908 in the amount of \$15,444.90 were reasonable and necessary and complied with the standards in 16 TAC § 25.245.
44. As part of the application, CenterPoint Houston included the affidavit of Alisa Talley, Division Manager, City of Houston. Ms. Talley testified that the City of Houston's rate case expenses incurred in Docket No. 50908 in the amount of \$8,920 were reasonable and necessary and complied with the standards in 16 TAC § 25.245.

Performance Bonus Calculation—16 TAC § 25.182(e)

45. In 2020, CenterPoint Houston's program costs were \$43,337,156, and the total avoided costs were \$263,551,040 on energy-efficiency programs.

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46. In its application, CenterPoint Houston sought the maximum allowable performance bonus under 16 TAC § 25.182(e), which is 10% of the net benefits of \$220,213,884 achieved through CenterPoint Houston's energy efficiency incentive program costs for exceeding its goal for calendar year 2020.
47. The parties agreed on a \$200,000 reduction to CenterPoint Houston's performance bonus to reflect the removal of certain historical administrative expenses. The resulting performance bonus is \$21,821,388.

Evaluation, Measurement, and Verification Costs—16 TAC § 25.181(o)

48. CenterPoint Houston's share of the estimated total EM&V costs for the evaluation of program year 2021 is \$539,688, and to the maximum extent reasonably possible, it is directly assigned to each rate class that receives services under its programs.

Administrative and Research and Development Cost Caps—16 TAC § 25.181(g)

49. CenterPoint Houston incurred \$3,540,755 in administrative costs and \$318,228 in research and development costs for the 2020 energy-efficiency programs to meet CenterPoint Houston's goals. Including the reduction of \$200,000 to the performance bonus related to 2020 administrative costs, CenterPoint Houston's cumulative cost of the adjusted administration and research and development costs would be approximately 10.22% of the total adjusted program costs.
50. CenterPoint Houston's cost of administration did not exceed 15% of its total costs for program year 2020. CenterPoint Houston's cost of research and development did not exceed 10% of its total program costs for the program year 2020. CenterPoint Houston's cumulative cost of administration and research and development did not exceed 20% of its total program costs for program year 2020.

Cost Effectiveness—16 TAC § 25.181(d)

51. CenterPoint Houston used an avoided cost capacity of \$80 per kW-year for 2020. CenterPoint Houston used Commission Staff's posted avoided cost of energy of \$0.11366 per kW for 2020.

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52. CenterPoint Houston determined that its 2020 portfolio of energy-efficiency programs produced a benefit-cost ratio of 6.09, which exceeds the benefit-cost ratio of 1.0 or greater required by 16 TAC § 25.181(d).
53. The forecasted 2022 energy-efficiency program costs of \$37,598,993 agreed to by the parties are a reasonable estimate of the costs necessary to provide energy-efficiency programs and meet CenterPoint Houston's goals for program year 2022.

Total Cost Recovery—16 TAC § 25.182(d)

54. CenterPoint Houston's net cost recovery of \$63,052,922—which consists of CenterPoint Houston's projected energy efficiency costs to be recovered in 2022; projected EM&V expenses for the evaluation of program year 2021; CenterPoint Houston's net under-recovery, including interest, of program year 2020 energy-efficiency costs; CenterPoint Houston's adjusted performance bonus earned in 2020; CenterPoint Houston's, City of Houston's, and Gulf Coast Coalition of Cities' rate-case expenses incurred in Docket No. 50908; and an adjustment to lower the EECRF revenue requirement—is a reasonable amount.

Rate Classes and Direct Assignment of Cost—16 TAC § 25.182(d)(2)

55. To the maximum extent reasonably possible, CenterPoint Houston directly assigned costs to each rate class that receives services under the programs.

Fostering of Competition Among Energy-Efficiency Service Providers—16 TAC § 25.181(g)(2)

56. CenterPoint Houston has furthered the development of energy-efficiency service providers through training, seminars, and adjusting to changes in the market as they arise. CenterPoint Houston also uses its purchasing policy, which requires competitive bidding for all purchases that equal or exceed \$50,000, to foster competition among energy-efficiency service providers.

Requirements for Standard Offer, Market Transformation, and Self-Delivered Programs—16 TAC §§ 25.181(h)–(j)

57. CenterPoint Houston's energy-efficiency program includes standard offer and market transformation programs.

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Incentive Payments—16 TAC § 25.181(f)

58. CenterPoint Houston's incentive payments for each of its customer classes do not exceed 100% of avoided cost for that class.

Affiliate Costs—PURA § 36.058, 16 TAC §§ 25.181(c)(1) and 25.182(d)(10)(I)

59. The application included the affidavit of Michelle Townsend, manager of business service planning and performance management for CenterPoint Energy, Inc. Ms. Townsend attested that CenterPoint Energy, Inc.'s wholly owned subsidiary CenterPoint Energy Service Company, LLC provides centralized support services to CenterPoint Houston.
60. Ms. Townsend stated that CenterPoint Energy Service Company, LLC's direct charges of \$68,434 to CenterPoint Houston's energy-efficiency department related to information technology needed to operate CenterPoint Houston's energy-efficiency programs were reasonable and necessary.
61. The Commission makes the following findings regarding CenterPoint Energy Service Company, LLC's charges to CenterPoint Houston:
- (a) the charges do not include any affiliate costs that are deemed unrecoverable or prohibited by PURA³ or Commission rules;
 - (b) the services are necessary for CenterPoint Houston's operations regardless of whether the service is performed centrally or by CenterPoint Houston;
 - (c) the services are not duplicative of any of the services provided by CenterPoint Houston;
 - (d) the charges constitute corporate support services under 16 TAC § 25.272(c)(4) and otherwise comply with 16 TAC § 25.272 and PURA § 36.058; and
 - (e) the costs charged to CenterPoint Houston are reasonable and necessary and have been priced no higher than CenterPoint Energy Service Company, LLC's charges to other affiliates for the same service.

³ Public Utility Regulatory Act, Tex. Util. Code §§ 11.001–66.016.

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Energy Efficiency Plan and Report—16 TAC § 25.181(l)

62. On April 1, 2021, CenterPoint Houston filed its 2021 energy-efficiency plan and report (EEPR) in the project annually designated for this purpose⁴ as required by 16 TAC §§ 25.181(l), 25.182(d)(10), and 25.183(d).
63. On June 1, 2021 CenterPoint Houston filed its revised EEPR in Project No. 51672 and in this proceeding as Exhibit SAR-1 of Mr. Richardson's direct testimony.

Low-Income Energy Efficiency—PURA § 39.905(f) and 16 TAC § 25.181(p)

64. CenterPoint Houston's total program expenditures for its targeted low-income program in 2020 were \$4,065,878, which is greater than the required 10% of the total portfolio budget amount of \$37,820,991.
65. CenterPoint Houston's budgeted incentive amount for its targeted low-income program in program year 2022 is \$4,447,251, which is 11.83% of the total adjusted estimated 2022 program costs of \$37,598,993.

Outreach to Retail Electric Providers—16 TAC § 25.181(r)

66. CenterPoint Houston conducted outreach to retail electric providers and continues to promote the participation of retail electric providers in CenterPoint Houston's energy efficiency programs. In 2020, 14 retail electric providers participated in CenterPoint Houston's retail electric provider program by marketing energy savings products and services to residential and commercial customers.

Industrial Customer Exclusions—16 TAC § 25.181(u)

67. CenterPoint Houston's industrial customers taking service at distribution voltage who elected to exclude themselves from CenterPoint Houston's energy-efficiency programs and provided notices under 16 TAC § 25.181(u) constituted an exclusion of 1 million MWh from the calculations of the demand-reduction goal for program year 2022 when applying

⁴ 2021 Energy Efficiency Plans and Reports Under 16 TAC § 25.181, Project No. 51672.

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reasonable line-loss factors as required by 16 TAC § 25.181(e)(3)(B). Those excluded customers have been reflected in the EECRF calculations.

Line Losses—16 TAC § 25.182(d)(10)(M)

68. CenterPoint Houston incorporated the line loss values established in Docket No. 49421 into the peak demand values used to calculate the MW goal. Line loss values for each rate class were weighted according to 2020 program participation to arrive at a cumulative line loss of 5.76%.

Billing Determinants—16 TAC § 25.182(d)(10)(E)

69. The estimate of billing determinants in calculating CenterPoint Houston's 2022 EECRF and the calculation of the proposed 2022 EECRF rates are reasonable.

Good Cause Exceptions—16 TAC §§ 22.5(b), 22.35(b)(2), and 25.181(e)(2) and (d)(2)

70. CenterPoint Houston did not seek a good cause exception to be eligible for a lower demand-reduction goal, a higher administrative spending cap, or a higher EECRF cost cap under 16 TAC § 25.181(e)(2). CenterPoint Houston also did not seek a good cause exception to combine rate classes under 16 TAC § 25.182(d)(2).

Informal Disposition—16 TAC § 22.35(a)

71. More than 15 days have passed since the completion of notice provided in this docket.
72. No hearing is needed.
73. CenterPoint Houston, Commission Staff, Gulf Coast Coalition of Cities, and the City of Houston are the only parties to the proceeding.
74. All the parties to the proceeding signed the agreement.
75. The decision is not adverse to any party.

II. Conclusions of Law

The Commission makes the following conclusions of law.

1. CenterPoint Houston is a public utility as that term is defined in PURA § 11.004(1) and an electric utility as that term is defined in PURA § 31.002(6).

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2. The Commission has jurisdiction over this matter under PURA §§ 14.001, 32.001, 36.001, 36.204, and 39.905.
3. Under PURA § 39.905 and 16 TAC § 25.182(d)(8), an electric utility is required to file for an EECRF.
4. CenterPoint Houston complied with the requirement under 16 TAC § 25.182(d)(8) to apply by June 1 to adjust its EECRF, effective March 1 of the following year.
5. The Commission processed the application in accordance with the requirements of PURA, the Administrative Procedure Act,⁵ and Commission rules.
6. SOAH exercised jurisdiction over this proceeding in accordance with PURA § 14.053 and Texas Government Code § 2003.049.
7. CenterPoint Houston provided notice of the application in accordance with 16 TAC § 25.182(d)(13) and 16 TAC § 22.55, and CenterPoint Houston's affidavit regarding the completion of notice complied with 16 TAC § 25.182(d)(14).
8. CenterPoint Houston's application is sufficient under 16 TAC § 25.182(d)(10) and (d)(11).
9. The hearing on the merits was set, and notice of the hearing was given, in compliance with Texas Government Code §§ 2001.051 and 2001.052.
10. CenterPoint Houston calculated its weather-adjusted average annual growth in demand in compliance with 16 TAC § 25.181(e)(3).
11. CenterPoint Houston has acquired a reduction of four-tenths of 1% of its summer weather-adjusted peak demand of residential and commercial customers in compliance with 16 TAC § 25.181(e)(1)(B) and (e)(1)(C) and (e)(3)(B).
12. CenterPoint Houston's 2022 demand-reduction goal complies with 16 TAC § 25.181(e)(1)(D).

⁵ Tex. Gov't Code §§ 2001.001–2001.903.

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13. CenterPoint Houston calculated its minimum energy-savings goal in compliance with 16 TAC § 25.181(e)(4).
14. CenterPoint Houston's portfolio of energy-efficiency programs achieves more than 5% of its savings through programs for hard-to-reach customers as required by 16 TAC § 25.181(e)(3)(F).
15. CenterPoint Houston's portfolio of energy-efficiency programs effectively and efficiently achieves the goals set out in PURA § 39.905(a) and 16 TAC § 25.181 as required by 16 TAC § 25.181(e)(5).
16. CenterPoint Houston's EECRF uses only energy charges to recovery energy-efficiency costs for residential and commercial rate classes included in the EECRF in compliance with 16 TAC § 25.182(d)(6).
17. CenterPoint Houston's proposed EECRF rates comply with the requirements for cost caps under 16 TAC § 25.182(d)(7).
18. CenterPoint Houston's charge of \$2,930,333 for the under-recovery of 2020 program costs and \$93,456 for calculated interest on the under-recovery, complies with PURA § 39.905(b-1) and 16 TAC § 25.182(d)(2).
19. EECRF proceeding expenses are rate-case expenses.
20. The requirements of 16 TAC §§ 25.182(d)(3) and 25.245 apply to the recovery of EECRF proceeding expenses.
21. CenterPoint Houston's 2020 rate-case expenses of \$44,698 comply with PURA § 36.061(b)(2) and 16 TAC §§ 25.182(d)(3)(A) and 25.245.
22. The Gulf Coast Coalition of Cities' 2020 rate-case expenses of \$15,444.90 comply with PURA § 33.023(a) and 16 TAC §§ 25.182(d)(3)(B) and 25.245.
23. The City of Houston's 2020 rate-case of expenses of \$8,920 comply with PURA § 33.023(a) and 16 TAC §§ 25.182(d)(3)(B) and 25.245.

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24. CenterPoint Houston qualified for and accurately calculated the agreed energy-efficiency performance bonus of \$21,821,388 for its energy-efficiency achievements in program year 2020 in compliance with the requirements of PURA § 39.905 and 16 TAC § 25.182(e).
25. An adjustment to lower CenterPoint Houston's 2022 EECRF revenue requirement by \$115,000 is permissible under 16 TAC 25.182(d)(15).
26. The amounts and allocation of CenterPoint Houston's administrative and research and development costs, as adjusted by the agreement among parties, comply with 16 TAC § 25.181(g).
27. CenterPoint Houston's portfolio of energy-efficiency programs adhere to the cost-effectiveness parameters contained in 16 TAC § 25.181(d).
28. CenterPoint Houston's 2022 energy-efficiency program costs of \$37,598,993 to be recovered through the EECRF are reasonable estimates of the costs necessary to provide energy-efficiency programs in 2022 in compliance with PURA § 39.905 and 16 TAC § 25.182(d).
29. CenterPoint Houston's cost recovery of \$63,052,922—which consists of estimated 2022 program costs, EM&V expenses to be recovered in 2022, CenterPoint Houston's net under-recovery of program year 2020 energy-efficiency costs plus interest, CenterPoint Houston's agreed performance bonus earned in 2020, rate case expenses from Docket No. 50908, and an adjustment to lower the amount recovered through the EECRF revenue requirement—complies with PURA § 39.905 and 16 TAC § 25.182(d).
30. The assignments and allocations of CenterPoint Houston's proposed 2022 EECRF rates to the rate classes are reasonable and comply with PURA § 39.905(b)(4) and 16 TAC § 25.182(d)(2).
31. CenterPoint Houston has adopted measures to foster competition among energy-efficiency service providers in compliance with 16 TAC § 25.181(g)(2).
32. CenterPoint Houston's standard offer and market transformation programs comply with PURA § 39.905(a)(3) and 16 TAC § 25.181(h) through (k).

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33. CenterPoint Houston's incentive payments, which do not exceed 100% of avoided cost, comply with 16 TAC § 25.181(f).
34. The annual expenditures for CenterPoint Houston's targeted low-income energy-efficiency program exceed the minimum requirement of being 10% of the energy efficiency budget for the program year in compliance with PURA § 39.905(f) and 16 TAC § 25.181(p).
35. CenterPoint Houston's outreach and information programs meet the requirement in PURA § 39.905(a)(4) and 16 TAC § 25.181(r) to encourage and facilitate the involvement of retail electric providers in the delivery of efficiency and demand-response programs.
36. The affiliate expenses included in CenterPoint Houston's EECRF rates approved in this Order are reasonable and necessary and comply with PURA § 36.058 and 16 TAC §§ 25.181(c)(1), 25.182(d)(10)(1), and 25.272(e).
37. CenterPoint Houston's load associated with industrial customers who provided qualifying identification notice was excluded from CenterPoint Houston's calculated demand-reduction goal in accordance with 16 TAC § 25.181(u).
38. CenterPoint Houston's proposed 2022 EECRF rates are just and reasonable under PURA § 36.003(a).
39. In accordance with PURA § 36.003(b), CenterPoint Houston's proposed 2022 EECRF rates are not unreasonably preferential, prejudicial, or discriminatory and are sufficient, equitable, and consistent in application to each consumer class.
40. In accordance with 16 TAC § 25.182(d)(9)(B), CenterPoint Houston is required to serve notice of the approved rates and the effective date of the approved rates on the retail electric providers that are authorized to provide service in its service area by the working day after CenterPoint Houston files its approved EECRF tariff with central records. The notice may be served by email.
41. This proceeding meets the requirements for informal disposition under 16 TAC § 22.35.

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III. Ordering Paragraphs

In accordance with these findings of fact and conclusions of law, the Commission issues the following orders:

1. The Commission approves CenterPoint Houston's EECRF, as modified by the agreement, to the extent provided in this Order.
2. The Commission approves CenterPoint Houston's 2022 EECRF in the amount of \$63,052,922, which is composed of the following:
 - (a) CenterPoint Houston's agreed forecasted energy-efficiency costs of \$37,598,993 in program year 2022;
 - (b) EM&V expenses of \$539,688 for the evaluation of program year 2021;
 - (c) a charge of \$2,930,333 for the under-recovery, including interest of \$93,456, of program year 2020 energy-efficiency costs;
 - (e) rate-case expenses in the amount of \$69,063 incurred by CenterPoint Houston, City of Houston, and the Gulf Coast Coalition of Cities in Docket No. 50908; and
 - (f) a performance bonus of \$21,821,388.
3. The Commission approves CenterPoint Houston's EECRF tariff rider schedule attached as attachment B to the parties' agreement.
4. The Commission authorizes CenterPoint Houston to apply the EECRF tariff rider approved by this Order starting on March 1, 2022.
5. Within 30 days of this Order, CenterPoint Houston must reimburse the Gulf Coast Coalition of Cities \$15,444.90 related to their 2020 EECRF rate case expenses.
6. Within 30 days of this Order, CenterPoint Houston must reimburse the City of Houston \$8,920 related to their 2020 EECRF rate case expenses.
7. Within ten days of the date of this Order, CenterPoint Houston must provide a clean copy of the EECRF tariff approved by this Order to Central Records to be marked *Approved* and filed in the Commission's tariff books.

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8. CenterPoint Houston must serve notice of the approved rates and the effective date of the approved rates to retail electric providers that are authorized to provide service in its service area by the working day after CenterPoint Houston files its approved EECRF tariff with Central Records. The notice may be served by email.
9. Entry of this Order does not indicate the Commission's endorsement or approval of any principle or methodology that may underlie the agreement and must not be regarded as precedential as to the appropriateness of any principle or methodology underlying the agreement.
10. The Commission denies all other motions and any other requests for general or specific relief that have not been expressly granted.

Signed at Austin, Texas the _____ day of _____ 2021.

PUBLIC UTILITY COMMISSION OF TEXAS

PETER M. LAKE, CHAIRMAN

WILL MCADAMS, COMMISSIONER

LORI COBOS, COMMISSIONER

JIMMY GLOTFELTY, COMMISSIONER

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	\$0.000978	Per kWh
Secondary Service Less than or Equal to 10 kVA	\$0.001067	Per kWh
Secondary Service Greater than 10 kVA	\$0.000735	Per kWh
Primary Service	\$0.001921	Per kWh
Transmission Non-Profit Governmental	\$0.000226	Per kWh
Transmission Service – Industrial	\$0.000000	Per kWh
Lighting Services	N/A	N/A

NOTICE

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

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

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

Customer Class	2022 Efficiency Costs	2020 Performance Bonus Recovery	2020 (Over)/Under-recovery of Program Costs and Revenue	2020 (Over)/Under-Recovery Interest	2022 Rider EECRF Recovery	2022 - 2023 Billing Determinants	Preliminary Rider EECRF Charges	2022 EM&V Costs	2020 CEHE Rate Case Expenses	2020 Muni. Rate Case Exp.	2020 Administrative Expense Adjustments	2022 Total Rider EECRF Recovery	Total 2022 - 2023 Billing Determinants	Total Rider EECRF Charges Effective March 1, 2022	
	(1)	(2)	(3)	(4)	(5) (1) + (2) + (3) + (4)	(6)	(7) (5) / (6)	(8)	(9)	(10)	(11)	(12) (5) + (8) + (9) + (10) + (11)	(13)	(14) (12) / (13)	
Residential	\$ 18,219,923	\$ 11,003,980	\$ 895,457	\$ 28,559	\$ 30,147,918	31,094,421,049	\$0.000970	\$ 218,370	\$ 22,540	\$ 12,287	\$ -	\$ 30,401,115	31,094,421,049	\$0.000978	per kWh
Secondary <=10 kVA	\$ 630,560	\$ 413,515	\$ 44,342	\$ 1,414	\$ 1,089,832	1,042,351,207	\$0.001046	\$ 20,752	\$ 847	\$ 462	\$ -	\$ 1,111,893	1,042,351,207	\$0.001067	per kWh
Secondary >10 kVA	\$ 15,034,717	\$ 7,893,720	\$ 458,205	\$ 14,613	\$ 23,401,256	32,189,254,266	\$0.000727	\$ 229,420	\$ 16,169	\$ 8,814	\$ -	\$ 23,655,659	32,189,254,266	\$0.000738	per kWh
Primary Service	\$ 3,610,143	\$ 2,450,451	\$ 1,501,599	\$ 47,890	\$ 7,610,083	4,001,222,289	\$0.001902	\$ 70,434	\$ 5,019	\$ 2,736	\$ -	\$ 7,688,272	4,001,222,289	\$0.001921	per kWh
Transmission Non-Profit Governmental	\$ 103,650	\$ 59,722	\$ 30,794	\$ 982	\$ 195,148	869,000,000	\$0.000225	\$ 712	\$ 122	\$ 67	\$ -	\$ 196,049	869,000,000	\$0.000226	per kWh
Transmission Services	\$ -	\$ -	\$ -	\$ -	\$ -	22,747,286,201	\$0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	22,747,286,201	\$0.000000	per kWh
Lighting	\$ -	\$ -	\$ (64)	\$ (2)	\$ (66)	247,992,548	\$0.000000	\$ -	\$ -	\$ -	\$ -	\$ (66)	247,992,548	\$0.000000	per kWh
Total	\$ 37,598,993	\$ 21,821,388	\$ 2,930,333	\$ 93,456	\$ 62,444,171	92,191,527,561		\$ 539,688	\$ 44,698	\$ 24,365	\$ -	\$ 63,052,922	92,191,527,561		
Check:	\$ 37,598,993	\$ 21,821,388	\$ 2,930,333	\$ 93,456	\$ 62,444,171	92,191,527,561		\$ 539,688	\$ 44,698	\$ 24,365	\$ -	\$ 63,052,922	92,191,527,561		

	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	\$0.000969	\$0.001225	\$0.001244	\$0.001266	\$0.001266	\$0.001277	\$0.001303	\$0.001332	\$0.001351	\$0.001364	Satisfactory
Commercial	\$0.000847	\$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
Commercial:	\$ 19,438,343						
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
Residential:	\$ 12,648,727						
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
Hard-to-Reach:	\$ 5,626,923						
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
TOTAL		\$18,275,650	\$632,489	\$15,080,702	\$3,621,185	\$103,967	\$37,713,993
Breakout of Planned 2022 Program Expenditures:							
		RESIDENTIAL	SECONDARY < 10 kVA	SECONDARY > 10 kVA	PRIMARY VOLTAGE	TRANSMISSION VOLTAGE	
2022 TOTAL - ALL PROGRAMS		\$18,275,650	\$632,489	\$15,080,702	\$3,621,185	\$103,967	\$37,713,993
		48.46%	1.68%	39.99%	9.60%	0.28%	
Settlement Adjustment		\$ (55,727)	\$ (1,929)	\$ (45,985)	\$ (11,042)	\$ (317)	\$ (115,000.00)

2022 Budget

\$	7,072,047
\$	6,451,130
\$	3,574,645
\$	1,018,582
\$	139,224
\$	54,471
\$	876,300
\$	251,944
\$	
\$	1,298,779
\$	972,800
\$	4,477,856
\$	356,591
\$	1,034,955
\$	2,772,443
\$	841,523
\$	645,724
\$	-
\$	248,056
\$	
\$	627,769
\$	551,903
\$	4,447,251

2020 kWh Savings - CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Schedule C

2020 kWh Savings	RESIDENTIAL	SECONDARY < 10 kVA	SECONDARY > 10 kVA	PRIMARY VOLTAGE	TRANSMISSION VOLTAGE
Large Commercial					
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	-	-	-
Residential and Small Commercial Customers:					
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	-	-	-	-
Hard-to-Reach Customers:					
Hard-to-Reach SOP	1,022,189	-	-	-	-
Multi-Family MTP HTR	990,290	-	-	-	-
Targeted Low Income MTP (Agencies in Action)	7,774,579				
TOTALS	97,329,821	4,900,511	70,685,745	16,655,420	16,396
	RESIDENTIAL	SECONDARY < 10 kVA	SECONDARY > 10 kVA	PRIMARY VOLTAGE	TRANSMISSION VOLTAGE
2020 kWh Savings - ALL PROGRAMS	97,329,821	4,900,511	70,685,745	16,655,420	16,396
	51.34%	2.58%	37.28%	8.79%	0.01%
				kWh Sum:	189,587,894

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	%	%	%	%
Large Commercial Customers:	119,005	92,258,073												
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%
Residential and Small Commercial Customers:														
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												
Hard-to-Reach Customers:														
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 < 10 kVA	SECONDARY > 10 kVA	PRIMARY	TRANSMISSION
Large Commercial Customers:					
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	-	-	-
Residential and Small Commercial Customers:					
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	-	-	-	-
Hard-to-Reach Customers:					
Hard-to-Reach SOP	863	-	-	-	-
Multi-Family MTP HTR	172				
Targeted Low Income MTP (Agencies in Action)	4,818	-	-	-	-
TOTAL	52,181.27	934.79	95,141.36	20,196.48	2,732.68

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

Source: Schedule C WP1

Calculation of 2020 Performance Bonus (By Rate Class)

Schedule E

Customer Class		2020		2020
		Performance	Bonus	Performance
	% of 2020 Actual	Bonus	Reduction	Bonus
	EE Expenditures	\$22,021,388	(\$200,000)	\$21,821,388
Residential	50.43%	\$ 11,104,835	\$ (100,854.99)	\$ 11,003,980.07
Secondary <=10 kVA	1.89%	\$ 417,305	\$ (3,790.00)	\$ 413,515.18
Secondary > 10 kVA	36.17%	\$ 7,966,069	\$ (72,348.47)	\$ 7,893,720.50
Primary	11.23%	\$ 2,472,910	\$ (22,459.16)	\$ 2,450,450.55
Transmission Non-Profit Governmental	0.27%	\$ 60,269	\$ (547.37)	\$ 59,722.13
Transmission - Industrial	0.00%	\$ -	\$ -	\$ -
Lighting	0.00%	\$ -	\$ -	\$ -
Total	100.00%	\$ 22,021,388	\$ (200,000.00)	\$ 21,821,388

Class	2020 Actual Energy 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

<u>Performance Incentive Calculation for Calendar Year 2020</u>	kW	kWh
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 < or > 10 years)</i>	171,187	189,587,894
<i>Reported/Verified Hard-to-Reach</i>	5,854	9,787,058
Avoided Cost		
<i>per kW</i>		\$80
<i>per kWh</i>		\$0.05084
<i>Inflation Rate</i>		2.0%
<i>Discount Rate</i>		8.21%
Total Avoided Cost (see avoided cost savings table)		\$263,551,040
2020 Program Costs*		\$43,337,156
Net Benefits = Total Avoided Cost - Total Program Costs		
Net Benefits		\$220,213,884
Bonus based on 10% of Net Benefits		\$22,021,388
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 kVA	Secondary > 10 kVA	Primary	Transmission	Total Commercial Programs	Residential	Total All Programs
	Total 2020						
1 Residential Programs						\$ 17,992,533	\$ 17,992,533
2 Commercial Standard Offer Program (SOP)	\$ 87,713	\$ 4,098,453	\$ 2,641,508	\$ -	\$ 6,827,674		\$ 6,827,674
3 Commercial MTP (SCORE, Healthcare , Data Center)	\$ 528,599	\$ 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)	\$ 4,840	\$ 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
Total by Rate Class	\$ 682,223	\$ 13,023,174	\$ 4,042,789	\$ 98,530	\$ 17,846,716	\$ 18,154,525	\$ 36,001,242

	Secondary < 10 kVA	Secondary > 10 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 Tetra Tech, EM&V Costs 2021	Secondary < 10 kVA	Secondary > 10 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	\$ -
Total		\$ 539,687.85	\$ 20,752.05	\$ 229,419.73	\$ 70,433.88	\$ 711.91	\$ 218,370.27	\$ 539,687.85	\$ -

Calculation of 2020 Rate Case Expenses (By Rate Class)

Schedule F - Page 2

<u>Customer Class</u>		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%	\$ -

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	-\$1,819,750
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		
				<u>\$3,700,000</u>
				\$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:	<u>\$34,351,554.21</u>	\$ 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.
	"Under-collection"	\$ (2,930,333.47) Total Under-recovery to be returned through 2022 EECRF
	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)-Collection to Rate Classes

Schedule P Page 2

								Interest Calculation		
								2020	2021	
								0.0235	0.0082	
2020 Over/(Under)-Expenditure Class Calculation				2020 Over/(Under)-Collection Class Calculation			True-Up			Net True-Up
Class	2020 Actual Energy Efficiency Expenditures (includes bonus, EM&V, over/under recovery, historical admin. adj., and rate case exp.) (1)	2020 Budgeted Energy Efficiency Costs (includes bonus, EM&V, over/ under recovery, historical admin. adj., settlement adj. and rate case exp.) (2)	2020 (Over)/Under Expenditure (3) = (1)-(2)	Approved 2020 EECRF Total Revenue Requirement Amount (4)	2020 EECRF Actual Recovery Amount (5)	2020 EECRF Over / (Under) Collection of Revenue (6) = (5) - (4)	2020 Over/ (Under) Recovery (7) = -(3) + (6)	2020 Over/(Under) Recovery with 2020 Interest (8)	2020 Over/(Under) Recovery with 2020 & 2021 Interest (9)	Net 2020 Over/ (Under) Recovery (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
Total	\$37,281,887	\$35,401,638	\$1,880,249	\$35,401,638	\$34,351,554	(\$1,050,084)	(\$2,930,333)	(\$68,863)	(\$24,593)	(\$3,023,789)
							chk (\$2,930,333)			(\$3,023,789)

chk

Ties to 2021 EEPR Section XIV.

2020 Actual Expenditures

Schedule I

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

Class	2018 Actual Energy Efficiency Expenditures	% of Total	2018 Performance Bonus	2020 EM&V Costs spent of \$550,514	2018 CEHE Rate Case Expenses	2018 Admin. 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-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
Total	\$30,509,259	100.00%	6,738,428	550,514	93,211	0

The following files are not convertible:

Schedules.xlsx

52194 Attachment C - Settlement

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact centralrecords@puc.texas.gov if you have any questions.