

XI. Administrative Funds Expended

In 2017, CenterPoint Houston incurred administrative costs on categories such as continued development of its energy efficiency tracking database (eTrack), 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 Substantive Rule 25.181(i)(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 the portfolio.

XII. Current Energy Efficiency Cost Recovery Factor (EECRF)

CenterPoint Houston's 2018 EECRF was approved by the Public Utility Commission of Texas in Docket No. 47232 on November 2, 2017 for the amount of \$46,321,856.

"CenterPoint Houston's 2018 EECRF is approved in the amount of \$46,321,856 through its 2018 EECRF, which is composed of: (a) estimated 2018 energy-efficiency program costs of \$36,435,834; (b) a performance bonus for 2016 program achievements of \$11,035,335; (c) \$73,821 in 2016 EECRF rate-case expenses; (d) \$1,063,413 in EM&V costs for 2017 and 2018; (e) a credit of \$2,210,578 for the over-recovery of 2016 program costs; and (f) an additional reduction of \$75,969 to CenterPoint Houston's original request through its September 15, 2017, errata"

XIII. Revenue Collected Through EECRF

In 2017, CenterPoint Houston collected a total of \$46,110,757 in energy efficiency program costs through the EECRF Rider.

XIV. Over or Under-recovery of Energy Efficiency Program Costs

In Docket No. 46014, the PUC approved energy efficiency costs to be recovered in 2017 of \$45,492,241 consisting of:

\$36,508,012	2017 Forecasted Program Costs
\$10,608,015	2015 Bonus
-\$ 1,328,468	2015 Over-Recovery
\$0	2017 Forecasted EM&V Expenses
-\$ 67,000	2015 Historical Admin Adjustment
-264,197	2016 Over-recovery Docket 42359
<u>\$ 35,879</u>	2015 Rate Case Expense
\$ 45,492,241	Total EECRF Costs

In 2017, actual program costs were \$31,420,852 and actual EM&V costs were \$531,335 and total energy efficiency related costs were \$40,936,416. Total revenues collected through the EECRF Rider were \$46,110,757, resulting in overall over-recovery of \$5,174,341. EM&V costs were not recovered in 2017 and are part of the 2018 EECRF.

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 2017. 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 experienced in 2017 through the company's energy efficiency programs.

XVI. Performance Bonus Calculation

In 2017, CenterPoint Houston's total spending on the implementation of Energy Efficiency Programs was \$31,420,852. Per Substantive Rule § 25.181, the calculation of performance bonus is 10% of Net Benefits. Therefore, CenterPoint Houston will request a performance bonus of \$9,491,299 as part of the 2018 EECRF filing.

Table 12 shows the performance bonus calculation for CenterPoint Houston for 2017

		kW	kWh
2017 Program Goals		60,420	105,855,840
2017 Program Savings		188,425	183,438,841
<i>Reported/Verified Total (including HTR, measures with 10yr EUL, and measures with EULs < or > 10 years)</i>		188,425	183,438,841
<i>Reported/Verified Hard-to-Reach</i>		5,430	7,582,500
Avoided Cost			
	<i>per kW</i>		\$80
	<i>per kWh</i>		\$0.03989
	<i>Inflation Rate</i>		2.0%
	<i>Discount Rate</i>		8.21%
Total Avoided Cost¹¹		\$	126,525,075
2017 Program Costs¹²		\$	31,612,083
Net Benefits = Total Avoided Cost - Total Program Cost			
Net Benefits		\$	94,912,992
Bonus Based on 10% Net Benefits		\$	9,491,299

¹¹ Complete avoided cost savings table will be provided in the June 1 filing of the EECRF.

¹² Total Program Costs is inclusive of 2017 total spending for implementation of Energy Efficiency Programs, 2017 EM&V Expenses, and 2017 Rate Case Expenses.

Appendix A: Acronyms

CCET	Center for the Commercialization of Electric Technologies
CLM	Commercial Load Management
DR	Demand Response
DSM	Demand Side Management
EECRF	Energy Efficiency Cost Recovery Factor
EEP	Energy Efficiency Plan, which was filed as a separate document prior to April 2008
EEPR	Energy Efficiency Plan and Report
EER	Energy Efficiency Report, which was filed as a separate document prior to April 2008
ERCOT	Electric Reliability Council of Texas
HERS	Home Energy Ratings
HTR	Hard-To-Reach
MTP	Market Transformation Program
PUCT	Public Utility Commission of Texas
RCx	Retro-Commissioning
REP	Retail Electrical Provider
RES	Residential
RESNET	Residential Energy Services Network
SCORE	Schools Conserving Resources
SOP	Standard Offer Program
SSP	Sustainable Schools Program

Appendix B: Glossary

Please refer to the glossary defined in Substantive Rule § 25.181.

Appendix C
CenterPoint Energy Houston Electric, LLC Efficiency Programs
Energy Efficiency Programs
2017 Demand (kW) and Energy (kWh) Savings at Meter By County

Program		Alameda	Aransas	Brewster	Calhoun	Chambers	Colorado	Dallas	DeWitt	Elberta	Galveston	Harris	Hidalgo	Jefferson	Madison	Maricopa	Monroe	Newton	Orange	Polk	Rockwall	Tarrant	Travis	Waller	Wichita	Winn	Wright	Yamhill	Yuba
Large Commercial EOP	kW	128.2	591.7	814.9	113.8	5,654.1	35,127,422.1			22.4																			
	kWh	804,854.0	2,417,459.0	5,318,028.0	752,072.0	35,127,422.1				95,424.0																			
Commercial MTP - Basic	kW	57.5	444.6	361.8	232.9	2,707.4				3.2																			
	kWh	97,077.0	2,360,387.0	1,721,132.0	1,220,619.0	17,332,496.0				21,338.0																			
Commercial MTP - Healthcare	kW					549.2																							
	kWh					6,633,151.0																							
Large Commercial Load Management EOP	kW	4,148.2	927.5	4,790.7	599.2	114,889.2				140.9																			
	kWh	24,889.2	5,565.0	24,201.4	3,395.2	687,919.1				845.4																			
Retro-Commissioning MTP	kW					16.5																							
	kWh					462,663.8				1,648,738.0																			
RFP (Commercial Cookware)	kW	1.4				78.6																							
	kWh	2,832.0				136,114.0				83,350.0																			
Sustainable Schools	kW					466.0																							
	kWh					3,661,636.0																							
Advanced Lighting Commercial	kW	9.3		29.9	11.4	132.7				6.0																			
	kWh	46,667.1		149,672.5	56,897.8	664,101.3				30,160.5																			
Data Centers Program	kW					544.1																							
	kWh					4,161,345.0																							
New Homes MTP	kW	1,066.1	147.7	5,244.1	142.3	8,354.7				732.5																			
	kWh	3,427,860.0	515,312.5	16,729,222.7	491,132.3	27,615,029.8				2,399,475.7																			
Residential & BC EOP	kW	2.1	1.7	0.3	11.2	4.2				50.9																			
	kWh	5,196.0	4,492.0	521.4	20,581.1	11,604.2				90,063.4																			
Advanced Lighting Residential	kW					567.3				2,520.7																			
	kWh					2,843,778.0				12,617,923.4																			
Residential & BC AC Interceptor MTP	kW	1.8	185.5	9.0	799.2	30.9				1,015.1																			
	kWh	5,317.4	477,154.6	24,529.0	1,889,215.9	79,811.0				5,019,462.1																			
RFP (Residential Cookware)	kW	1.5	82.3	4.6	394.6	24.1				1,017.7																			
	kWh	3,720.9	209,161.0	11,766.0	1,005,210.0	63,632.0				2,664,493.0																			
RFP (Efficiency Connection)	kW	0.3	10.6	0.6	28.5	4.7				179.9																			
	kWh	1,625.1	53,818.6	3,182.8	145,011.2	24,034.4				858,343.6																			
Residential Demand Response Program	kW	9.4	1,248.8	172.3	2,983.1	253.2				11,656.7																			
	kWh	56.4	7,492.9	1,033.5	17,910.5	1,518.9				69,940.1																			
Multi-Family High Efficiency New Construction	kW					116.0																							
	kWh					48,387.8				530,999.1																			
Multi-Family Water & Space Heating MTP (H2O)	kW					149.4				1,182.9																			
	kWh					361,424.7				1,463,610.5																			
Smart Pool Program Residential	kW	0.6	26.4	4.8	100.1	7.2				520.2																			
	kWh	2,470.2	78,142.8	16,808.6	412,569.0	26,961.7				1,906,166.7																			
Energy Wise Resource Action MTP	kW					67.1				179.7																			
	kWh					79,974.9				801,752.1																			
Hard-to-Reach EOP Program	kW					48.7																							
	kWh					522,539.2																							
Multi-Family Water & Space Heating MTP (H2O)	kW					755.6																							
	kWh					628,007.8																							
Multi-Family Direct Install	kW					20.8																							
	kWh					101,282.2																							
Multi-Family High Efficiency New Construction (H2O)	kW					20.8																							
	kWh					48,429.7																							
Targeted Low Income MTP (Agency in Action)	kW					14.1				3,841.0																			
	kWh					18,087.9				5,081,497.3																			
RFP (Consumer Income Qualified)	kW					1.2																							
	kWh					2,058.0																							
Program TOTAL																													
Total kWh Savings		77.2	7,852.9	7,799.5	16,458.8	1,287.2	157,947.9	7.3	4.0	2,201.3	120.8	178.8	188,424.8																
Total kWh Savings		118,203.1	3,270,724.1	2,996,178.1	31,459,884.1	3,492,439.1	231,413,882.1	80.9	90.0	4,163,212.1	116,879.1	456,391.1	171,438,810.1																

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

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 CNP. 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 2017 energy efficiency program year, Service Company billed directly to CenterPoint Houston's energy efficiency department a total of \$31,603 in affiliate expense related to information technology and legal services necessary to operate CenterPoint Houston's energy efficiency program and meet the requirements of PURA § 39.905 and 16 Tex. Admin. Code ("TAC") § 25.181. 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 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 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.

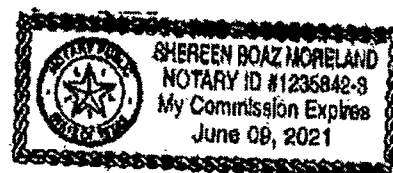
7. Affiliate costs directly billed to CenterPoint Houston are priced exactly the same as those provided to other affiliates. Each business unit is charged costs based on the same terms. Such equal treatment is necessary to ensure that all affiliates bear their appropriate costs. For services billed on 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. In preparing this case, the Company employed the same methods that it used to prepare its affiliate billing information in the Company's last general rate case, Docket No. 38339, *Application of CenterPoint Energy Houston Electric, LLC for Authority to Change Rates*. The nature of the directly billed costs and the methodologies by which those costs are determined have not changed since the Public Utility Commission of Texas ("Commission") approved them for CenterPoint Houston in Docket No. 38339.
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 23rd day of May 2017.


Notary Public in and for the State of Texas



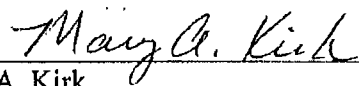
STATE OF TEXAS §
 §
COUNTY OF HARRIS §

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:

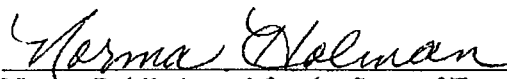
1. "My name is Mary A. Kirk. I am of sound mind and capable of making this affidavit. The facts stated herein are true and correct based on my personal knowledge.
2. I am Director of Financial Accounting for CenterPoint Energy, Inc. ("CNP"), which is the parent company of the applicant in this proceeding, CenterPoint Energy Houston Electric, LLC ("CenterPoint Houston" or the "Company"). I assumed this position effective July 16, 2012.
3. As Director of Financial 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, property accounting, gas cost accounting, and revenue 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.

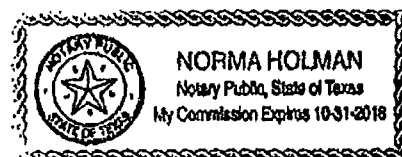


Mary A. Kirk

SUBSCRIBED AND SWORN TO BEFORE ME on this 7 day of May, 2018.



Notary Public in and for the State of Texas



STATE OF TEXAS §
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COUNTY OF HARRIS §

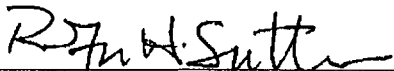
AFFIDAVIT OF RANDOLPH H. SUTTON

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

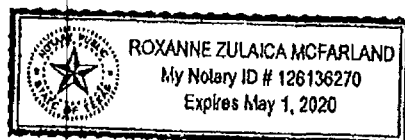
1. My name is Randolph H. Sutton. I am of sound mind and capable of making this affidavit. The facts stated herein are true and correct based upon my personal knowledge.
2. I am the Manager of Human Resources, at CenterPoint Energy Service Company, LLC ("Service Company"), which is a wholly-owned subsidiary 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"). In my current role, I serve as the Company's witness regarding the Human Resource aspects of CNP's rate and regulatory filings, including compensation and benefit programs.
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 national, regional and local survey data. CNP relies on these types of surveys to establish total compensation levels that approximate the median levels our peers and competitors provide for jobs that are similar to CNP's jobs. We collect objective, confidential total compensation data reflective of a broad representation of the market.
7. The CNP Short Term Incentive Plan ("STI") provides an opportunity for annual incentive pay based on the attainment of annual financial and operational performance targets, including operating income, efficiency of operations, customer service and safety. All of the performance targets provide direct benefits to customers by motivating employee behaviors such as expense management and operational efficiency, which are critical to limiting cost increases that would otherwise need to be recovered in rates.

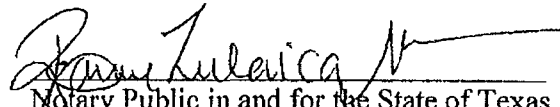
8. The Company is not requesting any costs of long-term compensation as part of this filing.
9. CNP's benefits philosophy is to provide a comprehensive set of benefits to meet employees' health and welfare and financial security needs in an affordable and efficient manner with the overall value targeted at the median of the marketplace, which is similar to its compensation philosophy.
10. CNP offers the following types of benefits as part of its comprehensive benefits plan: (1) Health and Welfare plans; (2) Qualified and Non-Qualified Retirement Plans; (3) Qualified and Non-Qualified Savings Plans; (4) Postretirement Welfare Plans; (5) Postemployment Welfare Plans; and (6) Deferred Compensation Plans.
11. 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.
12. 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.
13. The Company's compensation and benefit levels have been approved in previous dockets before this Commission, most recently in PUC Docket No. 38339, and they have not changed substantively since they were last approved.

Further affiant sayeth not.


Randolph H. Sutton

SUBSCRIBED AND SWORN TO BEFORE ME on this 23 day of May, 2018.




Notary Public in and for the State of Texas

DOCKET NO. _____

APPLICATION OF CENTERPOINT	§	
ENERGY HOUSTON ELECTRIC, LLC	§	PUBLIC UTILITY COMMISSION
FOR APPROVAL OF AN	§	
ADJUSTMENT TO ITS ENERGY	§	OF TEXAS
EFFICIENCY COST RECOVERY	§	
FACTOR	§	

AFFIDAVIT OF MICKEY S. MOON

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

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

1. My name is Mickey S. Moon. 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 Assistant General Counsel.
3. I have a BA in Political Science from The University of Texas at Arlington and a JD from The University of Tulsa School of Law. I am licensed to practice law in Arkansas, Oklahoma and Texas. I am also licensed and have appeared in state and federal courts in Oklahoma as well as the United States Court of Appeals for the District of Columbia Circuit.
4. After graduation from law school, I was employed as an Assistant Attorney General for the State of Oklahoma for approximately five years, during which time I represented Oklahoma utility ratepayers primarily in proceedings before the Oklahoma Corporation Commission. I was also a captain in the United States Army Reserve and served as a lawyer in the Army's Judge Advocate General Corps for approximately six years after the September 11, 2001 terrorist attacks.
5. I have been employed by CenterPoint Energy Service Company, LLC as an attorney in its legal department for approximately 15 years. During the first few years of my career at CenterPoint Energy, I represented the company's natural gas utility business in Arkansas, Louisiana, Oklahoma, and Texas. I then represented the company's natural gas marketing and trading business for a number of years. I have represented the electric utility business, CenterPoint Energy Houston Electric, LLC ("CEHE"), for approximately the last three years.

6. Over the course of my entire career at CenterPoint Energy I have appeared, and hired and managed outside counsel and testifying and consulting experts, in numerous contested cases, rulemakings, investigations and routine matters before different state and federal administrative agencies, including the Federal Energy Regulatory Commission, the Commodity Futures Trading Commission, the Arkansas Public Service Commission, the Louisiana Public Service Commission, the Oklahoma Corporation Commission, the Railroad Commission of Texas, and the Public Utility Commission of Texas (the "PUCT").
7. First as an Assistant Attorney General for the State of Oklahoma and then as Assistant General Counsel for CenterPoint Energy Service Company, LLC, I have been responsible for reviewing and approving invoices from outside law firms and consultants.
8. As Assistant General Counsel for CenterPoint Energy Service Company, LLC, which is responsible for providing legal services to all business units of CenterPoint Energy, Inc., a Fortune 500 corporation, 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.
9. Based on the above experience, I have previously provided testimony before the Railroad Commission of Texas and the PUCT regarding the reasonableness of legal fees.
10. In the 2017 *Application of CenterPoint Energy Houston Electric, LLC for Approval of an Adjustment to Its Energy Efficiency Cost Recovery Factor* ("EECRF"), Docket No. 47232, CEHE was represented by outside counsel with the law firm Parsley Coffin Renner LLP ("PCR"), now known as Coffin Renner LLP. The PCR attorneys who worked on this matter have extensive experience representing utilities before the PUCT.
11. Mark Santos was the primary lawyer at PCR representing CEHE in its 2017 EECRF filing in Docket No. 47232. Mr. Santos has been one of CEHE's outside counsels in various PUCT proceedings for approximately 9 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.
12. 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.
13. The invoices to CEHE from PCR for work in Docket No. 47232 total \$23,335 and are attached. I have personally reviewed the invoices on behalf of CEHE.
14. 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:

- (1) the time and labor required, novelty and difficulty of the questions involved and the skill requisite to perform the legal services properly;
- (2) the likelihood that acceptance of employment will preclude other employment by the attorney;
- (3) the customary fee charged in the locality for similar legal services;
- (4) the amount of time involved and result achieved;
- (5) time limitation imposed by the client or circumstances;
- (6) the nature and length of the professional relationship with the client;
- (7) the experience, reputation and ability of the lawyers involved; and
- (8) whether the fee is fixed or contingent or uncertain of collection before the legal services are rendered.

15. 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 agr.):

- (1) time and labor required;
- (2) nature and complexity of the case;
- (3) amount of money or value of property or interest at stake;
- (4) extent of responsibilities the attorney assumes;
- (5) whether the attorney loses other employment because of the undertaking; and
- (6) benefits to the client from the services.

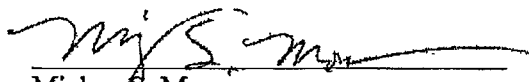
16. I also considered the relevant criteria relating to the reasonableness of rate case expenses in 16 Tex. Admin. Code ("TAC") § 25.245(b):

- (1) the nature, extent, and difficulty of the work done by the attorney or other professional in the rate case;
- (2) the time and labor required and expended by the attorney or other professional;
- (3) the fees or other consideration paid to the attorney or other professional for the services rendered;
- (4) the expenses incurred for lodging, meals and beverages, transportation, or other services or materials;
- (5) the nature and scope of the rate case, including:
 - (A) the size of the utility and number and type of consumers served;
 - (B) the amount of money or value of property or interest at stake;
 - (C) the novelty or complexity of the issues addressed;
 - (D) the amount and complexity of discovery;
 - (E) the occurrence and length of a hearing; and

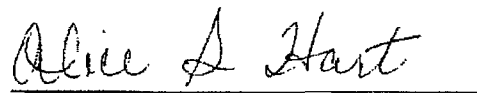
- (6) the specific issue or issues in the rate case and the amount of rate-case expenses reasonably associated with each issue.
17. As noted above, I am familiar with the rates for utility regulatory work in Texas and elsewhere. Generally speaking, the rates charged by any individual lawyer typically 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 in this case 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. That is, 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 at the end of the day 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 is not reasonable, even though the hourly rate is low.
18. I am familiar with many regulatory lawyers in the Texas bar, and the lawyers at PCR enjoy excellent reputations for providing a high level of quality work on both complex and routine appellate matters. PCR works on matters of significant importance to Fortune 500 clients. In my experience, the hourly rates of PCR for work done in Docket No. 47232 are consistent with other Texas lawyers performing similar work in Texas. Rates for lawyers at the PUCT, in my experience, have recently ranged, depending on the experience of the lawyer between \$300 to more than \$700 (and sometimes more for very specialized subject matters, like tax regulatory work). The rates for PCR's work in Docket No. 47232 are in the expected range.
19. The rates charged by PCR for Docket No. 47232 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.
20. In my opinion, the hourly rates charged by PCR in Docket No. 47232 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 PCR (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.
21. 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:

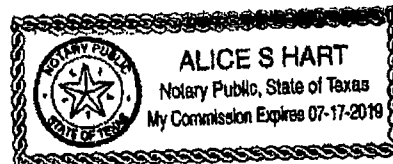
- (1) The rate case expense documentation CEHE is filing shows that the fees paid to, tasks performed by, and time spent on a task by an attorney, expert witness, or other professional in these cases is not extreme or excessive;
- (2) The rate case expense documentation CEHE is filing shows that the expenses incurred for lodging, meals and beverages, transportation, or other services or materials were not extreme or excessive;
- (3) CEHE's applications, testimony, and related materials in Docket No. 47232 as well as the rate case documentation CEHE is filing show there was no unnecessary duplication of services or testimony;
- (4) 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;
- (5) CEHE's rate case expenses in Docket No. 47232 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
- (6) 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).

22. Based on my experience and after considering the factors listed in paragraphs 14, 15 and 16 above, the \$23,335 in rate case expenses incurred by CEHE in Docket No. 47232 were reasonable and necessary for the work performed.


Mickey S. Moon

SUBSCRIBED AND SWORN TO BEFORE ME by the said Mickey S. Moon on the 31st
day of May, 2018.


Notary Public, State of Texas



Parsley Coffin Renner LLP
P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2017 EECRF

Invoice #: 6499

Matter #: 2017 1217

Invoice Date: 05/16/2017

Matter Desc: 2017 EEPR & EECRF Docket

Invoice Total: \$170.00

Main Assignee: Moon, Mickey

Invoice Detail

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark A.	04/26/2017	0.40	\$425.00	\$170.00	Communicate with client A. Machtemes, et al. re EECRF filing
Matter Total:		0.40		\$170.00	

Fees / Expense Summary

Fees:	\$170.00
Expenses:	
Total Amt Due:	<hr/> \$170.00

Parsley Coffin Renner LLP
P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2017 EECRF

Invoice #: 6524

Matter #: 2017 1217

Invoice Date: 06/21/2017

Matter Desc: 2017 EEPR & EECRF Docket

Invoice Total: \$5,417.50

Main Assignee: Moon, Mickey

Invoice Detail

Performed By	Date	Hours	Rate	Total	Description
Roberts, Justin C.	05/09/2017	0.40	\$250.00	\$100.00	Research re amendments to EECRF rule
Santos, Mark A.	05/17/2017	1.10	\$425.00	\$467.50	Review/Analyze rate case expense recovery issue re municipalities
Santos, Mark A.	05/18/2017	0.20	\$425.00	\$85.00	Communicate w/other external COH re rate case expenses
Santos, Mark A.	05/19/2017	0.30	\$425.00	\$127.50	Communicate w/other external COH re rate case expenses
Santos, Mark A.	05/22/2017	4.30	\$425.00	\$1,827.50	Review/Analyze draft testimony and issues
Santos, Mark A.	05/23/2017	3.40	\$425.00	\$1,445.00	Draft/Revise EECRF application
Roberts, Justin C.	05/24/2017	0.70	\$250.00	\$175.00	Draft/Revise public notice
Santos, Mark A.	05/24/2017	1.30	\$425.00	\$552.50	Review/Analyze draft application and notice
Santos, Mark A.	05/25/2017	0.40	\$425.00	\$170.00	Communicate with client A. Machtemes, et al. re draft EECRF filing
Santos, Mark A.	05/26/2017	0.90	\$425.00	\$382.50	Review/Analyze application and testimony
Santos, Mark A.	05/30/2017	0.20	\$425.00	\$85.00	Communicate with client A. Machtemes re draft application
Matter Total:		13.20		\$5,417.50	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Roberts, Justin C.	\$250.00	1.10	\$275.00
Santos, Mark A.	\$425.00	12.10	\$5,142.50
	Sum:	13.20	\$5,417.50

Expenses

[illegible]

Fees / Expense Summary

Fees:	\$5,417.50
Expenses:	
Total Amt Due:	<hr/> \$5,417.50

Parsley Coffin Renner LLP

P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2017 EECRF

Invoice #: 6547

Matter #: 2017 1217

Invoice Date: 07/21/2017

Matter Desc: 2017 EEPR & EECRF Docket

Invoice Total: \$1,260.00

Main Assignee: Moon, Mickey

Invoice Detail

Performed By	Date	Hours	Rate	Total	Description
Roberts, Justin C.	06/09/2017	1.30	\$250.00	\$325.00	Draft/Revise list of issues
Santos, Mark A.	06/13/2017	0.30	\$425.00	\$127.50	Draft/Revise list of issues
Santos, Mark A.	06/20/2017	0.30	\$425.00	\$127.50	Review/Analyze discovery issues
Santos, Mark A.	06/20/2017	0.30	\$425.00	\$127.50	Review/Analyze procedural schedule
Santos, Mark A.	06/21/2017	1.10	\$425.00	\$467.50	Draft/Revise procedural schedule
Santos, Mark A.	06/22/2017	0.20	\$425.00	\$85.00	Review/Analyze preliminary order
Matter Total:		3.50		\$1,260.00	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Roberts, Justin C.	\$250.00	1.30	\$325.00
Santos, Mark A.	\$425.00	2.20	\$935.00
	Sum:	3.50	\$1,260.00

Expenses

Date	Description	Amount
Total Expenses:		

Fees / Expense Summary

Fees:	\$1,260.00
Expenses:	
Total Amt Due:	<hr/> \$1,260.00

Parsley Coffin Renner LLP
P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2017 EECRF

Invoice #: 6572

Matter #: 2017 1217

Invoice Date: 08/21/2017

Matter Desc: 2017 EEPR & EECRF Docket

Invoice Total: \$3,102.50

Main Assignee: Moon, Mickey

Invoice Detail

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark A.	07/06/2017	0.40	\$425.00	\$170.00	Communicate w/other external parties re procedural schedule
Santos, Mark A.	07/07/2017	1.90	\$425.00	\$807.50	Communicate w/other external parties and ALJ's assistant re procedural schedule and motion to cancel hearing
Santos, Mark A.	07/11/2017	1.80	\$425.00	\$765.00	Review/Analyze GCCC testimony issue re bonus calculation in AEP and Oncor cases
Santos, Mark A.	07/13/2017	0.20	\$425.00	\$85.00	Communicate with client A. Machtemes re Order No. 2
Santos, Mark A.	07/13/2017	0.20	\$425.00	\$85.00	Communicate w/other external parties re response to Order No. 2
Santos, Mark A.	07/13/2017	0.30	\$425.00	\$127.50	Draft/Revise letter to ALJ re Order No. 2
Santos, Mark A.	07/13/2017	0.20	\$425.00	\$85.00	Review/Analyze Order No. 2
Santos, Mark A.	07/17/2017	0.30	\$425.00	\$127.50	Communicate w/other external Oncor and AEP re intervenor positions in EECRF cases
Santos, Mark A.	07/27/2017	0.20	\$425.00	\$85.00	Communicate with client A. Machtemes re discovery
Santos, Mark A.	07/27/2017	0.40	\$425.00	\$170.00	Review/Analyze draft discovery responses
Santos, Mark A.	07/27/2017	0.80	\$425.00	\$340.00	Review/Analyze GCCC discovery request
Santos, Mark A.	07/28/2017	0.60	\$425.00	\$255.00	Review/Analyze draft discovery responses
Matter Total:		7.30		\$3,102.50	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Santos, Mark A.	\$425.00	7.30	\$3,102.50
	Sum:	7.30	\$3,102.50

Expenses

[illegible]

Fees / Expense Summary

Fees:	\$3,102.50
Expenses:	
Total Amt Due:	<hr/> \$3,102.50

Parsley Coffin Renner LLP
P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2017 EECRF

Invoice #: 6596

Matter #: 2017 1217

Invoice Date: 09/22/2017

Matter Desc: 2017 EEPR & EECRF Docket

Invoice Total: \$5,637.50

Main Assignee: Moon, Mickey

Invoice Detail

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark A.	08/02/2017	0.30	\$425.00	\$127.50	Review/Analyze draft discovery responses
Santos, Mark A.	08/04/2017	0.40	\$425.00	\$170.00	Draft/Revise statement of confidentiality
Santos, Mark A.	08/10/2017	0.40	\$425.00	\$170.00	Review/Analyze draft discovery responses re incentive compensation
Santos, Mark A.	08/10/2017	0.60	\$425.00	\$255.00	Review/Analyze draft errata issue
Azarani, Emma	08/11/2017	0.40	\$175.00	\$70.00	Review/Analyze and finalize for filing CenterPoint's Response to Staff's 1st RFI
Santos, Mark A.	08/11/2017	0.20	\$425.00	\$85.00	Communicate with client A. Machtemes re case status
Santos, Mark A.	08/14/2017	0.20	\$425.00	\$85.00	Communicate with client M. Moon re case status
Santos, Mark A.	08/17/2017	0.30	\$425.00	\$127.50	Communicate with client M. Moon, et al. re settlement
Santos, Mark A.	08/17/2017	0.20	\$425.00	\$85.00	Communicate w/other external GCCC and Staff re settlement
Santos, Mark A.	08/17/2017	0.30	\$425.00	\$127.50	Draft/Revise term sheet
Santos, Mark A.	08/17/2017	1.20	\$425.00	\$510.00	Review/Analyze settlement issues
Santos, Mark A.	08/18/2017	0.30	\$425.00	\$127.50	Communicate with client A. Machtemes, et al. re settlement
Santos, Mark A.	08/21/2017	0.30	\$425.00	\$127.50	Communicate with client A. Machtemes re draft errata

Fees

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark A.	08/21/2017	0.40	\$425.00	\$170.00	Communicate with M. Moon, et al. re draft term sheet
Santos, Mark A.	08/21/2017	1.10	\$425.00	\$467.50	Review/Analyze draft errata
Santos, Mark A.	08/22/2017	0.20	\$425.00	\$85.00	Communicate w/other external GCCC and Staff re abatement
Santos, Mark A.	08/22/2017	0.30	\$425.00	\$127.50	Draft/Revise letter to ALJ re abatement
Santos, Mark A.	08/22/2017	0.40	\$425.00	\$170.00	Review/Analyze settlement issues
Santos, Mark A.	08/24/2017	3.60	\$425.00	\$1,530.00	Draft/Revise settlement agreement and proposed order
Santos, Mark A.	08/25/2017	0.30	\$425.00	\$127.50	Communicate with client A. Machtemes re settlement
Santos, Mark A.	08/25/2017	1.40	\$425.00	\$595.00	Draft/Revise settlement agreement and proposed order
Santos, Mark A.	08/28/2017	0.20	\$425.00	\$85.00	Draft/Revise settlement agreement per M. Moon comments
Santos, Mark A.	08/29/2017	0.30	\$425.00	\$127.50	Communicate with client M. Moon, et al. re settlement
Santos, Mark A.	08/29/2017	0.20	\$425.00	\$85.00	Communicate w/other external Staff and GCCC re settlement documents
Matter Total:		13.50		\$5,637.50	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Azarani, Emma	\$175.00	0.40	\$70.00
Santos, Mark A.	\$425.00	13.10	\$5,567.50
	Sum:	13.50	\$5,637.50

Expenses

[illegible]

Fees / Expense Summary

Fees:	\$5,637.50
Expenses:	
Total Amt Due:	<hr/> \$5,637.50

Parsley Coffin Renner LLP
P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2017 EECRF

Invoice #: 6617

Matter #: 2017 1217

Invoice Date: 10/24/2017

Matter Desc: 2017 EEPR & EECRF Docket

Invoice Total: \$4,122.50

Main Assignee: Moon, Mickey

Invoice Detail

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark A.	09/07/2017	0.30	\$425.00	\$127.50	Communicate with client M. Moon, et al. re errata
Santos, Mark A.	09/07/2017	0.30	\$425.00	\$127.50	Communicate w/other external GCCC and Staff re settlement status
Santos, Mark A.	09/07/2017	1.40	\$425.00	\$595.00	Review/Analyze draft errata
Santos, Mark A.	09/08/2017	0.30	\$425.00	\$127.50	Communicate with client M. Moon, et al. re abatement
Santos, Mark A.	09/08/2017	0.30	\$425.00	\$127.50	Communicate w/other external parties re settlement documents
Santos, Mark A.	09/08/2017	0.20	\$425.00	\$85.00	Draft/Revise letter re continued abatement
Santos, Mark A.	09/12/2017	0.20	\$425.00	\$85.00	Communicate w/other external Staff re revisions to proposed order and stipulation
Santos, Mark A.	09/13/2017	0.20	\$425.00	\$85.00	Communicate with client M. Moon, et al. re Staff edits to proposed order and stipulation
Santos, Mark A.	09/13/2017	0.30	\$425.00	\$127.50	Communicate w/other external Staff re rate case expenses
Santos, Mark A.	09/13/2017	0.50	\$425.00	\$212.50	Draft/Revise proposed order and stipulation based on Staff's recommendations
Santos, Mark A.	09/13/2017	0.80	\$425.00	\$340.00	Review/Analyze Staff revisions to proposed order and stipulation
Santos, Mark A.	09/14/2017	0.50	\$425.00	\$212.50	Communicate w/other external Staff and GCCC re final changes to settlement documents

Fees

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark A.	09/14/2017	1.80	\$425.00	\$765.00	Draft/Revise final settlement documents and motion to remand to Commission
Santos, Mark A.	09/15/2017	0.60	\$425.00	\$255.00	Communicate w/other external parties and Company re filing of settlement
Santos, Mark A.	09/15/2017	1.00	\$425.00	\$425.00	Draft/Revise final settlement documents
Santos, Mark A.	09/15/2017	0.60	\$425.00	\$255.00	Review/Analyze final settlement documents
Santos, Mark A.	09/15/2017	0.40	\$425.00	\$170.00	Review/Analyze Staff affidavits in support of stipulation
Matter Total:		9.70		\$4,122.50	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Santos, Mark A.	\$425.00	9.70	\$4,122.50
	Sum:	9.70	\$4,122.50

Expenses

[illegible]

Fees / Expense Summary

Fees:	\$4,122.50
Expenses:	
Total Amt Due:	<hr/> \$4,122.50

Parsley Coffin Renner LLP
P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2017 EECRF

Invoice #: 6637

Matter #: 2017 1217

Invoice Date: 11/20/2017

Matter Desc: 2017 EEPR & EECRF Docket

Invoice Total: \$2,732.00

Main Assignee: Moon, Mickey

Invoice Detail

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark A.	10/12/2017	1.20	\$425.00	\$510.00	Review/Analyze proposed order issues
Santos, Mark A.	10/16/2017	0.20	\$425.00	\$85.00	Communicate with client M. Moon, et al. re proposed order
Santos, Mark A.	10/16/2017	0.30	\$425.00	\$127.50	Draft/Revise letter to Commission re proposed order
Santos, Mark A.	10/16/2017	0.80	\$425.00	\$340.00	Review/Analyze proposed order
Santos, Mark A.	10/25/2017	0.30	\$425.00	\$127.50	Communicate with client A. Machtemes, et al. re Commissioner memo
Santos, Mark A.	10/25/2017	0.50	\$425.00	\$212.50	Communicate w/other external Staff and GCCC re Commissioner memo
Santos, Mark A.	10/26/2017	2.30	\$425.00	\$977.50	Appear for/attend Open Meeting for consideration of proposed order
Santos, Mark A.	10/26/2017	0.30	\$425.00	\$127.50	Communicate with client A. Machtemes re case status and Commissioner memo
Santos, Mark A.	10/26/2017	0.50	\$425.00	\$212.50	Draft/Revise letter for response to Commissioner memo
Matter Total:		6.40		\$2,720.00	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Santos, Mark A.	\$425.00	6.40	\$2,720.00
	Sum:	6.40	\$2,720.00

Expenses

Date	Description	Amount
10/31/2017	Photocopies	\$12.00
Total Expenses:		\$12.00

Fees / Expense Summary

Fees:	\$2,720.00
Expenses:	\$12.00
Total Amt Due:	<hr/> \$2,732.00

Parsley Coffin Renner LLP

P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2017 EECRF

Invoice #: 6660

Matter #: 2017 1217

Invoice Date: 12/19/2017

Matter Desc: 2017 EEPR & EECRF Docket

Invoice Total: \$892.50

Main Assignee: Moon, Mickey

Invoice Detail

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark A.	11/17/2017	1.80	\$425.00	\$765.00	Appear for/attend Open Meeting for final order
Santos, Mark A.	11/17/2017	0.30	\$425.00	\$127.50	Review/Analyze Chairman Walker memo re final order
Matter Total:		2.10		\$892.50	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Santos, Mark A.	\$425.00	2.10	\$892.50
	Sum:	2.10	\$892.50

Expenses

[illegible]

Fees / Expense Summary

Fees:	\$892.50
Expenses:	
Total Amt Due:	<hr/> \$892.50

**WORKPAPERS
OF
JOHN R DURLAND**

	Residential	Secondary < 10 kVA	Secondary > 10 kVA	Primary	Transmission	Total Line Loss Value
2017 kW Savings	49,602	958	89,024	46,994	1,847	
% of Total Savings	26%	1%	47%	25%	1%	
Line Loss Value Approved in Docket 38339	5.77%	5.77%	5.52%	3.49%	2.00%	
Weighted Line Loss Value	1.519%	0.029%	2.608%	0.870%	0.020%	5.05%

	2014				2015				2016				2017			
	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	Actual Demand Reduction (MW)	Actual Energy Savings (MWH)	Program Cost	Total \$/kW
TNMP	9.60	17,119	\$ 4,526,644.00	\$ 471.43	8.70	17,520	\$ 4,012,014.00	\$ 461.15	12.25	21,716	\$ 5,097,623.00	\$ 416.03	10.68	20,763	\$ 5,023,051.00	\$ 470.15
XCEL	5.01	11,962	\$ 2,497,750.00	\$ 498.55	8.17	14,537	\$ 3,226,000.00	\$ 394.86	8.40	14,040	\$ 3,309,953.00	\$ 393.95	7.76	16,871	\$ 3,675,490.00	\$ 473.95
El Paso	13.56	22,899	\$ 4,281,199.00	\$ 315.79	12.31	22,283	\$ 3,874,504.00	\$ 314.74	12.31	22,283	\$ 3,608,882.00	\$ 293.29	15.29	23,312	\$ 4,280,430.00	\$ 278.73
Entergy TX	17.20	39,214	\$ 8,091,000.00	\$ 470.41	18.10	39,721	\$ 7,147,000.00	\$ 394.86	19.74	45,044	\$ 7,026,852.00	\$ 355.99	21.19	50,575	\$ 7,074,568.00	\$ 333.86
Oncor	125.30	202,105	\$ 56,320,065.00	\$ 449.48	115.81	178,908	\$ 47,305,992.00	\$ 408.48	128.83	198,742	\$ 53,869,937.00	\$ 418.15	155.23	170,124	\$ 48,511,214.00	\$ 312.51
SWEPSCO	12.58	17,494	\$ 3,682,200.00	\$ 292.70	9.88	15,262	\$ 3,346,850.00	\$ 338.75	11.94	20,648	\$ 4,148,989.00	\$ 347.52	13.63	18,864	\$ 4,295,190.00	\$ 315.22
AEP North	8.15	11,867	\$ 2,756,810.00	\$ 338.26	4.54	12,289	\$ 2,770,780.00	\$ 610.30	4.26	7,464	\$ 2,627,930.00	\$ 616.88	6.75	12,040	\$ 2,996,380.00	\$ 443.78
AEP Central	39.83	63,815	\$ 13,694,880.00	\$ 343.83	43.78	68,507	\$ 13,508,120.00	\$ 308.55	39.41	68,278	\$ 13,647,287.00	\$ 346.27	45.52	65,464	\$ 13,264,970.00	\$ 291.40
CenterPoint	159.19	153,170	\$ 35,665,305.00	\$ 224.04	168.49	188,255	\$ 35,832,992.00	\$ 212.67	167.70	190,857	\$ 33,110,909.00	\$ 197.44	188.44	183,491	\$ 31,420,852.00	\$ 166.74

http://Interchange.puc.texas.gov/WebApp/interchange/application/dbapps/fillings/pgControl.asp?TXT_UTILITY_TYPE=A&TXT_CNTRL_NO=48346&TXT_ITEM_MATCH=1&TXT_ITEM_NO=&TXT_N_UTILITY=&TXT_N_FILE_PARTY=&TXT_DOC_TYPE=ALL&TXT_D_FROM=&TXT_D_TO=&TXT_NEW=true

http://Interchange.puc.texas.gov/WebApp/interchange/application/dbapps/fillings/pgControl.asp?TXT_UTILITY_TYPE=A&TXT_CNTRL_NO=48307&TXT_ITEM_MATCH=1&TXT_ITEM_NO=&TXT_N_UTILITY=&TXT_N_FILE_PARTY=&TXT_DOC_TYPE=ALL&TXT_D_FROM=&TXT_D_TO=&TXT_NEW=true

Workpaper JRDWP3 is confidential. A copy of this material will be provided pursuant to the protective order issued in this docket.

	S/NW	S/NW's	Millions Avoided Cost	No Benefit
1	772.52	0.000	14,822,412	11,703,312
2	772.52	0.000	2,676,515	2,676,515
3	772.52	0.000	2,676,515	2,676,515
4	772.52	0.000	2,676,515	2,676,515
5	772.52	0.000	2,676,515	2,676,515
6	772.52	0.000	2,676,515	2,676,515
7	772.52	0.000	2,676,515	2,676,515
8	772.52	0.000	2,676,515	2,676,515
9	772.52	0.000	2,676,515	2,676,515
10	772.52	0.000	2,676,515	2,676,515
11	772.52	0.000	2,676,515	2,676,515
12	772.52	0.000	2,676,515	2,676,515
13	772.52	0.000	2,676,515	2,676,515
14	772.52	0.000	2,676,515	2,676,515
15	772.52	0.000	2,676,515	2,676,515
16	772.52	0.000	2,676,515	2,676,515
17	772.52	0.000	2,676,515	2,676,515
18	772.52	0.000	2,676,515	2,676,515
19	772.52	0.000	2,676,515	2,676,515
20	772.52	0.000	2,676,515	2,676,515
21	772.52	0.000	2,676,515	2,676,515
22	772.52	0.000	2,676,515	2,676,515
23	772.52	0.000	2,676,515	2,676,515
24	772.52	0.000	2,676,515	2,676,515
25	772.52	0.000	2,676,515	2,676,515
26	772.52	0.000	2,676,515	2,676,515
27	772.52	0.000	2,676,515	2,676,515
28	772.52	0.000	2,676,515	2,676,515
29	772.52	0.000	2,676,515	2,676,515
30	772.52	0.000	2,676,515	2,676,515
31	772.52	0.000	2,676,515	2,676,515
32	772.52	0.000	2,676,515	2,676,515
33	772.52	0.000	2,676,515	2,676,515
34	772.52	0.000	2,676,515	2,676,515
35	772.52	0.000	2,676,515	2,676,515
36	772.52	0.000	2,676,515	2,676,515
37	772.52	0.000	2,676,515	2,676,515
38	772.52	0.000	2,676,515	2,676,515
39	772.52	0.000	2,676,515	2,676,515
40	772.52	0.000	2,676,515	2,676,515
41	772.52	0.000	2,676,515	2,676,515
42	772.52	0.000	2,676,515	2,676,515
43	772.52	0.000	2,676,515	2,676,515
44	772.52	0.000	2,676,515	2,676,515
45	772.52	0.000	2,676,515	2,676,515
46	772.52	0.000	2,676,515	2,676,515
47	772.52	0.000	2,676,515	2,676,515
48	772.52	0.000	2,676,515	2,676,515
49	772.52	0.000	2,676,515	2,676,515
50	772.52	0.000	2,676,515	2,676,515
51	772.52	0.000	2,676,515	2,676,515
52	772.52	0.000	2,676,515	2,676,515
53	772.52	0.000	2,676,515	2,676,515
54	772.52	0.000	2,676,515	2,676,515
55	772.52	0.000	2,676,515	2,676,515
56	772.52	0.000	2,676,515	2,676,515
57	772.52	0.000	2,676,515	2,676,515
58	772.52	0.000	2,676,515	2,676,515
59	772.52	0.000	2,676,515	2,676,515
60	772.52	0.000	2,676,515	2,676,515
61	772.52	0.000	2,676,515	2,676,515
62	772.52	0.000	2,676,515	2,676,515
63	772.52	0.000	2,676,515	2,676,515
64	772.52	0.000	2,676,515	2,676,515
65	772.52	0.000	2,676,515	2,676,515
66	772.52	0.000	2,676,515	2,676,515
67	772.52	0.000	2,676,515	2,676,515
68	772.52	0.000	2,676,515	2,676,515
69	772.52	0.000	2,676,515	2,676,515
70	772.52	0.000	2,676,515	2,676,515
71	772.52	0.000	2,676,515	2,676,515
72	772.52	0.000	2,676,515	2,676,515
73	772.52	0.000	2,676,515	2,676,515
74	772.52	0.000	2,676,515	2,676,515
75	772.52	0.000	2,676,515	2,676,515
76	772.52	0.000	2,676,515	2,676,515
77	772.52	0.000	2,676,515	2,676,515
78	772.52	0.000	2,676,515	2,676,515
79	772.52	0.000	2,676,515	2,676,515
80	772.52	0.000	2,676,515	2,676,515
81	772.52	0.000	2,676,515	2,676,515
82	772.52	0.000	2,676,515	2,676,515
83	772.52	0.000	2,676,515	2,676,515
84	772.52	0.000	2,676,515	2,676,515
85	772.52	0.000	2,676,515	2,676,515
86	772.52	0.000	2,676,515	2,676,515
87	772.52	0.000	2,676,515	2,676,515
88	772.52	0.000	2,676,515	2,676,515
89	772.52	0.000	2,676,515	2,676,515
90	772.52	0.000	2,676,515	2,676,515
91	772.52	0.000	2,676,515	2,676,515
92	772.52	0.000	2,676,515	2,676,515
93	772.52	0.000	2,676,515	2,676,515
94	772.52	0.000	2,676,515	2,676,515
95	772.52	0.000	2,676,515	2,676,515
96	772.52	0.000	2,676,515	2,676,515
97	772.52	0.000	2,676,515	2,676,515
98	772.52	0.000	2,676,515	2,676,515
99	772.52	0.000	2,676,515	2,676,515
100	772.52	0.000	2,676,515	2,676,515

[illegible]

2017 Hours C/L	1	-	128,625.07	03	3	-	54,912.99	09
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2017 Hours C/L	1	-	128,625.07	03	3	-	54,912.99	09
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Uniform Present Worth Formula Modified Avoided Costs by Measure Life			
EUL	kW	kWh	
1.0		75.41	\$ 0.038
2.0		146.49	\$ 0.073
3.0		213.49	\$ 0.106
4.0		276.65	\$ 0.138
5.0		336.18	\$ 0.168
6.0		392.30	\$ 0.196
7.0		445.19	\$ 0.222
8.0		495.05	\$ 0.247
9.0		542.05	\$ 0.270
10.0		586.35	\$ 0.292
11.0		628.11	\$ 0.313
12.0		667.47	\$ 0.333
13.0		704.58	\$ 0.351
14.0		739.55	\$ 0.369
15.0		772.52	\$ 0.385
16.0		803.60	\$ 0.401
17.0		832.89	\$ 0.415
18.0		860.50	\$ 0.429
19.0		886.52	\$ 0.442
20.0		911.06	\$ 0.454
21.0		934.18	\$ 0.466
22.0		955.98	\$ 0.477
23.0		976.53	\$ 0.487
24.0		995.89	\$ 0.497
25.0	1,014.15		\$ 0.506
26.0	1,031.36		\$ 0.514
27.0	1,047.58		\$ 0.522
28.0	1,062.87		\$ 0.530
29.0	1,077.28		\$ 0.537
30.0	1,090.87		\$ 0.544

Docket No. 47232 - CenterPoint 2018 EECRF
Cities Rate Case Expenses

	Invoice Date	Invoice No.	Billing Period	Through Period	Invoice Amount	Total Billed to Date	
Lloyd Gosselink	7/14/2017	97484253	6/1/2017	6/30/2017	\$ 2,239.46	\$ 2,239.46	
	8/10/2017	97485147	7/1/2017	7/31/2017	\$ 826.00	\$ 3,065.46	
	9/13/2017	97485879	8/1/2017	8/31/2017	\$ 2,229.70	\$ 5,295.16	
	10/11/2017	97486363	9/1/2017	9/30/2017	\$ 659.00	\$ 5,954.16	
	11/9/2017	97487798	10/1/2017	10/31/2017	\$ 383.00	\$ 6,337.16	
	12/12/2017	97488559	11/1/2017	11/30/2017	\$ 214.00	\$ 6,551.16	
							\$ 6,551.16
ReSolved Energy	7/10/2017	4010	6/1/2017	6/30/2017	\$ 1,017.00	\$ 1,017.00	
	8/3/2017	4027	7/1/2017	7/31/2017	\$ 988.00	\$ 2,005.00	
	9/11/2017	4051	8/1/2017	8/31/2017	\$ 390.00	\$ 2,395.00	
							\$ 2,395.00
Lloyd Gosselink + Consultant	7/14/2017	97484253	6/1/2017	6/30/2017	\$ 3,256.46	\$ 3,256.46	
	8/10/2017	97485147	7/1/2017	7/31/2017	\$ 1,814.00	\$ 5,070.46	
	9/13/2017	97485879	8/1/2017	8/31/2017	\$ 2,619.70	\$ 7,690.16	
	10/11/2017	97486363	9/1/2017	9/30/2017	\$ 659.00	\$ 8,349.16	
	11/9/2017	97487798	10/1/2017	10/31/2017	\$ 383.00	\$ 8,732.16	
	12/12/2017	97488559	11/1/2017	11/30/2017	\$ 214.00	\$ 8,946.16	
TOTAL							\$ 8,946.16

December 12, 2017

Gulf Coast Coalition of Cities
Attn Bobby Gervais
City Attorney
c/o City of Manvel Texas
PO Box 187
Manvel, TX USA 77578

Invoice: 97488559
Client: 1720
Matter: 33
Billing Attorney: TLB

INVOICE SUMMARY

For professional services and disbursements rendered through November 30, 2017:

RE: Docket No 47232 CenterPoint 2018 EECRF

Professional Services	\$ 182.00
Total Disbursements	<u>\$ 32.00</u>
TOTAL THIS INVOICE	\$ 214.00
Previous Balance	<u>\$ 8,732.16</u>
TOTAL BALANCE DUE	<u>\$ 8,946.16</u>

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

December 12, 2017
Invoice: 97488559

PROFESSIONAL SERVICES RENDERED

Date	Atty	Description Of Services Rendered	Hours
11/16/17	WAF	Review memo filed by Chairman Walker; draft correspondence.	.20
11/17/17	WAF	Attend PUC Open Meeting.	.50

TOTAL PROFESSIONAL SERVICES \$ 182.00

SUMMARY OF PROFESSIONAL SERVICES

Name	Staff Level	Hours	Rate	Total
William A Faulk III	Associate	.70	260.00	182.00
TOTALS		.70		\$ 182.00

DISBURSEMENTS

Date	Description	Amount
10/31/17	Corporate Couriers Check # - 000034222 Corporate Couriers, Courier, Courier services, 10/31/2017	32.00

TOTAL DISBURSEMENTS \$ 32.00

TOTAL THIS INVOICE \$ 214.00

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

December 12, 2017
Invoice: 97488559

OUTSTANDING INVOICES

INVOICE NUMBER	DATE	INVOICE TOTAL	PAYMENTS RECEIVED	ENDING BALANCE
97484253	7/14/17	3,256.46	.00	3,256.46
97485147	8/10/17	1,814.00	.00	1,814.00
97485879	9/13/17	2,619.70	.00	2,619.70
97486363	10/11/17	659.00	.00	659.00
97487798	11/09/17	383.00	.00	383.00

Previous Balance \$ 8,732.16

Balance Due This Invoice \$ 214.00

TOTAL BALANCE DUE \$ 8,946.16

INVOICE

CORPORATE COURIERS
2335 KRAMER LANE, STE. F
AUSTIN, TX 78758
41998

Invoice No.	Customer No.
48911	1201
Inv Date	Total Due
10/31/17	709.20

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

NOW ACCEPTING VISA, M/C &
AMEX FOR INVOICE PAYMENT
PLEASE CALL 512.479.4007
TO GET SETUP.

			Customer No.	Invoice No.	Period Ending	Amount Due	Pg		
			1201	48911	10/31/17	709.20	3		
Date	Order No.	Svc	Service Detail					Charges	Total
10/25/17	756164	EBK EBK	LLOYD GOSSELINK ROCHELLE & TOWNSEND 816 CONGRESS AVE AUSTIN TX 78701 Caller: OFFICE SERVICES Time: 16:36 Wght: 1 Lbs Signed: C.RODRIGUEZ					Base : 16.00 Return : 16.00	32.00
						Total Charges for Ref. - JBP 1720-33:		32.00	

\$32.00

1720-33

November 9, 2017

Gulf Coast Coalition of Cities
Attn Bobby Gervais
City Attorney
c/o City of Manvel Texas
PO Box 187
Manvel, TX USA 77578

Invoice: 97487798
Client: 1720
Matter: 33
Billing Attorney: TLB

INVOICE SUMMARY

For professional services and disbursements rendered through October 31, 2017:

RE: Docket No 47232 CenterPoint 2018 EECRF

Professional Services	\$ 383.00
Total Disbursements	<u>\$.00</u>
TOTAL THIS INVOICE	\$ 383.00
Previous Balance	<u>\$ 8,349.16</u>
TOTAL BALANCE DUE	<u>\$ 8,732.16</u>

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

November 9, 2017
Invoice: 97487798

PROFESSIONAL SERVICES RENDERED

Date	Atty	Description Of Services Rendered	Hours
10/03/17	TRL	Case/file management.	.10
10/12/17	TRL	Update rate case expense tracking sheet with September invoice.	.20
10/25/17	WAF	Telephone conference with K. Hubbard regarding rate case expenses filing; prepare filing regarding rate case expenses.	.80
10/25/17	TRL	File rate case affidavit of T. Brocato and discuss procedures with W. Faulk and T. Brocato.	1.10

TOTAL PROFESSIONAL SERVICES \$ 383.00

SUMMARY OF PROFESSIONAL SERVICES

Name	Staff Level	Hours	Rate	Total
William A Faulk III	Associate	.80	260.00	208.00
Tanya R Leisey	Paralegal	1.40	125.00	175.00
TOTALS		2.20		\$ 383.00

TOTAL THIS INVOICE \$ 383.00

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

November 9, 2017
Invoice: 97487798

OUTSTANDING INVOICES

INVOICE NUMBER	DATE	INVOICE TOTAL	PAYMENTS RECEIVED	ENDING BALANCE
97484253	7/14/17	3,256.46	.00	3,256.46
97485147	8/10/17	1,814.00	.00	1,814.00
97485879	9/13/17	2,619.70	.00	2,619.70
97486363	10/11/17	659.00	.00	659.00

Previous Balance	\$ 8,349.16
Balance Due This Invoice	<u>\$ 383.00</u>
TOTAL BALANCE DUE	<u>\$ 8,732.16</u>

October 11, 2017

Gulf Coast Coalition of Cities
Attn Bobby Gervais
City Attorney
c/o City of Manvel Texas
PO Box 187
Manvel, TX USA 77578

Invoice: 97486363
Client: 1720
Matter: 33
Billing Attorney: TLB

INVOICE SUMMARY

For professional services and disbursements rendered through September 30, 2017:

RE: Docket No 47232 CenterPoint 2018 EECRF

Professional Services	\$ 659.00
Total Disbursements	<u>\$.00</u>
TOTAL THIS INVOICE	\$ 659.00
Previous Balance	<u>\$ 7,690.16</u>
TOTAL BALANCE DUE	<u>\$ 8,349.16</u>

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

October 11, 2017
Invoice: 97486363

PROFESSIONAL SERVICES RENDERED

Date	Atty	Description Of Services Rendered	Hours
9/06/17	HMW	Draft correspondence to company counsel regarding status of case and settlement documents (Administration/case management).	.20
9/08/17	HMW	Review and draft correspondence with parties and co-counsel regarding status of settlement documents; review letter to administrative law judge regarding same (Administration/case management).	1.00
9/11/17	CLL	Create and update invoice tracking spreadsheet (Administration/case management).	.30
9/13/17	HMW	Review staff edits to settlement documents (Administration/case management).	.10
9/14/17	HMW	Review and draft correspondence between parties regarding status of settlement; prepare affidavit of rate case expenses; review company edits to settlement documents (Administration/case management).	1.00
9/15/17	HMW	Review and draft correspondence with parties regarding filing of settlement documents (Administration/case management).	.20
9/28/17	TRL	Update rate case expense tracking spreadsheet with all invoices (Administration).	.30
9/30/17	PAS	Paralegal assistant time.	.30

TOTAL PROFESSIONAL SERVICES \$ 659.00

SUMMARY OF PROFESSIONAL SERVICES

Name	Staff Level	Hours	Rate	Total
Hannah M Wilchar	Associate	2.50	230.00	575.00
Tanya R Leisey	Paralegal	.30	125.00	37.50
Claire L Labit	Paralegal	.30	120.00	36.00
Paralegal Assistant	Paralegal Asst.	.30	35.00	10.50
TOTALS		3.40		\$ 659.00

TOTAL THIS INVOICE \$ 659.00

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

October 11, 2017
Invoice: 97486363

OUTSTANDING INVOICES

INVOICE NUMBER	DATE	INVOICE TOTAL	PAYMENTS RECEIVED	ENDING BALANCE
97484253	7/14/17	3,256.46	.00	3,256.46
97485147	8/10/17	1,814.00	.00	1,814.00
97485879	9/13/17	2,619.70	.00	2,619.70

Previous Balance \$ 7,690.16

Balance Due This Invoice \$ 659.00

TOTAL BALANCE DUE **\$ 8,349.16**

September 13, 2017

Gulf Coast Coalition of Cities
Attn Bobby Gervais
City Attorney
c/o City of Manvel Texas
PO Box 187
Manvel, TX USA 77578

Invoice: 97485879
Client: 1720
Matter: 33
Billing Attorney: TLB

INVOICE SUMMARY

For professional services and disbursements rendered through August 31, 2017:

RE: Docket No 47232 CenterPoint 2018 EECRF

Professional Services	\$ 2,195.00
Total Disbursements	<u>\$ 424.70</u>
TOTAL THIS INVOICE	\$ 2,619.70
Previous Balance	<u>\$ 5,070.46</u>
TOTAL BALANCE DUE	<u>\$ 7,690.16</u>

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

September 13, 2017
Invoice: 97485879

PROFESSIONAL SERVICES RENDERED

Date	Atty	Description Of Services Rendered	Hours
8/04/17	HMW	Review company's responses to cities' requests for information (Administration/case management).	.70
8/11/17	HMW	Call with opposing counsel to discuss cities' position and possibility of scheduling settlement negotiations (Administration/case management).	.10
8/13/17	TLB	Review filings (Administration/case management).	.50
8/14/17	HMW	Review application and status of case; call with cities expert to discuss potential issues with application (Administration/case management).	1.00
8/17/17	HMW	Discuss status and resolution of case with opposing counsel; confirm cities' position with expert (Administration/case management).	.30
8/22/17	HMW	Review settlement term sheet from company; communicate agreement to abate case to parties; draft client communication informing about settlement proposal (Administration/case management).	1.00
8/25/17	TLB	Review filing; review settlement terms; discuss settlement with GCCC (Administration/case management).	1.70
8/29/17	HMW	Review proposed settlement documents from company (Administration/case management).	1.00
8/30/17	HMW	Review proposed settlement documents from company (Administration/case management).	2.00

TOTAL PROFESSIONAL SERVICES

\$ 2,195.00

SUMMARY OF PROFESSIONAL SERVICES

Name	Staff Level	Hours	Rate	Total
Thomas L Brocato	Principal	2.20	360.00	792.00
Hannah M Wilchar	Associate	6.10	230.00	1,403.00
TOTALS		8.30		\$ 2,195.00

DISBURSEMENTS

Date	Description	Amount
7/31/17	Corporate Couriers Check # - 000033668 Corporate Couriers, Courier services, 7/31/2017	18.00
	Photocopying	.20
8/15/17	Corporate Couriers Check # - 000033747 Corporate Couriers, Courier, Courier services, 8/15/2017	16.50

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

September 13, 2017
Invoice: 97485879

Date	Description	Amount
8/31/17	ReSolved Energy Cons Voucher # - 000090217 ReSolved Energy Consulting, LLC, Consultant Services, Professional services for August 2017 - Regarding Consulting (K. Nalepa) for Project LG CEH 17 EECRF (47232), Invoice date 9/11/2017	390.00

TOTAL DISBURSEMENTS **\$ 424.70**

TOTAL THIS INVOICE **\$ 2,619.70**

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

September 13, 2017
Invoice: 97485879

OUTSTANDING INVOICES

INVOICE NUMBER	DATE	INVOICE TOTAL	PAYMENTS RECEIVED	ENDING BALANCE
97484253	7/14/17	3,256.46	.00	3,256.46
97485147	8/10/17	1,814.00	.00	1,814.00

Previous Balance	\$ 5,070.46
Balance Due This Invoice	<u>\$ 2,619.70</u>
TOTAL BALANCE DUE	<u>\$ 7,690.16</u>

INVOICE

CORPORATE COURIERS
2335 KRAMER LANE, STE. F
AUSTIN, TX 78758
41998

Invoice No.	Customer No.
47763	1201
Inv Date	Total Due
7/31/17	503.55

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

NOW ACCEPTING VISA, M/C &
AMEX FOR INVOICE PAYMENT
PLEASE CALL 512.479.4007
TO GET SETUP.

			Customer No.	Invoice No.	Period Ending	Amount Due	Pg			
			1201	47763	7/31/17	503.55	2			
Date	Ord# No.	Svc	Service Detail					Charges	Total	
7/26/17	736714	4BK 2BK	LLOYD GOSSELINK ROCHELLE & TOWNSEND PUC 816 CONGRESS AVE 1701 N. CONGRESS AVE. AUSTIN TX 78701 AUSTIN TX 78701 Caller: OFFICE SERVICES Time: 09:17 Wght: 1 Lbs Signed: LIZ A					Base : 8.00 Return : 10.00	18.00	
Total Charges for Ref. - JBP 1720-33:							18.00 ✓	\$18.00		

ricoh	Nyquist	8/7/2017	1720	33	1
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Photocopies = \$0.20

INVOICE

CORPORATE COURIERS
2335 KRAMER LANE, STE. F
AUSTIN, TX 78758
41998

Invoice No.	Customer No.
47936	1201
Inv Date	Total Due
8/15/17	990.50

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

NOW ACCEPTING VISA, M/C &
AMEX FOR INVOICE PAYMENT
PLEASE CALL 512.479.4007
TO GET SETUP.

			Customer No.	Invoice No.	Period Ending	Amount Due	Pg		
			1201	47936	8/15/17	990.50	6		
Date	Ord# No.	Svc	Service Detail				Charges	Total	
8/07/17	739147	2HR	LLOYD GOSSELINK ROCHELLE & TOWNSEND 816 CONGRESS AVE AUSTIN TX 78701 Caller: OFFICE SERVICES Time: 13:25 Signed: KARL NALEPA		RESOLVED ENERGY CONSULTING, LLC . 11044 RESEARCH BLVD AUSTIN TX 78759		Base : 15.00 Fuel Srchg: 1.50	16.50	
Total Charges for Ref. - TRUCK 1720-33:							16.50	\$16.5	

\$16.50

ReSolved Energy Consulting, LLC

11044 Research Blvd., Suite A-420

Austin, Texas 78759

Phone (512) 331-4949

Invoice

DATE	INVOICE NUMBER
9/11/2017	4051

BILL TO

Thomas Brocato

Lloyd Gosselink Lawfirm

816 Congress Ave, # 1900

Austin, Tx 78701

PROJECT

LG CEH 17 EECRF (47232)

DESCRIPTION	HOURS	RATE	AMOUNT
Consulting (K. Nalepa)	1.5	260.00	390.00
Work Completed thru - August 31, 2017		TOTAL DUE	\$390.00

Monthly Recap

Karl Nalepa

Date	Task	Hours
August 1, 2017	Call with H. Wilchar to discuss case issues and adjustments. (0.50 Admin/Case Management)	0.50
August 7, 2017	Review responses to discovery. (0.50 Admin/Case Management)	0.50
August 14, 2017	Call with H. Wilchar to discuss EECRF adjustments. (0.20 Admin/Case Management)	0.20
August 15, 2017	Call with H. Wilchar to discuss EECRF adjustments. (0.30 Admin/Case Management)	0.30

1.50

August 10, 2017

Gulf Coast Coalition of Cities
Attn Bobby Gervais
City Attorney
c/o City of Manvel Texas
PO Box 187
Manvel, TX USA 77578

Invoice: 97485147
Client: 1720
Matter: 33
Billing Attorney: TLB

INVOICE SUMMARY

For professional services and disbursements rendered through July 31, 2017:

RE: Docket No 47232 CenterPoint 2018 EECRF

Professional Services	\$ 805.00
Total Disbursements	<u>\$ 1,009.00</u>
TOTAL THIS INVOICE	\$ 1,814.00
Previous Balance	<u>\$ 3,256.46</u>
TOTAL BALANCE DUE	<u>\$ 5,070.46</u>

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

August 10, 2017
Invoice: 97485147

PROFESSIONAL SERVICES RENDERED

Date	Atty	Description Of Services Rendered	Hours
7/07/17	HMW	Review and correspond with parties regarding draft procedural schedule and pleading; draft correspondence to expert regarding procedural schedule and testimony issues (Administration/case management).	2.00
7/13/17	HMW	Review and draft correspondence with parties regarding waiver of processing deadline and filing of letter to judge regarding same (Administration/case management).	1.50

TOTAL PROFESSIONAL SERVICES \$ 805.00

SUMMARY OF PROFESSIONAL SERVICES

Name	Staff Level	Hours	Rate	Total
Hannah M Wilchar	Associate	3.50	230.00	805.00
TOTALS		3.50		\$ 805.00

DISBURSEMENTS

Date	Description	Amount
	Photocopying	21.00
7/31/17	ReSolved Energy Cons Voucher # - 000089684 ReSolved Energy Consulting, LLC, Consultant Services, Professional services for July 2017 - Consulting (K. Nalepa), Invoice date 8/3/2017	988.00

TOTAL DISBURSEMENTS \$ 1,009.00

TOTAL THIS INVOICE \$ 1,814.00

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

August 10, 2017
Invoice: 97485147

OUTSTANDING INVOICES

INVOICE NUMBER	DATE	INVOICE TOTAL	PAYMENTS RECEIVED	ENDING BALANCE
97484253	7/14/17	3,256.46	.00	3,256.46

Previous Balance	\$ 3,256.46
Balance Due This Invoice	<u>\$ 1,814.00</u>
TOTAL BALANCE DUE	<u>\$ 5,070.46</u>

Client Matter	Client Matter Descr	User	Printer	Document Name	Date Printed	Process Name	Computer Name	Comments	Paper Size	Page Width	Page Height	Color	Duplex	Pages per Sheet	Count as Sheets	Total Units
1720-33	Gulf Coast Coalitor	J.B. Penna	Secretariat	Copy Audit Touch	Jul 26, 2017 17:15	Copy Audit Touch	LLOYD-2		Letter	8.5 in.	11.0 in.	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="checkbox"/>	35.00
1720-33	Gulf Coast Coalitor	Tanya R. Leisey	Secretariat	Copy Audit Touch	Jun 26, 2017 14:28	Copy Audit Touch	LLOYD-2		Letter	8.5 in.	11.0 in.	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="checkbox"/>	94.00
1720-33	Gulf Coast Coalitor	Tanya R. Leisey	Secretariat	Copy Audit Touch	Jun 26, 2017 13:51	Copy Audit Touch	LLOYD-2		Letter	8.5 in.	11.0 in.	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="checkbox"/>	7.00
1720-33	Gulf Coast Coalitor	J.B. Penna	Secretariat	Copy Audit Touch	Jun 14, 2017 11:11	Copy Audit Touch	LLOYD-2		Letter	8.5 in.	11.0 in.	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="checkbox"/>	33.00
1720-33	Gulf Coast Coalitor	J.B. Penna	Secretariat	Copy Audit Touch	Jun 06, 2017 09:55	Copy Audit Touch	LLOYD-2		Letter	8.5 in.	11.0 in.	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="checkbox"/>	45.00

175 Photocopies = \$21.00

ReSolved Energy Consulting, LLC

11044 Research Blvd., Suite A-420

Austin, Texas 78759

Phone (512) 331-4949

Invoice

DATE	INVOICE NUMBER
8/3/2017	4027

BILL TO

Thomas Brocato
Lloyd Gosselink Lawfirm
816 Congress Ave, # 1900
Austin, Tx 78701

PROJECT

LG CEH 17 EECRF (47232)

DESCRIPTION	HOURS	RATE	AMOUNT
Consulting (K. Nalepa)	3.8	260.00	988.00
Work Completed thru - July 31, 2017		TOTAL DUE	\$988.00

Monthly Recap

Karl Nalepa

Date	Task	Hours
July 7, 2017	Emails with H. Wilchar to discuss case issues. (0.10 Admin / Case Management)	0.10
July 12, 2017	Review filing and work on analysis. (1.50 Admin / Case Management)	1.50
July 13, 2017	Emails with H. Wilchar to discuss case issues. (0.20 Admin / Case Management)	0.20
July 20, 2017	Review latest filings. Work on discovery. (0.70 Admin / Case Management)	0.70
July 25, 2017	Complete discovery and send to T. Brocato for review. (1.30 Admin / Case Management)	1.30
		3.80

July 14, 2017

Gulf Coast Coalition of Cities
Attn Bobby Gervais
City Attorney
c/o City of Manvel Texas
PO Box 187
Manvel, TX USA 77578

Invoice: 97484253
Client: 1720
Matter: 33
Billing Attorney: TLB

INVOICE SUMMARY

For professional services and disbursements rendered through June 30, 2017:

RE: Docket No 47232 CenterPoint 2018 EECRF

Professional Services	\$ 2,223.00
Total Disbursements	<u>\$ 1,033.46</u>
TOTAL THIS INVOICE	\$ 3,256.46

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

July 14, 2017
Invoice: 97484253

PROFESSIONAL SERVICES RENDERED

Date	Atty	Description Of Services Rendered	Hours
6/02/17	TLB	Review filing; prepare client communication regarding filing; prepare consultant agreement. (Administration).	1.80
6/02/17	HMW	Draft motion to intervene (Administration/case management).	1.00
6/05/17	KMH	Draft engagement agreement with ReSolved Energy (Administration/case management).	.30
6/06/17	TLB	Review filing; prepare resolutions; prepare engagement agreement; prepare client communication; organize client coalition (Administration/case management).	.80
6/07/17	CLL	Review order and calendar deadlines (Administration/case management).	.50
6/12/17	HMW	Draft list of issues (Administration/case management).	.50
6/13/17	KMH	Create chart of cities regarding status of resolutions (Administration/case management).	.40
6/14/17	HMW	Coordinate filing of list of issues (Administration/case management).	.20
6/16/17	HMW	Review Company's application, testimony, and docket filings (Administrative/case management).	2.30
6/21/17	KMH	Prepare protective order certifications for signature and filing (Administration/case management).	.50
6/23/17	KMH	Assist with discovery responses; gather documents in preparation of PUC filing (Administration/case management).	.80
6/26/17	KMH	Assist with PUC filing; gather and organize documents for filing (Administration/case management).	.50
6/30/17	PAS	Paralegal assistant time.	.20

TOTAL PROFESSIONAL SERVICES

\$ 2,223.00

SUMMARY OF PROFESSIONAL SERVICES

Name	Staff Level	Hours	Rate	Total
Thomas L Brocato	Principal	2.60	360.00	936.00
Hannah M Wilchar	Associate	4.00	230.00	920.00
Claire L Labit	Paralegal	.50	120.00	60.00
Kathy M Hand	Paralegal	2.50	120.00	300.00
Paralegal Assistant	Paralegal Asst.	.20	35.00	7.00
TOTALS		9.80		\$ 2,223.00

DISBURSEMENTS

Date	Description	Amount
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Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
Docket No 47232 CenterPoint 2018 EECRF
I.D.1720-33-TLB

July 14, 2017
Invoice: 97484253

Date	Description	Amount
	Postage	.46
6/15/17	Corporate Couriers Check # - 000033436 Courier, Corporate Couriers, 6/15/2017, 47209, Courier Services	6.00
6/30/17	Corporate Couriers Check # - 000033505 Courier, Corporate Couriers, 6/30/2017, 47399, Courier Services	10.00
6/30/17	ReSolved Energy Cons Voucher # - 000089314 Consultant Services, ReSolved Energy Consulting, LLC, 7/10/2017, 4010, Professional services for June 2017 - Project LG CEH 17 EECRF (47232)	1,017.00
TOTAL DISBURSEMENTS		\$ 1,033.46
TOTAL THIS INVOICE		\$ 3,256.46

REPORT ID...: REG239
COST REGISTER
REPORT NAME: *FINAL

Lloyd Gosselink
FINAL REGISTER
SRVC CODE/DATE

Group..... 0003748 Through 0003748

Page 1
Date 7/05/17
Time 10:40:50
User DXKWHITEH

*****														*****	
Client#/ Matter #	SubC SubM	Client Name/ Matter Desc	Work Atty	Trans Date	Srvc Code	Trans Amt Quantity	Vchr Grp/ Voucher #	Check #/ User ID	Payee/ Group Desc/ Narrative	Group Item#					
1720 33	000	Gulf Coast C Docket No 47	COST COST	6/06/2017	050	.46 .00			DXKWHITEHE June 2017 Postage Postage	0003748 00010					

\$.46

1720-33

INVOICE

CORPORATE COURIERS
2335 KRAMER LANE, STE. F
AUSTIN, TX 78758
41998

Invoice No.	Customer No.
47209	1201
Invoice Date	Total Due
6/15/17	561.60

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

NOW ACCEPTING VISA, M/C &
AMEX FOR INVOICE PAYMENT
PLEASE CALL 512.479.4007
TO GET SETUP.

			Customer No.	Invoice No.	Period Ending	Amount Due	Pg.		
			1201	47209	6/15/17	961.60	2		
Date	Order No.	Svc	Service Detail					Charges	Total
6/14/17	727613	1BK 2BK	LLOYD GOSSELINK ROCHELLE & TOWNSEND PUC 816 CONGRESS AVE 1701 N. CONGRESS AVE. AUSTIN TX 78701 AUSTIN TX 78701 Caller: OFFICE SERVICES Time: 13:04 Wght: 1 Lbs Signed: KRYSTLE CAMPOS					Base : 10.00 Return : 8.00	18.00/3
Total Charges for Ref. - 3862-1 1720-33 1669-41:						18.00			

6.00
\$6.00

1720-33

INVOICE

CORPORATE COURIERS
2335 KRAMER LANE, STE. F
AUSTIN, TX 78758
41998

Invoice No.	Customer No.
47399	1201
Invoice Date	Total Due
6/30/17	670.70

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

NOW ACCEPTING VISA, M/C &
AMEX FOR INVOICE PAYMENT
PLEASE CALL 512.479.4007
TO GET SETUP.

			Customer No.	Invoice No.	Period Ending	Amount Due	Pg.		
			1201	47399	6/30/17	670.70	4		
Date	Order No.	Svc	Service Detail				Charges	Total	
6/26/17	730187	1BK 1BK	LLOYD GOSSELINK ROCHELLE & TOWNSEND PUC 816 CONGRESS AVE 1701 N. CONGRESS AVE. AUSTIN TX 78701 AUSTIN TX 78701 Caller: OFFICE SERVICES Time: 14:57 Wght: 1 Lbs Signed: GARCIA				Base : 10.00 Return : 10.00 1720-33 \$10.00 1669-41 10.00	20.00	
Total Charges for Ref. - KWH/TRL 1720-33 1669-41:						20.00			

1720-33 \$10.00
1669-41 10.00

\$10.00

1720-33

ReSolved Energy Consulting, LLC

11044 Research Blvd., Suite A-420
Austin, Texas 78759
Phone (512) 331-4949

Invoice

DATE	INVOICE NUMBER
7/10/2017	4010

BILL TO

Thomas Brocato
Lloyd Gosselink Lawfirm
816 Congress Ave, # 1900
Austin, Tx 78701

PROJECT			
LG CEH 17 EECRF (47232)			
DESCRIPTION	HOURS	RATE	AMOUNT
Consulting (K. Nalepa)	2.7	260.00	702.00
Consulting (E. Cromleigh)	1.8	175.00	315.00
Total Labor			1,017.00
Work Completed thru - June 30, 2017		TOTAL DUE	\$1,017.00

Monthly Recap

Karl Nalepa

Date	Task	Hours
June 9, 2017	Download and review filing and exhibits. (1.00 Admin/Case Management)	1.00
June 14, 2017	Review filing and respond to H. Wilchar regarding additional issues. (0.50 Admin/Case Management)	0.50
June 30, 2017	Review filing and prepare discovery. (1.20 Admin/Case Management)	1.20

2.70

Monthly Recap

Erin Cromleigh

Date	Task	Hours
June 9, 2017	Review filing. (1.80 Admin/Case Management)	1.80
		1.80

2017 Spending (\$)		
Incentives	\$	28,176,842
Total Admin & R&D	\$	3,244,010
Administration	\$	3,121,235
R&D		122,775
Total Program Costs	\$	31,420,852
Itemized Admin and R&D Expenses		
Labor	\$	2,212,219
Consultants	\$	780,750
Contract Labor	\$	86,509
R&D Project Costs	\$	59,501
Sponsorships	\$	9,213
Expenses	\$	33,763
Shared Services	\$	18,364
IT Services	\$	31,603
Misc. Equipment and Services	\$	12,088

Workpaper JRDWP8 is confidential. A copy of this material will be provided pursuant to the protective order issued in this docket.

PY2018

Utility	Year	Sector	Program	kW	kWh	kW %	kWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY1 Cost	CY2 Cost
CenterPoint	2018	Com	Advanced Lighting Residential	2,702	11,353,330	2%	6%	Low	1	2%	4%	\$32,125	\$10,213	\$21,169	\$21,169	\$0
CenterPoint	2018	Com	Commercial MTP (SCORE, Healthcare , Data Center)	7,000	38,000,000	4%	20%	Medium	3	6%	13%	\$107,525	\$30,639	\$69,082	\$69,082	\$0
CenterPoint	2018	Com	Large Commercial Load Management SOP	98,000	590,000	61%	0%	High	5	9%	5%	\$1,669	\$51,065	\$26,367	\$26,367	\$0
CenterPoint	2018	Com	Large Commercial SOP	15,000	86,000,000	9%	45%	Medium	3	6%	25%	\$243,345	\$30,639	\$136,992	\$136,992	\$0
CenterPoint	2018	Com	REP (Commercial CoolSaver)	181	559,472	0%	0%	High	5	9%	5%	\$1,583	\$51,065	\$26,324	\$26,324	\$0
CenterPoint	2018	Com	Retro-Commissioning MTP	1,652	14,000,000	1%	7%	Medium	3	6%	6%	\$39,614	\$30,639	\$35,127	\$35,127	\$0
CenterPoint	2018	HTR	Hard-to-Reach SOP	1,876	3,668,810	1%	2%	Medium	3	6%	4%	\$10,381	\$30,639	\$20,510	\$20,510	\$0
CenterPoint	2018	HTR	Multi-Family MTP (HTR)	1,519	1,476,201	1%	1%	Medium	3	6%	3%	\$4,177	\$30,639	\$17,408	\$17,408	\$0
CenterPoint	2018	LI	Targeted Low Income MTP (Agencies In Action)	1,170	2,053,554	1%	1%	Low	1	2%	1%	\$5,811	\$10,213	\$8,012	\$8,012	\$0
CenterPoint	2018	Res	Advanced Lighting Commercial	142	597,544	0%	0%	Low	1	2%	1%	\$1,691	\$10,213	\$5,952	\$5,952	\$0
CenterPoint	2018	Res	CenterPoint Energy High Efficiency Homes MTP	6,230	14,583,333	4%	8%	High	5	9%	9%	\$41,265	\$51,065	\$46,165	\$46,165	\$0
CenterPoint	2018	Res	Multi-Family MTP	658	1,430,896	0%	1%	Medium	3	6%	3%	\$4,049	\$30,639	\$17,344	\$17,344	\$0
CenterPoint	2018	Res	REP (CoolSaver & Efficiency Connection)	3,344	10,135,652	2%	5%	High	5	9%	7%	\$28,680	\$51,065	\$39,873	\$39,873	\$0
CenterPoint	2018	Res	Residential & SC SOP	952	1,740,893	1%	1%	Medium	3	6%	3%	\$4,926	\$30,639	\$17,783	\$17,783	\$0
CenterPoint	2018	Res	Residential Demand Response Program	19,500	117,000	12%	0%	High	5	9%	5%	\$331	\$51,065	\$25,698	\$25,698	\$0
CenterPoint	2018	Res	Residential Pool Pump & A/C Distributor MTP	1,379	3,790,617	1%	2%	Medium	3	6%	4%	\$10,726	\$30,639	\$20,683	\$20,683	\$0
CenterPoint	2018	Res	Smart Thermostat Program (Pilot)	250	1,200,000	0%	1%	Low	1	2%	1%	\$3,396	\$10,213	\$6,804	\$6,804	\$0

DOCKET NO. _____

APPLICATION OF CENTERPOINT	§	
ENERGY HOUSTON ELECTRIC,	§	PUBLIC UTILITY COMMISSION
LLC FOR APPROVAL OF AN	§	
ADJUSTMENT TO ITS ENERGY	§	OF TEXAS
EFFICIENCY COST RECOVERY	§	
FACTOR	§	

DIRECT TESTIMONY OF
LAURIE A. BURRIDGE KOWALIK
FOR
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

June 1, 2018

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TABLE OF EXHIBITS

<u>Exhibit</u>	<u>Description</u>
Exhibit LABK-1	Professional Qualifications of Laurie A. Burrridge-Kowalik
Exhibit LABK-2	Calculation of Rider EECRF Charges
Exhibit LABK-3	Rider EECRF – Annotated
Exhibit LABK-4	Rider EECRF – Clean Copy