

PERFORMANCE-BASED AWARD DESIGN

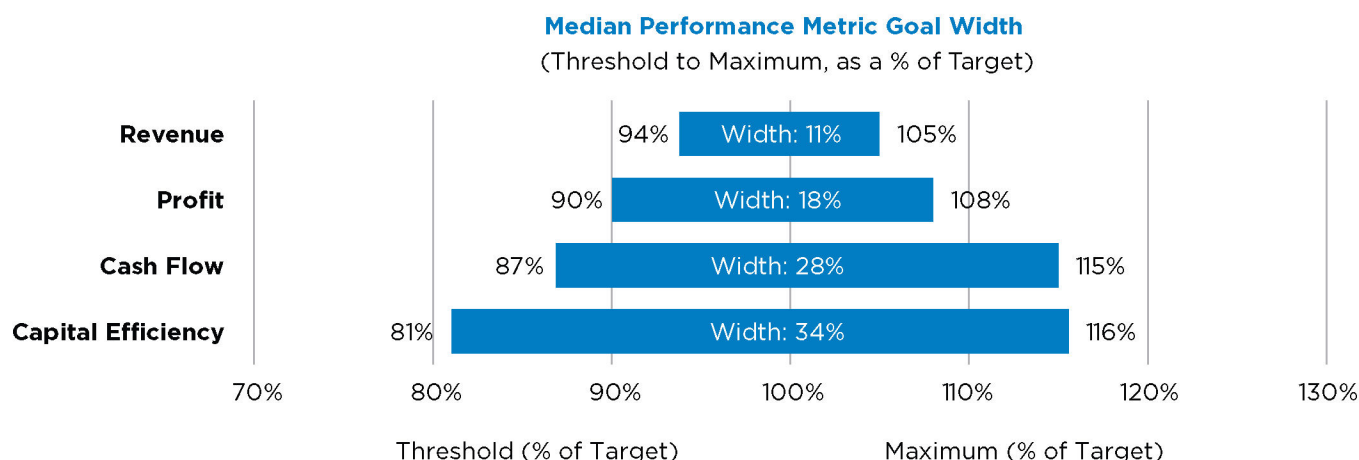
Non-TSR Financial Goal Width

Performance goal width is the range between threshold and maximum performance goals, where:

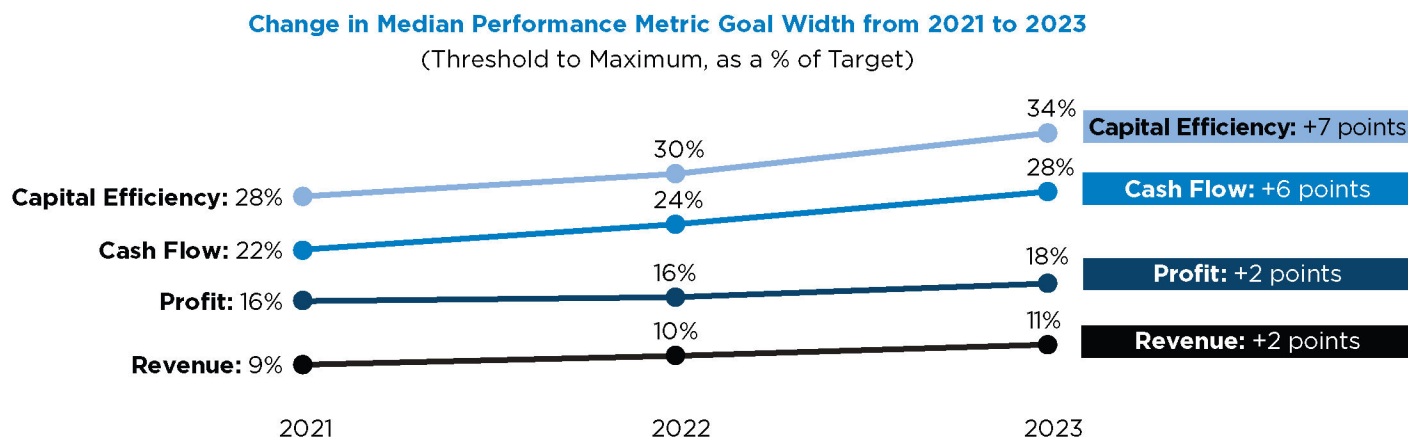
- Threshold is the minimum performance to warrant any payout at all, and maximum is the performance required to achieve the highest possible payout.
- For consistent comparisons across companies, performance goal width is calculated as the difference between threshold and maximum goals as a percent of target (e.g., if threshold, target, and maximum are \$9.5B, \$10.0B, and \$10.5B in revenue, respectively, then threshold is 95% of target, maximum is 105% of target, and the goal width is 10% of target).

The goal width between threshold and maximum is typically narrowest for revenue metrics and becomes progressively wider for profit, cash flow, and capital efficiency metrics.

- Revenue is generally the most predictable financial measure, resulting in the narrowest goal width.
- Profit measures are determined by two types of inputs (e.g., revenue and various costs), typically resulting in a wider goal range.
- Cash flow and capital efficiency goal widths tend to be even wider due to the additional variable inputs that impact their results (e.g., return on assets is calculated by dividing profit by total assets).



Performance goal widths have expanded in recent years due to continued market uncertainty and challenging operating environments. Since 2021 (the first year that FW Cook began collecting comprehensive data on this), goal widths have increased by 2 to 7 percentage points, depending on the measure.

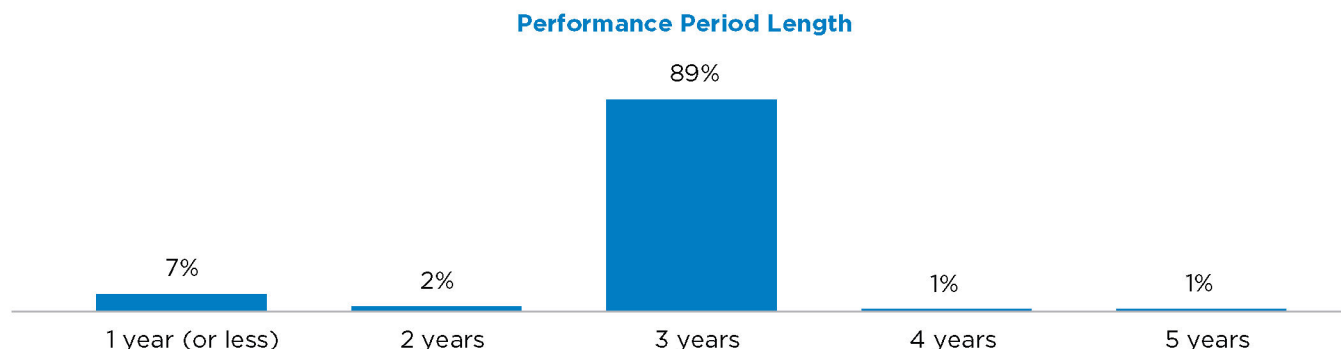


PERFORMANCE-BASED AWARD DESIGN

How Are Performance Periods Defined?

Overall Performance Measurement Period Length

Most performance-based awards continue to be measured over a three-year period (89%), aligning with common expectations that performance-based awards generally have an overall performance period of at least three years. Companies that measure performance in annual increments (e.g., annual goals over a three-year period) are included in this statistic, with the use of cumulative vs. annual performance measurement discussed on page 12.



Additional Time Vesting Tails

Performance-based awards with short performance periods (e.g., less than three years) typically require additional time vesting “tails” that bring overall award vesting to at least three years.

- Of awards with one- and two-year performance periods, 95% and 83%, respectively, have overall vesting periods of at least three years with the additional time vesting tail.
- Additional time vesting tails are rare for awards with three-year or longer performance periods.

		Performance Period Length				
		≤1 year	2 years	3 years	4 years	5 years
Additional Time Vesting Tail	0 years	5%	17%	94%	100%	100%
	1 year	—	67%	3%	—	—
	2 years	75%	17%	3%	—	—
	3 years	15%	—	—	—	—
	4 years	5%	—	—	—	—

Blue = Total vesting ≥3 years (performance period + additional time vesting tail)

PERFORMANCE-BASED AWARD DESIGN

Annual vs. Cumulative Performance Measurement

While measuring performance in annual increments (i.e., using multiple discrete, one-year goals) has increased in prevalence since the pandemic, cumulative performance measurement remains by far the most common approach. The uptick in annual measurement is likely not a permanent trend, but is indicative of how companies are addressing recent uncertainty.

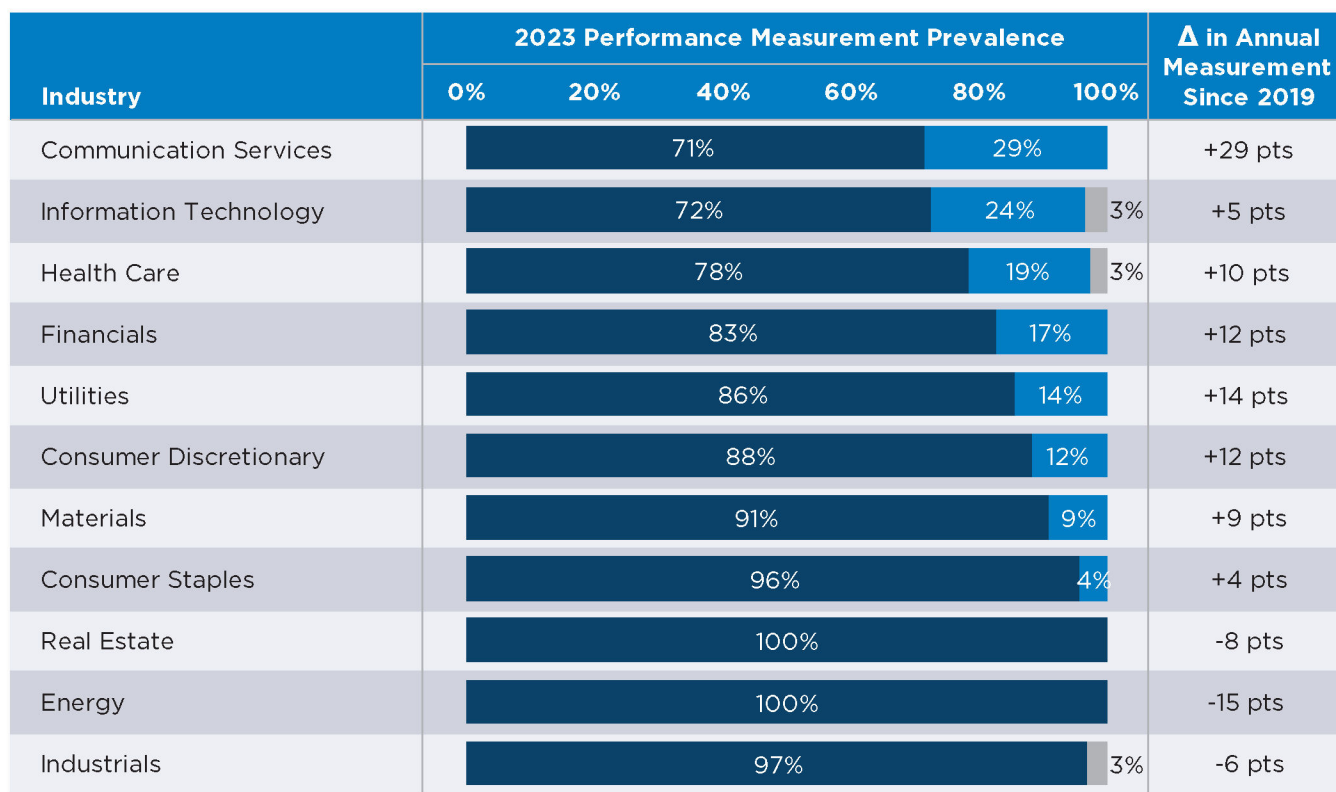
In 2023, 12% of companies use annual performance periods, which is double the rate observed immediately prior to the pandemic (6% of companies in 2019).

- Annual performance measurement is more common in certain industries, with a 20% to 30% prevalence among the Communication Services, Information Technology, and Health Care sectors.

Cumulative measurement continues to be preferred by proxy advisors and investors. There is concern that multiple annual goals do not incentivize long-term thinking depending on the design.

- Setting goals at each annual tranche (including awards that apply a fixed growth goal to each prior year's actual performance) as opposed to all-at-once at grant has increased 30% in prevalence (46% in 2023 vs. 36% in 2019). While setting goals year-by-year further deleverages performance risk, it is subject to more external scrutiny than upfront goal setting.
- For awards where goals are set year-by-year, the grant value will be split between multiple years of proxy statement Grants of Plan Based Awards Tables.

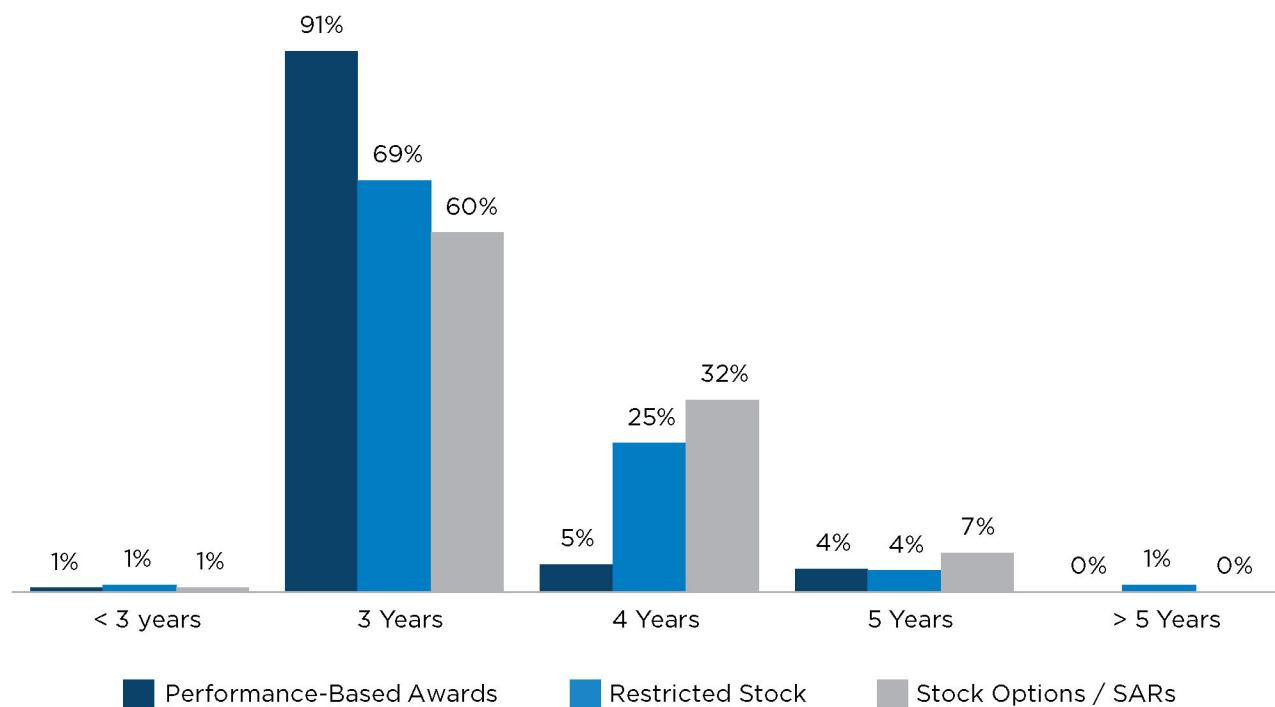
Similarly, companies may find that annual performance measurement has unique goal-setting complexities, including when to set annual goals, how to weight each annual period in the overall payout, whether to include a cumulatively measured metric to incentivize long-term thinking, etc.



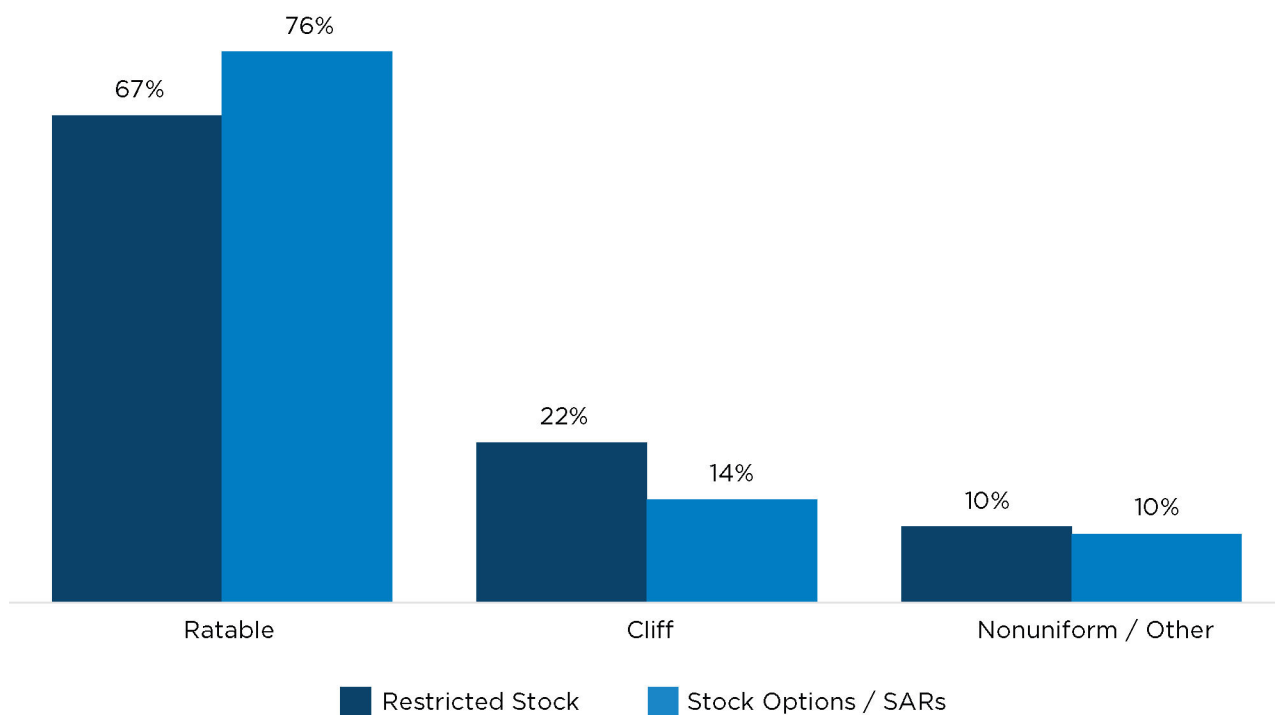
■ Cumulative ■ Annual ■ Other

APPENDIX – SUPPLEMENTAL DETAIL

Vesting Period of Award Types

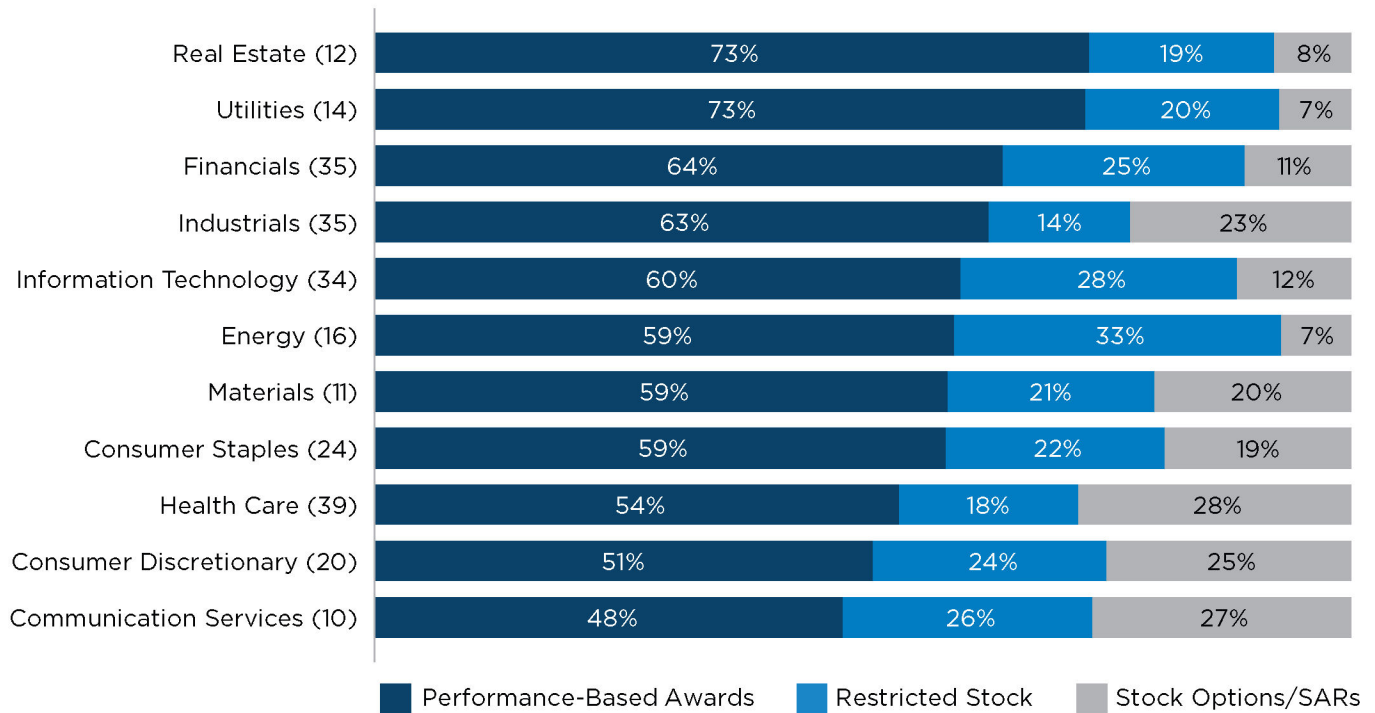


Time-Based Long-Term Incentives Vesting Schedule

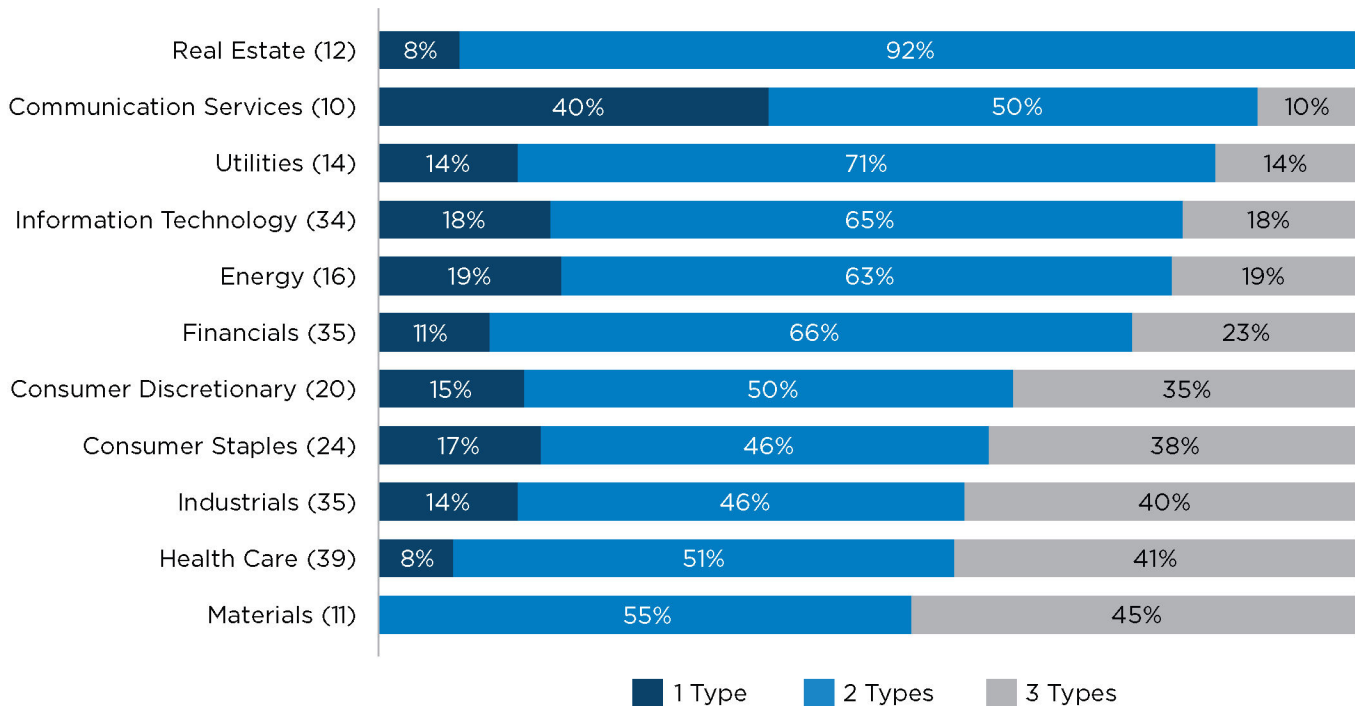


APPENDIX – SUPPLEMENTAL DETAIL

Average CEO Long-Term Incentive Mix by Industry

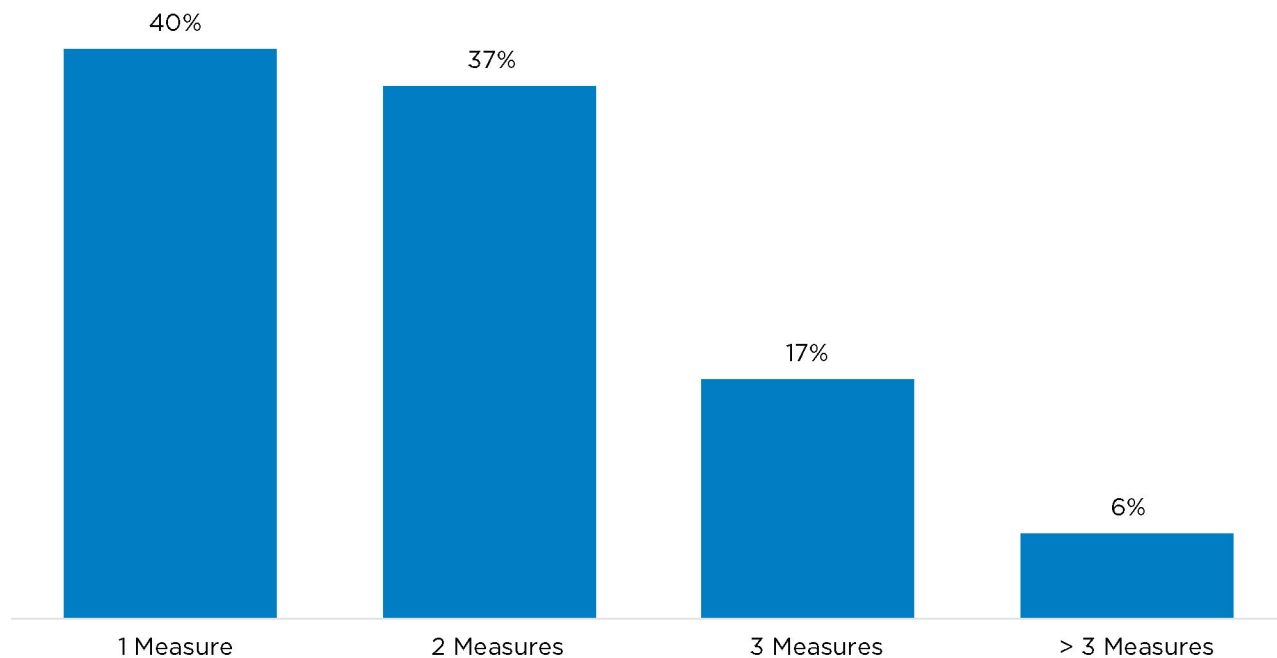


Number of Grant Types by Industry

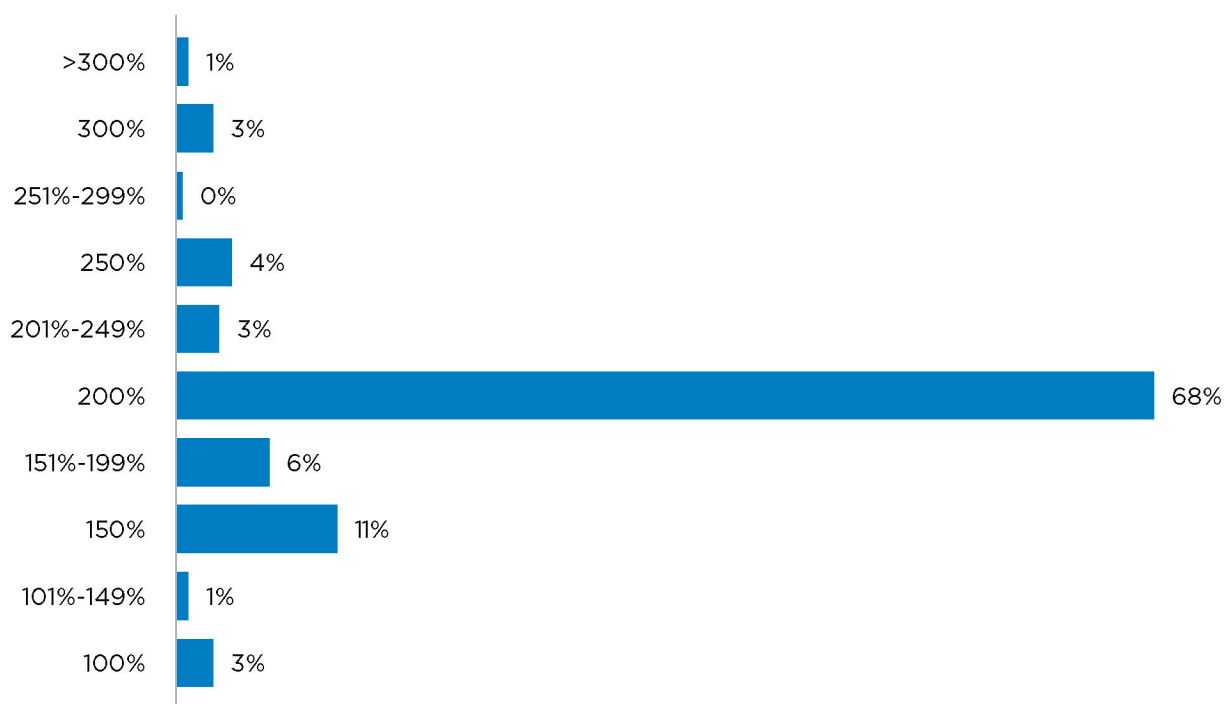


APPENDIX – SUPPLEMENTAL DETAIL

Number of Performance Metrics Used

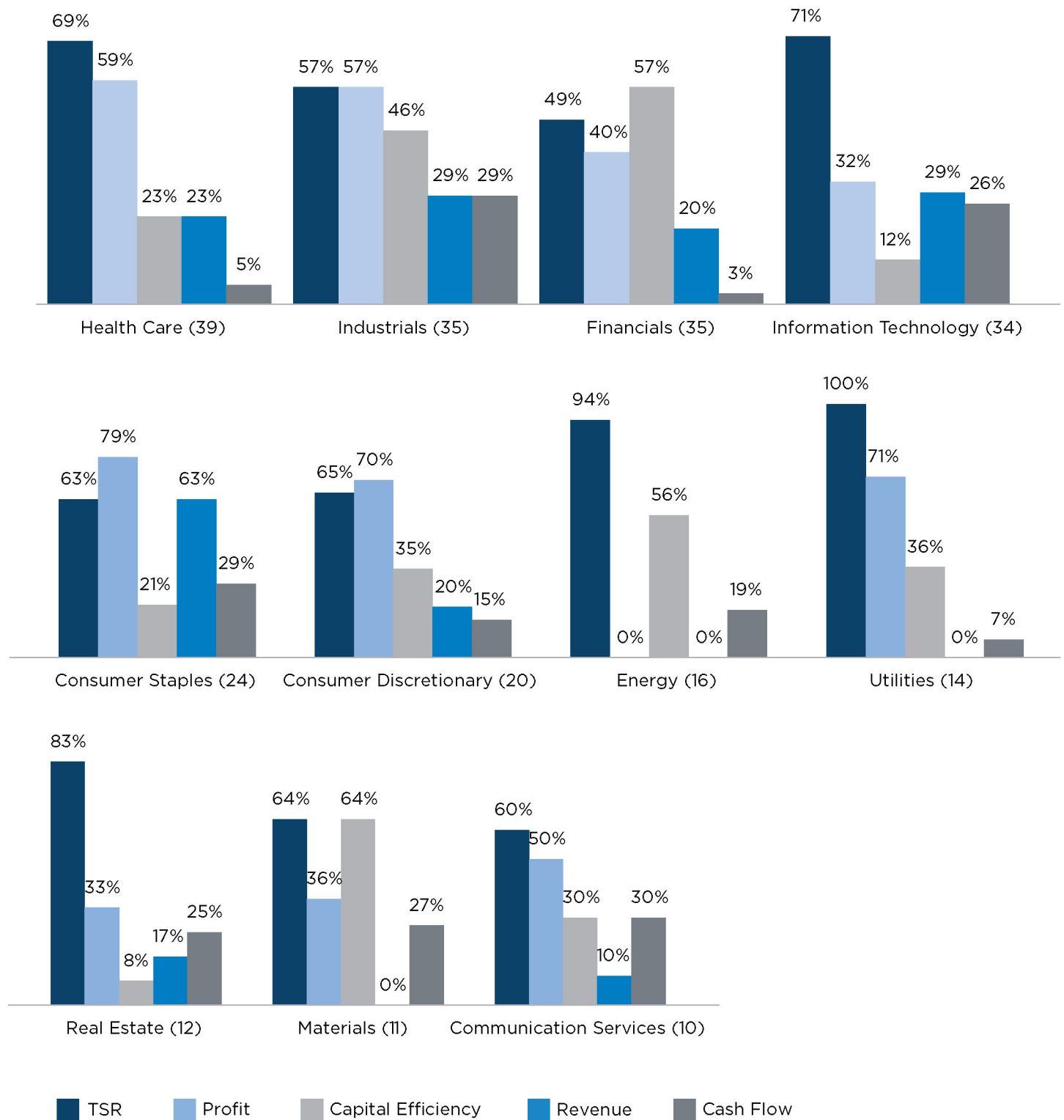


Performance Award Maximum Payouts (As a % of Target)



APPENDIX – SUPPLEMENTAL DETAIL

Performance Metric Prevalence by Industry



APPENDIX – COMPANIES STUDIED

Communication Services (10 Companies)

AT&T Inc.	Meta Platforms, Inc.	Verizon Communications Inc.
Charter Communications, Inc.	Netflix, Inc.	Warner Bros. Discovery, Inc.
Comcast Corp.	The Walt Disney Co.	
Electronic Arts Inc.	T-Mobile US, Inc.	

Consumer Discretionary (20 Companies)

AutoZone, Inc.	Las Vegas Sands Corp.	Ross Stores, Inc.
Booking Holdings Inc.	Lennar Corp.*	Starbucks Corp.
Chipotle Mexican Grill, Inc.	Lowe's Companies, Inc.	The Home Depot, Inc.
D.R. Horton, Inc.*	Marriott International, Inc.	The TJX Companies, Inc.
Ford Motor Co.	McDonald's Corp.	Ulta Beauty, Inc.*
General Motors Co.	NIKE, Inc.	Yum! Brands, Inc.
Hilton Worldwide Holdings Inc.	O'Reilly Automotive, Inc.	

Consumer Staples (24 Companies)

Altria Group, Inc.	General Mills, Inc.	Target Corp.
Archer-Daniels-Midland Co.	Keurig Dr Pepper Inc.*	The Coca-Cola Co.
Brown-Forman Corp.	Kimberly-Clark Corp.	The Estée Lauder Companies Inc.
Colgate-Palmolive Co.	Mondelez International, Inc.	The Hershey Co.
Constellation Brands, Inc.*	Monster Beverage Corp.	The Kroger Co.
Costco Wholesale Corp.	PepsiCo, Inc.	The Procter & Gamble Co.
Dollar General Corp.	Philip Morris International Inc.	Walgreens Boots Alliance, Inc.
Dollar Tree, Inc.	Sysco Corp.	Walmart Inc.

Energy (16 Companies)

Baker Hughes Co.	Halliburton Co.	Pioneer Natural Resources Co.
Chevron Corp.	Hess Corp.	Schlumberger Limited
ConocoPhillips	Marathon Petroleum Corp.	The Williams Companies, Inc.
Devon Energy Corp.	Occidental Petroleum Corp.	Valero Energy Corp.
EOG Resources, Inc.	ONEOK, Inc.	
Exxon Mobil Corp.	Phillips 66	

(*Denotes new company in 2023 Top 250)

APPENDIX – COMPANIES STUDIED

Financials (35 Companies)

Aflac Inc.	Fiserv, Inc.	S&P Global Inc.
American Express Co.	Global Payments Inc.	The Allstate Corp.
American International Group, Inc.	Intercontinental Exchange, Inc.	The Bank of New York Mellon Corp.
Ameriprise Financial, Inc.	JPMorgan Chase & Co.	The Charles Schwab Corp.
Arthur J. Gallagher & Co.	Marsh & McLennan Companies, Inc.	The Goldman Sachs Group, Inc.
Bank of America Corp.	Mastercard Inc.	The PNC Financial Services Group, Inc.
BlackRock, Inc.	MetLife, Inc.	The Progressive Corp.
Capital One Financial Corp.	Moody's Corp.	The Travelers Companies, Inc.
Citigroup Inc.	Morgan Stanley	Truist Financial Corp.
CME Group Inc.	MSCI Inc.	U.S. Bancorp
Fidelity National Information Services, Inc.	PayPal Holdings, Inc.	Visa Inc.
	Prudential Financial, Inc.	Wells Fargo & Co.

Health Care (39 Companies)

Abbott Laboratories	Elevance Health, Inc.	Moderna, Inc.
AbbVie Inc.	Eli Lilly and Co.	Pfizer Inc.
Agilent Technologies, Inc.	GE HealthCare Technologies Inc.*	Regeneron Pharmaceuticals, Inc.
AmerisourceBergen Corp.	Gilead Sciences, Inc.	ResMed Inc.
Amgen Inc.	HCA Healthcare, Inc.	Stryker Corp.
Becton, Dickinson and Co.	Humana Inc.	The Cigna Group
Biogen Inc.	IDEXX Laboratories, Inc.	Thermo Fisher Scientific Inc.
Boston Scientific Corp.	Illumina, Inc.	UnitedHealth Group Inc.
Bristol-Myers Squibb Co.	Intuitive Surgical, Inc.	Vertex Pharmaceuticals Inc.
Centene Corp.	IQVIA Holdings Inc.	Zimmer Biomet Holdings, Inc.*
CVS Health Corp.	Johnson & Johnson	Zoetis Inc.
Danaher Corp.	McKesson Corp.	
DexCom, Inc.	Merck & Co., Inc.	
Edwards Lifesciences Corp.	Mettler-Toledo International Inc.	

Industrials (35 Companies)

3M Co.	General Dynamics Corp.	Paychex, Inc.
AMETEK, Inc.	General Electric Co.	Raytheon Technologies Corp.
Automatic Data Processing, Inc.	Honeywell International Inc.	Republic Services, Inc.
Carrier Global Corp.	Illinois Tool Works Inc.	Rockwell Automation, Inc.
Caterpillar Inc.	L3Harris Technologies, Inc.	The Boeing Co.
Cintas Corp.	Lockheed Martin Corp.	TransDigm Group Inc.
CSX Corp.	Norfolk Southern Corp.	Union Pacific Corp.
Cummins Inc.	Northrop Grumman Corp.	United Parcel Service, Inc.
Deere & Co.	Old Dominion Freight Line, Inc.	Verisk Analytics, Inc.
Emerson Electric Co.	Otis Worldwide Corp.	W.W. Grainger, Inc.*
Fastenal Co.	PACCAR Inc	Waste Management, Inc.
FedEx Corp.	Parker-Hannifin Corp.	

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APPENDIX – COMPANIES STUDIED

Information Technology (34 Companies)

Adobe Inc.	Cognizant Technology Solutions Corp.	Motorola Solutions, Inc.
Advanced Micro Devices, Inc.	Corning Inc.	NVIDIA Corp.
Amphenol Corp.	Fortinet, Inc.	ON Semiconductor Corp.*
Analog Devices, Inc.	HP Inc.	Oracle Corp.
ANSYS, Inc.*	Intel Corp.	QUALCOMM Inc.
Apple Inc.	International Business Machines Corp.	Roper Technologies, Inc.
Applied Materials, Inc.	Intuit Inc.	Salesforce, Inc.
Arista Networks, Inc.	KLA Corp.	ServiceNow, Inc.
Autodesk, Inc.	Lam Research Corp.	Synopsys, Inc.
Broadcom Inc.	Microchip Technology Inc.	Texas Instruments Inc.
Cadence Design Systems, Inc.	Micron Technology, Inc.	
Cisco Systems, Inc.	Microsoft Corp.	

Materials (11 Companies)

Air Products and Chemicals, Inc.	Ecolab Inc.	Nucor Corp.
Corteva, Inc.	Freeport-McMoRan Inc.	PPG Industries, Inc.
Dow Inc.	LyondellBasell Industries N.V.	The Sherwin-Williams Co.
DuPont de Nemours, Inc.	Newmont Corp.	

Real Estate (12 Companies)

American Tower Corp.	Equinix, Inc.	SBA Communications Corp.
CoStar Group, Inc.*	Prologis, Inc.	Simon Property Group, Inc.
Crown Castle Inc.	Public Storage	VICI Properties Inc.*
Digital Realty Trust, Inc.	Realty Income Corp.	Welltower Inc.

Utilities (14 Companies)

American Electric Power Co., Inc.	Edison International	Sempra Energy
American Water Works Co., Inc.	Exelon Corp.	The Southern Co.
Consolidated Edison, Inc.	NextEra Energy, Inc.	WEC Energy Group, Inc.
Dominion Energy, Inc.	PG&E Corp.*	Xcel Energy Inc.
Duke Energy Corp.	Public Service Enterprise Group Inc.	

(*Denotes new company in 2023 Top 250)

FW COOK PROFILE

FW Cook is an independent consulting firm specializing in executive and director compensation and related corporate governance matters. Formed in 1973, our firm has served more than 4,000 companies of divergent size and business focus from our offices in New York, Chicago, Los Angeles, San Francisco, Atlanta, Houston, and Boston. We currently serve as the independent advisor to the compensation committees at a substantial number of the most prominent companies in the United States.

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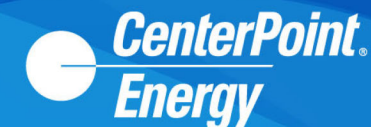
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Short-Term Incentive (STI) Plan Goals
Performance Year: 2023



2023 Short-Term Incentive Plan Goals Houston Electric ⁽¹⁾



Goals	Weight	Threshold 50%	Target 100%	Maximum 150%
Safety ⁽²⁾ and Cyber	20%			
Enterprise-wide Shared Safety Goals:	10%			
Leadership Safety Engagement Rate (LSER)	2.5%	65.5%	68.7%	72.0%
Safety Management System (SMS) % Actions Complete (SPAIC)	2.5%	95%	97%	100%
Phishing - Cyber Resiliency Rate	5%	21	23	25
Individual Safety Goals:	10%			
Days Away, Restricted or Transferred (DART)	5%	23	21	19
Preventable Vehicle Collision Incident (PVC)	5%	53	50	48
Other Performance	30%			
System Average Interruption Duration Index (SAIDI)	7.5%	138.3	125.7	113.1
System Average Interruption Frequency Index (SAIFI)	7.5%	1.4	1.2	1.1
300% Repeating Circuit	7.5%	5	3	1
Customer Satisfaction	7.5%	80%	84%	88%
	Weight	Threshold 50%	Target 100%	Maximum 200%
Efficient Work Execution (O&M)	30%	Plan plus 1%	Plan	Plan less 2%
Capital Delivery	20%	Plan +/- 3%	Plan +/- 2%	Plan +/- 1%

⁽¹⁾ Includes SVP Electric Business and the employees who report in this organization. Excludes SVP Indiana Electric and the employees who report into the organization. Each employee will follow the design of his/her work group as of year-end 2023

⁽²⁾ With the exception of a non-preventable vehicle incident fatality or an act of violence from a member(s) of the public, a fatality in any segment will reduce LSER, SPAIC, and DART 2023 achievement for all segments by 50%; Fatality will also reduce PVC 2023 achievement by 50% if the employee fatality involves a preventable vehicle collision.

2023 Short-Term Incentive Plan Goals Indiana Electric ⁽¹⁾

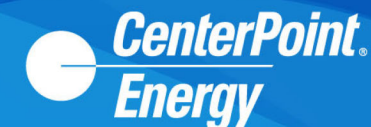


Goals	Weight	Threshold 50%	Target 100%	Maximum 150%
Safety ⁽²⁾ and Cyber	20%			
Enterprise-wide Shared Safety Goals:	10%			
Leadership Safety Engagement Rate (LSER)	2.5%	65.5%	68.7%	72.0%
Safety Management System (SMS) % Actions Complete (SPAIC)	2.5%	95%	97%	100%
Phishing - Cyber Resiliency Rate	5%	21	23	25
Individual Safety Goals:	10%			
Days Away, Restricted or Transferred (DART)	5%	3	2	1
Preventable Vehicle Collision Incident (PVC)	5%	6	5	4
Other Performance	30%			
System Average Interruption Duration Index (SAIDI)	7.5%	94.7	86.0	77.4
System Average Interruption Frequency Index (SAIFI)	7.5%	1.01	0.92	0.82
Equivalent Forced Outage Rate (EFOR)	7.5%	12%	8%	5%
Power Alert Service (PAS) Satisfaction	7.5%	4.39	4.45	4.51
	Weight	Threshold 50%	Target 100%	Maximum 200%
Efficient Work Execution (O&M)	30%	Plan plus 1%	Plan	Plan less 2%
Capital Delivery	20%	Plan +/- 3%	Plan +/- 2%	Plan +/- 1%

⁽¹⁾ Includes SVP Electric business, SVP Indiana Electric and the employees who report into Indiana Electric organization. Each employee will follow the design of his/her work group as of year-end 2023

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2023 Short-Term Incentive Plan Goals Natural Gas Operations ⁽¹⁾

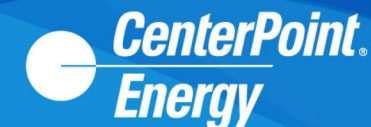


Goals	Weight	Threshold 50%	Target 100%	Maximum 150%
Safety ⁽²⁾ and Cyber	20%			
Enterprise-wide Shared Safety Goals:	10%			
Leadership Safety Engagement Rate (LSER)	2.5%	65.5%	68.7%	72.0%
Safety Management System (SMS) % Actions Complete (SPAIC)	2.5%	95%	97%	100%
Phishing - Cyber Resiliency Rate	5%	21	23	25
Individual Safety Goals:	10%			
Days Away, Restricted or Transferred (DART)	5%	52	49	47
Preventable Vehicle Collision Incident (PVC)	5%	71	68	64
Other Performance	30%			
Emergency Response Time (HH:MM:SS)	20%	0:29:07	0:28:44	0:28:26
Field Satisfaction	10%	4.25	4.27	4.29
	Weight	Threshold 50%	Target 100%	Maximum 200%
Efficient Work Execution (O&M)	30%	Plan plus 1%	Plan	Plan less 2%
Capital Delivery	20%	Plan +/- 3%	Plan +/- 2%	Plan +/- 1%

⁽¹⁾ Includes SVP Natural Gas Business and the employees who report in this organization. Each employee will follow the design of his/her work group as of year-end 2023

⁽²⁾ With the exception of a non-preventable vehicle incident fatality or an act of violence from a member(s) of the public, a fatality in any segment will reduce LSER, SPAIC, and DART 2023 achievement for all segments by 50%; Fatality will also reduce PVC 2023 achievement by 50% if the employee fatality involves a preventable vehicle collision.

2023 Short-Term Incentive Plan Goals Operations Support ⁽¹⁾

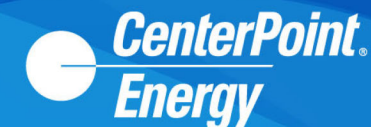


Goals	Weight	Threshold 50%	Target 100%	Maximum 150%
Safety ⁽²⁾ and Cyber	20%			
Enterprise-wide Shared Safety Goals:	10%			
Leadership Safety Engagement Rate (LSER)	2.5%	65.5%	68.7%	72.0%
Safety Management System (SMS) % Actions Complete (SPAIC)	2.5%	95%	97%	100%
Phishing - Cyber Resiliency Rate	5%	21	23	25
Individual Safety Goals:	10%			
Days Away, Restricted or Transferred (DART)	5%	3	2	1
Preventable Vehicle Collision Incident (PVC)	5%	5	4	3
Other Performance	30%			
CI Maturity	10%	14.5%	15.5%	17.0%
At-fault Damage Rate	10%	0.25	0.23	0.22
Energy Saving Metric:	10%			
MN – Gas CIP	4%	1,717,418	1,908,242	2,099,066
TX – Electric EE	5%	204,872	227,636	250,400
IN – Electric EE	1%	33,763	37,514	41,265
	Weight	Threshold 50%	Target 100%	Maximum 200%
Efficient Work Execution (O&M)	30%	Plan plus 1%	Plan	Plan less 2%
Capital Delivery	20%	Plan +/- 3%	Plan +/- 2%	Plan +/- 1%

⁽¹⁾ Includes SVP Utility Operations Support and the employees who report in this organization. Each employee will follow the design of his/her work group as of year-end 2023

⁽²⁾ With the exception of a non-preventable vehicle incident fatality or an act of violence from a member(s) of the public, a fatality in any segment will reduce LSER, SPAIC, and DART 2023 achievement for all segments by 50%; Fatality will also reduce PVC 2023 achievement by 50% if the employee fatality involves a preventable vehicle collision.

2023 Short-Term Incentive Plan Goals Customer Operations ⁽¹⁾



Goals	Weight	Threshold 50%	Target 100%	Maximum 150%
Safety ⁽²⁾ and Cyber	20%			
Enterprise-wide Shared Safety Goals:	10%			
Leadership Safety Engagement Rate (LSER)	2.5%	65.5%	68.7%	72.0%
Safety Management System (SMS) % Actions Complete (SPAIC)	2.5%	95%	97%	100%
Phishing - Cyber Resiliency Rate	5%	21	23	25
Individual Safety Goals:	10%			
Emergency Call Response	7.5%	20 Seconds	16 Seconds	12 Seconds
Utility Safety Performance Blend	2.5%			
Other Performance	30%			
Call Center Satisfaction	10%	4.32	4.43	4.50
Power Alert Service (PAS) Satisfaction	10%	4.39	4.48	4.51
Tariff Standard Compliance (EMO)	10%	98.5%	99.0%	99.5%
	Weight	Threshold 50%	Target 100%	Maximum 200%
Efficient Work Execution (O&M)	40%	Plan plus 1%	Plan	Plan less 2%
Capital Delivery	10%	Plan +/- 3%	Plan +/- 2%	Plan +/- 1%

⁽¹⁾ Includes SVP & Chief Customer Officer and the employees who report in this organization. Each employee will follow the design of his/her work group as of year-end 2023.

⁽²⁾ With the exception of a non-preventable vehicle incident fatality or an act of violence from a member(s) of the public, a fatality in any segment will reduce LSER, SPAIC, and DART 2023 achievement for all segments by 50%; Fatality will also reduce PVC 2023 achievement by 50% if the employee fatality involves a preventable vehicle collision. For Supporting functions (Customer Ops, IT, Corp Services), Fatality will impact its safety achievement through Blended Utility Safety Performance metric.

2023 Short-Term Incentive Plan Goals Information Technology ⁽¹⁾

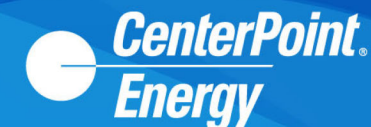


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Safety ⁽²⁾ and Cyber	15%			
Enterprise-wide Shared Safety Goals:	10%			
Leadership Safety Engagement Rate (LSER)	2.5%	65.5%	68.7%	72.0%
Safety Management System (SMS) % Actions Complete (SPAIC)	2.5%	95%	97%	100%
Phishing - Cyber Resiliency Rate	5%	21	23	25
Individual Safety Goals:	5%			
Safety Incidents: Preventable Collisions / DART Lost Time Injuries / Recordable Incidents	2.5%	2	1	0
Utility Safety Performance Blend	2.5%			
	Weight	Threshold 50%	Target 100%	Maximum 200%
Efficient Work Execution (O&M)	30%	Plan plus 1%	Plan	Plan less 2%
Capital Delivery	20%	Plan +/- 3%	Plan +/- 2%	Plan +/- 1%

⁽¹⁾ Includes SVP & Chief Information Officer and the employees who report in this organization. Each employee will follow the design of his/her work group as of year-end 2023

⁽²⁾ With the exception of a non-preventable vehicle incident fatality or an act of violence from a member(s) of the public, a fatality in any segment will reduce LSER, SPAIC, and DART 2023 achievement for all segments by 50%; Fatality will also reduce PVC 2023 achievement by 50% if the employee fatality involves a preventable vehicle collision. For Supporting functions (Customer Ops, IT, Corp Services), Fatality will impact its safety achievement through Blended Utility Safety Performance metric.

2023 Short-Term Incentive Plan Goals Information Technology Continued ⁽¹⁾



Goals	Weight	Threshold 50%	Target 100%	Maximum 150%
Other Performance	35%			
Critical System Availability	10%	99.85%	99.90%	99.98%
Reduction of P1/P2 incidents	10%			
P1	5%	11	8	5
P2	5%	47	32	22
Vulnerability Management:	5%			
External Facing	1.7%	97%	99%	100%
Servers	1.7%	60%	65%	70%
Endpoints	1.7%	90%	95%	97%
Help Desk Metric	5%	85%	90%	95%
IT Culture:	5%			
Employee Engagement Survey	2.5%	78%	79%	80%
Diversity, Equity & Inclusion	2.5%			
- Diversity of Workforce – Racial / Ethnic Minority	1.25%	58%	59%	60%
- Diversity of Workforce – Female	1.25%	21%	22%	23%

⁽¹⁾ Includes SVP & Chief Information Officer and the employees who report in this organization. Each employee will follow the design of his/her work group as of year-end 2023

2023 Short-Term Incentive Plan Goals Corporate Services ⁽¹⁾



Goals	Weight	Threshold 50%	Target 100%	Maximum 150%
Safety ⁽²⁾ and Cyber	15%			
Enterprise-wide Shared Safety Goals:	10%			
Leadership Safety Engagement Rate (LSER)	2.5%	65.5%	68.7%	72.0%
Safety Management System (SMS) % Actions Complete (SPAIC)	2.5%	95%	97%	100%
Phishing - Cyber Resiliency Rate	5%	21	23	25
Individual Safety Goals:	5%			
Utility Safety Performance Blend	5%			
Blended Other Segments Overall Performance Excluding Safety ⁽³⁾	35%			
Houston Electric	6%			
Indiana Electric	6%			
Gas Operations	6%			
Operations Support	6%			
Customer Operations	5.5%			
Information Technology	5.5%			
	Weight	Threshold 50%	Target 100%	Maximum 200%
Efficient Work Execution (O&M)	50%	Plan plus 1%	Plan	Plan less 2%

⁽¹⁾ Includes employees who report in the organization of the EVP & Chief Human Resources Officer, EVP & General Counsel, EVP Regulatory Services & Govt Affairs & Chief Financial Officer. Each employee will follow the design of his/her work group as of year-end 2023

⁽²⁾ With the exception of a non-preventable vehicle incident fatality or an act of violence from a member(s) of the public, a fatality in any segment will reduce LSER, SPAIC, and DART 2023 achievement for all segments by 50%; Fatality will also reduce PVC 2023 achievement by 50% if the employee fatality involves a preventable vehicle collision. For Supporting functions (Customer Ops, IT, Corp Services), Fatality will impact its safety achievement through Blended Utility Safety Performance metric.

⁽³⁾ Includes Houston Electric, Indiana Electric, Natural Gas Operations, Operations Support, Customer Operations, and Information Technology segments; O&M and Capital achievements in the blended results are calculated using 50% / 100% / 150% for Threshold / Target / Maximum

The following files are not convertible:

Projections.xlsx	Workpaper BRV-1 CNP Retirement
Survey Data Compared to Company.xlsx	Workpaper BRV-2 Market Compensation
Analysis.xlsx	Workpaper BRV-3 CEHE Market Compa Ratio
Survey Data Compared to CNP.xlsx	Workpaper BRV-4 Market Compensation

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.

PUC DOCKET NO. 56211

APPLICATION OF CENTERPOINT	§	PUBLIC UTILITY COMMISSION
ENERGY HOUSTON ELECTRIC, LLC	§	
FOR AUTHORITY TO CHANGE RATES	§	OF TEXAS

DIRECT TESTIMONY

OF

TIMOTHY S. LYONS

ON BEHALF OF

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

MARCH 2024

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LIST OF EXHIBITS

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EXHIBIT TSL-3	Cash Working Capital Calculations

GLOSSARY OF ACRONYMS AND DEFINED TERMS

<u>Acronym/Defined Term</u>	<u>Definition</u>
CenterPoint Houston or Company	CenterPoint Energy Houston Electric, LLC
Commission	Public Utility Commission of Texas
CWC	Cash Working Capital
IRS	Internal Revenue Service
O&M	Operations and Maintenance
Study Period	October 1, 2022 through September 30, 2023
Test Year	12 Months Ending December 31, 2023

1 **EXECUTIVE SUMMARY – CASH WORKING CAPITAL**

2 **(TIMOTHY S. LYONS)**

3 I am sponsoring the lead-lag study that was used to determine the cash working
4 capital (“CWC”) requirement for CenterPoint Energy Houston Electric, LLC
5 (“CenterPoint Houston” or the “Company”) in this proceeding.

6 The term “cash working capital” refers to the net funds required to finance goods
7 and services used to provide service from the time those goods and services are paid for by
8 the Company to the time that payment is received from customers. A lead-lag study
9 measures the number of days from the time customers receive service to the time customer
10 payments are available to the Company (*i.e.*, the “revenue lag”) and the number of days
11 from the time the Company receives goods and services used to provide service to the time
12 payments are made for the goods and service (*i.e.*, the “expense lead”). The revenue lag
13 and expense leads are measured in days and then dollar-weighted to determine lead-lag
14 days. The lead-lag days are then multiplied by adjusted test year expenses to determine
15 the Company’s CWC requirement. The CWC requirement is included in the Company’s
16 rate base.

17 The results of the lead-lag study are shown in Exhibit TSL-2 and were provided to
18 Company witness Colvin to be applied to the Company’s adjusted test year expenses to
19 determine the Company’s CWC requirement. The Company’s lead-lag study is fair and
20 reasonable, is generally consistent with the methods used by the Company in the most
21 recent study, is consistent with Public Utility Commission of Texas (“Commission”)
22 precedent, is consistent with the lead-lag studies for the utility industry in general, and
23 should be used to calculate the CWC requirement included in the Company’s rate base.

DIRECT TESTIMONY OF TIMOTHY S. LYONS

I. INTRODUCTION

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Timothy S. Lyons. My business address is 3 Speen Street, Suite 150, Framingham, Massachusetts 01701.

Q. PLEASE DESCRIBE YOUR CURRENT POSITION.

A. I am a Partner at ScottMadden, Inc. (“ScottMadden”).

Q. PLEASE DESCRIBE YOUR WORK EXPERIENCE AND QUALIFICATIONS.

A. I have over 30 years of experience in the energy industry. I started my career in 1985 at Boston Gas Company, eventually becoming Director of Rates and Revenue Analysis. In 1993, I moved to Providence Gas Company, eventually becoming Vice President of Marketing and Regulatory Affairs. Starting in 2001, I held a number of management consulting positions in the energy industry, first at KEMA and then at Quantec, LLC. In 2005, I became Vice President of Sales and Marketing at Vermont Gas Systems, Inc. before joining Sussex Economic Advisors, LLC (“Sussex”) in 2013. Sussex was acquired by ScottMadden on June 1, 2016.

Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND.

A. I hold a bachelor’s degree from St. Anselm College, a master’s degree in Economics from The Pennsylvania State University, and a master’s degree in Business Administration from Babson College.

1 **Q. HAVE YOU PREVIOUSLY TESTIFIED IN OTHER REGULATORY**
2 **PROCEEDINGS?**

3 A. Yes. A summary of my testimony experience is included in Exhibit TSL-1.

4 **II. PURPOSE AND OVERVIEW OF TESTIMONY**

5 **Q. ON WHOSE BEHALF ARE YOU TESTIFYING IN THIS PROCEEDING?**

6 A. I am testifying on behalf of CenterPoint Houston.

7 **Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY?**

8 A. The purpose of my testimony is to sponsor the results of the lead-lag study. The
9 lead-lag study was used to determine the Company's CWC requirement, which is
10 included in the Company's rate base.

11 **Q. DO YOU SPONSOR ANY EXHIBITS OR SCHEDULES INCLUDED IN**
12 **THE RATE FILING PACKAGE?**

13 A. Yes. My testimony sponsors and is supported by the exhibits in the List of Exhibits.

14 **Q. WAS YOUR TESTIMONY, INCLUDING ASSOCIATED SCHEDULES,**
15 **WORKPAPERS, AND EXHIBITS, PREPARED BY YOU OR UNDER**
16 **YOUR DIRECT SUPERVISION AND CONTROL?**

17 A. Yes.

18 **Q. PLEASE DEFINE THE TERM "CASH WORKING CAPITAL."**

19 A. The term "cash working capital" or CWC refers to the net funds required by the
20 Company to finance goods and services used to provide service to customers from
21 the time those goods and services are paid for by the Company to the time that
22 payment is received from customers. Goods and services considered in the lead-lag
23 study include: operations and maintenance ("O&M") expenses, including labor and
24 non-labor expenses; federal, state, and local taxes; and employment taxes.

1 **Q. HOW WAS THE COMPANY’S CWC REQUIREMENT DETERMINED?**

2 A. The Company’s CWC requirement was based on the results of the lead-lag study.
3 The lead-lag study compares differences between the Company’s revenue lag and
4 expense leads. The revenue lag represents the number of days from the time
5 customers receive service to the time customers pay for service, *i.e.*, when the funds
6 are available to the Company. The longer the revenue lag, the more cash the
7 Company needs to finance its day-to-day operations. The expense lead represents
8 the number of days from the time the Company receives goods and services used
9 to provide service to the time payments are made for those goods and services, *i.e.*,
10 when the funds are no longer available to the Company. The longer the expense
11 lead, the less cash the Company needs to fund its day-to-day operations. Together,
12 the revenue lag and expense leads are used to measure the lead-lag days. The
13 lead-lag days were then applied to the Company’s adjusted test year expenses to
14 derive the CWC requirement, which was included in the Company’s rate base.

15 **Q. PLEASE PROVIDE AN ILLUSTRATION OF HOW THE RESULTS OF**
16 **THE LEAD-LAG STUDY ARE UTILIZED TO CALCULATE THE**
17 **COMPANY’S CWC REQUIREMENT.**

18 A. Figure 1 (below) illustrates how the results of the lead-lag study are utilized to
19 calculate the Company’s CWC requirement.

Figure 1: Illustration of CWC Requirement

Expense Item	Revenue Lag Days	Expense Lead Days	Net (Lead) Lag Days	Average Daily Expense	CWC Requirement
O&M Expenses	50.00	35.00	15.00	\$100	\$1,500
Property Taxes	50.00	200.00	(150.00)	\$100	(\$15,000)

Figure 1 illustrates the CWC requirement associated with two expenses: O&M expenses and property tax payments. These expenses were chosen because O&M expenses generally require cash to finance day-to-day operations (*i.e.*, the revenue lag is greater than the expense lead), while property tax payments generally are a source of cash used to finance day-to-day operations (*i.e.*, the revenue lag is less than the expense lead).

Figure 1 illustrates the CWC requirement for O&M expenses is derived as the net lead-lag of 15.00 days (*i.e.*, the revenue lag of 50.00 days less the expense lead of 35.00 days) applied to the average daily O&M expenses of \$100 yields a CWC requirement of \$1,500. A positive CWC requirement indicates the expense requires cash to finance day-to-day operations.

The CWC requirement for property tax payments is derived as the net lead-lag of (negative) 150.00 days (*i.e.*, the revenue lag of 50.00 days less the expense lead of 200.00 days) applied to the average daily expense of \$100 yields a CWC requirement of (negative) \$15,000. A negative CWC requirement indicates the expense is a source of cash to finance day-to-day operations.

1 **Q. ARE THE RESULTS OF THE LEAD-LAG STUDY AN ACCURATE**
2 **MEASUREMENT OF THE COMPANY’S CWC NEEDS?**

3 A. Yes. The lead-lag study provides an accurate representation of the Company’s
4 CWC requirements during the test year. Furthermore, the methodology is generally
5 consistent with the methods used by the Company in its most recent rate case
6 proceeding, Docket No. 49421,¹ except as noted herein, and is consistent with
7 Commission Substantive Rule § 25.231(c)(2)(B)(iii).

8 **III. LEAD-LAG STUDY APPROACH**

9 **Q. PLEASE SUMMARIZE THE RESULTS OF THE LEAD-LAG STUDY YOU**
10 **CONDUCTED FOR THE COMPANY.**

11 A. The results of the lead-lag study are summarized in Exhibit TSL-2. The results of
12 the lead-lag study were provided to the Company and applied to adjusted test year
13 expenses to derive the Company’s proposed CWC requirement.

14 **Q. PLEASE DESCRIBE THE APPROACH USED TO DEVELOP THE**
15 **LEAD-LAG STUDY.**

16 A. The lead-lag study consists of two elements: revenue lag and expense leads. The
17 revenue lag measures the number of days from the time service is provided to
18 customers to the time payment is received from customers. Expense leads measure
19 the number of days from the time the Company receives goods and services used
20 to provide service, to the time the Company pays for those goods and services. The
21 lag-leads are measured in days, converted to dollar-days, and summarized for each
22 cost element in the lead-lag study. The difference between the revenue lag and

¹ *Application of CenterPoint Energy Houston Electric, LLC for Authority to Change Rates*, Docket No. 49421 (March 9, 2020).

1 expense leads determines if there is a net revenue lag (revenue lag days are more
2 than the expense lead days) or a net expense lead (revenue lag days are less than
3 the expense lead days) for each cost element in the lead-lag study. The net lead-lag
4 days are applied to adjusted test year expenses since it reflects the Company's
5 ongoing expenses and thus is more representative of the Company's ongoing cash
6 working capital requirements.

7 **Q. PLEASE DESCRIBE THE FINANCIAL DATA USED IN THE LEAD-LAG**
8 **STUDY.**

9 A. The lead-lag study was based on the Company's financial data from October 1,
10 2022 through September 30, 2023 ("Study Period"). The financial data included
11 customer billing, O&M expenses, and federal, state, local, and employment taxes.
12 The financial data generally included service periods, billing and payment dates,
13 and amounts. The financial data is an accurate representation of the test year since
14 there have been no significant changes in the Company's billing, collection, or
15 payment processes or systems between the Study Period and the test year.

16 **A. Revenue Lag**

17 **Q. PLEASE DESCRIBE DERIVATION OF THE REVENUE LAG.**

18 A. The revenue lag measures the number of days from the time service is provided to
19 customers to the time payment is received from customers. The revenue lag
20 consists of three components: (1) the service lag; (2) the billing lag; and (3) the
21 collection lag.

22 **Q. WHAT IS THE SERVICE LAG?**

23 A. The service lag measures the average number of days in the service period (*i.e.*, the
24 time between the start and end of the billing month). The point in time at which

1 meters are read indicates the end of the billing month. The service lag in this
2 lead-lag study was based on the midpoint of the service period, which reflects that
3 service is provided evenly over the service period.

4 **Q. WHAT IS THE BILLING LAG?**

5 A. The billing lag measures the number of days from the time meters are read to the
6 time bills are recorded and sent to customers. The billing lag includes time for
7 review and validation of billed usage and dollars. The billing lag in this lead-lag
8 study was based on the Company's meter reading schedule.

9 **Q. WHAT IS THE COLLECTION LAG?**

10 A. The collection lag measures the number of days from the time bills are recorded
11 and sent to customers to the time customer payments are received (*i.e.*, funds are
12 available to the Company). The collection lag in this lead-lag study was based on
13 the Company's accounts receivable and billed revenue data, which reflect the
14 average time to receive customer payments.

15 **Q. WHAT IS THE TOTAL REVENUE LAG USED IN THE LEAD-LAG**
16 **STUDY?**

17 A. The total revenue lag was based on the sum of the service, billing, and collection
18 lags, as shown in Exhibit TSL-3.

19 **B. Expense Leads**

20 **1. O&M Expenses**

21 **Q. HOW WERE LEAD DAYS DERIVED FOR O&M EXPENSES?**

22 A. Lead days for O&M expenses were measured separately for the following groups:
23 (1) regular payroll expenses; (2) short-term incentive compensation expenses; (3)

1 employee benefits expenses; (4) intercompany expenses; (5) expenses for Electric
2 Transmission by Others; and (6) other non-labor O&M expenses.

3 **Q. HOW WERE LEAD DAYS DERIVED FOR REGULAR PAYROLL**
4 **EXPENSES?**

5 A. Lead days for regular payroll expenses were based on the Company's payroll
6 process, which pays employees on a bi-weekly or semi-monthly basis. Lead days
7 were measured as the number of days from the midpoint of each pay period to the
8 payment date. Bi-weekly and semi-monthly lead days were then dollar-weighted
9 by payroll expenses.

10 **Q. DOES THE STUDY ADJUST FOR VACATION PAY?**

11 A. Yes. The lead-lag study adjusts for vacation pay, reflecting that vacation pay is
12 generally earned before it is taken. The adjustment is based on the average payroll
13 lead days and the midpoint of the year.

14 **Q. DID YOU MAKE AN ADJUSTMENT FOR EMPLOYEES PAID BY**
15 **CHECK?**

16 A. Yes. Check float days were added for those employees paid by check based on
17 analysis of payroll checks.

18 **Q. HOW WERE LEAD DAYS DERIVED FOR SHORT-TERM INCENTIVE**
19 **COMPENSATION EXPENSES?**

20 A. Lead days for the Company's Short-Term Incentive Compensation expenses were
21 based on the number of days from the midpoint of the performance period (*i.e.*,
22 twelve-months ending December 31, 2022) to the payment date on March 3, 2023.

1 As with regular payroll expenses, check float days were added for those employees
2 paid by check.

3 **Q. HOW WERE LEAD DAYS DERIVED FOR EMPLOYEE BENEFITS**
4 **EXPENSES?**

5 A. Lead days for employee benefits were measured separately for the following
6 groups: (1) health and welfare expenses; (2) pension expenses; (3) savings
7 expenses; and (4) deferred compensation expenses. Lead days for each group were
8 measured separately and then dollar-weighted by annual expenses to determine the
9 overall lead days.

10 **Q. HOW WERE LEAD DAYS DERIVED FOR INTERCOMPANY**
11 **EXPENSES?**

12 A. Lead days for intercompany expenses were based on the number of days from the
13 midpoint of the service period to the settlement date in the following month.

14 **Q. HOW WERE LEAD DAYS DERIVED FOR ELECTRIC TRANSMISSION**
15 **BY OTHERS?**

16 A. Electric Transmission by Others reflects the Company's O&M expenses associated
17 with wheeling or electricity provided by other electric utilities. Lead days for
18 Electric Transmission by Others were measured as the number of days from the
19 midpoint of the service period to the payment date. Lead days were measured
20 monthly and then dollar-weighted by annual payments.

1 **Q. HOW WERE LEAD DAYS DERIVED FOR NON-LABOR O&M**
2 **EXPENSES?**

3 A. Lead days for third-party O&M expenses were based on a random sample of
4 invoices paid during the Study Period. The sample was used to determine the
5 number of days from the time services were provided to the Company to the time
6 payment was made for those services.

7 **2. Current Federal Income Tax Expense**

8 **Q. HOW WERE LEAD DAYS DERIVED FOR CURRENT FEDERAL**
9 **INCOME TAXES?**

10 A. Lead days for Federal Income Taxes were measured as the number of days from
11 the midpoint of the taxing period to the payment dates for estimated taxes in
12 accordance with Internal Revenue Service (“IRS”) Publication 542.² Specifically,
13 IRS Publication 542 states that estimated tax payments are due by the 15th day of
14 the 4th, 6th, 9th, and 12th month of a corporation’s tax year. For the Company’s tax
15 year ending December 31st, the estimated tax payments are due on April 15th, June
16 15th, September 15th, and December 15th.

17 **3. Taxes Other than Income Taxes**

18 **Q. HOW WERE LEAD DAYS DERIVED FOR TAXES OTHER THAN**
19 **INCOME TAXES?**

20 A. Lead days for taxes other than income taxes were measured separately for the
21 following groups: (1) payroll-related taxes (FICA, Federal Unemployment, and

² IRS Publication 542 (2022). Accessible at: <https://www.irs.gov/pub/irs-pdf/p542.pdf>

1 State Unemployment); (2) revenue-related taxes (Texas Margin Tax and Local
2 Franchise Tax); and (3) ad valorem taxes.

3 **Q. HOW WERE LEAD DAYS DERIVED FOR PAYROLL TAXES?**

4 A. Lead days for payroll taxes were measured as the number of days from the liability
5 date to the payment date.

6 **Q. HOW WERE LEAD DAYS DERIVED FOR FRANCHISE TAXES?**

7 A. Lead days for franchise taxes were measured as the number of days from the
8 midpoint of the taxing period (*i.e.*, the period for which the tax was assessed) to the
9 later of the payment date or due date.

10 **Q. HOW WERE LEAD DAYS DERIVED FOR AD VALOREM TAXES?**

11 A. Lead days for ad valorem taxes were based on an analysis of the Company's
12 twenty-largest tax payments from October 1, 2022 through September 30, 2023.
13 These payments represented approximately ninety percent of ad valorem taxes paid
14 during that period. Lead days for tax payments beyond the twenty largest tax
15 payments were calculated based on a sample of the remaining payments using a
16 sampling method that was unbiased and reasonable. Lead days were measured as
17 the number of days from the midpoint of the taxing period (*i.e.*, the period for which
18 the tax was assessed) to the later of the payment date or due date.

19 **C. Other Adjustments – Working Funds and Other**

20 **Q. PLEASE DESCRIBE ANY OTHER ITEMS INCLUDED IN CWC.**

21 A. Other items included in the CWC calculation to determine the CWC requirement
22 include average daily bank balances, payroll tax withholdings, and sales and use
23 tax collections. These items were included because they impact the level of

1 investor capital and are not otherwise reflected in the Company's revenue
2 requirement.

3 **Q. PLEASE DESCRIBE ITEMS NOT INCLUDED IN CWC.**

4 A. The CWC requirement excludes "non-cash" items, consistent with Commission
5 Substantive Rule § 25.231(c)(2)(B)(iii)(IV)(-a-), which states, "[t]he lead-lag study
6 will use the cash method; all non-cash items, including but not limited to
7 depreciation, amortization, deferred taxes, prepaid items, and return (including
8 interest on long-term debt and dividends on preferred stock), will not be
9 considered." The study excluded these items.

10 **IV. CONCLUSION**

11 **Q. WHAT WERE THE RESULTS OF THE LEAD-LAG STUDY?**

12 A. The results of the lead-lag study are shown in Exhibit TSL-2. As I noted before,
13 the results of the lead-lag study were provided to Company witness Colvin and
14 applied to adjusted test year expenses to derive the CWC requirement that was
15 included in the Company's rate base. Please refer to Company's rate filing package
16 WP III B.9 for derivation of the CWC requirement based on the results of the
17 lead-lag study.

18 **Q. ARE THE RESULTS OF THE LEAD-LAG STUDY AN ACCURATE**
19 **MEASUREMENT OF THE COMPANY'S CWC NEEDS?**

20 A. Yes. The lead-lag study provides an accurate representation of the Company's
21 CWC requirement during the test year. Furthermore, the study methodology is
22 generally consistent with the methods used by the Company in its most recent rate
23 case proceeding, Docket No. 49421, except as noted herein, and follows all of the
24 requirements included in Commission Substantive Rule § 25.231(c)(2)(B)(iii).

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

2 **A. Yes.**

Summary of Qualifications

Tim Lyons is a partner with ScottMadden with more than 30 years of experience in the energy industry. Tim has held senior positions at several gas utilities and energy consulting firms. His experience includes rates and regulatory support, sales and marketing, customer service and strategy development. Prior to joining ScottMadden, Tim served as Vice President of Sales and Marketing for Vermont Gas. He has also served as Vice President of Marketing and Regulatory Affairs for Providence Gas Company, Director of Rates at Boston Gas Company, and Project Director at Quantec, LLC, an energy consulting firm.

Tim has sponsored testimony before 27 U.S. and 3 Canadian regulatory agencies. Tim holds a bachelor's degree from St. Anselm College, a master's degree in economics from The Pennsylvania State University, and a master's degree in business administration from Babson College.

Areas of Specialization

- ☐ Regulation and Rates
- ☐ Retail Energy
- ☐ Utilities
- ☐ Natural Gas

Capabilities

- ☐ Regulatory Strategy and Rate Case Support
- ☐ Strategic and Business Planning
- ☐ Capital Project Planning
- ☐ Process Improvements

Articles and Speeches

- ☐ "Country Strong: Vermont Gas shares its comprehensive effort to expand natural gas service into rural communities." ***American Gas Association***, June 2011 (with Don Gilbert).
- ☐ "Talking Safety With Vermont Gas." ***American Gas Association***, February 2009 (with Dave Attig).
- ☐ "Consumers Say 'Act Now' To Stabilize Prices." ***Power & Gas Marketing***, September/ October 2001 (with Jim DeMetro and Gerry Yurkevicz).
- ☐ "Rate Reclassification: Who Buys What and When." ***Public Utilities Fortnightly***, October 15, 1991 (with John Martin).

Sponsor	Date	Docket No.	Subject
Regulatory Commission of Alaska			
Cook Inlet Natural Gas Storage Alaska, LLC	7/21	Docket No. U-21-058	Sponsored testimony supporting the lead-lag study/cash working capital requirement for a general rate case proceeding.
ENSTAR Natural Gas Company	06/16	Docket No. U-16-066	Adopted and sponsored testimony supporting a lead-lag study for a general rate case proceeding.
Arizona Corporation Commission			
Southwest Gas Corporation	12/21	Docket No. G-01551A-21-0368	Sponsored testimony supporting class cost of service, rate design and bill impact analysis for a general rate case proceeding.
Arkansas Public Service Commission			
Liberty Utilities (The Empire District Electric Company)	2/23	Docket No. 22-085-U	Sponsored testimony supporting the class cost of service, rate design, bill impact studies, and revenue decoupling for a general rate case proceeding.
Liberty Utilities (Pine Bluff Water)	10/18	Docket No. 18-027-U	Sponsored testimony supporting the cost of service, rate design and bill impact studies for a general rate case proceeding.
California Public Utilities Commission			
Bear Valley Electric Service, Inc.	10/22	Application No. 22-08-010	Sponsored testimony supporting marginal cost study, rate design and bill impact analysis for a general rate case proceeding.
Liberty Utilities (CalPeco Electric)	5/21	Application No. 21-05-017	Sponsored testimony supporting the lead-lag study/cash working capital, marginal cost study, rate design and bill impact analysis for a general rate case proceeding.
Southwest Gas Corporation (Southern California, Northern California, and South Lake Tahoe jurisdictions)	8/19	Application No. 19-08-015	Sponsored testimony on behalf of three separate rate jurisdictions supporting revenue requirements, lead-lag/ cash working capital, and class cost of service, rate design and bill impact analysis for a general rate case proceeding.
Connecticut Public Utilities Regulatory Authority			
Yankee Gas Company	07/14	Docket No. 13-06-02	Sponsored report and testimony supporting the review and evaluation of gas expansion policies, procedures and analysis.
Delaware Public Service Commission			
Artesian Water Company	04/23	Docket No. 23-0601	Sponsored testimony supporting the cost of service, rate design and bill impact studies for a general rate case proceeding.
Illinois Commerce Commission			
Liberty Utilities (Midstates Natural Gas)	12/23	Docket No. 23-0380	Sponsored testimony supporting cost of service, rate design, bill impact and lead-lag studies for a general rate case proceeding.
Ameren Illinois Company d/b/a Ameren Illinois	1/23	Docket No. 22-0487	Sponsored testimony supporting a Multi-Year Integrated Grid Plan (Grid Plan). Prepared research and analysis evaluating the reasonableness of the Grid Plan through comparison to how other electric utilities have responded to the changing energy landscape.
Liberty Utilities (Midstates Natural Gas)	07/16	Docket No. 16-0401	Sponsored testimony supporting the cost of service, rate design and bill impact studies for a general rate case proceeding. The testimony includes proposal for new commercial classes and a decoupling mechanism.
Iowa Utilities Board			
Liberty Utilities (Midstates Natural Gas)	07/16	Docket No. RPU-2016-0003	Sponsored testimony supporting the cost of service, rate design and bill impact studies for a general rate case proceeding. The testimony includes proposal for new commercial classes.
Kansas Corporation Commission			

Sponsor	Date	Docket No.	Subject
The Empire District Electric Company	12/18	Docket No. 19-EPDE-223-RTS	Sponsored testimony supporting cost of service, rate design, bill impact and lead-lag studies for a general rate case proceeding.
Kentucky Public Service Commission			
Bluegrass Water Utility (Central States Water Company)	02/23	Case No. 2022-00432	Sponsored testimony supporting the rate design and bill impact studies for a general rate case proceeding.
Maine Public Utilities Commission			
Northern Utilities, Inc. d/b/a Unitil	05/23	Docket No. 2023-00051	Sponsored testimony supporting a marginal cost study, class cost of service study, rate design and customer bill impact for a general rate case proceeding.
Maine Water Company	03/21	Docket No. 2021-00053	Sponsored testimony supporting a proposed rate smoothing mechanism.
Northern Utilities, Inc. d/b/a Unitil	06/19	Docket No. 2019-00092	Sponsored testimony supporting a proposed capital investment cost recovery mechanism.
Northern Utilities, Inc. d/b/a Unitil	06/15	Docket No. 2015-00146	Sponsored testimony supporting the proposed gas expansion program, including a zone area surcharge.
Maryland Public Service Commission			
The Potomac Edison Company (FirstEnergy)	03/23	Case No. 9695	Sponsored testimony supporting the class cost of service, rate design, bill impact and lead-lag studies for a general rate case proceeding.
Sandpiper Energy, a Chesapeake Utilities company	12/15	Case No. 9410	Sponsored testimony supporting the cost of service, rate design and bill impact studies for a general rate case proceeding. The testimony includes proposal for new residential and commercial classes.
Massachusetts Department of Public Utilities			
Berkshire Gas Company, Eversource Energy, Liberty Utilities, National Grid, and Unitil	03/22	Docket No. DPU 20-80	Sponsored report that summarizes research, findings, and recommendations for regulatory mechanisms, methodologies, and policies that support Massachusetts's achievement of its net zero climate goal by 2050. The regulatory designs were informed by the results of quantitative and qualitative analysis of decarbonization pathways to achieve the Commonwealth's climate goals.
Liberty Utilities (New England Gas Company)	08/20	Docket No. DPU 20-92	Sponsored the Long-Range Forecast and Supply Plan filing for the five-year forecast period 2020/2021 through 2024/2025.
Eversource Energy, National Grid, and Unitil	02/20	Docket No. DPU 19-55	Sponsored report that summarizes research and evaluation of funding approaches for infrastructure modifications that interconnect Distributed Generation (DG) projects.
Liberty Utilities (New England Gas Company)	07/18	Docket No. DPU 18-68	Sponsored the Long-Range Forecast and Supply Plan filing for the five-year forecast period 2018/2019 through 2022/2023.
Liberty Utilities (New England Gas Company)	07/16	Docket No. DPU 16-109	Sponsored the Long-Range Forecast and Supply Plan filing for the five-year forecast period 2016/2017 through 2020/2021.
Boston Gas	10/93	Docket No. DPU 92-230	Sponsored testimony describing the Company's position regarding rate treatment of vehicular natural gas investments and expenses.
Boston Gas	03/90	Docket No. DPU 90-55	Sponsored testimony supporting the weather and other cost of service adjustments, rate design and customer bill impact studies for a general rate case proceeding.

Sponsor	Date	Docket No.	Subject
Boston Gas	03/88	Docket No. DPU 88-67-II	Sponsored testimony supporting the rate reclassification of commercial and industrial customers for a rate design proceeding.
Michigan Public Service Commission			
Lansing Board of Water & Light and Michigan State University	04/23	Docket No. U-21308	Sponsored testimony evaluating Consumer Energy's class cost of service and rate design proposals.
Lansing Board of Water & Light and Michigan State University	04/20	Docket No. U-20650	Sponsored testimony evaluating Consumer Energy's class cost of service and rate design proposals.
Lansing Board of Water & Light and Michigan State University	04/19	Docket No. U-20322	Sponsored testimony evaluating Consumer Energy's class cost of service and rate design proposals.
Midland Cogeneration Ventures, LLC	09/18	Docket No. U-18010	Sponsored testimony evaluating Consumer Energy's class cost of service and rate design proposals.
Minnesota Public Utilities Commission			
Northern States Power Company (XcelEnergy)	10/21	Docket No. E002/GR-21-630	Sponsored testimony supporting a Return on Equity (ROE) adjustment mechanism that would allow the Company to symmetrically adjust its ROE to reflect significant changes in financial market conditions.
Missouri Public Service Commission			
Confluence Rivers Utility Operating Company	12/22	Case No. WR-2023-0006/ SR-2023-0007	Sponsored testimony supporting the rate design and bill impact studies for a general rate case proceeding.
The Empire District Gas Company	08/21	Docket No. GR-2021-0320	Sponsored testimony supporting the class cost of service, rate design, bill impact and lead-lag studies for a general rate case proceeding.
The Empire District Electric Company	05/21	Docket No. ER-2021-0312	Sponsored testimony supporting the class cost of service, rate design, bill impact and lead-lag studies for a general rate case proceeding.
Spire Missouri, Inc.	12/20	Docket No. GR-2021-0108	Sponsored testimony supporting class cost of service, rate design, and lead-lag study proposals for a general rate case proceeding. The testimony also included support for a proposed revenue adjustment mechanism.
The Empire District Electric Company	08/19	Docket No. ER-2019-0374	Sponsored testimony supporting the class cost of service, rate design, bill impact and lead-lag studies for a general rate case proceeding. The testimony also included proposals for a weather normalization mechanism.
Liberty Utilities (Midstates Natural Gas)	09/17	Docket No. GR-2018-0013	Sponsored testimony supporting the class cost of service, rate design, bill impact and lead-lag studies for a general rate case proceeding. The testimony also included proposals for a revenue decoupling/ weather normalization mechanism as well as tracker accounts for certain O&M expenses and capital costs.
Missouri Gas Energy	04/17	Docket No. GR-2017-0216	Sponsored testimony supporting the class cost of service, rate design, bill impact and Lead/Lag studies for a general rate case proceeding. The testimony included support for a decoupling mechanism.
Laclede Gas Company	04/17	Docket No. GR-2017-0215	Sponsored testimony supporting the class cost of service, rate design, bill impact and Lead/Lag studies for a general rate case proceeding. The testimony included support for a decoupling mechanism.
Nevada Public Utilities Commission			
Southwest Gas Corporation	09/23	Docket No. 23-09012	Sponsored testimony supporting the class cost of service, rate design, bill impact and Lead/Lag studies for a general rate case proceeding.

Sponsor	Date	Docket No.	Subject
Southwest Gas Corporation	09/21	Docket No. 21-09001	Sponsored testimony supporting the class cost of service, rate design, bill impact and Lead/Lag studies for a general rate case proceeding.
Southwest Gas Corporation	02/20	Docket No. 20-02023	Sponsored testimony supporting the class cost of service, rate design, bill impact and Lead/Lag studies for a general rate case proceeding.
New Hampshire Public Utilities Commission			
Unitil (Northern Utilities, Inc.)	8/21	Docket No. DG 21-104	Sponsored testimony supporting a revenue decoupling mechanism.
Unitil Energy Systems, Inc.	4/21	Docket No. DE 21-030	Sponsored testimony supporting a revenue decoupling mechanism.
Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities	11/17	Docket No. DG 17-198	Sponsored testimony supporting a levelized cost analysis for approval of firm supply and transportation agreements.
Liberty Utilities d/b/a Granite State Electric Company	04/16	Docket No. DE 16-383	Adopted testimony and sponsored Lead/Lag study for a general rate case proceeding.
New Jersey Board of Public Utilities			
Jersey Central Power and Light Company (FirstEnergy)	03/23	Docket No. ER23030144	Sponsored testimony supporting the class cost of service and Lead/Lag studies for a general rate case proceeding.
South Jersey Gas Company	04/22	Docket No. GR22040253	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Elizabethtown Gas Company	12/21	Docket No. GR21121254	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
South Jersey Gas Company	03/20	Docket No. GR20030243	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Elizabethtown Gas Company	04/19	Docket No. GR19040486	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Company	08/16	Docket No. GR16090826	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
New Mexico Public Regulation Commission			
New Mexico Gas Company, Inc.	9/23	Case No. 23-00255-UT	Sponsored testimony supporting the class cost of service, rate design, bill impact and weather normalization adjustment mechanisms for a general rate case proceeding.
Corporation Commission of Oklahoma			
The Empire District Electric Company	02/21	Cause No. PUD 202100163	Sponsored testimony supporting the class cost of service, rate design, bill impact and Lead/Lag studies for a general rate case proceeding. The proposed rate design included a three-year phase-in of the proposed rate increase.
The Empire District Electric Company	03/19	Cause No. PUD 201800133	Sponsored testimony supporting the class cost of service, rate design, bill impact and Lead/Lag studies for a general rate case proceeding.
The Empire District Electric Company	04/17	Cause No. PUD 201600468	Adopted direct testimony and sponsored rebuttal testimony supporting the revenue requirements for a general rate case proceeding. The testimony included proposals for alternative ratemaking mechanisms.
Rhode Island Public Utilities Commission			
Providence Gas Company	08/01 09/00 08/96	Docket No. 1673	Sponsored testimony supporting the changes in cost of gas adjustment factor related to projected under-recovery of gas costs; Filed testimony and witness for pilot hedging program to mitigate price risks to customers; Filed testimony and witness for changes in cost of gas adjustment factor related to extension of rate plan.

Sponsor	Date	Docket No.	Subject
Providence Gas Company	08/00	Docket No. 2581	Sponsored testimony supporting the extension of a rate plan that began in 1997 and included certain modifications, including a weather normalization clause.
Providence Gas Company	03/00	Docket No. 3100	Sponsored testimony supporting the de-tariff and deregulation of appliance repair service, enabling the Company to have needed pricing flexibility.
Providence Gas Company	06/97	Docket No. 2581	Sponsored testimony supporting a rate plan that fixed all billing rates for three-year period; included funding for critical infrastructure investments in accelerated replacement of mains and services, digitized records system, and economic development projects.
Providence Gas Company	04/97	Docket No. 2552	Sponsored testimony supporting the rate design, customer bill impact studies and retail access tariffs for commercial and industrial customers, including redesign of cost of gas adjustment clause, for a rate design proceeding.
Providence Gas Company	02/96	Docket No. 2374	Sponsored testimony supporting the rate design, customer bill impact studies and retail access tariffs for largest commercial and industrial customers for a rate design proceeding.
Providence Gas Company	01/96	Docket No. 2076	Sponsored testimony supporting the rate reclassification of customers into new rate classes, rate design (including introduction of demand charges), and customer bill impact studies for a rate design proceeding.
Providence Gas Company	11/92	Docket No. 2025	Sponsored testimony supporting the Integrated Resource Plan filing, including a performance-based incentive mechanism.
<u>Railroad Commission of Texas</u>			
CenterPoint Energy – Texas Gas Division	10/23	Case No. 00015513	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Texas Gas Service Company – Rio Grande Valley Service Area	06/23	Case No. 00014399	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Texas Gas Service Company – West Texas, North Texas, and Borger/ Skellytown Service Areas	06/22	Case No. 00009896	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Texas Gas Service Company – Central Texas and Gulf Coast Service Areas	12/19	GUD No. 10928	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
CenterPoint Energy – Beaumont/ East Texas Division	11/19	GUD No. 10920	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Texas Gas Service Company – Borger/ Skellytown Service Area	08/18	GUD No. 10766	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Texas Gas Service Company – North Texas Service Area	06/18	GUD No. 10739	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
CenterPoint Energy – South Texas Division	11/17	GUD No. 10669	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Texas Gas Service Company – Rio Grande Valley Service Area	06/17	GUD No. 10656	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Atmos Pipeline – Texas	01/17	GUD No. 10580	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.

Sponsor	Date	Docket No.	Subject
CenterPoint Energy – Texas Gulf Division	11/16	GUD No. 10567	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Public Utility Commission of Texas			
CenterPoint Energy Houston Electric, LLC	04/19	Docket No. 49421	Sponsored testimony supporting the Lead/Lag study for a general rate case proceeding.
Vermont Public Utilities Commission			
Vermont Gas Systems	12/12	Docket No. 7970	Sponsored testimony describing the market served by \$90 million natural gas expansion project to Addison County, VT. Also described the terms and economic benefits of a special contract with International Paper.
Vermont Gas Systems	02/11	Docket No. 7712	Sponsored testimony supporting the market evaluation and analysis for a system expansion and reliability regulatory fund.
Virginia State Corporation Commission			
Shenandoah Valley Electric Cooperative	01/24	Case No. PUR-2023-00207	Sponsored report and studies related to revenue requirements, class cost of service, rate design, and bill impact analysis for a streamlined application to increase base rates.
American Electric Power - Appalachian Power Company	3/23	Case No. PUR-2023-00002	Sponsored testimony supporting the Lead/Lag study for the 2023 triennial review of base rates, terms, and conditions.
Rappahannock Electric Cooperative	10/22	Case No. PUR-2022-00160	Sponsored report and studies related to revenue requirements, class cost of service, rate design, and bill impact analysis for a streamlined application to increase base rates.
American Electric Power - Appalachian Power Company	3/20	Case No. PUR-2020-00015	Sponsored testimony supporting the Lead/Lag study for the 2020 triennial review of base rates, terms, and conditions.
West Virginia Public Service Commission			
Monongahela Power Company and The Potomac Edison Company (FirstEnergy)	06/23	Case No. 23-0460-E-42T	Sponsored testimony supporting the class cost of service, rate design, bill impact and lead-lag studies for a general rate case proceeding.
Nova Scotia Utility and Review Board			
Nova Scotia Power	01/22	Matter No. M10431	Sponsored evidence supporting the cash working capital requirement and lead/Lag study for a general rate case proceeding.
Ontario Energy Board			
Toronto Hydro-Electric System Limited	11/23	Docket No. EB-2023-0195	Sponsored evidence supporting Toronto Hydro's Custom Rate Framework. Prepared research and analysis evaluating the appropriateness of the Rate Framework in the context of how other electric utility ratemaking practices have responded to developments in the energy industry.
Ontario Energy Association	01/21	Docket No. EB-2020-0133	Sponsored evidence regarding policies and ratemaking treatment related to COVID-19 costs in U.S. and Canadian regulatory jurisdictions. The evidence was used to support Ontario Energy Association's response to Staff's proposals
Commission of Canada Energy Regulator			
Trans-Northern Pipelines, Inc.	06/23	Docket No. RH-001-2023	Sponsored evidence related to application for approval of incentive tolls.

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Cash Working Capital Requirement
Summary

Line	Description	Test Year Amount	Average Daily Amount	Revenue Lag	Expense Lead	Net (Lead) / Lag Days	Working Capital Requirement
1	Operation and Maintenance Expenses	\$ -					
2	Less: Amortization of Prepayments	-					
3	Less: Revenue Transmission of Others	-					
4	Less: Long-Term Incentive Compensation	-					
5	Less: Transportation Depreciation	-					
6	Net Operations and Maintenance Expenses	\$ -	\$ -	51.28	A (44.94)	B 6.34	\$ -
7	Income Taxes						
8	Current Federal Income Taxes	-	\$ -	51.28	A (37.00)	C 14.28	\$ -
9	Deferred Income Taxes	-	-	0.00	0.00	0.00	-
10	Total Income Taxes	\$ -	\$ -	-			\$ -
11	Taxes Other Than Income Taxes						
12	Payroll Taxes	\$ -	\$ -	51.28	A (41.00)	D 10.28	\$ -
13	State Franchise Taxes	-	-	51.28	A 47.00	E 98.28	-
14	Local Franchise Taxes	-	-	51.28	A 10.00	F 61.28	-
15	Ad Valorem Tax	-	-	51.28	A (218.00)	G (166.72)	-
16	Taxes Other Than Income Taxes	\$ -	\$ -	-			-
17	Depreciation Expense	\$ -	\$ -	0.00	0.00	0.00	\$ -
18	Return	\$ -	\$ -	0.00	0.00	0.00	\$ -
19	Subtotal	\$ -	\$ -	-			\$ -
20	Average Daily Bank Balances					H	\$ 4,147,041
21	Working Funds and Other					I	(8,198,705)
22	Total	\$ -	\$ -	-			\$ (4,051,664)

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Revenue Collection Lag

Line	Description	Revenue Lag	Reference
1	Service Period Lag	15.21	365/12/2
2	Billing Lag	1.45	WP A-1
3	Collection Lag	34.62	WP A-2
4	Composite Revenue Collection Days	51.28	

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
O&M Expenses

Line	Description	Amount	(Lead) / Lag Days	Reference	Dollar Days
1	Regular Payroll Expenses	\$ 142,953,429	(22.16)	WP B, B-1, B-3	\$ (3,168,017,564)
2	Short-Term Incentive Compensation Expenses	11,029,927	(245.31)	WP B, B-2, B-4	(2,705,750,884)
3	Benefits Expenses	50,911,768	(18.60)	WP B, B-7	(947,103,557)
4	Labor-Related - Subtotal	\$ 204,895,124	(33.29)		\$ (6,820,872,005)
5	Intercompany Expenses	\$ 255,571,918	(32.58)	WP B-5, B-8	\$ (8,326,902,780)
6	Electric Transmission - by Others	693,809,766	(52.62)	WP B-5	(36,508,762,364)
7	Other Non-Labor O&M Expenses	47,033,314	(49.56)	WP B-5, B-6	(2,331,112,783)
8	Non-Labor O&M Expenses	996,414,998	(47.34)		(47,166,777,927)
9	Total O&M Expenses	\$ 1,201,310,122	(44.94)		\$ (53,987,649,933)

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Federal Income Tax

Line	Description	Service Period		Midpoint of Service Period	Payment Date	Percent of Taxes Due	(Lead) / Lag Days	
		Start	End				Midpoint to Payment Date	Days from (Lead) / Lag Days
1	Fourth Quarter	1/1/2022	12/31/2022	(182.50)	12/15/2022	25.00%	(166.50)	(41.63)
2	First Quarter	1/1/2023	12/31/2023	(182.50)	4/15/2023	25.00%	77.50	19.38
3	Second Quarter	1/1/2023	12/31/2023	(182.50)	6/15/2023	25.00%	16.50	4.13
4	Third Quarter	1/1/2023	12/31/2023	(182.50)	9/15/2023	25.00%	(75.50)	(18.88)
5	Federal Income Tax (Lead) / Lag Days							(37.00)

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Payroll Taxes

Line	Description	Amount	(Lead) / Lag Days	Reference	Dollar Days
1	FICA	\$ 26,386,617	(40.90)	WP D-1	\$ (1,078,273,579)
2	State & Federal Unemployment	279,351	(26.96)	WP D-2, D-3	(7,530,785)
3	Total	\$ 26,645,969	(40.75)		\$ (1,085,804,365)

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Texas Margin Tax

Line	Description	Service Period		Midpoint of Service Period	Payment Due Date	(Lead) / Lag Days Payment (Lead) / Lag	
		Start	End			Days	Total (Lead) / Lag Days
1	January 2023	01/01/23	01/31/23	(15.50)	5/15/2023	(104.00)	(119.50)
2	February 2023	02/01/23	02/28/23	(14.00)	5/15/2023	(76.00)	(90.00)
3	March 2023	03/01/23	03/31/23	(15.50)	5/15/2023	(45.00)	(60.50)
4	April 2023	04/01/23	04/30/23	(15.00)	5/15/2023	(15.00)	(30.00)
5	May 2023	05/01/23	05/31/23	(15.50)	5/15/2023	16.00	0.50
6	June 2023	06/01/23	06/30/23	(15.00)	5/15/2023	46.00	31.00
7	July 2023	07/01/23	07/31/23	(15.50)	5/15/2023	77.00	61.50
8	August 2023	08/01/23	08/31/23	(15.50)	5/15/2023	108.00	92.50
9	September 2023	09/01/23	09/30/23	(15.00)	5/15/2023	138.00	123.00
10	October 2023	10/01/23	10/31/23	(15.50)	5/15/2023	169.00	153.50
11	November 2023	11/01/23	11/30/23	(15.00)	5/15/2023	199.00	184.00
12	December 2023	12/01/23	12/31/23	(15.50)	5/15/2023	230.00	214.50
13	Average						46.71

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Local Franchise Taxes

Line	Description	Service Period Start	Service Period End	Midpoint of Service Period	Payment Date	Due Date	Later of Due Date / Payment Date	Payment Amount	Payment (Lead) / Lag Days	Total (Lead) / Lag Days	Weighted Dollar- Days
1	Bayou Vista	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	\$ 5,049	30.00	14.50	\$ 73,216
2	Baytown	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	209,326	30.00	14.50	3,035,227
3	Beach City	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	7,942	30.00	14.50	115,159
4	Beasley	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	1,843	30.00	14.50	26,727
5	Bellaire	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	67,149	30.00	14.50	973,659
6	Bonney Village	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	1,207	30.00	14.50	17,503
7	Brazos	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	1,545	30.00	14.50	22,398
8	Brookshire	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	14,993	30.00	14.50	217,399
9	Brookside Village	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	3,393	30.00	14.50	49,197
10	Bunker Hill Village	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	14,925	30.00	14.50	216,409
11	Clear Lake Shores	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	10,027	30.00	14.50	145,395
12	Clute	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	28,696	30.00	14.50	416,092
13	Cove	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	3,708	30.00	14.50	53,760
14	Danbury	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	3,816	30.00	14.50	55,337
15	Deer Park	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	88,416	30.00	14.50	1,282,035
16	East Bernard	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	6,739	30.00	14.50	97,713
17	Fairchilds	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	2,255	30.00	14.50	32,701
18	Freeport	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	43,362	30.00	14.50	628,753
19	Friendswood	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	11,521	30.00	14.50	167,058
20	Fulshear	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	55,789	30.00	14.50	808,933
21	Galena Park	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	52,229	30.00	14.50	757,322
22	Galveston	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	253,980	30.00	14.50	3,682,709
23	Hedwig	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	21,406	30.00	14.50	310,388
24	Hilcrest Village	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	1,817	30.00	14.50	26,349
25	Hilshire Village	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	2,970	30.00	14.50	43,064
26	Hitchcock	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	18,445	30.00	14.50	267,448
27	Houston	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	7,882,581	30.00	14.50	114,297,424
28	Humble	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	83,080	30.00	14.50	1,204,666
29	Hunter Creek Village	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	20,387	30.00	14.50	295,618
30	Jacinto City	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	34,168	30.00	14.50	495,430
31	Jamaica Beach	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	5,432	30.00	14.50	78,759
32	Jersey Village	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	29,044	30.00	14.50	421,141
33	Jones Creek	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	4,634	30.00	14.50	67,191
34	Katy	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	88,012	30.00	14.50	1,276,174
35	Kemah	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	11,858	30.00	14.50	171,941
36	Kendleton	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	1,754	30.00	14.50	25,434
37	La Porte	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	213,298	30.00	14.50	3,092,821
38	Lake Jackson	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	87,181	30.00	14.50	1,264,130
39	Liverpool	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	1,989	30.00	14.50	28,842
40	Magnolia	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	11,903	30.00	14.50	172,594
41	Meadows Place	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	13,463	30.00	14.50	195,211
42	Missouri City	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	196,897	30.00	14.50	2,855,005
43	Mont Belvieu	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	20,275	30.00	14.50	8,244,667
44	Morgans Point	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	568,598	30.00	14.50	293,992
45	Nassau Bay	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	26,643	30.00	14.50	386,325
46	Old River Winfree	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	3,634	30.00	14.50	52,690
47	Orchard	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	987	30.00	14.50	14,308
48	Oyster Creek	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	51,834	30.00	14.50	751,598

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Line	Description	Service Period Start	Service Period End	Midpoint of Service Period	Payment Date	Due Date	Later of Due Date / Payment Date	Payment Amount	Payment (Lead) / Lag Days	Total (Lead) / Lag Days	Weighted Dollar- Days
49	Pasadena	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	383,636	30.00	14.50	5,562,718
50	Pine Island	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	2,485	30.00	14.50	36,027
51	Piney Point Village	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	22,702	30.00	14.50	329,173
52	Pleak	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	2,941	30.00	14.50	42,640
53	Quintana	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	1,465	30.00	14.50	21,236
54	Richmond	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	34,910	30.00	14.50	506,202
55	Richwood	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	9,560	30.00	14.50	138,623
56	Rosenberg	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	122,622	30.00	14.50	1,778,019
57	San Felipe	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	3,259	30.00	14.50	47,253
58	Sandy Point	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	3,571	30.00	14.50	51,782
59	Santa Fe	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	34,029	30.00	14.50	493,424
60	Seabrook	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	33,168	30.00	14.50	480,931
61	Sealy	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	24,821	30.00	14.50	359,909
62	Simonton	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	2,751	30.00	14.50	39,888
63	South Houston	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	35,348	30.00	14.50	512,547
64	Southside	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	8,140	30.00	14.50	118,034
65	Spring Valley	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	15,295	30.00	14.50	221,773
66	Stafford	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	114,359	30.00	14.50	1,658,209
67	Stagocoach	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	2,853	30.00	14.50	41,369
68	Sugar Land	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	338,063	30.00	14.50	4,901,912
69	Surfside Beach	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	5,661	30.00	14.50	82,081
70	Thompsons	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	2,151	30.00	14.50	31,186
71	Tiki Island	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	6,208	30.00	14.50	90,012
72	Tomball	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	59,559	30.00	14.50	863,603
73	Waller	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	10,546	30.00	14.50	152,910
74	Wallis	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	3,324	30.00	14.50	48,203
75	Webster	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	80,352	30.00	14.50	1,165,108
76	West University	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	45,180	30.00	14.50	655,115
77	Weston Lakes	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	9,472	30.00	14.50	137,342
78	Wharton	10/1/2022	10/31/2022	(15.50)	10/1/2022	10/1/2022	10/1/2022	41,706	30.00	14.50	604,735
79	Needville	10/1/2022	10/31/2022	(15.50)	10/31/2022	10/1/2022	10/31/2022	7,860	-	(15.50)	(121,825)
80	Bayou Vista	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	5,049	29.00	14.00	70,691
81	Baytown	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	209,326	29.00	14.00	2,930,564
82	Beach City	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	7,942	29.00	14.00	111,188
83	Beasley	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	1,843	29.00	14.00	25,805
84	Bellaire	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	67,149	29.00	14.00	940,084
85	Bonney Village	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	1,207	29.00	14.00	16,899
86	Brazos	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	1,545	29.00	14.00	21,625
87	Brookshire	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	14,993	29.00	14.00	209,903
88	Brookside Village	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	3,393	29.00	14.00	47,501
89	Bunker Hill Village	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	14,925	29.00	14.00	208,946
90	Clear Lake Shores	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	10,027	29.00	14.00	140,381
91	Clute	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	28,696	29.00	14.00	401,744
92	Cove	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	3,708	29.00	14.00	51,906
93	Danbury	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	3,816	29.00	14.00	53,429
94	Deer Park	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	88,416	29.00	14.00	1,237,827
95	East Bernard	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	6,739	29.00	14.00	94,343
96	Fairchilds	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11/1/2022	2,255	29.00	14.00	31,574

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		Start	End		Payment Date	Due Date		Days	Days		
97	Freeport	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	43,362	29.00	14.00	14.00	607,072
98	Friendswood	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11,521	29.00	14.00	14.00	161,298
99	Fulshear	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	55,789	29.00	14.00	14.00	781,039
100	Galena Park	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	52,229	29.00	14.00	14.00	731,207
101	Galveston	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	253,980	29.00	14.00	14.00	3,555,719
102	Hedwig	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	21,406	29.00	14.00	14.00	299,685
103	Hilcrest Village	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	1,817	29.00	14.00	14.00	25,441
104	Hilshire Village	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	2,970	29.00	14.00	14.00	41,579
105	Hitchcock	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	18,445	29.00	14.00	14.00	258,226
106	Houston	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	7,882,581	29.00	14.00	14.00	110,356,134
107	Humble	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	83,080	29.00	14.00	14.00	1,163,126
108	Hunter Creek Village	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	20,387	29.00	14.00	14.00	285,424
109	Jacinto City	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	34,168	29.00	14.00	14.00	478,347
110	Jamaica Beach	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	5,432	29.00	14.00	14.00	76,044
111	Jersey Village	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	29,044	29.00	14.00	14.00	406,619
112	Jones Creek	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	4,634	29.00	14.00	14.00	64,874
113	Katy	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	88,012	29.00	14.00	14.00	1,232,168
114	Kemah	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11,858	29.00	14.00	14.00	166,012
115	Kendleton	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	1,754	29.00	14.00	14.00	24,557
116	La Porte	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	213,298	29.00	14.00	14.00	2,986,172
117	Lake Jackson	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	87,181	29.00	14.00	14.00	1,220,540
118	Liverpool	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	1,989	29.00	14.00	14.00	27,848
119	Magnolia	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	11,903	29.00	14.00	14.00	166,642
120	Meadows Place	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	13,463	29.00	14.00	14.00	188,479
121	Missouri City	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	196,897	29.00	14.00	14.00	2,756,557
122	Mont Belvieu	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	568,598	29.00	14.00	14.00	7,960,368
123	Morgans Point	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	20,275	29.00	14.00	14.00	283,855
124	Nassau Bay	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	26,643	29.00	14.00	14.00	373,003
125	Old River Winfree	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	3,634	29.00	14.00	14.00	50,873
126	Orchard	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	987	29.00	14.00	14.00	13,815
127	Oyster Creek	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	51,834	29.00	14.00	14.00	725,681
128	Pasadena	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	383,636	29.00	14.00	14.00	5,370,900
129	Pine Island	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	2,485	29.00	14.00	14.00	34,784
130	Piney Point Village	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	22,702	29.00	14.00	14.00	317,822
131	Pleak	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	2,941	29.00	14.00	14.00	41,169
132	Quintana	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	1,465	29.00	14.00	14.00	20,504
133	Richmond	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	34,910	29.00	14.00	14.00	488,747
134	Richwood	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	9,560	29.00	14.00	14.00	133,843
135	Rosenberg	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	122,622	29.00	14.00	14.00	1,716,708
136	San Felipe	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	3,259	29.00	14.00	14.00	45,624
137	Sandy Point	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	3,571	29.00	14.00	14.00	49,997
138	Santa Fe	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	34,029	29.00	14.00	14.00	476,409
139	Seabrook	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	33,168	29.00	14.00	14.00	464,347
140	Sealy	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	24,821	29.00	14.00	14.00	347,498
141	Simonton	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	2,751	29.00	14.00	14.00	38,513
142	South Houston	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	35,348	29.00	14.00	14.00	494,873
143	Southside	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	8,140	29.00	14.00	14.00	113,964
144	Spring Valley	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	15,295	29.00	14.00	14.00	214,126

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		Start	End		Payment Date	Due Date		Days	Lag Days	Days		
145	Stafford	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	114,359	29.00	14.00	14.00	1,601,029	
146	Stagecoach	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	2,853	29.00	14.00	14.00	39,943	
147	Sugar Land	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	338,063	29.00	14.00	14.00	4,732,880	
148	Surfside Beach	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	5,661	29.00	14.00	14.00	79,251	
149	Thompsons	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	2,151	29.00	14.00	14.00	30,111	
150	Tiki Island	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	6,208	29.00	14.00	14.00	86,908	
151	Tomball	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	59,559	29.00	14.00	14.00	833,824	
152	Waller	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	10,546	29.00	14.00	14.00	147,637	
153	Wallis	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	3,324	29.00	14.00	14.00	46,540	
154	Webster	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	80,352	29.00	14.00	14.00	1,124,933	
155	West University	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	45,180	29.00	14.00	14.00	632,524	
156	Weston Lakes	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	9,472	29.00	14.00	14.00	132,606	
157	Wharton	11/1/2022	11/30/2022	(15.00)	11/1/2022	11/1/2022	41,706	29.00	14.00	14.00	583,882	
158	Needville	11/1/2022	11/30/2022	(15.00)	12/1/2022	11/1/2022	7,860	(1.00)	(16.00)	(16.00)	(125,755)	
159	Bayou Vista	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	5,049	30.00	14.50	14.50	73,216	
160	Baytown	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	209,326	30.00	14.50	14.50	3,035,227	
161	Beach City	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	7,942	30.00	14.50	14.50	115,159	
162	Beasley	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	1,843	30.00	14.50	14.50	26,727	
163	Bellaire	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	67,149	30.00	14.50	14.50	973,659	
164	Bonney Village	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	1,207	30.00	14.50	14.50	17,503	
165	Brazos	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	1,545	30.00	14.50	14.50	22,398	
166	Brookshire	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	14,993	30.00	14.50	14.50	217,399	
167	Brookside Village	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	3,393	30.00	14.50	14.50	49,197	
168	Bunker Hill Village	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	14,925	30.00	14.50	14.50	216,409	
169	Clear Lake Shores	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	10,027	30.00	14.50	14.50	145,395	
170	Clute	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	28,696	30.00	14.50	14.50	416,092	
171	Cove	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	3,708	30.00	14.50	14.50	53,760	
172	Danbury	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	3,816	30.00	14.50	14.50	55,337	
173	Deer Park	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	88,416	30.00	14.50	14.50	1,282,035	
174	East Bernard	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	6,739	30.00	14.50	14.50	97,713	
175	Fairchilds	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	2,255	30.00	14.50	14.50	32,701	
176	Freeport	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	43,362	30.00	14.50	14.50	628,753	
177	Friendswood	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	11,521	30.00	14.50	14.50	167,058	
178	Fulshear	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	55,789	30.00	14.50	14.50	808,933	
179	Galena Park	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	52,229	30.00	14.50	14.50	757,322	
180	Galveston	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	253,980	30.00	14.50	14.50	3,682,709	
181	Hedwig	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	21,406	30.00	14.50	14.50	310,388	
182	Hilcrest Village	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	1,817	30.00	14.50	14.50	26,349	
183	Hilshire Village	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	2,970	30.00	14.50	14.50	43,064	
184	Hitchcock	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	18,445	30.00	14.50	14.50	267,448	
185	Houston	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	7,882,581	30.00	14.50	14.50	114,297,424	
186	Humble	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	83,080	30.00	14.50	14.50	1,204,666	
187	Hunter Creek Village	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	20,387	30.00	14.50	14.50	295,618	
188	Jacinto City	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	34,168	30.00	14.50	14.50	495,430	
189	Jamaica Beach	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	5,432	30.00	14.50	14.50	78,759	
190	Jersey Village	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	29,044	30.00	14.50	14.50	421,141	
191	Jones Creek	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	4,634	30.00	14.50	14.50	67,191	
192	Katy	12/1/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	88,012	30.00	14.50	14.50	1,276,174	

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
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Line	Description	Service Period		Service Period		Midpoint of Service Period	Payment Date		Due Date	Later of Due Date / Payment Date		Payment Amount	Payment (Lead) / Lag Days		Total (Lead) / Lag Days		Weighted Dollar-Days
		Start	End	Start	End		Payment Date	Due Date		Date	Date		Days	Days	Lag Days	Days	
193	Kemah	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	11,858	30.00	30.00	14.50	14.50	171,941
194	Kendleton	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	1,754	30.00	30.00	14.50	14.50	25,434
195	La Porte	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	213,298	30.00	30.00	14.50	14.50	3,092,821
196	Lake Jackson	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	87,181	30.00	30.00	14.50	14.50	1,264,130
197	Liverpool	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	1,989	30.00	30.00	14.50	14.50	28,842
198	Magnolia	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	11,903	30.00	30.00	14.50	14.50	172,594
199	Meadows Place	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	13,463	30.00	30.00	14.50	14.50	195,211
200	Missouri City	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	196,897	30.00	30.00	14.50	14.50	2,855,005
201	Mont Belvieu	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	568,598	30.00	30.00	14.50	14.50	8,244,667
202	Morgans Point	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	20,275	30.00	30.00	14.50	14.50	293,992
203	Nassau Bay	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	26,643	30.00	30.00	14.50	14.50	386,325
204	Old River Winfree	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	3,634	30.00	30.00	14.50	14.50	52,690
205	Orchard	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	987	30.00	30.00	14.50	14.50	14,308
206	Oyster Creek	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	51,834	30.00	30.00	14.50	14.50	751,598
207	Pasadena	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	383,636	30.00	30.00	14.50	14.50	5,562,718
208	Pine Island	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	2,485	30.00	30.00	14.50	14.50	36,027
209	Piney Point Village	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	22,702	30.00	30.00	14.50	14.50	329,173
210	Pleak	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	2,941	30.00	30.00	14.50	14.50	42,640
211	Quintana	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	1,465	30.00	30.00	14.50	14.50	21,236
212	Richmond	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	34,910	30.00	30.00	14.50	14.50	506,202
213	Richwood	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	9,560	30.00	30.00	14.50	14.50	138,623
214	Rosenberg	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	122,622	30.00	30.00	14.50	14.50	1,778,019
215	San Felipe	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	3,259	30.00	30.00	14.50	14.50	47,253
216	Sandy Point	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	3,571	30.00	30.00	14.50	14.50	51,782
217	Santa Fe	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	34,029	30.00	30.00	14.50	14.50	493,424
218	Seabrook	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	33,168	30.00	30.00	14.50	14.50	480,931
219	Sealy	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	24,821	30.00	30.00	14.50	14.50	359,909
220	Simonton	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	2,751	30.00	30.00	14.50	14.50	39,888
221	South Houston	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	35,348	30.00	30.00	14.50	14.50	512,547
222	Southside	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	8,140	30.00	30.00	14.50	14.50	118,034
223	Spring Valley	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	15,295	30.00	30.00	14.50	14.50	221,773
224	Stafford	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	114,359	30.00	30.00	14.50	14.50	1,668,209
225	Stagecoach	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	2,853	30.00	30.00	14.50	14.50	41,369
226	Sugar Land	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	338,063	30.00	30.00	14.50	14.50	4,901,912
227	Surfside Beach	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	5,661	30.00	30.00	14.50	14.50	82,081
228	Thompsons	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	2,151	30.00	30.00	14.50	14.50	31,186
229	Tiki Island	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	6,208	30.00	30.00	14.50	14.50	90,012
230	Tomball	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	59,559	30.00	30.00	14.50	14.50	863,603
231	Waller	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	10,546	30.00	30.00	14.50	14.50	152,910
232	Wallis	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	3,324	30.00	30.00	14.50	14.50	48,203
233	Webster	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	80,352	30.00	30.00	14.50	14.50	1,165,108
234	West University	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	45,180	30.00	30.00	14.50	14.50	655,115
235	Weston Lakes	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	9,472	30.00	30.00	14.50	14.50	137,342
236	Wharton	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/1/2022	12/1/2022	12/1/2022	12/1/2022	12/1/2022	41,706	30.00	30.00	14.50	14.50	604,735
237	Needville	12/1/2022	12/31/2022	12/31/2022	12/31/2022	(15.50)	12/30/2022	12/1/2022	12/1/2022	12/30/2022	12/30/2022	7,860	1.00	1.00	(14.50)	(14.50)	(113,965)
238	Bayou Vista	1/1/2023	1/31/2023	1/31/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	1/1/2023	1/1/2023	5,049	30.00	30.00	14.50	14.50	73,216
239	Baytown	1/1/2023	1/31/2023	1/31/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	1/1/2023	1/1/2023	209,326	30.00	30.00	14.50	14.50	3,035,227
240	Beach City	1/1/2023	1/31/2023	1/31/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	1/1/2023	1/1/2023	7,942	30.00	30.00	14.50	14.50	115,159

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241	Beasley	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	1,843	30.00	14.50	26,727
242	Bellaire	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	67,149	30.00	14.50	973,659
243	Bonney Village	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	1,207	30.00	14.50	17,503
244	Brazos	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	1,545	30.00	14.50	22,398
245	Brookshire	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	14,993	30.00	14.50	217,399
246	Brookside Village	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	3,393	30.00	14.50	49,197
247	Bunker Hill Village	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	14,925	30.00	14.50	216,409
248	Clear Lake Shores	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	10,027	30.00	14.50	145,395
249	Clute	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	28,696	30.00	14.50	416,092
250	Cove	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	3,708	30.00	14.50	53,760
251	Danbury	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	3,816	30.00	14.50	55,337
252	Deer Park	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	88,416	30.00	14.50	1,282,035
253	East Bernard	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	6,739	30.00	14.50	97,713
254	Fairchilds	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	2,255	30.00	14.50	32,701
255	Freeport	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	43,362	30.00	14.50	628,753
256	Friendswood	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	11,521	30.00	14.50	167,058
257	Fulshear	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	55,789	30.00	14.50	808,933
258	Galena Park	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	52,229	30.00	14.50	757,322
259	Galveston	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	253,980	30.00	14.50	3,682,709
260	Hedwig	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	21,406	30.00	14.50	310,388
261	Hilcrest Village	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	1,817	30.00	14.50	26,349
262	Hilshire Village	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	2,970	30.00	14.50	43,064
263	Hitchcock	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	18,445	30.00	14.50	267,448
264	Houston	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	7,882,581	30.00	14.50	114,297,424
265	Humble	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	83,080	30.00	14.50	1,204,666
266	Hunter Creek Village	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	20,387	30.00	14.50	295,618
267	Jacinto City	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	34,168	30.00	14.50	495,430
268	Jamalca Beach	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	5,432	30.00	14.50	78,759
269	Jersey Village	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	29,044	30.00	14.50	421,141
270	Jones Creek	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	4,634	30.00	14.50	67,191
271	Katy	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	88,012	30.00	14.50	1,276,174
272	Kemah	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	11,858	30.00	14.50	171,941
273	Kendleton	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	1,754	30.00	14.50	25,434
274	La Porte	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	213,298	30.00	14.50	3,092,821
275	Lake Jackson	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	87,181	30.00	14.50	1,264,130
276	Liverpool	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	1,989	30.00	14.50	28,842
277	Magnolia	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	11,903	30.00	14.50	172,594
278	Meadows Place	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	13,463	30.00	14.50	195,211
279	Missouri City	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	196,897	30.00	14.50	2,855,005
280	Mont Belvieu	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	568,598	30.00	14.50	8,244,667
281	Morgans Point	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	20,275	30.00	14.50	293,992
282	Nassau Bay	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	26,643	30.00	14.50	386,325
283	Old River Winfree	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	3,634	30.00	14.50	52,690
284	Orchard	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	987	30.00	14.50	14,308
285	Oyster Creek	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	51,834	30.00	14.50	751,598
286	Pasadena	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	383,636	30.00	14.50	5,562,718
287	Pine Island	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	2,485	30.00	14.50	36,027
288	Piney Point Village	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1/1/2023	22,702	30.00	14.50	329,173

CenterPoint Energy Houston Electric, LLC
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Local Franchise Taxes

Line	Description	Service Period		Midpoint of Service Period	Later of Due Date / Payment Date		Payment Amount	Payment (Lead) / Lag Days		Total (Lead) / Lag Days		Weighted Dollar- Days
		Start	End		Payment Date	Due Date		Date	Days	Days	Days	
289	Pleak	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	2,941	30.00	30.00	14.50	14.50	42,640
290	Quintana	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	1,465	30.00	30.00	14.50	14.50	21,236
291	Richmond	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	34,910	30.00	30.00	14.50	14.50	506,202
292	Richwood	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	9,560	30.00	30.00	14.50	14.50	138,623
293	Rosenberg	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	122,622	30.00	30.00	14.50	14.50	1,778,019
294	San Felipe	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	3,259	30.00	30.00	14.50	14.50	47,253
295	Sandy Point	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	3,571	30.00	30.00	14.50	14.50	51,782
296	Santa Fe	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	34,029	30.00	30.00	14.50	14.50	493,424
297	Seabrook	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	33,168	30.00	30.00	14.50	14.50	480,931
298	Sealy	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	24,821	30.00	30.00	14.50	14.50	359,909
299	Simonton	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	2,751	30.00	30.00	14.50	14.50	39,888
300	South Houston	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	35,348	30.00	30.00	14.50	14.50	512,547
301	Southside	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	8,140	30.00	30.00	14.50	14.50	118,034
302	Spring Valley	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	15,295	30.00	30.00	14.50	14.50	221,773
303	Stafford	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	114,359	30.00	30.00	14.50	14.50	1,658,209
304	Stagecoach	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	2,853	30.00	30.00	14.50	14.50	41,369
305	Sugar Land	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	338,063	30.00	30.00	14.50	14.50	4,901,912
306	Surfside Beach	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	5,661	30.00	30.00	14.50	14.50	82,081
307	Thompsons	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	2,151	30.00	30.00	14.50	14.50	31,186
308	Tiki Island	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	6,208	30.00	30.00	14.50	14.50	90,012
309	Tomball	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	59,559	30.00	30.00	14.50	14.50	863,603
310	Waller	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	10,546	30.00	30.00	14.50	14.50	152,910
311	Wallis	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	3,324	30.00	30.00	14.50	14.50	48,203
312	Webster	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	80,352	30.00	30.00	14.50	14.50	1,165,108
313	West University	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	45,180	30.00	30.00	14.50	14.50	655,115
314	Weston Lakes	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	9,472	30.00	30.00	14.50	14.50	137,342
315	Wharton	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	41,706	30.00	30.00	14.50	14.50	604,735
316	Needville	1/1/2023	1/31/2023	(15.50)	1/1/2023	1/1/2023	7,860	14.00	14.00	(1.50)	(11,789)	
317	Bayou Vista	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	5,049	27.00	27.00	13.00	13.00	65,642
318	Baytown	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	209,326	27.00	27.00	13.00	13.00	2,721,238
319	Beach City	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	7,942	27.00	27.00	13.00	13.00	103,246
320	Beasley	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	1,843	27.00	27.00	13.00	13.00	23,962
321	Bellaire	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	67,149	27.00	27.00	13.00	13.00	872,936
322	Bonney Village	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	1,207	27.00	27.00	13.00	13.00	15,692
323	Brazos	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	1,545	27.00	27.00	13.00	13.00	20,081
324	Brookshire	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	14,993	27.00	27.00	13.00	13.00	194,910
325	Brookside Village	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	3,393	27.00	27.00	13.00	13.00	44,108
326	Bunker Hill Village	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	14,925	27.00	27.00	13.00	13.00	194,021
327	Clear Lake Shores	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	10,027	27.00	27.00	13.00	13.00	130,354
328	Clute	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	28,696	27.00	27.00	13.00	13.00	373,048
329	Cove	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	3,708	27.00	27.00	13.00	13.00	48,199
330	Danbury	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	3,816	27.00	27.00	13.00	13.00	49,612
331	Deer Park	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	88,416	27.00	27.00	13.00	13.00	1,149,411
332	East Bernard	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	6,739	27.00	27.00	13.00	13.00	87,604
333	Fairchilds	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2,255	27.00	27.00	13.00	13.00	29,318
334	Freeport	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	43,362	27.00	27.00	13.00	13.00	563,710
335	Friendswood	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	11,521	27.00	27.00	13.00	13.00	149,776
336	Fulshear	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	55,789	27.00	27.00	13.00	13.00	725,251

CenterPoint Energy Houston Electric, LLC
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Local Franchise Taxes

Line	Description	Service Period		Service Period		Midpoint of		Payment Date		Due Date		Later of Due		Payment Amount	Payment (Lead) / Lag		Total (Lead) /		Weighted Dollar- Lag Days	Days
		Start	End	Start	End	Service Period	Midpoint of	Payment Date	Due Date	Payment Date	Due Date	Date / Payment	Date		Days	Days	Lag Days	Days		
337	Galena Park	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	52,229	27.00	27.00	13.00	13.00	678,978	
338	Galveston	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	253,980	27.00	27.00	13.00	13.00	3,301,739	
339	Hedwig	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	21,406	27.00	27.00	13.00	13.00	278,279	
340	Hilcrest Village	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	1,817	27.00	27.00	13.00	13.00	23,624	
341	Hilshire Village	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2,970	27.00	27.00	13.00	13.00	38,609	
342	Hitchcock	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	18,445	27.00	27.00	13.00	13.00	239,781	
343	Houston	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	7,882,581	27.00	27.00	13.00	13.00	102,473,553	
344	Humble	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	83,080	27.00	27.00	13.00	13.00	1,080,046	
345	Hunter Creek Village	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	20,387	27.00	27.00	13.00	13.00	265,036	
346	Jacinto City	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	34,168	27.00	27.00	13.00	13.00	444,179	
347	Jamaica Beach	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	5,432	27.00	27.00	13.00	13.00	70,612	
348	Jersey Village	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	29,044	27.00	27.00	13.00	13.00	377,574	
349	Jones Creek	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	4,634	27.00	27.00	13.00	13.00	60,241	
350	Katy	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	88,012	27.00	27.00	13.00	13.00	1,144,156	
351	Kemah	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	11,858	27.00	27.00	13.00	13.00	154,154	
352	Kendleton	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	1,754	27.00	27.00	13.00	13.00	22,803	
353	La Porte	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	213,298	27.00	27.00	13.00	13.00	2,772,874	
354	Lake Jackson	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	87,181	27.00	27.00	13.00	13.00	1,133,358	
355	Liverpool	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	1,989	27.00	27.00	13.00	13.00	25,859	
356	Magnolia	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	11,903	27.00	27.00	13.00	13.00	154,739	
357	Meadows Place	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	13,463	27.00	27.00	13.00	13.00	175,017	
358	Missouri City	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	196,897	27.00	27.00	13.00	13.00	2,559,660	
359	Mont Belvieu	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	568,598	27.00	27.00	13.00	13.00	7,391,770	
360	Morgans Point	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	20,275	27.00	27.00	13.00	13.00	263,579	
361	Nassau Bay	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	26,643	27.00	27.00	13.00	13.00	346,360	
362	Old River Winfree	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	3,634	27.00	27.00	13.00	13.00	47,240	
363	Orchard	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	987	27.00	27.00	13.00	13.00	12,828	
364	Oyster Creek	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	51,834	27.00	27.00	13.00	13.00	673,847	
365	Pasadena	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	383,636	27.00	27.00	13.00	13.00	4,987,264	
366	Pine Island	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2,485	27.00	27.00	13.00	13.00	32,300	
367	Piney Point Village	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	22,702	27.00	27.00	13.00	13.00	295,121	
368	Pleak	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2,941	27.00	27.00	13.00	13.00	38,229	
369	Quintana	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	1,465	27.00	27.00	13.00	13.00	19,039	
370	Richmond	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	34,910	27.00	27.00	13.00	13.00	453,836	
371	Richwood	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	9,560	27.00	27.00	13.00	13.00	124,282	
372	Rosenberg	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	122,622	27.00	27.00	13.00	13.00	1,594,086	
373	San Felipe	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	3,259	27.00	27.00	13.00	13.00	42,365	
374	Sandy Point	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	3,571	27.00	27.00	13.00	13.00	46,425	
375	Santa Fe	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	34,029	27.00	27.00	13.00	13.00	442,380	
376	Seabrook	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	33,168	27.00	27.00	13.00	13.00	431,179	
377	Sealy	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	24,821	27.00	27.00	13.00	13.00	322,677	
378	Simonton	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2,751	27.00	27.00	13.00	13.00	35,762	
379	South Houston	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	35,348	27.00	27.00	13.00	13.00	459,525	
380	Southside	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	8,140	27.00	27.00	13.00	13.00	105,824	
381	Spring Valley	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	15,295	27.00	27.00	13.00	13.00	198,831	
382	Stafford	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	114,359	27.00	27.00	13.00	13.00	1,486,670	
383	Stagocoach	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2,853	27.00	27.00	13.00	13.00	37,090	
384	Sugar Land	2/1/2023	2/28/2023					2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	338,063	27.00	27.00	13.00	13.00	4,394,817	

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Local Franchise Taxes

Line	Description	Service Period		Service Period		Midpoint of		Later of Due		Payment (Lead) / Lag Days	Total (Lead) / Lag Days		Weighted Dollar- Days
		Start	End	Start	End	Service Period	Payment Date	Due Date	Date / Payment Date				
385	Surfside Beach	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	27.00	13.00	13.00	73,590
386	Thompsons	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	27.00	13.00	13.00	27,960
387	Tiki Island	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	27.00	13.00	13.00	80,701
388	Tomball	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	59,559	27.00	13.00	774,265
389	Waller	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	10,546	27.00	13.00	137,092
390	Wallis	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	3,324	27.00	13.00	43,216
391	Webster	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	80,352	27.00	13.00	1,044,579
392	West University	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	45,180	27.00	13.00	587,344
393	Weston Lakes	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	9,472	27.00	13.00	123,134
394	Wharton	2/1/2023	2/28/2023	(14.00)	2/1/2023	2/1/2023	2/1/2023	2/1/2023	2/1/2023	41,706	27.00	13.00	542,176
395	Prairie View	10/1/2022	12/31/2022	(46.00)	2/13/2023	2/13/2023	2/13/2023	2/14/2023	2/14/2023	832	(45.00)	(91.00)	(75,728)
396	Arcola	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	12,281	(45.00)	(91.00)	(1,117,604)
397	Dickinson	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2,320	(45.00)	(91.00)	(211,118)
398	El Lago	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	18,921	(45.00)	(91.00)	(1,721,791)
399	Iowa Colony	1/1/2022	12/31/2022	(182.50)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	233,791	(45.00)	(227.50)	(53,187,393)
400	La Marque	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	8,844	(45.00)	(91.00)	(804,778)
401	League City	1/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	110,790	(45.00)	(227.50)	(25,204,720)
402	Manvel	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	90,805	(45.00)	(91.00)	(8,263,230)
403	Oakridge North	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	13,770	(45.00)	(91.00)	(1,253,088)
404	Pattison	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	8,458	(45.00)	(91.00)	(769,704)
405	Pearland	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	829,597	(45.00)	(91.00)	(75,493,290)
406	Shoreacres	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	10,687	(45.00)	(91.00)	(972,518)
407	Taylor Lake Vill	10/1/2022	12/31/2022	(46.00)	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	23,731	(45.00)	(91.00)	(2,159,480)
408	Bayou Vista	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	5,049	30.00	14.50	73,216
409	Baytown	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	209,326	30.00	14.50	3,035,227
410	Beach City	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	7,942	30.00	14.50	115,159
411	Beasley	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	1,843	30.00	14.50	26,727
412	Bellaire	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	67,149	30.00	14.50	973,659
413	Bonney Village	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	1,207	30.00	14.50	17,503
414	Brazos	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	1,545	30.00	14.50	22,398
415	Brookshire	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	14,993	30.00	14.50	217,399
416	Brookside Village	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3,393	30.00	14.50	49,197
417	Bunker Hill Village	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	14,925	30.00	14.50	216,409
418	Clear Lake Shores	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	10,027	30.00	14.50	145,395
419	Clute	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	28,696	30.00	14.50	416,092
420	Cove	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3,708	30.00	14.50	53,760
421	Danbury	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3,816	30.00	14.50	55,337
422	Deer Park	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	88,416	30.00	14.50	1,282,035
423	East Bernard	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	6,739	30.00	14.50	97,713
424	Fairchilds	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	2,255	30.00	14.50	32,701
425	Freeport	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	43,362	30.00	14.50	628,753
426	Friendswood	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	11,521	30.00	14.50	167,058
427	Fulshear	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	55,789	30.00	14.50	808,933
428	Galena Park	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	52,229	30.00	14.50	757,322
429	Galveston	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	253,980	30.00	14.50	3,682,709
430	Hedwig	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	21,406	30.00	14.50	310,388
431	Hilcrest Village	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	1,817	30.00	14.50	26,349
432	Hilshire Village	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	2,970	30.00	14.50	43,064

CenterPoint Energy Houston Electric, LLC
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Local Franchise Taxes

Line	Description	Service Period			Midpoint of Service Period	Later of Due Date / Payment Date		Payment Amount	Payment (Lead) / Lag Days		Total (Lead) / Lag Days		Weighted Dollar Days
		Start	End	Service Period		Due Date	Date		Days	Days	Days		
433	Hitchcock	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	18,445	30.00	14.50	14.50	267,448		
434	Houston	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	7,882,581	30.00	14.50	14.50	114,297,424		
435	Humble	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	83,080	30.00	14.50	14.50	1,204,666		
436	Hunter Creek Village	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	20,387	30.00	14.50	14.50	295,618		
437	Jacinto City	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	34,168	30.00	14.50	14.50	495,430		
438	Jamaica Beach	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	5,432	30.00	14.50	14.50	78,759		
439	Jersey Village	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	29,044	30.00	14.50	14.50	421,141		
440	Jones Creek	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	4,634	30.00	14.50	14.50	67,191		
441	Katy	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	88,012	30.00	14.50	14.50	1,276,174		
442	Kemah	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	11,858	30.00	14.50	14.50	171,941		
443	Kendleton	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	1,754	30.00	14.50	14.50	25,434		
444	La Porte	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	213,298	30.00	14.50	14.50	3,092,821		
445	Lake Jackson	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	87,181	30.00	14.50	14.50	1,264,130		
446	Liverpool	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	1,989	30.00	14.50	14.50	28,842		
447	Magnolia	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	11,903	30.00	14.50	14.50	172,594		
448	Meadows Place	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	13,463	30.00	14.50	14.50	195,211		
449	Missouri City	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	196,897	30.00	14.50	14.50	2,855,005		
450	Mont Belvieu	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	568,598	30.00	14.50	14.50	8,244,667		
451	Morgans Point	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	20,275	30.00	14.50	14.50	293,992		
452	Nassau Bay	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	26,643	30.00	14.50	14.50	386,325		
453	Old River Winfree	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3,634	30.00	14.50	14.50	52,690		
454	Orchard	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	987	30.00	14.50	14.50	14,308		
455	Oyster Creek	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	51,834	30.00	14.50	14.50	751,598		
456	Pasadena	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	383,636	30.00	14.50	14.50	5,562,718		
457	Pine Island	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	2,485	30.00	14.50	14.50	36,027		
458	Piney Point Village	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	22,702	30.00	14.50	14.50	329,173		
459	Pleak	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	2,941	30.00	14.50	14.50	42,640		
460	Quintana	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	1,465	30.00	14.50	14.50	21,236		
461	Richmond	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	34,910	30.00	14.50	14.50	506,202		
462	Richwood	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	9,560	30.00	14.50	14.50	138,623		
463	Rosenberg	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	122,622	30.00	14.50	14.50	1,778,019		
464	San Felipe	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3,259	30.00	14.50	14.50	47,253		
465	Sandy Point	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	3,571	30.00	14.50	14.50	51,782		
466	Santa Fe	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	34,029	30.00	14.50	14.50	493,424		
467	Seabrook	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	33,168	30.00	14.50	14.50	480,931		
468	Sealy	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	24,821	30.00	14.50	14.50	359,909		
469	Simonton	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	2,751	30.00	14.50	14.50	39,888		
470	South Houston	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	35,348	30.00	14.50	14.50	512,547		
471	Southside	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	8,140	30.00	14.50	14.50	118,034		
472	Spring Valley	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	15,295	30.00	14.50	14.50	221,773		
473	Stafford	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	114,359	30.00	14.50	14.50	1,658,209		
474	Stagecoach	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	2,853	30.00	14.50	14.50	41,369		
475	Sugar Land	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	338,063	30.00	14.50	14.50	4,901,912		
476	Surfside Beach	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	5,661	30.00	14.50	14.50	82,081		
477	Thompsons	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	2,151	30.00	14.50	14.50	31,186		
478	Tiki Island	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	6,208	30.00	14.50	14.50	90,012		
479	Tomball	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	59,559	30.00	14.50	14.50	863,603		
480	Waller	3/1/2023	3/31/2023	(15.50)	3/1/2023	3/1/2023	10,546	30.00	14.50	14.50	152,910		

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Line	Description	Service Period			Midpoint of		Later of Due		Payment Amount	Payment (Lead) / Lag		Total (Lead) /		Weighted Dollar- Days
		Start	End	Service Period	Midpoint of	Service Period	Payment Date	Due Date		Days	Lag	Lag Days	Days	
481	Wallis	3/1/2023	3/31/2023		(15.50)	3/1/2023	3/1/2023	3/1/2023	3,324	30.00		14.50	14.50	48,203
482	Webster	3/1/2023	3/31/2023		(15.50)	3/1/2023	3/1/2023	3/1/2023	80,352	30.00		14.50	14.50	1,165,108
483	West University	3/1/2023	3/31/2023		(15.50)	3/1/2023	3/1/2023	3/1/2023	45,180	30.00		14.50	14.50	655,115
484	Weston Lakes	3/1/2023	3/31/2023		(15.50)	3/1/2023	3/1/2023	3/1/2023	9,472	30.00		14.50	14.50	137,342
485	Wharton	3/1/2023	3/31/2023		(15.50)	3/1/2023	3/1/2023	3/1/2023	41,706	30.00		14.50	14.50	604,735
486	Needville	2/1/2023	2/28/2023		(14.00)	3/3/2023	3/3/2023	2/1/2023	7,860	(3.00)		(17.00)	(17.00)	(133,614)
487	Alvin	1/1/2022	12/31/2022		(182.50)	3/14/2023	3/14/2023	3/14/2023	16,891	(73.00)		(255.50)	(255.50)	(4,315,538)
488	Needville	3/1/2023	3/31/2023		(15.50)	3/31/2023	3/31/2023	3/31/2023	7,860	-		(15.50)	(15.50)	(121,825)
489	Bayou Vista	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	5,049	29.00		14.00	14.00	70,691
490	Baytown	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	209,326	29.00		14.00	14.00	2,930,564
491	Beach City	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	7,942	29.00		14.00	14.00	111,188
492	Beasley	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	1,843	29.00		14.00	14.00	25,805
493	Bellaire	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	67,149	29.00		14.00	14.00	940,084
494	Bonney Village	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	1,207	29.00		14.00	14.00	16,899
495	Brazos	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	1,545	29.00		14.00	14.00	21,625
496	Brookshire	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	14,993	29.00		14.00	14.00	209,903
497	Brookside Village	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	3,393	29.00		14.00	14.00	47,501
498	Bunker Hill Village	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	14,925	29.00		14.00	14.00	208,946
499	Clear Lake Shores	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	10,027	29.00		14.00	14.00	140,381
500	Clute	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	28,696	29.00		14.00	14.00	401,744
501	Cove	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	3,708	29.00		14.00	14.00	51,906
502	Danbury	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	3,816	29.00		14.00	14.00	53,429
503	Deer Park	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	88,416	29.00		14.00	14.00	1,237,827
504	East Bernard	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	6,739	29.00		14.00	14.00	94,343
505	Fairchilds	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	2,255	29.00		14.00	14.00	31,574
506	Freeport	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	43,362	29.00		14.00	14.00	607,072
507	Friendswood	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	11,521	29.00		14.00	14.00	161,298
508	Fulshear	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	55,789	29.00		14.00	14.00	781,039
509	Galena Park	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	52,229	29.00		14.00	14.00	731,207
510	Galveston	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	253,980	29.00		14.00	14.00	3,555,719
511	Hedwig	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	21,406	29.00		14.00	14.00	299,685
512	Hilcrest Village	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	1,817	29.00		14.00	14.00	25,441
513	Hilshire Village	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	2,970	29.00		14.00	14.00	41,579
514	Hitchcock	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	18,445	29.00		14.00	14.00	258,226
515	Houston	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	7,882,581	29.00		14.00	14.00	110,356,134
516	Humble	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	83,080	29.00		14.00	14.00	1,163,126
517	Hunter Creek Village	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	20,387	29.00		14.00	14.00	285,424
518	Jacinto City	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	34,168	29.00		14.00	14.00	478,347
519	Jamaica Beach	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	5,432	29.00		14.00	14.00	76,044
520	Jersey Village	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	29,044	29.00		14.00	14.00	406,619
521	Jones Creek	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	4,634	29.00		14.00	14.00	64,874
522	Katy	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	88,012	29.00		14.00	14.00	1,232,168
523	Kemah	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	11,858	29.00		14.00	14.00	166,012
524	Kendleton	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	1,754	29.00		14.00	14.00	24,557
525	La Porte	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	213,298	29.00		14.00	14.00	2,986,172
526	Lake Jackson	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	87,181	29.00		14.00	14.00	1,220,540
527	Liverpool	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	1,989	29.00		14.00	14.00	27,848
528	Magnolia	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	11,903	29.00		14.00	14.00	166,642

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Line	Description	Service Period			Midpoint of Service Period	Later of Due Date / Payment Date			Payment Amount	Payment (Lead) / Lag		Total (Lead) / Lag Days	Weighted Dollar Days
		Start	End	Service Period		Payment Date	Due Date	Date		Days			
529	Meadows Place	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	13,463	29.00	14.00	188,479	
530	Missouri City	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	196,897	29.00	14.00	2,756,557	
531	Mont Belvieu	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	568,598	29.00	14.00	7,960,368	
532	Morgans Point	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	20,275	29.00	14.00	283,855	
533	Nassau Bay	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	26,643	29.00	14.00	373,003	
534	Old River Winfree	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	3,634	29.00	14.00	50,873	
535	Orchard	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	987	29.00	14.00	13,815	
536	Oyster Creek	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	51,834	29.00	14.00	725,681	
537	Pasadena	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	383,636	29.00	14.00	5,370,900	
538	Pine Island	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	2,485	29.00	14.00	34,784	
539	Piney Point Village	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	22,702	29.00	14.00	317,822	
540	Pleak	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	2,941	29.00	14.00	41,169	
541	Quintana	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	1,465	29.00	14.00	20,504	
542	Richmond	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	34,910	29.00	14.00	488,747	
543	Richwood	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	9,560	29.00	14.00	133,843	
544	Rosenberg	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	122,622	29.00	14.00	1,716,708	
545	San Felipe	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	3,259	29.00	14.00	45,624	
546	Sandy Point	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	3,571	29.00	14.00	49,997	
547	Santa Fe	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	34,029	29.00	14.00	476,409	
548	Seabrook	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	33,168	29.00	14.00	464,347	
549	Sealy	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	24,821	29.00	14.00	347,498	
550	Simonton	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	2,751	29.00	14.00	38,513	
551	South Houston	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	35,348	29.00	14.00	494,873	
552	Southside	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	8,140	29.00	14.00	113,964	
553	Spring Valley	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	15,295	29.00	14.00	214,126	
554	Stafford	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	114,359	29.00	14.00	1,601,029	
555	Stagecoach	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	2,853	29.00	14.00	39,943	
556	Sugar Land	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	338,063	29.00	14.00	4,732,880	
557	Surfside Beach	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	5,661	29.00	14.00	79,251	
558	Thompsons	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	2,151	29.00	14.00	30,111	
559	Tiki Island	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	6,208	29.00	14.00	86,908	
560	Tomball	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	59,559	29.00	14.00	833,824	
561	Waller	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	10,546	29.00	14.00	147,637	
562	Wallis	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	3,324	29.00	14.00	46,540	
563	Webster	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	80,352	29.00	14.00	1,124,932	
564	West University	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	45,180	29.00	14.00	632,524	
565	Weston Lakes	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	9,472	29.00	14.00	132,606	
566	Wharton	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	41,706	29.00	14.00	583,882	
567	Needville	4/1/2023	4/30/2023		(15.00)	4/1/2023	4/1/2023	4/1/2023	7,860	(1.00)	(16.00)	(125,755)	
568	Bayou Vista	5/1/2023	5/31/2023		(15.50)	5/1/2023	5/1/2023	5/1/2023	5,049	30.00	14.50	73,216	
569	Baytown	5/1/2023	5/31/2023		(15.50)	5/1/2023	5/1/2023	5/1/2023	209,326	30.00	14.50	3,035,227	
570	Beach City	5/1/2023	5/31/2023		(15.50)	5/1/2023	5/1/2023	5/1/2023	7,942	30.00	14.50	115,159	
571	Beasley	5/1/2023	5/31/2023		(15.50)	5/1/2023	5/1/2023	5/1/2023	1,843	30.00	14.50	26,727	
572	Bellaire	5/1/2023	5/31/2023		(15.50)	5/1/2023	5/1/2023	5/1/2023	67,149	30.00	14.50	973,659	
573	Bonney Village	5/1/2023	5/31/2023		(15.50)	5/1/2023	5/1/2023	5/1/2023	1,207	30.00	14.50	17,503	
574	Brazos	5/1/2023	5/31/2023		(15.50)	5/1/2023	5/1/2023	5/1/2023	1,545	30.00	14.50	22,398	
575	Brookshire	5/1/2023	5/31/2023		(15.50)	5/1/2023	5/1/2023	5/1/2023	14,993	30.00	14.50	217,399	
576	Brookside Village	5/1/2023	5/31/2023		(15.50)	5/1/2023	5/1/2023	5/1/2023	3,393	30.00	14.50	49,197	

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Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Local Franchise Taxes

Line	Description	Service Period		Service Period		Midpoint of		Payment Date		Due Date		Later of Due		Payment (Lead) / Lag Days	Total (Lead) / Lag Days		Weighted Dollar- Days
		Start	End	Start	End	Service Period	Midpoint of	Payment Date	Due Date	Payment Date	Due Date	Date / Payment	Date				
577	Bunker Hill Village	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	14.50	14.50	216,409
578	Clear Lake Shores	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	10,027	14,925	145,395
579	Clute	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	28,696	28,696	416,092
580	Cove	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	3,708	3,708	53,760
581	Danbury	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	3,816	3,816	55,337
582	Deer Park	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	88,416	88,416	1,282,035
583	East Bernard	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	6,739	6,739	97,713
584	Fairchilds	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	2,255	2,255	32,701
585	Freeport	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	43,362	43,362	628,753
586	Friendswood	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	11,521	11,521	167,058
587	Fulshear	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	55,789	55,789	808,933
588	Galena Park	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	52,229	52,229	757,322
589	Galveston	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	253,980	253,980	3,682,709
590	Hedwig	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	21,406	21,406	310,388
591	Hilcrest Village	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	1,817	1,817	26,349
592	Hilshire Village	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	2,970	2,970	43,064
593	Hitchcock	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	18,445	18,445	267,448
594	Houston	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	7,882,581	7,882,581	114,297,424
595	Humble	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	83,080	83,080	1,204,666
596	Hunter Creek Village	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	20,387	20,387	295,618
597	Jacinto City	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	34,168	34,168	495,430
598	Jamaica Beach	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	5,432	5,432	78,759
599	Jersey Village	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	29,044	29,044	421,141
600	Jones Creek	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	4,634	4,634	67,191
601	Katy	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	88,012	88,012	1,276,174
602	Kemah	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	11,858	11,858	171,941
603	Kendleton	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	1,754	1,754	25,434
604	La Porte	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	213,298	213,298	3,092,821
605	Lake Jackson	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	87,181	87,181	1,264,130
606	Liverpool	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	1,989	1,989	28,842
607	Magnolia	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	11,903	11,903	172,594
608	Meadows Place	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	13,463	13,463	195,211
609	Missouri City	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	196,897	196,897	2,855,005
610	Mont Belvieu	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	568,598	568,598	8,244,667
611	Morgans Point	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	20,275	20,275	293,992
612	Nassau Bay	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	26,643	26,643	386,325
613	Old River Winfree	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	3,634	3,634	52,690
614	Orchard	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	987	987	14,308
615	Oyster Creek	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	51,834	51,834	751,598
616	Pasadena	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	383,636	383,636	5,562,718
617	Pine Island	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	2,485	2,485	36,027
618	Piney Point Village	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	22,702	22,702	329,173
619	Pleak	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	2,941	2,941	42,640
620	Quintana	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	1,465	1,465	21,236
621	Richmond	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	34,910	34,910	506,202
622	Richwood	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	9,560	9,560	138,623
623	Rosenberg	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	122,622	122,622	1,778,019
624	San Felipe	5/1/2023	5/31/2023	5/31/2023	5/31/2023	(15.50)	(15.50)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	30.00	3,259	3,259	47,253

CenterPoint Energy Houston Electric, LLC
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Line	Description	Service Period Start	Service Period End	Midpoint of Service Period	Payment Date	Due Date	Later of Due Date / Payment Date	Payment Amount	Payment (Lead) / Lag Days	Total (Lead) / Lag Days	Weighted Dollar- Days
625	Sandy Point	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	3,571	30.00	14.50	51,782
626	Santa Fe	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	34,029	30.00	14.50	493,424
627	Seabrook	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	33,168	30.00	14.50	480,931
628	Sealy	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	24,821	30.00	14.50	359,909
629	Simonton	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	2,751	30.00	14.50	39,888
630	South Houston	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	35,348	30.00	14.50	512,547
631	Southside	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	8,140	30.00	14.50	118,034
632	Spring Valley	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	15,295	30.00	14.50	221,773
633	Stafford	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	114,359	30.00	14.50	1,658,209
634	Stagecoach	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	2,853	30.00	14.50	41,369
635	Sugar Land	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	338,063	30.00	14.50	4,901,912
636	Surfside Beach	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	5,661	30.00	14.50	82,081
637	Thompsons	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	2,151	30.00	14.50	31,186
638	Tiki Island	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	6,208	30.00	14.50	90,012
639	Tomball	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	59,559	30.00	14.50	863,603
640	Waller	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	10,546	30.00	14.50	152,910
641	Wallis	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	3,324	30.00	14.50	48,203
642	Webster	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	80,352	30.00	14.50	1,165,108
643	West University	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	45,180	30.00	14.50	655,115
644	Weston Lakes	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	9,472	30.00	14.50	137,342
645	Wharton	5/1/2023	5/31/2023	(15.50)	5/1/2023	5/1/2023	5/1/2023	41,706	30.00	14.50	604,735
646	Prairie View	1/1/2023	3/31/2023	(45.00)	5/12/2023	5/15/2023	5/15/2023	1,031	(45.00)	(90.00)	(92,831)
647	Arcola	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	13,637	(45.00)	(90.00)	(1,227,348)
648	Dickinson	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	3,283	(45.00)	(90.00)	(295,461)
649	El Lago	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	15,123	(45.00)	(90.00)	(1,361,053)
650	La Marque	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	10,435	(45.00)	(90.00)	(939,172)
651	Manvel	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	83,369	(45.00)	(90.00)	(7,503,192)
652	Oakridge North	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	12,333	(45.00)	(90.00)	(1,109,975)
653	Pattison	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	8,270	(45.00)	(90.00)	(744,326)
654	Pearland	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	740,893	(45.00)	(90.00)	(66,680,382)
655	Shoreacres	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	8,682	(45.00)	(90.00)	(781,373)
656	Taylor Lake Vill	1/1/2023	3/31/2023	(45.00)	5/15/2023	5/15/2023	5/15/2023	17,838	(45.00)	(90.00)	(1,605,424)
657	Needville	5/1/2023	5/31/2023	(15.50)	5/31/2023	5/1/2023	5/31/2023	7,860	-	(15.50)	(121,825)
658	Bayou Vista	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	5,049	29.00	14.00	70,691
659	Baytown	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	209,326	29.00	14.00	2,930,564
660	Beach City	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	7,942	29.00	14.00	111,188
661	Beasley	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	1,843	29.00	14.00	25,805
662	Bellaire	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	67,149	29.00	14.00	940,084
663	Bonney Village	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	1,207	29.00	14.00	16,899
664	Brazos	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	1,545	29.00	14.00	21,625
665	Brookshire	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	14,993	29.00	14.00	209,903
666	Brookside Village	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	3,393	29.00	14.00	47,501
667	Bunker Hill Village	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	14,925	29.00	14.00	208,946
668	Clear Lake Shores	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	10,027	29.00	14.00	140,381
669	Clute	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	28,696	29.00	14.00	401,744
670	Cove	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	3,708	29.00	14.00	51,906
671	Danbury	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	3,816	29.00	14.00	53,429
672	Deer Park	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	88,416	29.00	14.00	1,237,827

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Line	Description	Service Period		Service Period		Midpoint of		Later of Due		Payment Amount	Payment (Lead) / Lag		Total (Lead) / Lag Days	Weighted Dollar- Days
		Start	End	Start	End	Service Period	Payment Date	Due Date	Date / Payment Date		Days	Days		
673	East Bernard	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6,739	29.00	14.00	14.00	94,343
674	Fairchilds	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	2,255	29.00	14.00	14.00	31,574
675	Freeport	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	43,362	29.00	14.00	14.00	607,072
676	Friendswood	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	11,521	29.00	14.00	14.00	161,298
677	Fulshear	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	55,789	29.00	14.00	14.00	781,039
678	Galena Park	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	52,229	29.00	14.00	14.00	731,207
679	Galveston	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	253,980	29.00	14.00	14.00	3,553,719
680	Hedwig	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	21,406	29.00	14.00	14.00	299,685
681	Hilcrest Village	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	1,817	29.00	14.00	14.00	25,441
682	Hilshire Village	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	2,970	29.00	14.00	14.00	41,579
683	Hitchcock	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	18,445	29.00	14.00	14.00	258,226
684	Houston	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	7,882,581	29.00	14.00	14.00	110,356,134
685	Humble	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	83,080	29.00	14.00	14.00	1,163,126
686	Hunter Creek Village	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	20,387	29.00	14.00	14.00	285,424
687	Jacinto City	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	34,168	29.00	14.00	14.00	478,347
688	Jamaica Beach	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	5,432	29.00	14.00	14.00	76,044
689	Jersey Village	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	29,044	29.00	14.00	14.00	406,619
690	Jones Creek	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	4,634	29.00	14.00	14.00	64,874
691	Katy	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	88,012	29.00	14.00	14.00	1,232,168
692	Kemah	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	11,858	29.00	14.00	14.00	166,012
693	Kendleton	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	1,754	29.00	14.00	14.00	24,557
694	La Porte	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	213,298	29.00	14.00	14.00	2,986,172
695	Lake Jackson	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	87,181	29.00	14.00	14.00	1,220,540
696	Liverpool	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	1,989	29.00	14.00	14.00	27,848
697	Magnolia	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	11,903	29.00	14.00	14.00	166,642
698	Meadows Place	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	13,463	29.00	14.00	14.00	188,479
699	Missouri City	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	196,897	29.00	14.00	14.00	2,756,557
700	Mont Belvieu	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	568,598	29.00	14.00	14.00	7,960,368
701	Morgans Point	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	20,275	29.00	14.00	14.00	283,855
702	Nassau Bay	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	26,643	29.00	14.00	14.00	373,003
703	Old River Winfree	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	3,634	29.00	14.00	14.00	50,873
704	Orchard	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	987	29.00	14.00	14.00	13,815
705	Oyster Creek	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	51,834	29.00	14.00	14.00	725,681
706	Pasadena	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	383,636	29.00	14.00	14.00	5,370,900
707	Pine Island	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	2,485	29.00	14.00	14.00	34,784
708	Piney Point Village	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	22,702	29.00	14.00	14.00	317,822
709	Pleak	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	2,941	29.00	14.00	14.00	41,169
710	Quintana	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	1,465	29.00	14.00	14.00	20,504
711	Richmond	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	34,910	29.00	14.00	14.00	488,747
712	Richwood	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	9,560	29.00	14.00	14.00	133,843
713	Rosenberg	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	122,622	29.00	14.00	14.00	1,716,708
714	San Felipe	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	3,259	29.00	14.00	14.00	45,624
715	Sandy Point	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	3,571	29.00	14.00	14.00	49,997
716	Santa Fe	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	34,029	29.00	14.00	14.00	476,409
717	Seabrook	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	33,168	29.00	14.00	14.00	464,347
718	Sealy	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	24,821	29.00	14.00	14.00	347,498
719	Simonton	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	2,751	29.00	14.00	14.00	38,513
720	South Houston	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6/1/2023	6/1/2023	35,348	29.00	14.00	14.00	494,873

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721	Southside	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	8,140	29.00	14.00	113,964
722	Spring Valley	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	15,295	29.00	14.00	214,126
723	Stafford	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	114,359	29.00	14.00	1,601,029
724	Slagcoach	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	2,853	29.00	14.00	39,943
725	Sugar Land	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	338,063	29.00	14.00	4,732,880
726	Surfside Beach	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	5,661	29.00	14.00	79,251
727	Thompson's	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	2,151	29.00	14.00	30,111
728	Tiki Island	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	6,208	29.00	14.00	86,908
729	Tomball	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	59,559	29.00	14.00	833,824
730	Waller	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	10,546	29.00	14.00	147,637
731	Wallis	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	3,324	29.00	14.00	46,540
732	Webster	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	80,352	29.00	14.00	1,124,932
733	West University	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	45,180	29.00	14.00	632,524
734	Weston Lakes	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	9,472	29.00	14.00	132,606
735	Wharton	6/1/2023	6/30/2023	(15.00)	6/1/2023	6/1/2023	6/1/2023	41,706	29.00	14.00	583,882
736	Needville	6/1/2023	6/30/2023	(15.00)	7/1/2023	7/1/2023	7/1/2023	7,860	(1.00)	(16.00)	(125,755)
737	Bayou Vista	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	5,275	30.00	14.50	76,486
738	Baytown	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	225,637	30.00	14.50	3,271,731
739	Beach City	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	8,362	30.00	14.50	121,248
740	Beasley	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	2,189	30.00	14.50	31,747
741	Bellaire	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	67,207	30.00	14.50	974,497
742	Bonney Village	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	1,207	30.00	14.50	17,503
743	Brazos	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	1,654	30.00	14.50	23,977
744	Brookshire	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	15,854	30.00	14.50	229,886
745	Brookside Village	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	3,727	30.00	14.50	54,048
746	Bunker Hill Village	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	14,832	30.00	14.50	215,066
747	Clear Lake Shores	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	10,017	30.00	14.50	145,250
748	Clute	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	31,556	30.00	14.50	457,561
749	Cove	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	4,389	30.00	14.50	63,642
750	Danbury	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	4,022	30.00	14.50	58,321
751	Deer Park	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	92,667	30.00	14.50	1,343,668
752	East Bernard	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	7,173	30.00	14.50	104,013
753	Fairchilds	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	2,370	30.00	14.50	34,364
754	Freeport	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	47,224	30.00	14.50	684,743
755	Friendswood	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	11,834	30.00	14.50	171,596
756	Fulshear	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	61,329	30.00	14.50	889,277
757	Galena Park	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	56,139	30.00	14.50	814,018
758	Galveston	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	254,046	30.00	14.50	3,683,669
759	Hedwig	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	22,445	30.00	14.50	325,457
760	Hilcrest Village	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	1,820	30.00	14.50	26,396
761	Hilshire Village	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	3,011	30.00	14.50	43,653
762	Hitchcock	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	20,335	30.00	14.50	294,851
763	Houston	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	8,113,575	30.00	14.50	117,646,838
764	Humble	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	88,938	30.00	14.50	1,289,606
765	Hunter Creek Village	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	20,383	30.00	14.50	295,555
766	Jacinto City	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	34,129	30.00	14.50	494,871
767	Jamaica Beach	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	5,863	30.00	14.50	85,006
768	Jersey Village	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	29,051	30.00	14.50	421,244

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769	Jones Creek	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	4,634	30.00	14.50	67,191
770	Katy	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	97,181	30.00	14.50	1,409,127
771	Kemah	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	12,167	30.00	14.50	176,423
772	Kendleton	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	2,127	30.00	14.50	30,844
773	La Porte	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	236,935	30.00	14.50	3,435,552
774	Lake Jackson	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	91,797	30.00	14.50	1,331,053
775	Liverpool	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	2,131	30.00	14.50	30,893
776	Magnolia	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	15,094	30.00	14.50	218,870
777	Meadows Place	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	13,440	30.00	14.50	194,879
778	Missouri City	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	196,897	30.00	14.50	2,855,005
779	Mont Belvieu	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	638,205	30.00	14.50	9,253,972
780	Morgans Point	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	20,229	30.00	14.50	293,328
781	Nassau Bay	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	26,644	30.00	14.50	386,332
782	Needville	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	8,376	30.00	14.50	121,449
783	Old River Winfree	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	3,852	30.00	14.50	55,850
784	Orchard	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	1,047	30.00	14.50	15,175
785	Oyster Creek	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	60,156	30.00	14.50	872,265
786	Pasadena	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	414,306	30.00	14.50	6,007,439
787	Pine Island	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	2,485	30.00	14.50	36,027
788	Piney Point Village	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	22,702	30.00	14.50	329,178
789	Pleak	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	3,303	30.00	14.50	47,888
790	Quintana	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	1,466	30.00	14.50	21,253
791	Richmond	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	34,909	30.00	14.50	506,185
792	Richwood	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	10,715	30.00	14.50	155,371
793	San Felipe	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	3,502	30.00	14.50	50,780
794	Sandy Point	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	3,571	30.00	14.50	51,782
795	Santa Fe	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	36,675	30.00	14.50	531,783
796	Seabrook	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	34,889	30.00	14.50	505,894
797	Sealy	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	24,772	30.00	14.50	359,192
798	Simonton	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	3,081	30.00	14.50	44,678
799	South Houston	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	35,502	30.00	14.50	514,774
800	Southside	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	8,151	30.00	14.50	118,192
801	Spring Valley	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	17,343	30.00	14.50	251,468
802	Stafford	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	114,304	30.00	14.50	1,657,414
803	Stagecoach	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	2,847	30.00	14.50	41,279
804	Sugar Land	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	358,467	30.00	14.50	5,197,768
805	Surfside Beach	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	6,185	30.00	14.50	89,680
806	Thompsons	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	2,111	30.00	14.50	30,611
807	Tiki Island	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	6,521	30.00	14.50	94,556
808	Tomball	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	64,730	30.00	14.50	938,591
809	Waller	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	11,654	30.00	14.50	168,988
810	Wallis	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	3,640	30.00	14.50	52,773
811	Webster	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	87,912	30.00	14.50	1,274,719
812	West University	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	45,160	30.00	14.50	654,814
813	Weston Lakes	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	10,560	30.00	14.50	153,121
814	Wharton	7/1/2023	7/31/2023	(15.50)	7/1/2023	7/1/2023	7/1/2023	41,672	30.00	14.50	604,248
815	Prairie View	4/1/2023	6/30/2023	(45.50)	8/1/2023	8/14/2023	8/14/2023	759	(45.00)	(90.50)	(68,690)
816	Arcola	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	12,088	(45.00)	(90.50)	(1,093,950)

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Local Franchise Taxes

Line	Description	Service Period Start	Service Period End	Midpoint of Service Period	Payment Date	Due Date	Later of Due Date / Payment Date	Payment Amount	Payment (Lead) / Lag Days	Total (Lead) / Lag Days	Weighted Dollar- Days
817	Dickinson	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	3,736	(45.00)	(90.50)	(338,088)
818	El Lago	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	17,303	(45.00)	(90.50)	(1,565,914)
819	La Marque	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	13,832	(45.00)	(90.50)	(1,251,830)
820	Manvel	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	94,914	(45.00)	(90.50)	(8,589,722)
821	Oakridge North	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	14,558	(45.00)	(90.50)	(1,317,537)
822	Pattison	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	8,605	(45.00)	(90.50)	(778,737)
823	Pearland	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	908,451	(45.00)	(90.50)	(82,214,806)
824	Shoreacres	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	10,707	(45.00)	(90.50)	(968,951)
825	Taylor Lake Vill	4/1/2023	6/30/2023	(45.50)	8/14/2023	8/14/2023	8/14/2023	21,868	(45.00)	(90.50)	(1,979,097)
826	Rosenberg	7/1/2023	7/31/2023	(15.50)	7/14/2023	7/14/2023	7/14/2023	111,837	17.00	1.50	167,756
827	Bayou Vista	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	5,275	30.00	14.50	76,486
828	Baytown	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	225,637	30.00	14.50	3,271,731
829	Beach City	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	8,362	30.00	14.50	121,248
830	Beasley	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	2,189	30.00	14.50	31,747
831	Bellaire	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	67,207	30.00	14.50	974,497
832	Bonney Village	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	1,207	30.00	14.50	17,503
833	Brazos	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	1,654	30.00	14.50	23,977
834	Brookshire	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	15,854	30.00	14.50	229,886
835	Brookside Village	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	3,727	30.00	14.50	54,048
836	Bunker Hill Village	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	14,832	30.00	14.50	215,066
837	Clear Lake Shores	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	10,017	30.00	14.50	145,250
838	Clute	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	31,556	30.00	14.50	457,561
839	Cove	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	4,389	30.00	14.50	63,642
840	Danbury	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	4,022	30.00	14.50	58,321
841	Deer Park	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	92,667	30.00	14.50	1,343,668
842	East Bernard	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	7,173	30.00	14.50	104,013
843	Fairchilds	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	2,370	30.00	14.50	34,364
844	Freeport	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	47,224	30.00	14.50	684,743
845	Friendswood	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	11,834	30.00	14.50	171,596
846	Fulshear	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	61,329	30.00	14.50	889,277
847	Galena Park	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	56,139	30.00	14.50	814,018
848	Galveston	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	254,046	30.00	14.50	3,683,669
849	Hedwig	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	22,445	30.00	14.50	325,457
850	Hilcrest Village	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	1,820	30.00	14.50	26,396
851	Hilshire Village	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	3,011	30.00	14.50	43,653
852	Hitchcock	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	20,335	30.00	14.50	294,851
853	Houston	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	8,113,575	30.00	14.50	117,646,838
854	Humble	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	88,938	30.00	14.50	1,289,606
855	Hunter Creek Village	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	20,383	30.00	14.50	295,555
856	Jacinto City	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	34,129	30.00	14.50	494,871
857	Jamaica Beach	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	5,863	30.00	14.50	85,006
858	Jersey Village	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	29,051	30.00	14.50	421,244
859	Jones Creek	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	4,634	30.00	14.50	67,191
860	Katy	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	97,181	30.00	14.50	1,409,127
861	Kemah	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	12,167	30.00	14.50	176,423
862	Kendleton	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	2,127	30.00	14.50	30,844
863	La Porte	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	236,935	30.00	14.50	3,435,552
864	Lake Jackson	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8/1/2023	91,797	30.00	14.50	1,331,053

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Line	Description	Service Period		Midpoint of Service Period	Later of Due Date / Payment Date		Payment Amount	Payment (Lead) / Lag Days		Total (Lead) / Lag Days	Weighted Dollar Days
		Start	End		Due Date	Date		Days	Days		
865	Liverpool	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	2,131	30.00	14.50	30,893	
866	Magnolia	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	15,094	30.00	14.50	218,870	
867	Meadows Place	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	13,440	30.00	14.50	194,879	
868	Missouri City	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	196,897	30.00	14.50	2,855,005	
869	Mont Belvieu	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	638,205	30.00	14.50	9,253,972	
870	Morgans Point	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	20,229	30.00	14.50	293,328	
871	Nassau Bay	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	26,644	30.00	14.50	386,332	
872	Needville	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8,376	30.00	14.50	121,449	
873	Old River Winfree	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	3,852	30.00	14.50	55,850	
874	Orchard	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	1,047	30.00	14.50	15,175	
875	Oyster Creek	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	60,156	30.00	14.50	872,265	
876	Pasadena	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	414,306	30.00	14.50	6,007,439	
877	Pine Island	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	2,485	30.00	14.50	36,027	
878	Piney Point Village	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	22,702	30.00	14.50	329,178	
879	Pleak	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	3,303	30.00	14.50	47,888	
880	Quintana	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	1,466	30.00	14.50	21,253	
881	Richmond	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	34,909	30.00	14.50	506,185	
882	Richwood	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	10,715	30.00	14.50	155,371	
883	San Felipe	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	3,502	30.00	14.50	50,780	
884	Sandy Point	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	3,571	30.00	14.50	51,782	
885	Santa Fe	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	36,675	30.00	14.50	531,783	
886	Seabrook	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	34,889	30.00	14.50	505,894	
887	Sealy	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	24,772	30.00	14.50	359,192	
888	Simonton	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	3,081	30.00	14.50	44,678	
889	South Houston	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	35,502	30.00	14.50	514,774	
890	Southside	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	8,151	30.00	14.50	118,192	
891	Spring Valley	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	17,343	30.00	14.50	251,468	
892	Stafford	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	114,304	30.00	14.50	1,657,414	
893	Stagecoach	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	2,847	30.00	14.50	41,279	
894	Sugar Land	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	358,467	30.00	14.50	5,197,768	
895	Surfside Beach	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	6,185	30.00	14.50	89,680	
896	Thompsons	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	2,111	30.00	14.50	30,611	
897	Tiki Island	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	6,521	30.00	14.50	94,556	
898	Tomball	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	64,730	30.00	14.50	938,591	
899	Waller	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	11,654	30.00	14.50	168,988	
900	Wallis	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	3,640	30.00	14.50	52,773	
901	Webster	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	87,912	30.00	14.50	1,274,719	
902	West University	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	45,160	30.00	14.50	654,814	
903	Weston Lakes	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	10,560	30.00	14.50	153,121	
904	Wharton	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	41,672	30.00	14.50	604,248	
905	Rosenberg	8/1/2023	8/31/2023	(15.50)	8/1/2023	8/1/2023	111,837	15.00	(0.50)	(55,919)	
906	Bayou Vista	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	5,275	29.00	14.00	73,849	
907	Baytown	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	225,637	29.00	14.00	3,158,912	
908	Beach City	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	8,362	29.00	14.00	117,067	
909	Beasley	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	2,189	29.00	14.00	30,652	
910	Bellaire	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	67,207	29.00	14.00	940,893	
911	Bonney Village	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	1,207	29.00	14.00	16,899	
912	Brazos	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	1,654	29.00	14.00	23,150	

CenterPoint Energy Houston Electric, LLC
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Line	Description	Service Period Start	Service Period End	Midpoint of Service Period	Payment Date	Due Date	Later of Due Date / Payment Date	Payment Amount	Payment (Lead) / Lag Days	Total (Lead) / Lag Days	Weighted Dollar- Days
913	Brookshire	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	15,854	29.00	14.00	221,959
914	Brookside Village	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	3,727	29.00	14.00	52,185
915	Bunker Hill Village	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	14,832	29.00	14.00	207,650
916	Clear Lake Shores	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	10,017	29.00	14.00	140,242
917	Clute	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	31,556	29.00	14.00	441,783
918	Cove	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	4,389	29.00	14.00	61,447
919	Danbury	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	4,022	29.00	14.00	56,310
920	Deer Park	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	92,667	29.00	14.00	1,297,335
921	East Bernard	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	7,173	29.00	14.00	100,426
922	Fairchilds	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	2,370	29.00	14.00	33,179
923	Freeport	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	47,224	29.00	14.00	661,131
924	Friendswood	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	11,834	29.00	14.00	165,679
925	Fulshear	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	61,329	29.00	14.00	858,612
926	Galena Park	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	56,139	29.00	14.00	785,948
927	Galveston	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	254,046	29.00	14.00	3,556,646
928	Hedwig	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	22,445	29.00	14.00	314,235
929	Hilcrest Village	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	1,820	29.00	14.00	25,486
930	Hilshire Village	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	3,011	29.00	14.00	42,148
931	Hitchcock	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	20,335	29.00	14.00	284,684
932	Houston	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	8,113,575	29.00	14.00	113,590,051
933	Humble	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	28,938	29.00	14.00	1,245,137
934	Hunter Creek Village	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	20,383	29.00	14.00	285,364
935	Jacinto City	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	34,129	29.00	14.00	477,807
936	Jamaica Beach	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	5,863	29.00	14.00	82,075
937	Jersey Village	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	29,051	29.00	14.00	406,719
938	Jones Creek	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	4,634	29.00	14.00	64,874
939	Katy	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	97,181	29.00	14.00	1,360,536
940	Kemah	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	12,167	29.00	14.00	170,339
941	Kendleton	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	2,127	29.00	14.00	29,781
942	La Porte	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	236,935	29.00	14.00	3,317,085
943	Lake Jackson	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	91,797	29.00	14.00	1,285,154
944	Liverpool	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	2,131	29.00	14.00	29,828
945	Magnolia	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	15,094	29.00	14.00	211,322
946	Meadows Place	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	13,440	29.00	14.00	188,159
947	Missouri City	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	196,897	29.00	14.00	2,756,557
948	Mont Belvieu	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	638,205	29.00	14.00	8,934,869
949	Morgans Point	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	20,229	29.00	14.00	283,213
950	Nassau Bay	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	26,644	29.00	14.00	373,011
951	Needville	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	8,376	29.00	14.00	117,261
952	Old River Winfree	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	3,852	29.00	14.00	53,924
953	Orchard	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	1,047	29.00	14.00	14,652
954	Oyster Creek	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	60,156	29.00	14.00	842,187
955	Pasadena	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	414,306	29.00	14.00	5,800,286
956	Pine Island	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	2,485	29.00	14.00	34,784
957	Piney Point Village	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	22,702	29.00	14.00	317,827
958	Pleak	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	3,303	29.00	14.00	46,237
959	Quintana	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	1,466	29.00	14.00	20,520
960	Richmond	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	34,909	29.00	14.00	488,730

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961	Richwood	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	10,715	29.00	14.00	150,013
962	San Felipe	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	3,502	29.00	14.00	49,029
963	Sandy Point	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	3,571	29.00	14.00	49,997
964	Santa Fe	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	36,675	29.00	14.00	513,446
965	Seabrook	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	34,889	29.00	14.00	488,450
966	Sealy	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	24,772	29.00	14.00	346,806
967	Simonton	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	3,081	29.00	14.00	43,137
968	South Houston	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	35,502	29.00	14.00	497,023
969	Southside	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	8,151	29.00	14.00	114,117
970	Spring Valley	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	17,343	29.00	14.00	242,796
971	Stafford	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	114,304	29.00	14.00	1,600,261
972	Stagecoach	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	2,847	29.00	14.00	39,856
973	Sugar Land	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	358,467	29.00	14.00	5,018,535
974	Surfside Beach	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	6,185	29.00	14.00	86,587
975	Thompsons	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	2,111	29.00	14.00	29,555
976	Tiki Island	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	6,521	29.00	14.00	91,296
977	Tomball	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	64,730	29.00	14.00	906,226
978	Waller	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	11,654	29.00	14.00	163,161
979	Wallis	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	3,640	29.00	14.00	50,953
980	Webster	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	87,912	29.00	14.00	1,230,764
981	West University	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	45,160	29.00	14.00	632,235
982	Weston Lakes	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	10,560	29.00	14.00	147,841
983	Wharton	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	41,672	29.00	14.00	583,412
984	Rosenberg	9/1/2023	9/30/2023	(15.00)	9/1/2023	9/1/2023	9/1/2023	111,837	15.00	-	-
985	Arcola	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	18,631	(46.00)	(92.00)	(1,714,081)
986	Dickinson	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	6,534	(46.00)	(92.00)	(601,099)
987	El Lago	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	31,820	(46.00)	(92.00)	(2,927,464)
988	La Marque	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	20,091	(46.00)	(92.00)	(1,848,355)
989	Manvel	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	145,706	(46.00)	(92.00)	(13,404,991)
990	Oakridge North	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	23,482	(46.00)	(92.00)	(2,160,353)
991	Pattison	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	12,902	(46.00)	(92.00)	(1,187,005)
992	Pearland	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	1,393,483	(46.00)	(92.00)	(128,200,460)
993	Shoreacres	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	19,876	(46.00)	(92.00)	(1,828,637)
994	Taylor Lake Vill	7/1/2023	9/30/2023	(46.00)	11/15/2023	11/14/2023	11/15/2023	44,545	(46.00)	(92.00)	(4,098,119)
995	Prairie View	7/1/2023	9/30/2023	(46.00)	11/14/2023	11/14/2023	11/14/2023	1,441	(45.00)	(91.00)	(131,093)
996	Total							\$ 147,618,140		10.17	\$ 1,501,947,292

CenterPoint Energy Houston Electric, LLC
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Line	Community	Service Period Start	Service Period End	Midpoint of Service Period	Payment Date	Encashment Date	Due Date	Later of Encashment Date or Due Date	Payment	Payment (Lead) / Lag Days	Check Float	Total (Lead) / Lag Days	Weighted Dollar- Days
1	TX22-HarrisCnty	1/1/2022	12/31/2022	(182.50)	01/10/2023	1/12/2023	1/31/2023	1/31/2023	\$ 50,019,825	(10.00)	(21.00)	(213.50)	\$ (10,679,232.531)
2	TX22 FT BEND	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/19/2023	1/31/2023	1/31/2023	9,402,200	(11.00)	(20.00)	(213.50)	(2,007,369.709)
3	TX22 BRAZORIA	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/20/2023	1/31/2023	1/31/2023	7,125,571	(11.00)	(20.00)	(213.50)	(1,521,309.505)
4	TX22 GCCISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/25/2023	1/31/2023	1/31/2023	5,167,554	(11.00)	(20.00)	(213.50)	(1,103,272.802)
5	TX22 PASADNAISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/20/2023	1/31/2023	1/31/2023	4,169,327	(11.00)	(20.00)	(213.50)	(890,151.417)
6	TX22 CYFAIR ISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/25/2023	1/31/2023	1/31/2023	4,098,348	(11.00)	(20.00)	(213.50)	(874,997.362)
7	TX22 GALVESTON	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/26/2023	1/31/2023	1/31/2023	2,960,738	(11.00)	(20.00)	(213.50)	(632,117.495)
8	TX22 SPR BR ISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/23/2023	1/31/2023	1/31/2023	2,519,339	(11.00)	(20.00)	(213.50)	(537,878.913)
9	TX22 Aldine ISD	1/1/2022	12/31/2022	(182.50)	01/10/2023	1/12/2023	1/31/2023	1/31/2023	2,218,288	(10.00)	(21.00)	(213.50)	(473,604.578)
10	TX22 ALIEF ISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/23/2023	1/31/2023	1/31/2023	1,579,696	(11.00)	(20.00)	(213.50)	(337,265.019)
11	TX22 MONTGOMERY	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/23/2023	1/31/2023	1/31/2023	1,562,747	(11.00)	(20.00)	(213.50)	(333,646.489)
12	TX22 CLRGREK ISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/23/2023	1/31/2023	1/31/2023	1,446,860	(11.00)	(20.00)	(213.50)	(308,904.629)
13	TX22 HUMBLE ISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/23/2023	1/31/2023	1/31/2023	1,445,634	(11.00)	(20.00)	(213.50)	(308,642.825)
14	TX22 SPRING ISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/23/2023	1/31/2023	1/31/2023	1,229,839	(11.00)	(20.00)	(213.50)	(262,570.601)
15	TX22 WHARTON	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/23/2023	1/31/2023	1/31/2023	1,196,544	(11.00)	(20.00)	(213.50)	(255,462.127)
16	TX22 GRIMES CAD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/24/2023	1/31/2023	1/31/2023	1,157,293	(11.00)	(20.00)	(213.50)	(247,082.060)
17	TX22-HarrisSupp	1/1/2022	12/31/2022	(182.50)	02/02/2023	2/6/2023	1/31/2023	2/6/2023	980,162	(33.00)	(4.00)	(219.50)	(215,145.546)
18	TX22 MATA GORDA	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/24/2023	1/31/2023	1/31/2023	865,589	(11.00)	(20.00)	(213.50)	(184,803.259)
19	TX22 TOMBALL ISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/23/2023	1/31/2023	1/31/2023	777,793	(11.00)	(20.00)	(213.50)	(166,058.887)
20	TX22 WALLER ISD	1/1/2022	12/31/2022	(182.50)	01/11/2023	1/23/2023	1/31/2023	1/31/2023	653,742	(11.00)	(20.00)	(213.50)	(139,573.927)
21	All Other Communities	1/1/2022	12/31/2022	(182.50)	N/A	N/A	N/A	N/A	11,921,469	N/A	N/A	(255.95)	(3,051,275.927)
22	Total								\$ 112,498,559			(218.05)	\$ (24,530,365.655)

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Average Daily Bank Balances

Day	October	November	December	January	February	March	April	May	June	July	August	September	Average Bank Balance
1	\$ 2,709,534	\$ 2,930,556	\$ 3,201,455	\$ 222,156	\$ 2,308,112	\$ 1,527,364	\$ 3,009,108	\$ 2,922,855	\$ 1,718,749	\$ 1,882,489	\$ 1,781,127	\$ 3,643,659	
2	2,709,534	2,648,935	2,127,369	222,156	2,405,840	2,318,317	3,009,108	1,202,739	2,121,590	1,882,489	1,832,697	3,643,659	
3	4,298,557	4,000,666	2,127,369	14,141,583	1,971,908	2,223,316	3,608,912	1,638,049	2,121,590	3,794,936	1,832,697	3,643,659	
4	2,776,449	1,183,019	2,127,369	2,268,525	1,971,908	2,223,316	3,104,709	3,131,402	2,121,590	3,794,936	1,825,440	3,643,659	
5	1,907,249	1,183,019	4,213,667	2,529,668	1,971,908	2,223,316	1,015,052	2,300,029	2,642,188	2,588,625	1,825,440	9,299,311	
6	2,928,908	1,183,019	2,026,009	1,779,995	2,827,369	3,668,905	42,998,054	2,300,029	1,667,171	1,485,565	1,825,440	2,968,895	
7	3,453,960	6,723,332	1,882,686	1,779,995	2,090,610	1,697,747	133,843	2,300,029	3,594,176	1,238,193	4,098,560	2,231,067	
8	3,360,766	2,722,931	3,360,766	1,779,995	1,656,317	2,110,301	133,843	3,700,588	450,907	1,238,193	4,200,543	1,557,115	
9	3,453,960	2,599,890	2,191,459	4,558,070	3,159,431	3,928,129	133,843	881,817	2,088,439	1,238,193	1,355,920	1,557,115	
10	3,453,960	4,273,004	2,191,459	2,870,566	2,555,549	706,541	6,569,934	4,147,497	2,088,439	3,054,849	2,982,537	1,557,115	
11	22,487,186	4,273,004	2,191,459	2,415,253	2,555,549	706,541	1,434,160	3,712,949	2,088,439	3,139,673	1,559,518	4,773,226	
12	(3,884,665)	4,273,004	3,972,399	1,825,023	2,555,549	706,541	1,305,276	1,803,487	3,240,423	924,810	1,559,518	1,927,779	
13	7,082,859	4,273,004	3,298,974	1,680,013	5,397,138	4,877,572	2,478,505	1,803,487	1,753,250	2,931,569	1,559,518	2,271,041	
14	4,668,234	9,881,927	1,884,186	1,680,013	2,509,760	2,693,966	2,181,018	1,803,487	2,314,645	1,742,753	4,651,907	3,707,665	
15	4,668,234	2,945,101	3,392,266	1,680,013	2,232,069	2,529,725	2,181,018	2,437,600	2,650,164	1,742,753	2,873,420	4,601,174	
16	4,668,234	3,096,493	725,977	1,680,013	4,111,612	2,912,491	2,181,018	2,274,603	1,036,542	1,742,753	1,879,989	4,601,174	
17	6,287,653	2,853,294	725,977	6,159,145	2,149,966	1,907,255	4,196,374	5,906,510	1,036,542	4,703,553	9,864,396	4,601,174	
18	2,453,513	2,085,588	725,977	3,415,920	2,149,966	1,907,255	1,754,812	1,426,694	1,036,542	1,638,052	2,934,703	4,442,122	
19	1,967,052	2,085,588	3,634,095	3,233,458	2,149,966	1,907,255	4,725,112	24,923,500	1,036,542	1,030,403	2,934,703	640,076	
20	3,348,215	2,085,588	1,722,937	4,478,574	2,149,966	4,325,539	2,195,819	24,923,500	4,199,837	2,012,104	2,934,703	1,831,623	
21	3,237,731	5,356,085	898,320	4,478,574	5,034,668	11,384,007	904,610	24,923,500	1,668,734	1,339,842	4,856,910	2,836,518	
22	3,237,731	2,009,238	2,469,440	4,478,574	2,154,379	2,812,384	904,610	2,453,850	1,961,091	1,339,842	2,443,587	1,408,704	
23	3,237,731	3,749,349	4,615,147	2,754,371	2,202,384	2,874,110	904,610	744,638	1,171,690	1,339,842	2,915,519	1,408,704	
24	4,766,007	3,749,349	4,615,147	115,795	2,972,657	1,762,915	2,791,488	1,378,826	1,171,690	4,175,969	3,304,701	1,408,704	
25	1,517,709	11,601,487	4,615,147	1,629,867	2,972,657	1,762,915	2,090,307	1,696,654	1,171,690	1,244,908	1,723,597	16,016,188	
26	2,801,880	11,601,487	4,615,147	2,603,937	2,972,657	1,762,915	1,200,757	1,516,292	2,111,999	1,131,997	1,723,597	1,033,432	
27	4,367,563	11,601,487	8,939,446	501,590	4,154,678	3,968,116	34,902,925	1,516,292	822,740	1,411,697	1,723,597	1,104,616	
28	3,209,433	9,344,053	268,400,175	501,590	2,354,660	2,354,660	28,286,656	1,516,292	1,151,802	1,151,986	2,976,007	3,587,411	
29	3,209,433	2,299,183	2,521,111	501,590	1,108,902	1,229,814	28,286,656	1,516,292	2,152,988	1,151,986	2,426,267	2,775,583	
30	3,209,433	2,011,037	222,156	2,277,759	-	2,430,265	28,286,656	6,116,431	1,882,489	1,151,986	1,398,425	2,775,583	
31	5,298,406	-	222,156	2,194,104	-	3,009,108	-	1,295,451	-	4,600,018	2,930,375	-	
32	Total												\$ 4,147,041

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Working Funds

Line	Description	Amount	Reference
1	FICA Withholding	\$ (213,516)	WP I-1
2	Federal Income Tax Withholding	(393,369)	WP I-2
3	Use Taxes	(7,591,820)	WP I-3
4	Total	\$ (8,198,705)	

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Prepaid Amortization

Line	Description	Amount	Reference
1	Insurance		WP J
2	Prepay - Other	\$ (18,714,932)	WP J
3	Total	\$ (7,980,086)	
		<u>(26,695,017)</u>	

CenterPoint Energy Houston Electric, LLC
Lead-Lag Study For The Twelve Month Period Ending Sept 30, 2023
Transportation Depreciation

Line	Description	Amount
1	Oper Supv & Eng	\$ 489,129
2	LoadDispatch-Reliability	83
3	LdDspch-Mntr&OpTransSyst	2,708
4	LdDspch-TransSrv&Sched	157
5	Schd,SystCntrl&DspchSrv	973
6	Station Exp	94,574
7	Overhead Line Exp	275,625
8	Misc Transmission Ex	504,361
9	Maint of Structures	137,810
10	Maint of Sta Equip	420,181
11	Maint of Ovrd Lines	643,124
12	Maint of Misc Trans	3,832
13	Oper Supv & Eng	1,013,263
14	Load Dispatching	2,403
15	Station Exp	342,638
16	Ovrd Line Exp	907,526
17	Undrgr Line Exp	1,097,412
18	St Light & Signal Ex	2,799
19	Meter Exp	1,376,456
20	Cust Installat Exp	255,004
21	Misc Distrib Exp	597,058
22	Maint Supv & Eng	105,116
23	Maint of Structures	16,140
24	Maint of Sta Equip	482,615
25	Maint of Ovrd Lines	2,186,733
26	Maint of Undrg Lines	454,099
27	Maint St Lite & Sig	127,317
28	Maint of Misc Distr	52
29	Meter Reading Exp	285
30	Cust Records & Colle	286,511
31	Supervision	139
32	Cust Assistance Exp	24,607
33	Info & Instruc Adv	2,255
34	Admin & Gen Salaries	5,911
35	Injuries & Damages	260,470
36	Misc General Exps	106,473
37	Total	\$ 12,225,837

The following files are not convertible:

vFinal.xlsx	Houston Electric Lead-Lag Study
	WP (A) - Billing Lag.xlsx
	WP (A-1) - Billed Revenues.xlsx
	WP (A-3) - Daily Receivables.xlsx
	WP (B-1) - Vacation Pay.xlsx
	WP (B-1, B-2, B-3) - Payroll
Expenses.xlsx	
	WP (B-5) - Electric Transmission
Expense.xlsx	
	WP (B-5) - Electric Transmission
Revenue.xlsx	
	WP (B-5) - Income Statement.xlsx
	WP (B-6) - Other O&M Sample.xlsx
	WP (B-7) - Benefits Expense
Amounts.xlsx	
	WP (B-7) - Benefits.xlsx
	WP (B-7) - Savings Expense.xlsx
	WP (B-8) - Intercompany Expenses.xlsx
	WP (D-1, I-1, I-2) - FICA and FIT.xlsx
	WP (D-2, D-3) - FUTA and SUTA.xlsx
	WP (F) - Local Franchise Tax.XLSX
	WP (G) - Ad Valorem Taxes.xlsx
	WP (H) - Average Daily Bank
Balances.xlsx	
	WP (I-3) - Use Taxes.xlsx
	WP (J) - Prepaid Insurance.XLSX
	WP (J) - Prepaid Other.xlsx
	WP (K) - Transportation
Depreciation.xlsx	

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.