Chapter 6: Company Specific Items	Sheet No. 6.5 Page 2 of 5		
CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area	CNP 8019		
B. Rate Case Expenses Surcharge	See Rider RCE		
C. Energy Efficiency Cost Recovery Factor	See Rider EECRF		
D. Distribution Cost Recovery Factor	See Rider DCRF		
E. Unprotected Excess Deferred Income Tax	See Rider UEDIT		

# TERMS OF SERVICE

# DETERMINATION OF BILLING DEMAND FOR TRANSMISSION SYSTEM CHARGES AND DISTRIBUTION SYSTEM CHARGES

<u>Determination of NCP kVA</u>. The NCP kVA applicable under the Monthly Rate section shall be the kVA supplied during the 15 minute period of maximum use during the billing month.

Determination Of 4 CP kVA. The 4 CP kVA applicable under the Monthly Rate section shall be the average of the Retail Customer's integrated 15 minute demands at the time of the monthly ERCOT system 15-minute peak demand for the months of June, July, August and September of the previous calendar year. The Retail Customer's average 4CP demand will be updated effective with the February billing month of each year and remain fixed for a year. Retail Customer's previous metered usage under this or any other rate schedule will be used, as needed, in determining the billing determinants under the Monthly Rate section. Retail Customers without previous history on which to determine their 4 CP kVA will be billed based on estimated 4 CP kVA in accordance with the following procedures:

- (a) Retail Customers having IDR data for fewer than 4 CP kVA, but at least 2 CP kVA, will be billed based on the average of the actual CP kVA, so long as the CP kVA are representative of the Retail Customer's expected load, as derived from engineering estimates. If the CP kVA are not representative of the expected load, the estimated 4 CP kVA will be set based on mutual agreement between the Retail Customer and the Company.
  - (b) Retail Customers that do not have at least 2 CP kVA will be billed by estimating the Retail Customer's 4 CP kVA demand by applying a class coincidence factor to the Retail Customer's NCP kVA, using the formula:

Estimated 4 CP kVA = (NCP kVA \* TCCF)



Effective: 04/23/20

Chapter 6: Company Specific Items	
CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area	

CNP 8019

Where:

NCP kVA is the highest 15-minute integrated demand of an individual Retail Customer served at transmission voltage during the month; and

TCCF is the transmission class coincidence factor for the months June, July, August, and September calculated from the Company's most recent general rate case proceeding using the following formula:

TCCF = $\sum$  Class CP<sub>1</sub> kVA for June, July, August, September = 0.784009

 $\Sigma$  Class NCP kVA for June, July, August, September

Where:

Class CP kVA is the transmission voltage rate class' 15-minute demand at the time of the ERCOT CP and Class NCP kVA is the transmission voltage class' maximum 15-minute demand during a month.

#### **OTHER PROVISIONS**

Revision N

Type of Service. The standard Delivery Service under this Rate Schedule will be threephase, 60 hertz, at the Company's standard Transmission Voltage levels described in Section 6.2.2 of this Tariff and in the Service Standards.

Metering Equipment. Delivery Service under this Rate Schedule will be metered using Company's Standard Meter provided for this type of Delivery Service. Any other metering option(s) requested by Retail Customer will be provided at an additional charge and/or will be provided by a Meter Owner other than the Company pursuant to Applicable Legal Authorities. The Company may install remote metering equipment to obtain information with which to determine the amount of the monthly bill. Retail Customer may have metering instruments installed to check the service supplied under this Rate Schedule in accordance with the provisions of the Tariff.

Construction Services. Where Construction Services are required to initiate Delivery Service under this Rate Schedule, additional charges and special contract arrangements may be required prior to Delivery Service being furnished, pursuant to the Company's Construction Services Policy in Section 6.1.2.2 of this Tariff.

Retail Customer Responsibilities. The Retail Customer shall own, operate, and maintain all facilities (except Company owned Billing Meter) necessary to receive three-phase, 60 hertz alternating current service at 60,000 volts or higher. Each Retail Customer served at Transmission Voltage shall comply with Company's operating requirements for transmission customers.

		PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	
umber:	16 <sup>th</sup>	D O	
		APR 2 3 2020 C 4 9 4 2 1	

Effective: 04/23/20 100 CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

Chapter 6: Company Specific Items

Sheet No. 6.5 Page 4 of 5

CNP 8019

<u>Sub-Metering</u>. The Electric Power and Energy delivered under this Rate Schedule may not be re-metered or sub-metered by the Retail Customer for resale or sharing except pursuant to lawful sub-metering regulations of Applicable Legal Authorities.

<u>On-Site Generation</u>. If Retail Customer taking Delivery Service under this Rate Schedule has on-site electric generating capacity installed, additional contract arrangements may be required pursuant to section 5 of the Company's Construction Services Policy in Section 6.1.2.2 of this Tariff if less than 10 MW or pursuant to ERCOT guidelines and procedures if 10 MW or greater.

<u>Municipal Account Franchise Credit</u>. A credit equal to the amount of franchise fees included in the Transmission and Distribution Charges will be applied to municipal accounts receiving service within the incorporated limits of such municipality which imposes a municipal franchise fee upon the Company based on the kWh delivered within that municipality and who have signed an appropriate Franchise Agreement.

Adjustment To The Charges Applied To Retail Customer's Demand Measurement. If data to determine the Retail Customer's *Demand Measurement* becomes no longer available, the Company will determine a *Conversion Factor* which will be used as an adjustment to all per unit charges that will then be applied to the *New Demand Measurement*. *Demand Measurement* shall include the Billing kVA, the 4 CP kVA, NCP kVA or any other demand measurement required for billing under this rate schedule or any applicable rider(s) or any other applicable schedule(s). *New Demand Measurement* shall be the billing determinants which replace the *Demand Measurement*. The *Conversion Factor* will apply to unit prices per kVA such that when applied to the *New Demand Measurement*, the revenue derived by the Company under demand based charges shall be unaffected by such lack of data.

This adjustment may become necessary because of changes in metering capabilities, such as, meters that record and /or measure kW with no ability to determine kVA or meters which meter data in intervals other than 15 minutes. This adjustment also may become necessary due to changes in rules, laws, procedures other directives which might dictate or recommend that electric power, electric power related transactions, wire charges, nonbypassable charges and/or other transactions measure demand in a way that is inconsistent with the definitions and procedures stated in the Company's Tariff. This adjustment is applicable not only in the instances enumerated above but also for any and all other changes in *Demand Measurement* which would prevent the Company from obtaining the necessary data to determine the kVA quantities defined in this rate schedule, applicable riders and other applicable schedules.

The Conversion Factor shall render the Company revenue neutral to any change in *Demand Measurement* as described above.



101

Chapter 6: Company Specific Items	Sheet No
CenterPoint Energy Houston Electric, LLC	Page 5
Applicable: Entire Service Area	CNP

Metering Adjustment. The Company may at its option measure service on the low voltage side of the Retail Customer's transformers in which event the kVA and kWh recorded by the Billing Meter will be adjusted to compensate for transformer losses on the basis of data furnished by the manufacturer of the Retail Customer's transformers. When the manufacturer is unable to supply the necessary data the adjustment will be based on tests conducted by the Company on the Retail Customer's transformers.

#### NOTICE

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

0.6.5 5 of 5

8019

Sheet No. 6.6 Page 1 of 10

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 8020

# 6.1.1.1.6 LIGHTING SERVICES

(Street Lighting and Miscellaneous Lighting Services)

# STREET LIGHTING SERVICE

# AVAILABILITY

Street lighting service is available to cities, governmental agencies, real estate developers and other groups (herein referred to as Retail Customers) requesting the installation of Companyowned and maintained street lighting systems along public streets, roadways or other public access areas in accordance with Section 6.1.2.2, Construction Services, in this Tariff. Street lighting service is not applicable to privately-owned street lighting systems. Privately-owned street lighting systems may be eligible for Delivery Service under the Company's applicable rate schedule for Secondary or Primary Service.

### **TYPE OF SERVICE**

Street lighting service consists of the installation of Company-owned street lights, fixtures, luminaires and lamps (collectively, Lamps) and (if requested by Retail Customer) ornamental standards along public streets, roadways or other public access areas in accordance with section 6 of the Company's Construction Services Policy in Section 6.1.2.2 of this Tariff, as well as the delivery of Electric Power and Energy at Company's standard Secondary Distribution Voltages to, and the maintenance and replacement of, such installations pursuant to the rates set forth in this Rate Schedule. If ornamental standards are not requested by Retail Customer, the Lamp installations will be mounted on the Company's existing distribution poles, if available, and served by overhead conductors.

Street lighting service will be provided at various voltages as determined by the Company. Delivery Service under this Rate Schedule is an Unmetered Service. Company will install, own and maintain the street lighting service installations provided hereunder. Company's street lighting service is built to NESC standards. At the request of Customer and at Company's discretion, Company may build to other standards, with Customer being responsible for any difference in cost. All street Lamps, including LED Lamps, will burn out and/or dim over time, and therefore the lumens delivered by a street Lamp will vary over time and will vary from Lamp to Lamp. Company will replace burned out street Lamps, and/or make maintenance repairs during regular working hours, at its own cost and expense and will generally have the lighting service restored within 72 hours after notification by the Retail Customer, but with no adjustment of payments hereunder due to outage or varying levels of lumens. Street Lamps furnished hereunder shall operate under normal conditions from approximately thirty minutes after sunset to approximately thirty minutes before sunrise every night in the year and the assumed total time of operations will be approximately four thousand (4,000) hours each year for each light furnished.

Revision Number: 20th

PUBLIC UTILITY COMMISSION OF TEXAS

Effective: 04/23/20 103

Chapter 6: Company Specific Items	Sheet No. 6.6 Page 2 of 10
CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area	CNP 8020

# MONTHLY RATE

#### I. Transmission and Distribution Charges

The monthly charges listed in the table below cover the provision of Delivery Service to street lighting systems requested by Retail Customer and installed by Company pursuant to this Rate Schedule, including the maintenance but excluding the installation of those systems. Charges for the installation of street lighting systems are governed by the Construction Services Policy in Section 6.1.2.2 of this Tariff.

In addition to the following monthly charges per Lamp, an additional \$0.89 per month will be charged for each Lamp with a break-away base if requested by Retail Customer and installed by Company.

Lamp T	vpe	Schedule	Schedule	Schedule	Schedule	Schedule	Monthly
Initial Lumen	Watt (Bulb Only)	A*	B*	C*	D*	E*	К₩Н
Mercury Vapor							
22,600 Lumen	400	\$3.94	\$16.37	N.A.	\$11.46	\$10.19	150
7.800 Lumen	175	\$3.46	N.A.	N.A.	\$10.98	N.A.	69
4,200 Lumen	100	\$3.48	\$15.97	N.A.	\$11.00	NA.	41
High Pressure So	dium Vapor						
50,000 Lumen	400	\$3.91	\$16.35	N.A.	\$11.43	\$10.16	160
28,000 Lumen	250	\$3.80	\$16.23	\$8.94	\$11.32	\$10.05	106
15,000 Lumen	150	\$3.69	\$16.13	\$8.83	\$11.21	\$9.94	58
9,500 Lumen	100	\$3.67	\$16.08	N.A.	\$11.19	\$9.93	38
6.000 Lumen	70	\$3.64	\$16.08	N.A.	\$11.16	N.A.	29
Metal Halide				L	1 <u></u> ,	I	1
32,200 Lumen	400	\$4.94	N.A.	NA.	\$17.25	\$14.11	159
19,475 Lumen	250	\$9.14	N.A.	N.A	\$16.50	\$13.34	96
12,900 Lumen	175	\$7.22	N.A.	N.A.	\$14.67	\$12.52	70
7,900 Lumen	100	\$6.63	N.A.	N.A.	\$14.08	\$11.93	40
Light Emitting D	iode (LED)						
15,100 Lumen	180	\$4.57	N.A.	N.A.	\$6.05	\$22.19	64
10,850 Lumen	115	\$4.20	\$16.66	\$19.23	\$11.74	\$10.73	38
7,900 Lumen	95	\$3.86	\$16.31	\$9.27	\$11.39	\$10.38	32
4,800 Lumen	45	\$3.47	\$15.93	N.A.	\$11.01	\$10.00	17
2,000 Lumen	20	\$3.47	N.A.	N.A.	\$11.01	N.A.	8

APR 2.3.2020 K 4 9 4 2 1

Effective: 04/23/20 104

4

Sheet No. 6.6 Page 3 of 10

CenterPoint Energy Houston Electric, LLC
Applicable: Entire Service Area

CNP 8020

#### **\* DESCRIPTION OF LIGHTING CONFIGURATIONS**

<ul> <li>Schedule A -one or more Lamps mounted on existing distribution poles and served by overhead conductors.</li> <li>Schedule B -single Lamp mounted on ornamental standard and served by overhead conductors. Limited to existing installations.</li> <li>Schedule C -twin Lamps mounted on ornamental standard and served by overhead conductors. Limited to existing installations.</li> <li>Schedule D -single Lamp mounted on ornamental standard and served by underground conductors, or decorative residential streetlights.</li> <li>Schedule E -twin Lamps mounted on ornamental standard and served by underground conductors.</li> </ul>				
II. Tran	sition Charge:		nedules TC2, TC3, nd TC5	
III. Nucl Chai	ear Decommissioning rge:	See Ric	ler NDC	
IV. Tran Fac	smission Cost Recovery tor:	See Ric	der TCRF	
V. Othe	r Charges or Credits:			
	nicipal Account Franchise Credit e application and explanation below)	(\$0.001597)	per kWh	
B. Ra	te Case Expenses Surcharge		See Rider RCE	
C. En	ergy Efficiency Cost Recovery Factor		See Rider EECRF	
	cumulated Deferred Federal ome Tax Credit		See Rider ADFIT	
E. Dis	tribution Cost Recovery Factor		See Rider DCRF	
	protected Excess Deferred ome Tax		See Rider UEDIT	

#### **OTHER PROVISIONS**

Municipal Account Franchise Credit. A credit equal to the amount of franchise fees included in the Transmission and Distribution Charges will be applied to municipal accounts receiving service within the incorporated limits of such municipality which imposes a municipal franchise fee upon the Company based on the kWh within that municipality and who have signed an appropriate Franchise Agreement.

Revision Number: 20 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS	Effective: 04/23/20
Revision Number, 20	APR 2.3 2020 $\stackrel{\text{D}}{\ltimes}$ 4 9 4 2 1	105

Chapter 6: Company Specific Items	Sheet No. 6.6 Page 4 of 10
CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area	CNP 8020

LED Street Lamp Lumen Levels. By choosing an LED street lighting option, Retail Customer (1) acknowledges that there will be variances in lumen levels and energy consumption between individual LED Lamps and between an LED Lamp and the applicable lumen and watt levels for the Lamp set forth in the table above, and (2) agrees to not hold Company liable for any variations in LED Lamp performance.

The Initial Lumen and Watt levels shown in the table above for LED street lights reflect a target average lumen output and a target average wattage level and may not be representative of any particular LED Lamp.

The Monthly KWH level shown in the table above for LED street Lamps reflects a target average KWH level and may not be representative of any particular LED luminaire.

# MISCELLANEOUS LIGHTING SERVICE

### AVAILABILITY

Miscellaneous Lighting Service is available in areas designated by Company with suitable locations, where permission for installation has been granted by all affected parties, and where facilities of adequate capacity and suitable voltage are adjacent to the lighting fixture(s) to be served. All new fixtures installed by Company for the provision of Miscellaneous Lighting Service must be purchased from a third-party vendor and owned by the Retail Customer or the Retail Customer's REP ("Customer Owned Installation" or "Customer Owned Fixture"). All Customer Owned Fixtures must be approved by Company prior to installation and must conform to one of the lamp types described in the table below, except that metal halide and mercury vapor fixtures will no longer be approved by Company for installation as Customer Owned Fixtures. Existing Company owned fixtures will continue to be owned by the Company ("Company Owned Installation" or "Company Owned Fixture"). Miscellaneous Lighting Service consists of the delivery of electric power and energy to, and the installation and maintenance of lighting fixtures, as described herein. Retail Customer's electric power and energy must be provided by the Retail Customer's REP in accordance with Applicable Legal Authorities and the Company's Tariff.

### **TYPE OF SERVICE**

Miscellaneous Lighting Service is provided as an Unmetered Service at Company's standard secondary distribution voltages to Customer Owned and Company Owned Fixtures which operate automatically every night from dusk to dawn. The Company will install, make electrical connection(s), and maintain the lighting fixture(s), whether Customer Owned or Company Owned.

Charges for services shall commence on the date that the electrical connection is made.



Effective: 04/23/20 106

Chapter 6: Company Specific Items	Sheet No. 6.6 Page 5 of 10
CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area	CNP 8020

#### **MONTHLY RATE**

#### I. **Transmission and Distribution Charges**

In addition to the installation charges described below for Customer Owned Fixtures, the following monthly charges apply to Miscellaneous Lighting Service.

- Only the T&D Charge below is applicable to Customer Owned Installations. Α.
- B. The T&D Charge and the Fixture Charge below are applicable to Company Owned Installations. In addition to the T&D Charge and the Fixture Charge for each lamp type in the table below, an additional charge of \$2.16 per month is charged for a span of secondary which was installed exclusively for Miscellaneous Lighting Service and Retail Customer did not reimburse Company for construction cost (applies only to installations existing as of 1-1-2002).

TYPE OF LAMP	T&D <u>CHARGE</u>	LUMEN <u>RATING</u>	TOTAL <u>WATTAGE</u>	FIXTURE CHARGE <sup>1</sup>	MONTHLY <u>KWH</u>
Floodlighting/Directional Lighting					
High Pressure Sodium (150 watts)	\$3.39	15,000	185	\$3.76	
High Pressure Sodium (250 watts)	\$4 12	28,000	315	\$4.49	
High Pressure Sodium (400 watts)	\$3 69	50,000	475	\$4.06	
High Pressure Sodium (1,000 watts)	\$6.94	140,000	1,100	N.A.	
Light Emitting Diode (LED)					
Light Emitting Diode (40 watts)	\$3.39	4,800	40	\$3.76	14
LED Alternative For 150W High Pressure Sodium					
Light Emitting Diode (70 watts)	\$4.12	7,900	70	\$4.49	24
LED Alternative For 250W High Pressure Sodium					
Light Emitting Diode (100 watts)	\$3.69	11,300	100	\$4 06	33
LED Alternative For 400W High Pressure Sodium					
Light Emitting Diode (175 watts)	\$6.94	15,100	175	N.A.	58
LED Alternative For 1,000W High Pressure Sodium					
Sodium					

Revision Number: 20<sup>th</sup>

49421

APR 2.3 2020

Effective: 04/23/20 107

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

# CNP 8020

TYPE OF LAMP	T&D <u>CHARGE</u>	LUMEN RATING	TOTAL <u>WATTAGE</u>	FIXTURE <u>CHARGE</u> 1	MONTHLY <u>KWH</u>
Metal Halide					
Metal Halide (175w) (no new installations)	\$9.24	12,900	210	N/A	70
Metal Halide (250w) (no new installations)	\$17.08	19,475	294	N/A	98
Metal Halide (400 w) (no new installations)	\$6.96	32,200	476	N/A	159
Metal Halide (1.000w) (no new installations)	\$13.44	104,500	1,100	N/A	367
Roadway/General Lighting					
High Pressure Sodium (150 watts)	\$2 30	15.000	185	\$2.42	61
Light Emitting Diode (95 watts)	\$2.30	7,900	95	\$2.42	32
LED Alternative For 150W High Pressure Sodium					
Guard Lighting					
High Pressure Sodium (100 watts)	\$2.29	9,500	120	\$2.42	40
Light Emitting Diode (40 watts)	\$2.29	4,800	40	\$2.42	14
LED Alternative For 100W High Pressure Sodium					
	\$2.29	4,800	40	\$2.42	

<sup>1</sup> Applies only to Company Owned Fixtures that are Company-owned and installed prior to September 1, 2000

II.	Transition Charge:	See Schedule SRC, and TC	es TC2, TC3, C5
III.	Nuclear Decommissioning Charge:	See Rider N	DC
IV.	Transmission Cost Recovery Factor:	See Rider T	CRF
V.	<ul> <li>Other Charges or Credits:</li> <li>A. Municipal Account Franchise Credit (see application and explanation below)</li> <li>B. Rate Case Expenses Surcharge</li> <li>C. Energy Efficiency Cost Recovery Factor</li> </ul>	(\$0.002372)	per kWh See Rider RCE See Rider EECRF
Revision 1	Number: 20 <sup>th</sup> APPROVED APR 2 3 2020 K 4 9	of texa <b>s</b> 4 <b>2 1</b>	Effective: 04/23/20 108

Chapter 6: Company Specific Items	Sheet No. 6.6 Page 7 of 10
CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area	CNP 8020
D. Accumulated Deferred Federal Income Tax Credit	See Rider ADFIT
E. Distribution Cost Recovery Factor	See Rider DCRF
F. Unprotected Excess Deferred Income Tax	See Rider UEDIT

# **OTHER PROVISIONS**

<u>Municipal Account Franchise Credit</u>. A credit equal to the amount of franchise fees included in the Transmission and Distribution Charges will be applied to municipal accounts receiving service within the incorporated limits of such municipality which imposes a municipal franchise fee upon the Company based on the kWh within that municipality and who have signed an appropriate Franchise Agreement.

<u>Acceptable Lamp Types for Installation</u>. For Miscellaneous Lighting Service, the Company no longer installs Customer Owned Fixtures that use mercury vapor or metal halide lighting. Only Customer Owned Fixtures using high pressure sodium or LED lighting are accepted by Company for installation. Existing mercury vapor and metal halide installations (whether Customer Owned Installations or Company Owned Installations) will be converted to the appropriate high pressure sodium or LED equivalent from time to time during the normal course of maintenance when individual lamps burn out. Mercury vapor Guard Lighting installations with 7,800 lumen lamps will be converted to 9,500 lumen high pressure sodium, at no up-front cost to the Retail Customer.

<u>LED Lumen Levels</u>. By choosing an LED miscellaneous lighting option, Retail Customer (1) acknowledges that there will be variances in lumen levels and energy consumption between individual LED lamps and between the an LED Lamp and the applicable lumen and watt levels for the other lamp types set forth in the table above, and (2) agrees to not hold Company liable for any variations in LED Lamp performance.

### INSTALLATION AND MAINTENANCE FOR CUSTOMER OWNED FIXTURES

Company will install and maintain the lighting fixture(s) served hereunder. For all Miscellaneous Lighting fixture installations except Guard Lighting fixtures, the Company will provide for each fixture the bulb and the photoelectric relay at the time of installation. Company will replace burned out lamps and make other maintenance repairs during Company's regular working hours at Company's expense, but with no adjustment of payments hereunder due to outage. Maintenance includes replacement of burned-out lamps (bulbs) and malfunctioning photoelectric relays. Damages due to vandalism, storms, accidents or manufacturing defects are not included under

Revision Number: 20 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED
	APR 2 3 2020 E 4 9 4 2 1

Effective: 04/23/20 109 Chapter 6: Company Specific ItemsSheet No. 6.6<br/>Page 8 of 10CenterPoint Energy Houston Electric, LLC<br/>Applicable: Entire Service AreaCNP 8020

maintenance. Generally, Company will make maintenance repairs under this tariff within 72 hours after notification by the Retail Customer or REP.

The Retail Customer will be charged a one-time fee per lighting fixture to cover the Company's standard installation as detailed below. Standard installation consists of installing the lighting fixture on an existing wooden distribution pole and connecting service supplied from an existing or new overhead secondary conductor on the pole as detailed below. Standard installations are made during normal Company business hours. The charges below include both the labor to install and eventually remove fixtures. Any additional construction and/or cost required to provide service will be at the Retail Customer's expense, for an additional charge. Any additional facilities so required will be owned, installed and maintained by the Company.

Retail Customer or REP must purchase/provide all lighting fixtures. Only un-metered lighting fixtures meeting Company Service Standards and specifications will be allowed under this tariff. The Retail Customer or REP will own the lighting fixture.

Revision Number: 20th

Sheet No. 6.6 Page 9 of 10

### CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 8020

CUSTOMER OWNED FIXTURES STANDARD INSTALLATION FEES	One Light per Pole	Two Lights per Pole	Three Lights per Pole
Flood Light High Pressure Sodium			
Installations without secondary			
		0250	
<u>150w, 250w, 400w</u> 1000w	\$325	\$350	\$405
Installations with 150 feet of secondary	\$370	\$450	\$550
	6425	£450	<b><b><b></b></b></b>
150w, 250w, 400w	\$425	\$450	\$505
1000w	\$470	\$550	\$655
Light Emitting Diode			
Installations without secondary			
40w, 100w, 180w	\$325	\$350	\$405
	\$370	\$450	\$550
Installations with 150 feet of secondary			
40w. 100w, 180w	\$425	\$450	\$505
	\$470	\$550	\$655
Guard Light			
Installations without secondary			
100w HPS	\$325	N/A	N/A
Installations with secondary			
100w HPS	\$365	N/A	N/A
Installations without secondary	· · · · ·		
100w LED	\$325	N/A	N/A
Installations with secondary	\$525	14/71	19/28
100w LED	\$365	N/A	N/A
Roadway Light			
Installations without secondary		1	
150w HPS	\$335	N/A	N/A
Installations with secondary			
150w HPS	\$375	N/A	N/A
Turate Hating a with and a second second		+	
Installations without secondary			
95w LED Installations with secondary	\$335	N/A	N/A
150w HPS 95w LED		NI/A	N/A
I SUW FIPS YOW LED	\$375	<u>N/A</u>	IN/A

#### INSTALLATION AND MAINTENANCE FOR COMPANY OWNED FIXTURES

Company Owned Fixtures were installed by the Company before September 1, 2000. Company will replace burned out lamps and make other maintenance repairs during Company's regular working hours at Company's expense, but with no adjustment of payments hereunder due to outage. Maintenance includes replacement of burned-out lamps (bulbs) and malfunctioning photoelectric relays, and damages due to vandalism, storms, accidents or manufacturing defects.

PUBLIC UTILITY CO APF	OMM PROV	
APR 2 3 2020	DOCKE	4942 <b>1</b>

Revision Number: 20<sup>th</sup>

Effective: 04/23/20 111

Chapter 6: Company Specific Items	Sheet No. 6.6 Page 10 of 10
CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area	CNP 8020

Generally, Company will make maintenance repairs under this tariff within 72 hours after notification by the Retail Customer or REP.

#### EXTRAORDINARY MAINTENANCE ACTIVITIES

For Customer Owned Fixtures, Company will charge Retail Customer an additional fee as detailed below for each occurrence of the extraordinary maintenance activities listed hereunder.

	CUSTOMER OWNED FIXTURES EXTRAORDINARY MAINTENANCE FEE		
	ACTIVITY	FEE	
(1)	Replace a vandalized shield (parts and labor)	\$125.00	
(2)	Make adjustments to the fixture (labor only)	\$125.00	
(3)	Replace a fixture (labor only)	\$125.00	
(4)	Relocate a fixture (labor only)	As Calculated	

#### NOTICE

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

.

Effective: 04/23/20 112

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

6.1.1.2 SCHEDULE TC

# 6.1.1.2.2 SCHEDULE TC2 - TRANSITION CHARGES

### **SECTION 1: APPLICABILITY**

This schedule sets out the rates and terms and conditions under which Transition Charges will be billed and collected by CenterPoint Energy Houston Electric, LLC (Company), any successor servicer(s) and any retail electric providers (REP) or collection agents billing or collecting Transition Charges on behalf of CenterPoint Energy Transition Bond Company II, LLC (SPE). The Transition Charges were authorized by the Financing Order approved by the Public Utility Commission of Texas (Commission) in Docket No. 30485 on March 16, 2005 (Financing Order). Pursuant to terms of the Financing Order and the requirements of Section 39.301 et seq. of the Texas Utilities Code, all of the Company's rights under the Financing Order, including the right to bill and collect Transition Charges and to adjust Transition Charges pursuant to this Schedule TC2, were transferred to the SPE in connection with the issuance of transition bonds. The rights transferred to the SPE are "transition property" of the SPE (as defined in Section 39.304 of the Utilities Code). On the effective date of this Schedule TC2, the Company will act as servicer on behalf of the SPE to bill, collect, receive and adjust Transition Charges imposed pursuant to this Schedule TC2. However, the SPE may select another party to serve as servicer or the Company may resign as servicer in accordance with the terms and subject to the conditions of the Servicing Agreement and the Financing Order. A successor servicer selected under these conditions will assume the obligations of the Company as servicer under this Schedule TC2. As used in this Schedule TC2, the term "Servicer" includes any successor servicer. All actions by the Company under this Schedule TC2, including collection of Transition Charges, will be undertaken solely in its role as servicer under the Servicing Agreement between the Company and the SPE dated as of December 16, 2005.

This schedule is applicable to:

- 1. Retail customers located within the certificated service area of Reliant Energy HL&P (HL&P) as such service area existed on May 1, 1999 who receive electric transmission and/or distribution service through a REP served by the Company and to the facilities, premises and loads of such retail customers;
- 2. Retail customers located within HL&P's certificated service area as it existed on May 1, 1999 who are presently receiving transmission and/or distribution service either directly from another utility, electric cooperative or municipally owned utility (T or D Provider) or through a REP served by another T or D Provider, and whose request to change service to the other T or D Provider was made after May 1, 1999;

Revision Number: 14<sup>th</sup>

PUBLIC UTILITY COMMISSION OF TEXAS APPROVED APR 2.3 2020 C K E 4 9 4 2 1 E

Effective: 7/11/19 113

CNP 828

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

- 3. Retail customers located within HL&P's certificated service area as it existed on May 1, 1999 and who are served by New On-Site Generation. New On-Site Generation means "New On-Site Generation" as defined in Section 25.345(c)(1) of the Commission's Substantive Rules.
- 4. REPs that serve retail customers located within HL&P's certificated service area as it existed on May 1, 1999.
- 5. Any other entity which, under the terms of the Financing Order or the Utilities Code, may be obligated to pay, bill, collect, or adjust the Transition Charges.
- 6. This schedule is applicable to public retail customers located within HL&P's certificated service area as it existed on May 1, 1999 who purchase power from the General Land Office as provided for in the Utilities Code, Section 35.102.

# SECTION 2: CHARACTER OF TRANSITION CHARGES

Transition Charges are non-bypassable charges. All Transition Charges other than those applicable to New On-Site Generation are computed and paid on the basis of individual end-use retail customer consumption or demand. In accordance with Utilities Code Section 39.252(b) and Section 25.345(i)(3) of the Commission's Substantive Rules, the Transition Charges applicable to use of New On-Site Generation that results in a "material reduction" of the customer's use of energy delivered through the Company's transmission and distribution facilities (as defined in Section 25.345(i)(4) of the Commission's Substantive Rules) are computed and paid based on the output of the on-site generation used to meet the internal electric requirements of the customer. Customers with New On-Site Generation will also be required to pay the Transition Charges applicable to energy actually delivered to the Customer through the Company's facilities. Individual end-use retail customers are responsible for paying Transition Charges billed to them in accordance with the terms of this Schedule TC2 whether the charges are billed directly by Servicer or are included in the bills submitted to the customer by a REP or another entity. Payment is to be made to the entity that bills the customer in accordance with the terms of the Servicing Agreement and the Financing Order. The billing entity may be the Company, a successor servicer, a REP or an entity designated to collect Transition Charges in place of the REP.

The Transition Charges are separate charges to be paid in addition to any other applicable charges for services received. Although the Transition Charges are separate charges, they may be included within other charges of the billing entity.

The REP or entity designated to collect Transition Charges in place of the REP will pay Transition Charges (less an allowance for charge-offs calculated pursuant to this Schedule TC2) to Servicer in accordance with the requirements of the Financing Order and this Schedule TC2 whether or not it has collected the Transition Charges from its customers. To the extent that the REP's actual

Revision Number: 14 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED D	Effective: 7/11/19
	APR 2.3 2020 E 4 9 4 2 1	

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

charge-offs differ from the charge-off allowance, adjustments will be made pursuant to this Schedule TC2. The REP will have no right to reimbursement other than as expressly set out in this Schedule TC2.

Servicer will remit collections to the SPE in accordance with the terms of the Servicing Agreement.

### **SECTION 3: TERM**

This Schedule TC2 is effective beginning on the date the transition bonds are issued. Schedule TC2 will remain in effect as provided in the Financing Order until the Transition Charges collected and remitted to the SPE are sufficient to satisfy all obligations of the SPE to pay principal and interest on the transition bonds (as due over the 14 year term of the transition bonds) and to pay all other qualified costs as provided in the Financing Order. However, in no event will the Transition Charges be billed for service provided after 15 years from issuance of the transition bonds, or sooner if the transition bonds are paid in full at an earlier date. This Schedule TC2 is irrevocable.

### SECTION 4: TRANSITION CHARGE CLASSES

Transition Charges are calculated and applied by Transition Charge Class. There are 15 Transition Charge Classes, nine of which are Capped Classes. Each Transition Charge Class is defined in terms of the base rate tariff classes that existed on HL&P's system on September 1, 1999 ("pre-restructuring rate schedules"). The Transition Charge Classes are defined as follows:

**Residential Class:** The Residential Class is made up of (i) every customer that was served under HL&P rate schedule RS or RTD on the day before the customer discontinued taking service from HL&P under a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under pre-restructuring rate schedules would have qualified for service under HL&P's rate schedules RS or RTD.

**MGS Class:** The MGS Class is made up of (i) every customer that was served under HL&P rate schedule MGS on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under a pre-restructuring rate schedule would have qualified for service under HL&P's rate schedule MGS and whose demand is estimated by the Company to be less than 400 kVa. This class includes customers served under Rider GLTC. Customers served under rate schedules EIS, HVP and CSB are included in the MGS class if the customer's contract for service from HL&P provided that the MGS rate was the basis for pricing.

**LGS Class:** The LGS Class is made up of (i) every customer that was served under HL&P rate schedule LGS on the day before the customer discontinued taking service from HL&P

	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	
Revision Number: 14 <sup>th</sup>	D O	Effective: 7/11/19 115
	APR 2 3.2020 E 4 9 4 2 1	

Sheet No. 6.7.2 Page 4 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

> on a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under a pre-restructuring rate schedule would have gualified for service under HL&P's rate schedules LGS and whose demand as estimated by the Company, if served at less than 60,000 volts, is 400 kVa or greater; or if served at 60,000 volts or greater, is at least 400 kVa but less than 2,000 kVa. This class includes customers served under Rider SEI. Customers served under rate schedules EIS, HVP and CSB are included in the LGS class if the customer's contract for service from HL&P provided that the LGS rate was the basis for pricing.

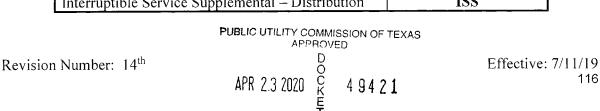
> LOS-A Class: The LOS-A Class is made up of (i) every customer that was served under HL&P rate schedule LOS-A on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under a pre-restructuring rate schedule would have qualified for service under HL&P's rate schedule LOS-A and has a demand as estimated by the Company of 2,000 kVa or greater. Customers served under rate schedules EIS and HVP are included in the LOS-A class if the customer's contract for service from HL&P provided that the LOS-A rate was the basis for pricing.

> LOS-B Class: The LOS-B Class is made up of every customer that was served under HL&P rate schedule LOS-B on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule. Customers that were not served by HL&P under any pre-restructuring rate schedule may not be included in this class.

> Non-Metered Lighting Class: The Non-Metered Lighting Class is made up of (i) every customer that was served under HL&P rate schedules SPL, MLS or MTA on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule. and (ii) each new customer which was not served by HL&P under any pre-restructuring rate schedule, but is taking outdoor lighting services which are provided on an unmetered basis using lighting fixtures controlled by photo-electric devices which would have qualified for service under HL&P's pre-restructuring rate schedules SPL, MLS and MTA.

In addition to the six Transition Charge Classes described above, there will be nine additional Transition Charge Classes, each of which is a capped class ("Capped Classes"). Each of the Capped Classes will be made up solely of customers that actually received service from HL&P during the 12-month period ended April 30, 1999 under the HL&P rate schedule related to the class and any SIP customers with a contract effective date after April 30, 1999 and before January 1, 2002. The nine Capped Classes, and the related rate schedule, are as follows:

Capped Class	Related Rate Schedule
Standby Electric Service – Distribution	SES
Interruptible Service Supplemental – Distribution	ISS



**CNP 828** 

116

Sheet No. 6.7.2 Page 5 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

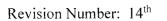
Capped Class	Related Rate Schedule
Interruptible Service – 30 minute notice	IS-30
Interruptible Service – 10 minute notice	IS-10 & SIP
Interruptible Service – Instantaneous	IS-I
Interruptible Service Supplemental – Transmission	ISS
Standby Electric Service – Transmission	SES
Standby Interruptible Service	SBI
Special Contract Pricing	SCP

Each customer in one or more of the nine Capped Classes will be charged the Transition Charges for the applicable class only for service the customer actually receives during the billing period up to the Monthly Cap. The Monthly Cap for each customer will be based on the amount of service the customer received under the related rate schedule during the 12-month period ended April 30, 1999 or for any SIP customer, the Monthly Cap will be based on the customer's average monthly interruptible demand corresponding to the initial MFC under the customer's SIP contract effective after April 30, 1999 and before January 1, 2002, and calculated as follows:

(1) For customers which took stand alone standby service (SBI and/or SES without other service), the Monthly Cap for SBI and SES will be the highest demand under the respective rate, during the 12-month period ended April 30, 1999. If a customer began service under SES and/or SBI after April 30, 1999, the Monthly Cap for such customer's will be the highest demand under rate SES or SBI, as applicable, during the period from April 30, 1999 to January 1, 2002, if the customer provides the Company adequate documentation that (i) the additional load served was on-site load normally served by the customer's on-site generation and (ii) the customer's on-site generation was out of service due to forced outage or maintenance. If the customer does not provide the required documentation, the additional load will be billed using the Transition Charges applicable to the LGS Class for distribution voltage customers or LOS-A Class for transmission voltage customers.

(2) For customers which took SBI and/or SES in combination with other services, the Transition Charge for additional load taken in excess of the Monthly Cap will be the Transition Charge for the LOS-A class restated and applied as a cents per KWh charge if the customer provides the Company adequate documentation that (i) the additional load was lawfully served without use of the Company's transmission and distribution facilities and (ii) the customer's on-site generation was out of service due to forced outage or maintenance. If the customer does not provide the required documentation, the additional load will be billed using the Transition Charges applicable to the LOS-A Class for transmission voltage customers applied on a kW basis.

(3) For any SCP customer that also received service under a non-Capped Class, the SCP rate will have a Monthly Cap based on the amount of service the customer received under the SCP rate schedule during the 12-month period ended April 30, 1999. The



PUBLIC UTILITY COMMISSION OF TEXAS APPROVED APR 2.3.2020 C 4 9 4 2 1

Effective: 7/11/19 117

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

Monthly Cap will be the customer's monthly maximum hourly kW under the SCP rate schedule during the peak hours as defined herein, summed for the 12-month period ended April 30, 1999 and divided by the number of months during which the customer actually consumed power under the SCP rate schedule.

(4) For all other customers in Capped Classes, the Monthly Cap will be the customer's monthly maximum hourly kW under the related rate schedule during the peak hours as defined herein, summed for the 12-month period ended April 30, 1999 or alternate period applicable to any SIP customer and divided by the number of months during which the customer actually consumed power under the rate schedule. For monthly service in excess of the Monthly Cap(s), the charge associated with customer's non-capped Transition Charge Class will apply. If the customer is served at distribution voltage and did not have service associated with one of the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LGS Class for all monthly service in excess of its Monthly Cap. If the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LGS Class for all monthly service associated with one of the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LGS Class for all monthly service in excess of its Monthly Cap. If the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LOS-A Class for all monthly service in excess of its Monthly Cap.

The categories of service historically provided by HL&P ceased to exist after electric business activities were unbundled pursuant to Section 39.051 of the Utilities Code. Similarly, since the advent of customer choice under Section 39.102 of the Utilities Code, retail customers receive service that may not only have different names, but may have different characteristics than the service historically provided by HL&P. The classifications set out in the preceding paragraphs will be applied to determine the Transition Charge applicable to each customer without regard to the descriptions that may be used to describe the services currently provided to retail customers.

### SECTION 5: PERIODIC BILLING REQUIREMENT ALLOCATION FACTORS

The initial Periodic Billing Requirement Allocation Factors ("PBRAF") for each Transition Charge Class are set out below. These initial PBRAFs will remain in effect throughout the life of the transition bonds unless a modification of the factors is made pursuant to the allocation factor adjustment provisions in Section 6 of this Schedule TC2:

TRANSITION CHARGE CLASS	PBRAF
Residential	40.0412%
MGS	29.0309%
LGS	16.1206%
LOS-A	4.7917%
LOS-B	2.7598%

# INITIAL PERIODIC BILLING REQUIREMENT ALLOCATION FACTORS

Revision Number: 14<sup>th</sup>

PUBLIC UTILITY COMMISSION OF TEXAS APPROVED D

49421

APR 2 3 2020

Sheet No. 6.7.2 Page 7 of 30

CenterPoint Energy Houston Electric, LLC
Applicable: Entire Service Area

**CNP 828** 

119

3

TRANSITION CHARGE	PBRAF
CLASS	
Non-Metered Lighting	0.6600%
CAPPED CLASSES	
Standby Electric Service-	0.0323%
Distribution	
Interruptible Service	0.1578%
Supplemental-Distribution	
Interruptible Service – Thirty	1.0392%
Minute Notice	
Interruptible Service – Ten	1.8814%
Minute Notice	
Interruptible Service –	0.2454%
Instantaneous	
Interruptible Service	0.0672%
Supplemental – Transmission	
Standby Electric Service –	0.2383%
Transmission	
Standby Interruptible Service	0.2076%
Special Contract Pricing	2.7266%

# **SECTION 6: ALLOCATION FACTOR ADJUSTMENTS**

The PBRAFs will be subject to adjustment using the procedures in this Section 6. Any adjustment required under this Section 6 will be made effective on the date of an annual Standard True-up Adjustment. Required adjustments will be made in the following order: first, adjustments will be made under Part A; second, adjustments will be made under Part B; and third, adjustments will be made under Part C.

For purposes of determining whether an allocation adjustment is required under Parts B and C of this Section 6 and adjusting PBRAFs pursuant to those Parts, the Transition Charge Classes will be combined into three groups (TC Groups) as follows:

CenterPoint Energy Houston Electric, LLC
Applicable: Entire Service Area

#### CNP 828

TC GROUPS		
TC GROUP	TRANSITION CHARGE CLASSES	INITIAL GROUP ALLOCATION PERCENTAGE
Residential	Residential	40.0412%
Commercial	MGS, LGS, Non-Metered Lighting	45.8115%
Industrial	All other Transition Charge Classes	14.1473%

### Part A: Adjustments Due to Load Loss Qualifying under Utilities Code Section 39.262(k)

The PBRAFs shall be adjusted consistent with the Utilities Code to reflect the loss of loads due to operations of facilities that are "Eligible Generation" as defined in PUC Subst. Rule 25.345 (c) (2) ("Eligible Generation") except that this Part A shall not apply to, and the term "Eligible Generation" shall not include, load loss due to installation and operation of small power production facilities with a rated capacity of 10 megawatts or less. Any adjustments required under this Part A will be calculated as follows:

Step 1 – The Company will determine the amount of service provided during the twelve months ended April 30, 1999 that has been replaced by Eligible Generation (excluding amounts reflected in either the Initial PBRAFs or a prior adjustment under this Part A) and sum the losses by Transition Charge Class.

Step 2 – The Company will recalculate the PBRAFs for all Transition Charge Classes using the spreadsheet and data used to compute the initial PBRAFs but reducing the demand allocation factors for each Transition Charge Class to reflect the cumulative losses for that class as calculated under Step 1 (including losses for which PBRAF adjustments were made in prior years). No other changes to the spreadsheet or data used to compute the initial PBRAFs will be made. Appendix A to this Schedule TC2 contains the spreadsheet and data used to compute the initial PBRAFs.

Step 3 - An Adjusted Group Allocation Percentage for each TC Group shall then be calculated as the sum of the Adjusted PBRAFs (computed under Step 2) for all Transition Charge Classes within the TC Group.

### Part B: Inter-Group Adjustments Due to Cumulative Load Loss Not Attributable to Eligible Generation

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set Transition Charges for each Transition Charge Class during the ensuing year to the billing determinants in effect on the original effective date of

	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	
Revision Number: 14 <sup>th</sup>	APR 2 3 2020	Effective: 7/11/19 120

Sheet No. 6.7.2 Page 9 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

Schedule TC2 (adjusted to exclude any billing determinants attributable to Eligible Generation if any adjustment was made under Part A after the original effective date) (such billing determinants as adjusted are hereafter referred to as the "Base Billing Determinants"). The PBRAFs of all Transition Charge Classes in all TC Groups will be adjusted if one or more TC Groups experience load loss (calculated excluding load loss attributable to Eligible Generation for which adjustments have been made under Part A but including load loss attributable to small power production facilities of 10 megawatts or less) aggregating 50% or more on a cumulative basis when measured against the Base Billing Determinants. The adjustments under this Part B will be made using the following procedures:

Step 1:

For each TC Group, if CTCOL <sub>G</sub> / PBR <sub>G</sub> ≥ 0.50	Then, no PBRAF adjustment will occur and any adjustment made in previous years under Part B shall be reversed
For each TC Group, if CTCOL <sub>G</sub> / PBR <sub>G</sub> < 0.50	Then, a PBRAF adjustment will be calculated pursuant to Steps 2 through 5.

Where:

 $CTCOL_G$  = cumulative test collections for group G =  $\Sigma CC_c^* FBU_c$  for all classes (c) in Group (G)

 $FBU_c$  = forecasted billing determinants for class c

 $CC_c$  = cumulative test charge for class c = {PBRAF\_c\*PBR\_T}/BBD\_c

PBRAF<sub>c</sub>= the PBRAFs then in effect, or if an adjustment has been made under Part A, the adjusted PBRAFs from Part A

PBR<sub>T</sub>= total periodic billing requirement for upcoming period

 $BBD_c$ = Base Billing Determinants for class c  $PBR_G$ = periodic billing requirement for group =  $\Sigma PBRAF_c$ \*  $PBR_T$  for all classes in G

Step 2: For each TC Group in Step 1 where  $CTCOL_G / PBR_G < 0.50$ , a reduction amount (RED<sub>G</sub>) will be calculated for group G where RED<sub>G</sub>= 0.5 (PBR<sub>G</sub> - CTCOL<sub>G</sub>)

> PUBLIC UTILITY COMMISSION OF TEXAS APPROVED D APR 2 3 2020 C 4 9 4 2 1

Revision Number: 14<sup>th</sup>

Effective: 7/11/19 121

Effective: 7/11/19

٠

122

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

#### Step 3:

For all TC Groups, a reallocation amount for that group (RA<sub>G</sub>) shall be calculated where:  $RA_G = GAP_G * \{\Sigma RED_G\} \text{ for all Groups}$ 

Where:

 $GAP_G = Group Allocation Percentage = \Sigma PBRAF_c$  for all classes in the group

# Step 4:

For all TC groups a Group Allocation Percentage Adjustment (GAPA<sub>G</sub>) shall be calculated where:

$$GAPA_G = (RA_G - RED_G) / PBR_T$$

Where:

 $\Sigma \text{ GAPA}_{\text{G}} = 0 \text{ for all } \text{G}$ 

### Step 5:

For all TC classes, the PBRAF adjustment for class c (PBRAFA<sub>c</sub>) will be calculated for use in calculating adjustments to the Transition Charges under Section 8, Part A where

 $PBRAFA_c = GAPA_G * (PBRAF_c/GAP_G)$ 

	OMMI PROM	SSION OF TEXAS
APR 2 3 2020	DOCKET	49421

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

# Part C: Inter-Group Adjustments Due to Year-Over-Year Load Loss Not Attributable to Eligible Generation

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set Transition Charges for each Transition Charge Class during the ensuing year to the forecasted billing determinants used to develop the then currently effective Transition Charges for the class minus the Eligible Generation load loss for the class determined in Step 1 of Part A after the billing determinant for the currently effective Transition Charges was determined (such adjusted amount is hereinafter referred to as the "Prior Year Billing Determinant"). The PBRAFs of all Transition Charge Classes in all TC Groups will be adjusted if (i) one or more TC Groups experience load loss (calculated excluding load loss attributable to Eligible Generation for which adjustments have been made under Part A but including load loss attributable to small power production facilities of 10 megawatts or less) of 10% or greater on a year-over-year basis when compared to the Prior Year Billing Determinants or (ii) any TC Group for which an adjustment was made under this Part C in one or more prior years experiences load growth resulting in projected billing determinants for the current year at a level which, if they had existed in one or more of such prior year(s) would have resulted in no adjustment to PBRAFs in such prior year(s). No reduction in PBRAFs will be made under this Part C for any TC Group for which a reduction amount was computed under Step 5 of Part B. The adjustments under this Part C will be made using the following procedures:

#### Step 1:

If $YTCOL_G / PBR_G \ge 0.90$	Then, no PBRAF adjustment will occur.
If $YTCOL_G / PBR_G > 1.00$	Then, no PBRAF adjustment will occur and any prior year adjustments made under C will be reversed pursuant to step 6.
If $YTCOL_G / PBR_G < 0.90$	Then, a PBRAF adjustment will be calculated pursuant to Steps 2 through 5.

For each TC Group not adjusted under Part B,

	OMMISSION OF TEXAS
APR 232020	D Ск 49421 Е

Sheet No. 6.7.2 Page 12 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

#### CNP 828

#### Where:

 $YTCOL_G =$  year-to-year test collections for group  $G = \Sigma YC_c^* FBU_c$  for all classes (c) in Group (G)

 $FBU_c$  = forecasted billing determinants for class c

 $YC_c$ = year-to-year test charge for class c = {PBRAF\_c\*PBR\_T}/FBU\_c^{-1}

PBRAF<sub>c</sub>= the PBRAFs then in effect, or if an adjustment has been made under Part A, the adjusted PBRAFs from Part A

PBR<sub>T</sub>= total periodic billing requirement for upcoming period

 $FBU_c^{-1}$ =prior year's forecasted billing determinants for class c PBR<sub>G</sub>= periodic billing requirement for group =  $\Sigma$  PBRAF<sub>c</sub>\* PBR<sub>1</sub> for all classes in the group

### Step 2:

For each TC Group in Step 1 where  $YTCOL_G / PBR_G < 0.90$ , a year to year reduction amount (YRED<sub>G</sub>) shall be calculated where

 $YRED_G = 0.9 (PBR_G - YTCOL_G)$ 

Step 3:

For all TC Groups, a year to year reallocation amount (YRA<sub>G</sub>) shall be calculated where:

 $YRA_G = GAP_G * \{\Sigma YRED_G\}$  for all groups

Where:

 $GAP_G = Group Allocation Percentage = \Sigma PBRAF_c$  for all classes in the group

# Step 4:

For all TC groups a year to year group allocation percentage adjustment (YGAPA<sub>G</sub>) shall be calculated where:

$$YGAPA_G = (YRA_G - YRED_G) / PBR_T$$

Where  $\Sigma \text{ GAPA}_{\text{G}} = 0$  for all G

	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED
Revision Number: 14 <sup>th</sup>	APR 2 3 2020 F 4 9 4 2 1

Effective: 7/11/19 124 CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area Sheet No. 6.7.2 Page 13 of 30

CNP 828

#### Step 5:

For all TC classes, a year to year PBRAF adjustment (YPBRAFA<sub>c</sub>) shall be calculated for use in calculating adjustments to the Transition Charges under Section 8, Part A where:

# $YPBRAFA_{c} = YGAPA_{G}^{*}(PBRAF_{c}/GAP_{G})$

Step 6:

if  $\{\Sigma (YC_c * FBU_c)\}/\{\Sigma (YC_c * FBU_c^{t-1})\} \ge .90$  (for all classes in group G) then the adjustment made in year t shall be discontinued.

 $if{\Sigma (YC_c*FBU_c)}/{\Sigma (YC_c*FBU_c^{t-1})} \le .90$  (for all classes in group G) then the adjustment made in year t carries forward.

Where FBU<sub>c</sub><sup>t-1</sup> is the forecasted billing determinants from the year prior to the year an adjustment was made adjusted to reflect any adjustments made under part A between year t-1 and the current year.

PUBLIC UTILITY CC	OMMISSION OF TEXAS PROVED
	D
APR 2 3 2020	č 49421

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

#### Part D: Adjustments to Base Class Allocations

The methodology used to allocate qualified costs and determine Transition Charges shall not be changed except in the limited circumstance described in this paragraph. If, but only if, the total retail stranded costs (determined pursuant to Section 39.253 of the Utilities Code) on a statewide basis exceed \$5 billion, then the qualified costs attributable to the Company's share of the statewide stranded costs in excess of \$5 billion shall be reallocated using the allocation methodology prescribed in Section 39.253(f) of the Utilities Code. The Company's share of the statewide stranded costs in excess of \$5 billion shall be determined by multiplying (i) the percentage obtained by dividing the Company's total stranded costs (determined pursuant to Section 39.253(f)) by the total statewide stranded costs (determined pursuant to Section 39.253(f)) by (ii) the amount by which the total statewide stranded costs (determined pursuant to Section 39.253(f)) exceed \$5 billion. The qualified costs attributable to the Company's share of the statewide stranded costs shall then be determined by multiplying (i) the Company's share of the statewide stranded costs by (ii) the percentage obtained by dividing (a) the Company's stranded costs (determined pursuant to Section 39.253(f)) which were securitized pursuant to the Financing Order dated March 16, 2005 in Docket No. 30485 by (b) the Company's total stranded costs (determined pursuant to Section 39.253(f)). The Company shall file the adjustments required herein, within 45 days after the Commission issues any order determining a utility's stranded costs or regulatory assets that causes the total statewide stranded costs (determined pursuant to Section 39.253(f)) to exceed \$5 billion or changes the amount by which the total statewide stranded costs (determined pursuant to Section 39.253(f)) exceed \$5 billion. Any changes in Transition Charges resulting from a change in the initial or adjusted PBRAFs under this Part D shall be made prospectively from the date of the Commission's order approving adjusted PBRAFs under this Part D. No change in an initial or adjusted PBRAF shall cause the sum of all PBRAFs to be more than or less than 100% or change the total Periodic Billing Requirement for any period. Transition Charges for services rendered prior to such effective date will not be changed. Future changes to the PBRAFs underlying the recomputed Transition Charges, if necessary under Parts A – D of this Section 6 will be computed pursuant to this Section 6 using the initial and adjusted PRBAFs as determined by the Commission pursuant to this Part D.

APR 232020 49421

Revision Number: 14<sup>th</sup>

Sheet No. 6.7.2 Page 15 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

**SECTION 7: TRANSITION CHARGES** 

The Transition Charges to be applied beginning on the effective date of this Schedule TC2 are set out below. Transition Charges to be applied in subsequent periods (Adjusted Transition Charges) will be determined in the manner described in Section 8.

TRANSITION CHARGES			
TRANSITION CHARGE	PER UNIT	BILLING	
CLASS	CHARGE	UNIT	
Residential	\$0.000000	Per kWh	
MGS-T	\$0.000000	Per kW	
MGS-D	\$0.000000	Per kWh	
LGS-D	\$0.000000	Per kVa	
LGS-T	\$0.000000	Per kW	
LOS-A	\$0.000000	Per kW	
LOS-B	\$0.000000	Per kW	
Non-Metered Lighting	\$0.000000	Per kWh	
CAPPED CLASSES:			
Standby Electric Service-	\$0.000000	Per kW	
Distribution			
Interruptible Service	\$0.000000	Per kW	
Supplemental-Distribution			
Interruptible Service – Thirty	\$0.000000	Per kW	
Minute Notice			
Interruptible Service – Ten	\$0.000000	Per kW	
Minute Notice			
Interruptible Service –	\$0.000000	Per kW	
Instantaneous			
Interruptible Service	\$0.000000	Per kW	
Supplemental - Transmission			
Standby Electric Service -	\$0.000000	Per kW	
Transmission			
Standby Interruptible Service	\$0.000000	Per kW	
Special Contract Pricing	\$0.000000	Per kW	

The Transition Charges shall be applied on a kW basis for all service provided at Transmission voltage and for all service provided to Capped Classes and to any LGS customer that also received SES-Distribution service. The kW to be used in calculating the bill for those customers obligated to pay on a kW basis will be the highest kW for the month measured over a one hour period occurring on weekdays (Monday through Friday) during the sixteen hours beginning with and

PUBLIC UTILITY COMMISSION OF TEXAS APPROVED APR 2 3 2020 K 4 9 4 2 1

Effective: 7/11/19 127

CNP 828

Sheet No. 6.7.2 Page 16 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

including the hour that ends at seven (a.m.) (07:00) and extending until the hour that ends at ten p.m. (22:00), local time (central standard or central daylight saving time, as appropriate).

Except for customers in the MGS class, the Transition Charges shall be applied on a kVa basis for all service provided at distribution voltage (other than service at distribution voltage to Capped Classes or to LGS customers that also received SES-Distribution service) and whose kVa is greater than 10 kVa in the billing month. The kVa will be the highest kVa measured over a 15 minute period during the month if the metering equipment has indicators for measuring and recording only the highest demand during the billing period, otherwise if the metering equipment measures and records continuously for all 15 minute periods the kVa will be the average of the 4 highest 15 minute periods measure during the billing period. If the demand meters used to meter service to a customer measure service is on a kW basis instead of a kVa basis or measure in intervals different than 15 minutes (*e.g.* 5, 10, 30 minutes) the transition charge to the customer will be based on the kW with the interval measurement period closest to a 15 minute period.

Transition Charges will be applied on a kWh basis for those customers with watt-hour meters and those customers with demand meters whose measured demand is 10 kVa or less, all Residential customers, all Non-Metered Lighting customers and all MGS customers served at distribution voltage.

Each retail customer shall be obligated to pay Transition Charges for its applicable class. The Transition Charge shall be applied to all service received by the customer during the applicable billing period. If a customer was taking service in more than one rate class through one point of service on April 30,1999, or on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, its Transition Charges shall be determined as follows:

- 1. For customers taking service under two or more rates through a single meter, the following order will be used to determine Transition Charges for the customer:
- (a) If the customer takes service in one or more Capped Classes (other than SCP) through a single meter, the service shall be allocated first to Capped Classes in ascending order of unit Transition Charges beginning with the Capped Class with the lowest unit Transition Charge. All service to the customer, up to the lesser of (i) the highest hourly on-peak kW for total premises load (Total kW) or the Monthly Cap for the class, shall be deemed to be service under the Capped Class with the lowest unit Transition Charge. If the Total kW is greater than the Monthly Cap for the class with lowest unit Transition Charge, the difference up to the Monthly Cap for the Capped Class with the next lowest unit Transition Charge. The remainder will then similarly be allocated to each other Capped Class

	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	
Revision Number: 14 <sup>th</sup>	APR 2 3 2020 E 4 9 4 2 1	

Effective: 7/11/19 128

Sheet No. 6.7.2 Page 17 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

under which the customer is served until the Total kW has been allocated or all applicable Monthly Caps have been reached.

- (b) If the total amount allocated to Capped Classes under (a) is less than the Total kW, the remainder, up to the Monthly Cap for SCP shall be deemed to be service provided under SCP.
- (c) Any amount remaining after the allocations in (a) and (b) will be deemed to be service provided under the Transition Charge Class (other than Capped Classes and SCP) that is applicable to the customer. If the customer is not otherwise taking service under any Transition Charge Class (other than Capped Classes and SCP) the amount remaining after the allocations in (a) and (b) shall be deemed to be service under LOS-A, if the customer is served at transmission voltage, or under LGS, if the customer is served at distribution voltage.

In addition, each customer which has New On-Site Generation shall pay an amount each month computed by multiplying the output of the on-site generation used to serve the internal electric requirements of the customer (either kW or kVa, as determined by the Transition Charge class for which the customer would qualify if it were being served by the Company or an REP) by the Transition Charge in effect for services provided to customers in that class during the month. This amount shall be in addition to any Transition Charges applicable to energy or demand actually delivered to the customer through the Company's or another T&D Provider's facilities.

# SECTION 8: STANDARD TRUE-UP FOR ADJUSTMENT OF TRANSITION CHARGES

Transition Charges will be adjusted annually effective on December 1st to ensure that the expected collection of Transition Charges is adequate to pay principal and interest on the transition bonds when due pursuant to the expected amortization schedule, pay as due all other qualified costs and to fund the overcollateralization account to the required level. In addition to these annual true-up adjustments, true-up adjustments may be made more frequently at any time during the term of the transition bonds to correct any undercollection or overcollection, as provided for in the Financing Order, in order to assure timely payment of transition bonds based on rating agency and bondholder considerations. In addition to the foregoing, either of the following two conditions may result in an interim true-up adjustment in the month prior to an upcoming transition bond principal payment date:

(a) The collection of transition charges for the upcoming payment date will result in a difference that is greater than 5% in absolute value, between (i) the actual outstanding principal balances of the transition bonds plus

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

amounts on deposit in the reserve subaccount and (ii) the outstanding principal balances anticipated in the target amortization schedule; or

(b) To meet a rating agency requirement that any series of transition bonds be paid in full by the expected maturity date for any series of transition bonds that matures after a date determined mutually, at the time of pricing by CenterPoint Houston and the Commission's designated personnel or financial advisor.

In no event will interim true-up adjustments occur more frequently than every three months if quarterly transition bond payments are required or every six months if semi-annual transition bond payments are required; provided, however, that interim true-up adjustments for any transition bonds remaining outstanding during the fourteenth and fifteenth year after the bonds are issued may occur quarterly.

All annual and interim adjustments will be designed to cause (i) the outstanding principal balance of the transition bonds to be equal to the scheduled balance on the expected amortization schedule; (ii) the amount in the overcollateralization subaccount to be equal to the required overcollateralization level; (iii) the amount in the capital subaccount to be equal to the required capital plus any investment earnings on amounts in the capital subaccount to the extent that the investment earnings have not been released to the SPE and (iv) the reserve subaccount to be zero by the payment date immediately preceding the next adjustment or by the final payment date, if the next payment date is the final payment date.

### Part A: TRUE-UP ADJUSTMENT PROCEDURE FOR STANDARD AND INTERIM TRUE-UPS

Servicer will calculate the Adjusted Transition Charges using the methodology described below and will file the Adjusted Transition Charges with the Commission. Annual adjustments will be filed 15 days prior to the effective date of the Adjusted Transition Charges unless an adjustment to the PBRAFs is required under Section 6 (including Intra-Group Allocation Adjustments under Part D of Section 6) in which case the annual adjustment will be filed not later than 90 days prior to the effective date. Interim Adjustments will be filed not less than 15 days prior to the effective date of the Adjusted Transition Charges.

The Adjusted Transition Charge for the upcoming period for each class (TC<sub>c</sub>) shall be computed as follows:

For the residential class,

Revision Number: 14<sup>th</sup>

Ż

 $TC_c = PBR_T * (PBRAF_c + PBRAFA_c + YPBRAFA_c^t) / FBU_c$ 



Effective: 7/11/19 130

Sheet No. 6.7.2 Page 19 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

For classes in the Commercial and Industrial TC Groups, except if any class in the Industrial Group is forecast for the ensuing period to experience more than a 10% reduction in billing determinants compared to the industrial base billing determinants for that class, then the transition charges for the classes within the Industrial TC Group will be determined according to Section 8, Part B:

 $TC_c = TC_c^{-1} \{\Sigma [PBR_T * (PBRAF_c + PBRAFA_c + YPBRAFA_c^{\dagger})] / \Sigma (TC_c^{-1} * FBU_c)\}$ For all classes in the applicable group.

Where

 $TC_c^{-1}$  = the transition charge for that class from the previous period

PBR<sub>T</sub>= Periodic Billing Requirement for the ensuing period (the 12 months beginning on the effective date of the adjusted transition charges in the case of annual true-ups and the period until the next scheduled annual true-up in the case of interim adjustments). The Periodic Billing Requirement will be the amounts required to pay principal and interest on the transition bonds when due pursuant to the expected amortization schedule, pay as due all other qualified costs, fund the overcollateralization account to the required level, and recover any net system under-collections or credit any net system over-collections so that (i) the outstanding principal balance of the transition bonds will be equal to the scheduled balance on the expected amortization schedule; (ii) the amount in the overcollateralization subaccount will be equal to the required overcollateralization level; (iii) the amount in the capital subaccount will be equal to the required capital plus any investment earnings on amounts in the capital subaccount to the extent that the investment earnings have not been released to the SPE and (iv) the reserve subaccount will be zero by the payment date immediately preceding the next adjustment or by the final payment date, if the next payment date is the final payment date.

 $PBRAF_c =$  the PBRAFs then in effect, or if an adjustment has been made under Section 6, Part A, the adjusted PBRAFs from Section 6, Part A.

PBRAFA<sub>c</sub>= the adjustment (if any) from Section 6, Part B, Step 5

YPBRAFA<sub>c</sub><sup>t</sup>= the adjustment from Section 6, Part C, Step 5 for every year t in which an adjustment was made unless that adjustment was discontinued under Section 6, Part C, Step 6.

FBU<sub>c</sub>= the forecasted billing determinants for the upcoming period



Revision Number: 14<sup>th</sup>

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

/19

132

#### Part B: Intra Industrial Group Adjustments Due to Cumulative Load Loss Not Attributable to Eligible Generation

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set Transition Charges for each Industrial Group Transition Charge Class during the ensuing year to the billing determinants for the period November 2003 through October 2004 (adjusted to exclude any billing determinants attributable to Eligible Generation if any adjustment was made under Section 6, Part A after October 2004) (such billing determinants as adjusted are hereafter referred to as the "Industrial Base Year Billing Determinants"). The Transition Charges of all Transition Charge Classes in the Industrial TC Group will be adjusted if one or more Transition Charge Classes experience load loss (calculated excluding load loss attributable to Eligible Generation 6, Part A but including load loss attributable to small power production facilities of 10 megawatts or less) aggregating more than 10% on a cumulative basis when measured against the Industrial Base Year Billing Determinants. The adjustments under this Part B will be made using the following procedures:

Step 1:		
If FBU <sub>c</sub> /IBD <sub>c</sub> $\geq$ 0.90 for each Industrial TC Class	Then, no adjustments will occur under this Section 8, Part B and the transition charge for each Industrial TC class will be calculated under Section 8, Part A.	
If FBU <sub>c</sub> /IBD <sub>c</sub> < 0.90 for any Industrial TC Class (Load Loss Class)	Then, adjustments will be calculated pursuant to Steps 2 through 6.	
Where: FBU <sub>c</sub> = forecasted billing determinants for class c		
IBD <sub>c</sub> = Industrial Base Year Billing Determinants for class c		

Revision Number: 14 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED 0 0	Effective: 7/11
	APR 2 3.2020	

Sheet No. 6.7.2 Page 21 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

Step 2:

For each Industrial TC Class in Step 1 where  $FBU_c/IBD_c < 0.90$ , a reduction amount (RED<sub>c</sub>) will be calculated as follows:

 $RED_c = PBR_c - TCLL_C$ 

Where:

 $PBR_c = PBR_T * PBRAF_c$ 

 $TCLL_c = Test Collections with 10\% Load Loss for Class c = [PBR_c/(IBD_c * 0.9)] * FBU_c$ 

 $PBR_T = total periodic billing requirement for upcoming period$ 

PBRAF<sub>c</sub>= the PBRAFs then in effect, including any adjustment made under Section 6, Part A; plus any adjustment made under Section 6, Part B and Section 6, Part C unless the adjustment was discontinued.

# Step 3:

For each Industrial TC class for which a reduction amount was not calculated in Step 2 and whose  $TC_c^{-1} \leq TC_{LOSA}^{-1}$ , a reallocation amount shall be calculated as follows:

 $RA_c = IAP_c * \Sigma RED_c$  for all classes

Where:

 •		
IAP <sub>c</sub>	=	initia-Group Anocation Ferenauge for class c - FBRG i er 2 FBRG i e for an
		Industrial TC Classes for which a reduction amount was not calculated in Step
		2 and whose $TC_c^{-1} \leq TC_{LOSA}^{-1}$
TC <sub>LOSA</sub>	-1 =	Transition Charge implemented for the LOSA TC class in the last true-up
		filing
$TC_c^{-1}$	=	Transition Charge implemented for class c in the last true-up filing

Sheet No. 6.7.2 Page 22 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

#### Step 4:

The adjusted transition charge for a class (TC<sub>c</sub>) shall be calculated as follows:

For those Industrial TC Classes receiving a reallocation amount in Step 3:  $TC_c = [PBR_c + RA_c] / FBU_c$ 

For all other Industrial TC Classes:  $TC_c = [PBR_c - RED_c] / FBU_c$ 

# Step 5:

Calculate the percent increase in the Transition Charge from the Base Year as follows:  $Pl_c = (TC_c/TC_c^{BASE}) - 1$ 

Where:

 $TC_c$  = The adjusted transition charge calculated in Step 4

 $TC_c^{BASE}$  = The transition charge calculated using the Industrial Base Year Billing Determinants.

#### Step 6:

A. For any Industrial TC Class where PI is less than the PI for the TC Classes identified in Step 1 as Load Loss Classes:

 $TC_c^{FINAL} = TC_c$ 

B. If PI for any Industrial TC Class is greater than or equal to the PI for the Load Loss Classes identified in Step 1, then calculate an initial Equal Percent Increase for that class and the Load Loss Classes identified in Step 1:

$$TC_{c}^{FINAL} = TC_{c}^{BASE} * (1 + EPI^{INITIAL})$$

Where:

 $EPI^{INITIAL}$  = initial Equal Percent Increase =  $\Sigma (TC_c * FBU_c) / \Sigma (TC_c^{BASE}*FBU_c)$  for only those Industrial TC Classes identified in Step 1 as Load Loss Classes and TC classes with a PI greater than or equal to those Industrial TC Load Loss Classes identified in Step 1.

C. In the event that EPI<sup>INITIAL</sup> for any Industrial TC Class, other than a Load Loss Class identified in Step 1, exceeds the PI<sub>c</sub> calculated in Step 5, then for that Class,

1		
	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	
Revision Number: 14 <sup>th</sup>	APR 2 3 2020 🖗 4 9 4 2 1	Effective: 7/11/19 134
	E T	

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

$$TC_{c}^{FINAL} = TC_{c}$$

D. For the remaining classes, a final Equal Percent Increase will be calculated to reflect the exclusion of the Classes identified in Step 6, Parts A and C above as follows:

 $TC_c^{FINAL} = TC_c^{BASE} * (1 + EPI^{FINAL})$ 

Where:

 $EPI^{FINAL}$  = final Equal Percent Increase =  $\Sigma$  (TC<sub>c</sub> \* FBU<sub>c</sub>)/ $\Sigma$  (TC<sub>c</sub><sup>BASE</sup>\*FBU<sub>c</sub>) for only those Industrial TC Classes remaining in Step 6, Part D.

#### SECTION 9: BILLING AND COLLECTION TERMS AND CONDITIONS

Transition Charges will be billed and collected as set forth in this Schedule TC2. The terms and conditions for each party are set forth below.

- A. Billings by Servicer to other T or D Providers:
  - 1. Transition Charges applicable to former retail customers of the Company in multiply certificated service areas who are now taking service directly from other T or D Providers or through REPs served by other T or D Providers will be billed to and collected from the other T or D Provider, which, in turn will be responsible for collecting the Transition Charges from the retail customers and REPs.
  - 2. The T or D Provider shall pay all Transition Charges not later than 35 days after bill is mailed by Servicer. The T or D Provider shall make such payment regardless of whether it collects such charges from the end-use retail customer or REP.
- B. Billings by Servicer to New On-Site Generation:
  - 1. Customers subject to Transition Charges for New On-Site Generation shall pay such charges in full not later than sixteen days after the date the bill is mailed to the customer.
  - 2. Transition Charges applicable to New On-Site Generation are in addition to applicable transition charges under A above or C below.
  - 3. If the entity with New On-Site Generation receives transmission or distribution service from the Company or another T or D Provider, Servicer shall have the same right to terminate service or require the other provider to terminate service for

	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	
Revision Number: 14 <sup>th</sup>	APR 2.3 2020 E 4 9 4 2 1	Effective: 7/11/19 135

Sheet No. 6.7.2 Page 23 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

**CNP 828** 

non-payment of Transition Charges as the Company has to terminate service for non-payment of charges under the Company's rate schedules. Any termination shall comply with applicable Commission rules.

- С. Billings by the REP or its replacement to end-use customers:
  - 1. REPs will bill and collect, or cause to be billed and collected, all Transition Charges applicable to consumption by retail customers served by the REP.
  - 2. If Servicer is providing the metering, metering data will be provided to the REP at the same time as the billing. If Servicer is not providing the metering, the entity providing metering services will be responsible for complying with Commission rules and ensuring that Servicer and the REP will receive timely and accurate metering data in order for Servicer to meet its obligations under the Servicing Agreement and the Financing Order with respect to billing and true-ups.
  - 3. Each REP must (1) have a long-term, unsecured credit rating of not less than "BBB-" and "Baa3" (or the equivalent) from Standard & Poor's and Moody's Investors Service, respectively, or (2) provide (A) a deposit of two months' maximum expected Transition Charge collections in the form of cash, (B) an affiliate guarantee, surety bond, or letter of credit providing for payment of such amount of Transition Charge collections in the event that the REP defaults in its payment obligations, or (C) a combination of any of the foregoing. A REP that does not have or maintain the requisite long-term, unsecured credit rating may select which alternate form of deposit, credit support, or combination thereof it will utilize, in its sole discretion. The indenture trustee shall be the beneficiary of any affiliate guarantee, surety bond or letter of credit. The provider of any affiliate guarantee, surety bond, or letter of credit must have and maintain a long-term, unsecured credit ratings of not less than "BBB-" and "Baa3" (or the equivalent) from Standard & Poor's and Moody's Investors Service, respectively.
  - If the long-term, unsecured credit rating from either Standard & Poor's or Moody's 4. Investors Service of a REP that did not previously provide the alternate form of deposit, credit support, or combination thereof or of any provider of an affiliate guarantee, surety bond, or letter of credit is suspended, withdrawn, or downgraded below "BBB-" or "Baa3" (or the equivalent), the REP must provide the alternate form of deposit, credit support, or combination thereof, or new forms thereof, in each case from providers with the requisite ratings, within 10 business days following such suspension, withdrawal, or downgrade. A REP failing to make such provision must comply with the provisions set forth in paragraph 3 of Section D, Billings by Servicer to the REP or its replacement (when applicable).

- ---

	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	
Revision Number: 14 <sup>th</sup>	APR 2 3.2020 4 9 4 2 1	Effective: 7/11/19 136
	T	

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

- 5. The computation of the size of a required deposit shall be agreed upon by Servicer and the REP, and reviewed no more frequently than quarterly to ensure that the deposit accurately reflects two months' maximum collections. Within 10 business days following such review, (1) the REP shall remit to the indenture trustee the amount of any shortfall in such required deposit or (2) Servicer shall instruct the indenture trustee to remit to the REP any amount in excess of such required deposit. A REP failing to so remit any such shortfall must comply with the provisions set forth in Paragraph 3 of the Section D, Billings by Servicer to the REP or its replacement (when applicable). REP cash deposits shall be held by the indenture trustee, maintained in a segregated account, and invested in short-term high quality investments, as permitted by the rating agencies rating the transition bonds. Investment earnings on REP cash deposits shall be considered part of such cash deposits so long as they remain on deposit with the indenture trustee. At the instruction of Servicer, cash deposits will be remitted with investment earnings to the REP at the end of the term of the transition bonds unless otherwise utilized for the payment of the REP's obligations for Transition Bond payments. Once the deposit is no longer required, Servicer shall promptly (but not later than 30 calendar days) instruct the indenture trustee to remit the amounts in the segregated accounts to the REP.
- 6. In the event that a REP or the Provider of Last Resort (POLR) is billing customers for Transition Charges, the REP shall have the right to transfer the customers to the POLR (or to another certified REP) or to direct Servicer to terminate transmission and distribution service to the end-use customer for non-payment by the end-use customer pursuant to applicable Commission rules.
- D. Billings by Servicer to the REP or its replacement (when applicable):
  - 1. Servicer will bill and collect from REPs all Transition Charges applicable to consumption by retail customers served by the REP, including applicable customers served by New On-Site Generation.
  - 2. Payments of Transition Charges are due 35 calendar days following each billing by Servicer to the REP, without regard to whether or when the REP receives payment from the end-use retail customers. Servicer shall accept payment by electronic funds transfer, wire transfer, and/or check. Payment will be considered received the date the electronic funds transfer or wire transfer is received by Servicer, or the date the check clears. A 5% penalty is to be charged on amounts received after 35 calendar days; however, a 10 calendar-day grace period will be allowed before the REP is considered to be in default. A REP in default must comply with the provisions set forth in paragraph 3 of this Section D. The 5% penalty will be a onetime assessment measured against the current amount overdue from the REP to Servicer. The "current amount" consists of the total unpaid Transition Charges

D i di la 14th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effecti
Revision Number: 14 <sup>th</sup>	D	Effecti
	APR 2.3 2020 $\frac{1}{8}$ 49421	
	E T	

ffective: 7/11/19 137

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

existing on the 36<sup>th</sup> calendar day after billing by Servicer. Any and all such penalty payments will be made to the indenture trustee to be applied against Transition Charge obligations. A REP shall not be obligated to pay the overdue Transition Charges of another REP. If a REP agrees to assume the responsibility for the payment of overdue Transition Charges as a condition of receiving the customers of another REP that has decided to terminate service to those customers for any reason, the new REP shall not be assessed the 5% penalty upon such Transition Charges; however, the prior REP shall not be relieved of the previously-assessed penalties.

- After the 10 calendar-day grace period (the 45<sup>th</sup> calendar day after the billing date), 3. Servicer shall have the option to seek recourse against any cash deposit, affiliate guarantee, surety bond, letter of credit, or combination thereof provided by the REP, and avail itself of such legal remedies as may be appropriate to collect any remaining unpaid Transition Charges and associated penalties due Servicer after the application of the REP's deposit or alternate form of credit support. In addition, a REP that is in default with respect to the requirements set forth in paragraphs 4 and 5 of Section C and paragraph 2 of this Section D shall select and implement one of the following options:
  - (a) Allow the POLR or a qualified REP of the customer's choosing to immediately assume the responsibility for the billing and collection of Transition Charges.
  - agreeable (b) Immediately implement other mutually suitable and arrangements with Servicer. It is expressly understood that Servicer's ability to agree to any other arrangements will be limited by the terms of the Servicing Agreement and requirements of rating agencies that have rated the transition bonds necessary to avoid suspension, withdrawal or downgrade of the ratings on the transition bonds.
  - Arrange that all amounts owed by retail customers for services rendered be (c)timely billed and immediately paid directly into a lock-box controlled by Servicer with such amounts to be applied first to pay Transition Charges before the remaining amounts are released to the REP. All costs associated with this mechanism will be borne solely by the REP.

If a REP that is in default does not immediately select and implement one of the options specified in (a), (b) or (c) or, after so selecting one of the foregoing options, fails to adequately meet its responsibilities thereunder, then Servicer shall immediately implement option (a), subject to the limitations and requirements of the bankruptcy code if the REP is a debtor in bankruptcy. Upon re-establishment of compliance with the requirements set forth in paragraphs 4 and 5 of Section C

	1 4th	PUBLIC UTILITY COMM APPROV	ISSION OF TEXAS	
Revision Number:	14"	D O		Effective: 7/11/19 138
		APR 2 3 2020 နို	49421	
		<b>T</b>		

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

**CNP 828** 

and paragraph 2 of this Section D and the payment of all past-due amounts and associated penalties, the REP will no longer be required to comply with this paragraph 3.

- 4. The POLR appointed by the Commission must meet the minimum credit rating or deposit/credit support requirements described in paragraph 3 of Section C ("Billings by the REP or its Replacement to end-use customers") in addition to any other standards that may be adopted by the Commission. If the POLR defaults or is not eligible to provide such services, responsibility for billing and collection of Transition Charges will immediately be transferred to and assumed by Servicer until a new POLR can be named by the Commission or the customer requests the services of a certified REP. Retail customers may never be re-billed by the successor REP, the POLR, or Servicer for any amount of Transition Charges they have paid their REP (although future Transition Charges shall reflect REP and other system-wide charge-offs). Additionally, if the amount of the penalty detailed in paragraph 2 of this Section D is the sole remaining past-due amount after the 45<sup>th</sup> calendar day, the REP shall not be required to comply with clauses (a), (b) or (c) of paragraph 3 of this Section D, unless the penalty is not paid within an additional 30 calendar days.
- 5. In the event that Servicer is billing customers for Transition Charges, Servicer shall have the right to terminate transmission and distribution service to the end-use customer for non-payment by the end use customer pursuant to applicable Commission rules.
- The REP will be allowed to hold back an allowance for charge-offs in its payments 6. to Servicer. Such charge-off rate will be recalculated each year in connection with the annual true-up procedure. In the initial year, REPs will be allowed to remit payments based on the same charge-off percentage then being used by the REP to remit payments to the servicer in connection with transition charges related to transition bonds issued by CenterPoint Energy Transition Bond Company, LLC on October 24, 2001. On an annual basis in connection with the true-up adjustment process, the REP and Servicer will be responsible for reconciling the amounts held back with amounts actually written off as uncollectible in accordance with the terms agreed to by the REP and Servicer, provided that:
  - The REP's right to reconciliation for write-offs will be limited to customers (a) whose service has been permanently terminated and whose entire accounts (i.e., all amounts due the REP for its own account as well as the portion representing Transition Charges) have been written off.
  - The REP's recourse will be limited to a credit against future Transition (b) Charge payments unless the REP and Servicer agree to alternative

	PUBLIC UTILITY COMMISSION OF TEXAS	
Revision Number: 14 <sup>th</sup>	APPROVED	Effective: 7/11/19
Revision Number. 14	D	139
	APR 2 3 2020 😚 4 9 4 2 1	

Sheet No. 6.7.2 Page 28 of 30

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

arrangements, but in no event will the REP have recourse to the indenture trustee, the SPE or the SPE's funds for such payments.

- (c) The REP shall provide information on a timely basis to Servicer so that Servicer can include the REP's default experience and any subsequent credits into its calculation of the adjusted Transition Charge rates for the next transition charge billing period and the REP's rights to credits will not take effect until such adjusted Transition Charge rates have been implemented.
- 7. In the event that a REP disputes any amount of billed Transition Charges, the REP shall pay the disputed amount under protest according to the timelines detailed in paragraph 2 of this Section D. The REP and Servicer shall first attempt to informally resolve the dispute, but if they fail to do so within 30 calendar days, either party may file a complaint with the Commission. If the REP is successful in the dispute process (informal or formal), the REP shall be entitled to interest on the disputed amount paid to Servicer at the Commission-approved interest rate. Disputes about the date of receipt of Transition Charge payments (and penalties arising thereof) or the size of a required REP deposit will be handled in a like manner. It is expressly intended that any interest paid by Servicer on disputed amounts shall not be recovered through Transition Charges if it is determined that Servicer's claim to the funds is clearly unfounded. No interest shall be paid by Servicer if it is determined that Servicer has received inaccurate metering data from another entity providing competitive metering services pursuant to Utilities Code Section 39.107.
- 8. If Servicer is providing the metering, metering data will be provided to the REP at the same time as the billing. If Servicer is not providing the metering, the entity providing metering services will be responsible for complying with Commission rules and ensuring that Servicer and the REP will receive timely and accurate metering data in order for Servicer to meet its obligations under the Servicing Agreement and the Financing Order with respect to billing and true-ups.

#### **OTHER TERMS AND CONDITIONS**

If the customer or REP pays only a portion of its bill, a pro-rata portion of Transition Charge revenues shall be deemed to be collected. The Company will allocate any shortfall first, ratably based on the amount owed for Transition Charges and the amount owed for other fees and charges, other than late charges, owed to the Company or any successor, and second, all late charges shall be allocated to the Company or any successor.

If the Company does not regularly include the notice described below in the bills sent by it to REPs or directly to retail customers, then at least once each year the Company shall cause to be prepared and delivered to REPs and such customers a notice stating, in effect, that the amount billed includes

	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	
Revision Number: 14 <sup>th</sup>	APR 2.3 2020 6 4 9 4 2 1	Effective: 7/11/19 140
	Ē	•

Effective: 7/11/19

141

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

Transition Charges which were authorized by the Financing Order dated March 16, 2005 and have been transferred to and are being collected on behalf of CenterPoint Energy Transition Bond Company II, LLC and are not owned by the Company. In the customer's initial bill from the REP and at least once each year thereafter, each REP that bills Transition Charges shall cause to be prepared and delivered to its customers a notice stating, in effect, that the amount billed includes Transition Charges which were authorized by the Financing Order dated March 16, 2005 and have been transferred to and are being collected on behalf of CenterPoint Energy Transition Bond Company II, LLC and are not owned by the REP or the Company, and that under certain circumstances described in Schedule TC2 Servicer may be permitted to collect the Transition Charges directly from the retail customer. Such notice shall be included either as an insert to or in the text of the bills delivered to such REPs or customers, as applicable, or shall be delivered to REPs or customers by electronic means or such other means as Servicer or the REP may from time to time use to communicate with their respective customers.

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 828

## ATTACHMENT 1

TRANSITION CHARGE	PBRAF	
CLASS	Effective 12-1-08	
Residential	40.4859 %	
MGS	29.1622 %	
LGS	16.1753 %	
LOS-A	4.6947%	
LOS-B	2.7249 %	
Non-Metered Lighting	0.5518 %	
CAPPED CLASSES	· · · · · · · · · · · · · · · · · · ·	
Standby Electric Service-	0.0319 %	
Distribution		
Interruptible Service	0.1382 %	
Supplemental- Distribution		
Interruptible Service – Thirty	0.9595 %	
Minute Notice		
Interruptible Service -Ten	1.7179 %	
Minute Notice		
Interruptible Service –	0.2159 %	
Instantaneous		
Interruptible Service	0.0650 %	
Supplemental- Transmission		
Standby Electric Service –	0.2495 %	
Transmission		
Standby Interruptible Service	0.1902 %	
Special Contract Pricing	2.6371 %	

## PERIODIC BILLING REQUIREMENT ALLOCATION FACTORS

#### TC GROUPS

TC GROUP	TRANSITION CHARGE CLASSES	GROUP ALLOCATION PERCENTAGE Effective 12-1-08
Residential	Residential	40.4859 %
Commercial	MGS, LGS, Non-Metered Lighting	45.8893 %
Industrial	All other Transition Charge Classes	13.6248 %

Revision Number: 14<sup>th</sup>

PUBLIC UTILITY COMMISSION OF TEXAS APPROVED APR 2 3 2020 K 4 9 4 2 1

Effective: 7/11/19 142

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area Sheet No. 6.7.3 Page 1 of 29

CNP 895

### 6.1.1.2.3 SCHEDULE TC3 - TRANSITION CHARGES

#### **SECTION 1: APPLICABILITY**

This schedule sets out the rates and terms and conditions under which Transition Charges will be billed and collected by CenterPoint Energy Houston Electric, LLC (Company), any successor servicer(s) and any retail electric providers (REP) or collection agents billing or collecting Transition Charges on behalf of CenterPoint Energy Transition Bond Company III, LLC (SPE). The Transition Charges were authorized by the Financing Order approved by the Public Utility Commission of Texas (Commission) in Docket No. 34448 on September 18, 2007 (Financing Order). Pursuant to terms of the Financing Order and the requirements of Section 39.301 et seq. of the Texas Utilities Code, all of the Company's rights under the Financing Order, including the right to bill and collect Transition Charges and to adjust Transition Charges pursuant to this Schedule TC3, were transferred to the SPE in connection with the issuance of transition bonds. The rights transferred to the SPE are "transition property" of the SPE (as defined in Section 39.304 of the Utilities Code). On the effective date of this Schedule TC3 the Company will act as servicer on behalf of the SPE to bill, collect, receive and adjust Transition Charges imposed pursuant to this Schedule TC3. However, the SPE may select another party to serve as servicer or the Company may resign as servicer in accordance with the terms and subject to the conditions of the Servicing Agreement and the Financing Order. A successor servicer selected under these conditions will assume the obligations of the Company as servicer under this Schedule TC3. As used in this Schedule TC3, the term "Servicer" includes any successor servicer. All actions by the Company under this Schedule TC3, including collection of Transition Charges, will be undertaken solely in its role as servicer under the Servicing Agreement between the Company and the SPE dated as of February 12, 2008.

This schedule is applicable to:

- 1. Retail customers located within the certificated service area of Reliant Energy HL&P (HL&P) as such service area existed on May 1, 1999 who receive electric transmission and/or distribution service through a REP served by the Company and to the facilities, premises and loads of such retail customers;
- 2. Retail customers located within HL&P's certificated service area as it existed on May 1, 1999 who are presently receiving transmission and/or distribution service either directly from another utility, electric cooperative or municipally owned utility (T or D Provider) or through a REP served by another T or D Provider, and whose request to change service to the other T or D Provider was made after May 1, 1999;

Revision Number: 12th

PUBLIC UTILITY COMMISSION OF TEXAS APPROVED APR 2.3.2020 K 49421

Effective: 12/7/19 143

1

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

- 3. Retail customers located within HL&P's certificated service area as it existed on May 1, 1999 and who are served by New On-Site Generation. New On-Site Generation means "New On-Site Generation" as defined in Section 25.345(c)(1) of the Commission's Substantive Rules.
- 4. REPs that serve retail customers located within HL&P's certificated service area as it existed on May 1, 1999.
- 5. Any other entity which, under the terms of the Financing Order or the Utilities Code, may be obligated to pay, bill, collect, or adjust the Transition Charges.
- 6. This schedule is applicable to public retail customers located within HL&P's certificated service area as it existed on May 1, 1999 who purchase power from the General Land Office as provided for in the Utilities Code, Section 35.102.

### **SECTION 2: CHARACTER OF TRANSITION CHARGES**

Transition Charges are non-bypassable charges. All Transition Charges other than those applicable to New On-Site Generation are computed and paid on the basis of individual end-use retail customer consumption or demand. In accordance with Utilities Code Section 39.252(b) and Section 25.345(i)(3) of the Commission's Substantive Rules, the Transition Charges applicable to use of New On-Site Generation that results in a "material reduction" of the customer's use of energy delivered through the Company's transmission and distribution facilities (as defined in Section 25.345(i)(4) of the Commission's Substantive Rules) are computed and paid based on the output of the on-site generation used to meet the internal electric requirements of the customer. Customers with New On-Site Generation will also be required to pay the Transition Charges applicable to energy actually delivered to the Customer through the Company's facilities. Individual end-use retail customers are responsible for paying Transition Charges billed to them in accordance with the terms of this Schedule TC3 whether the charges are billed directly by Servicer or are included in the bills submitted to the customer by a REP or another entity. Payment is to be made to the entity that bills the customer in accordance with the terms of the Servicing Agreement and the Financing Order. The billing entity may be the Company, a successor servicer, a REP or an entity designated to collect Transition Charges in place of the REP.

The Transition Charges are separate charges to be paid in addition to any other applicable charges for services received. Although the Transition Charges are separate charges, they may be included within other charges of the billing entity.

The REP or entity designated to collect Transition Charges in place of the REP will pay Transition Charges (less an allowance for charge-offs calculated pursuant to this Schedule TC3) to Servicer in accordance with the requirements of the Financing Order and this Schedule TC3 whether or not

	PUBLIC UTILITY COMMISSION OF TEXAS	
Revision Number: 12 <sup>th</sup>	D	Effective: 12/7/19 144
	APR 2.3.2020 Ř 49421 F	

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

it has collected the Transition Charges from its customers. To the extent that the REP's actual charge-offs differ from the charge-off allowance, adjustments will be made pursuant to this Schedule TC3. The REP will have no right to reimbursement other than as expressly set out in this Schedule TC3.

Servicer will remit collections to the SPE in accordance with the terms of the Servicing Agreement.

#### **SECTION 3: TERM**

This Schedule TC3 is effective beginning on the date the transition bonds are issued. Schedule TC3 will remain in effect as provided in the Financing Order until the Transition Charges collected and remitted to the SPE are sufficient to satisfy all obligations of the SPE to pay principal and interest on the transition bonds (as due over the 12 year term of the transition bonds) and to pay all other qualified costs as provided in the Financing Order. However, in no event will the Transition Charges be billed for service provided after 15 years from issuance of the transition bonds, or sooner if the transition bonds are paid in full at an earlier date. This Schedule TC3 is irrevocable.

#### **SECTION 4: TRANSITION CHARGE CLASSES**

Transition Charges are calculated and applied by Transition Charge Class. There are 15 Transition Charge Classes, nine of which are Capped Classes. Each Transition Charge Class is defined in terms of the base rate tariff classes that existed on HL&P's system on September 1, 1999 ("pre-restructuring rate schedules"). The Transition Charge Classes are defined as follows:

**Residential Class:** The Residential Class is made up of (i) every customer that was served under HL&P rate schedule RS or RTD on the day before the customer discontinued taking service from HL&P under a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under pre-restructuring rate schedules would have qualified for service under HL&P's rate schedules RS or RTD.

**MGS Class:** The MGS Class is made up of (i) every customer that was served under HL&P rate schedule MGS on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under a pre-restructuring rate schedule would have qualified for service under HL&P's rate schedule MGS and whose demand is estimated by the Company to be less than 400 kVa. This class includes customers served under Rider GLTC. Customers served under rate schedules EIS, HVP and CSB are included in the MGS class if the customer's contract for service from HL&P provided that the MGS rate was the basis for pricing.

Revision Number: 12<sup>th</sup> Effective: 12/7/19 APR 2 3 2020 C 4 9 4 2 1

Sheet No. 6.7.3 Page 4 of 29

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

LGS Class: The LGS Class is made up of (i) every customer that was served under HL&P rate schedule LGS on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under a pre-restructuring rate schedule would have qualified for service under HL&P's rate schedules LGS and whose demand as estimated by the Company, if served at less than 60,000 volts, is 400 kVa or greater; or if served at 60,000 volts or greater, is at least 400 kVa but less than 2,000 kVa. This class includes customers served under Rider SEI. Customers served under rate schedules EIS, HVP and CSB are included in the LGS class if the customer's contract for service from HL&P provided that the LGS rate was the basis for pricing.

**LOS-A Class:** The LOS-A Class is made up of (i) every customer that was served under HL&P rate schedule LOS-A on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under a pre-restructuring rate schedule would have qualified for service under HL&P's rate schedule LOS-A and has a demand as estimated by the Company of 2,000 kVa or greater. Customers served under rate schedules EIS and HVP are included in the LOS-A class if the customer's contract for service from HL&P provided that the LOS-A rate was the basis for pricing.

**LOS-B Class:** The LOS-B Class is made up of every customer that was served under HL&P rate schedule LOS-B on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule. Customers that were not served by HL&P under any pre-restructuring rate schedule may not be included in this class.

**Non-Metered Lighting Class:** The Non-Metered Lighting Class is made up of (i) every customer that was served under HL&P rate schedules SPL, MLS or MTA on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, and (ii) each new customer which was not served by HL&P under any pre-restructuring rate schedule, but is taking outdoor lighting services which are provided on an unmetered basis using lighting fixtures controlled by photo-electric devices which would have qualified for service under HL&P's pre-restructuring rate schedules SPL, MLS and MTA.

In addition to the six Transition Charge Classes described above, there will be nine additional Transition Charge Classes, each of which is a capped class ("Capped Classes"). Each of the Capped Classes will be made up solely of customers that actually received service from HL&P during the 12-month period ended April 30, 1999 under the HL&P rate schedule related to the class and any SIP customers with a contract effective date after April 30, 1999 and before January 1, 2002. The nine Capped Classes, and the related rate schedule, are as follows:

	PUBLIC UTILITY CO APF	OMMIS PROVE		
Revision Number:	12 <sup>th</sup> APR 2.3 2020	<b>DOCKE</b>	49421	Effective: 12/7/19 146

CNP 895

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

Capped Class	Related Rate Schedule
Standby Electric Service – Distribution	SES
Interruptible Service Supplemental – Distribution	ISS
Interruptible Service – 30 minute notice	IS-30
Interruptible Service – 10 minute notice	IS-10 & SIP
Interruptible Service – Instantaneous	IS-I
Interruptible Service Supplemental – Transmission	ISS
Standby Electric Service – Transmission	SES
Standby Interruptible Service	SBI
Special Contract Pricing	SCP

Each customer in one or more of the nine Capped Classes will be charged the Transition Charges for the applicable class only for service the customer actually receives during the billing period up to the Monthly Cap. The Monthly Cap for each customer will be based on the amount of service the customer received under the related rate schedule during the 12-month period ended April 30, 1999 or for any SIP customer, the Monthly Cap will be based on the customer's average monthly interruptible demand corresponding to the initial MFC under the customer's SIP contract effective after April 30, 1999 and before January 1, 2002, and calculated as follows:

For customers which took stand alone standby service (SBI and/or SES without (1)other service), the Monthly Cap for SBI and SES will be the highest demand under the respective rate, during the 12-month period ended April 30, 1999. If a customer began service under SES and/or SBI after April 30. 1999, the Monthly Cap for such customer's will be the highest demand under rate SES or SBI, as applicable, during the period from April 30, 1999 to January 1, 2002, if the customer provides the Company adequate documentation that (i) the additional load served was on-site load normally served by the customer's on-site generation and (ii) the customer's on-site generation was out of service due to forced outage or maintenance. If the customer does not provide the required documentation, the additional load will be billed using the Transition Charges applicable to the LGS Class for distribution voltage customers or LOS-A Class for transmission voltage customers.

For customers which took SBI and/or SES in combination with other services, the (2)Transition Charge for additional load taken in excess of the Monthly Cap will be the Transition Charge for the LOS-A class restated and applied as a cents per KWh charge if the customer provides the Company adequate documentation that (i) the additional load was lawfully served without use of the Company's transmission and distribution facilities and (ii) the customer's on-site generation was out of service due to forced outage or maintenance. If the customer does not provide the required documentation, the additional load will be billed using the Transition Charges applicable to the LOS-A Class for transmission voltage customers applied on a kW basis.



**CNP 895** 

147

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

(3) For any SCP customer that also received service under a non-Capped Class, the SCP rate will have a Monthly Cap based on the amount of service the customer received under the SCP rate schedule during the 12-month period ended April 30, 1999. The Monthly Cap will be the customer's monthly maximum hourly kW under the SCP rate schedule during the peak hours as defined herein, summed for the 12-month period ended April 30, 1999 and divided by the number of months during which the customer actually consumed power under the SCP rate schedule.

(4) For all other customers in Capped Classes, the Monthly Cap will be the customer's monthly maximum hourly kW under the related rate schedule during the peak hours as defined herein, summed for the 12-month period ended April 30, 1999 or alternate period applicable to any SIP customer and divided by the number of months during which the customer actually consumed power under the rate schedule. For monthly service in excess of the Monthly Cap(s), the charge associated with customer's non-capped Transition Charge Class will apply. If the customer is served at distribution voltage and did not have service associated with one of the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LGS Class for all monthly service in excess, the customer is served at transmission voltage and did not have service associated with one of the six non-capped Transition Charge Classes, the Classes, the customer will be required to pay the Transition Charges applicable to the LGS Class for all monthly service in excess of its Monthly Cap. If the customer is served at transmission voltage and did not have service associated with one of the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LGS Class for all monthly service in excess of its Monthly Cap. If the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LOS-A Class for all monthly service in excess of its Monthly Cap.

The categories of service historically provided by HL&P ceased to exist after electric business activities were unbundled pursuant to Section 39.051 of the Utilities Code. Similarly, since the advent of customer choice under Section 39.102 of the Utilities Code, retail customers receive service that may not only have different names, but may have different characteristics than the service historically provided by HL&P. The classifications set out in the preceding paragraphs will be applied to determine the Transition Charge applicable to each customer without regard to the descriptions that may be used to describe the services currently provided to retail customers.

#### SECTION 5: PERIODIC BILLING REQUIREMENT ALLOCATION FACTORS

The initial Periodic Billing Requirement Allocation Factors ("PBRAF") for each Transition Charge Class are set out below. These initial PBRAFs will remain in effect throughout the life of the transition bonds unless a modification of the factors is made pursuant to the allocation factor adjustment provisions in Section 6 of this Schedule TC3:



Sheet No. 6.7.3 Page 7 of 29

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

TRANSITION CHARGE	PBRAF
CLASS	
Residential	18.3506%
MGS	42.4542%
LGS	23.9265%
LOS-A	5.7501%
LOS-B	5.1450%
Non-Metered Lighting	0.2982%
CAPPED CLASSES	
Standby Electric Service-	
Distribution	0.0193%
Interruptible Service	
Supplemental-Distribution	-0.0436%
Interruptible Service – Thirty	
Minute Notice	-0.0451%
Interruptible Service – Ten	
Minute Notice	0.3339%
Interruptible Service –	
Instantaneous	-0.0492%
Interruptible Service	
Supplemental – Transmission	0.0639%
Standby Electric Service –	
Transmission	0.4464%
Standby Interruptible Service	0.0325%
Special Contract Pricing	3.3173%

## INITIAL PERIODIC BILLING REQUIREMENT ALLOCATION FACTORS

#### SECTION 6: ALLOCATION FACTOR ADJUSTMENTS

The PBRAFs will be subject to adjustment using the procedures in this Section 6. Any adjustment required under this Section 6 will be made effective on the date of an annual Standard True-up Adjustment. Required adjustments will be made in the following order: first, adjustments will be made under Part A; second, adjustments will be made under Part B; and third, adjustments will be made under Part C.

For purposes of determining whether an allocation adjustment is required under Parts B and C of this Section 6 and adjusting PBRAFs pursuant to those Parts, the Transition Charge Classes will be combined into three groups (TC Groups) as follows:

Revision Number: 12 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED D APR 2 3 2020 K 4 9 4 2 1	Effective: 12/7/19 149

CenterPoint Energy Houston Electric, LLC
Applicable: Entire Service Area

#### CNP 895

TC GROUPS				
TC GROUP	TRANSITION CHARGE CLASSES	INITIAL GROUP ALLOCATION PERCENTAGE		
Residential	Residential	18.3506%		
Commercial	MGS, LGS, Non-Metered Lighting	66.6789%		
Industrial	All other Transition Charge Classes	14.9705%		

#### Part A: Adjustments Due to Load Loss Qualifying under Utilities Code Section 39.262(k)

The PBRAFs shall be adjusted consistent with the Utilities Code to reflect the loss of loads due to operations of facilities that are "Eligible Generation" as defined in PUC Subst. Rule 25.345 (c) (2) ("Eligible Generation") except that this Part A shall not apply to, and the term "Eligible Generation" shall not include, load loss due to installation and operation of small power production facilities with a rated capacity of 10 megawatts or less. Any adjustments required under this Part A will be calculated as follows:

Step 1 – The Company will determine the amount of service provided during the twelve months ended April 30, 1999 that has been replaced by Eligible Generation (excluding amounts reflected in either the Initial PBRAFs or a prior adjustment under this Part A) and sum the losses by Transition Charge Class.

Step 2 – The Company will recalculate the PBRAFs for all Transition Charge Classes using the spreadsheet and data used to compute the initial PBRAFs but reducing the demand allocation factors for each Transition Charge Class to reflect the cumulative losses for that class as calculated under Step 1 (including losses for which PBRAF adjustments were made in prior years). No other changes to the spreadsheet or data used to compute the initial PBRAFs will be made. Appendix A to this Schedule TC3 contains the spreadsheet and data used to compute the initial PBRAFs.

Step 3 – An Adjusted Group Allocation Percentage for each TC Group shall then be calculated as the sum of the Adjusted PBRAFs (computed under Step 2) for all Transition Charge Classes within the TC Group.

# Part B: Inter-Group Adjustments Due to Cumulative Load Loss Not Attributable to Eligible Generation

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set Transition Charges for each Transition Charge Class during the ensuing year to the billing determinants in effect on the original effective date of

Revision Number: 12 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED D	Effective: 12/7/19 150
	APR 2 3 2020 F 4 9 4 2 1	100

•

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

Schedule TC3 (adjusted to exclude any billing determinants attributable to Eligible Generation if any adjustment was made under Part A after the original effective date) (such billing determinants as adjusted are hereafter referred to as the "Base Billing Determinants"). The PBRAFs of all Transition Charge Classes in all TC Groups will be adjusted if one or more TC Groups experience load loss (calculated excluding load loss attributable to Eligible Generation for which adjustments have been made under Part A but including load loss attributable to small power production facilities of 10 megawatts or less) aggregating 50% or more on a cumulative basis when measured against the Base Billing Determinants. The adjustments under this Part B will be made using the following procedures:

Step 1:

For each TC Group, if CTCOL <sub>G</sub> / PBR <sub>G</sub> ≥ 0.50	Then, no PBRAF adjustment will occur and any adjustment made in previous years under Part B shall be reversed		
For each TC Group, if CTCOL <sub>G</sub> / PBR <sub>G</sub> < 0.50	Then, a PBRAF adjustment will be calculated pursuant to Steps 2 through 5.		
Where:			
CTCOL <sub>G</sub> = cumulative test collectior (c) in Group (G)	ns for group $G = \Sigma CC_c^* FBU_c$ for all classes		
$FBU_c$ = forecasted billing determinants for class c			
$CC_c$ = cumulative test charge for class c = {PBRAF_c*PBR_T}/ BBD_c			
PBRAF <sub>c</sub> = the PBRAFs then in effect, or if an adjustment has been made under Part A, the adjusted PBRAFs from Part A			
PBR <sub>T</sub> = total periodic billing requirement for upcoming period			
BBD <sub>c</sub> = Base Billing Determinants for class c PBR <sub>G</sub> = periodic billing requirement for group = $\Sigma$ PBRAF <sub>c</sub> * PBR <sub>1</sub> for all classes			

in G

Step 2: For each TC Group in Step 1 where  $CTCOL_G / PBR_G < 0.50$ , a reduction amount (RED<sub>G</sub>) will be calculated for group G where RED<sub>G</sub>= 0.5 (PBR<sub>G</sub> - CTCOL<sub>G</sub>) CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

### Step 3:

For all TC Groups, a reallocation amount for that group (RA<sub>G</sub>) shall be calculated where: RA<sub>G</sub> = GAP<sub>G</sub> \* { $\Sigma$  RED<sub>G</sub>} for all Groups

Where:

 $GAP_G = Group Allocation Percentage = \Sigma PBRAF_c$  for all classes in the group

Step 4:

For all TC groups a Group Allocation Percentage Adjustment (GAPA<sub>G</sub>) shall be calculated where:

 $GAPA_G = (RA_G - RED_G) / PBR_T$ 

Where:

 $\Sigma \text{ GAPA}_{\text{G}} = 0 \text{ for all G}$ 

Step 5:

For all TC classes, the PBRAF adjustment for class c (PBRAFA<sub>c</sub>) will be calculated for use in calculating adjustments to the Transition Charges under Section 8, Part A where

 $PBRAFA_c = GAPA_G * (PBRAF_c/GAP_G)$ 

PUBLIC UTILITY CO	<b>) MM</b> PROV	
APR 232020	DOCKE	49421

Revision Number: 12<sup>th</sup>

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

# Part C: Inter-Group Adjustments Due to Year-Over-Year Load Loss Not Attributable to Eligible Generation

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set Transition Charges for each Transition Charge Class during the ensuing year to the forecasted billing determinants used to develop the then currently effective Transition Charges for the class minus the Eligible Generation load loss for the class determined in Step 1 of Part A after the billing determinant for the currently effective Transition Charges was determined (such adjusted amount is hereinafter referred to as the "Prior Year Billing Determinant"). The PBRAFs of all Transition Charge Classes in all TC Groups will be adjusted if (i) one or more TC Groups experience load loss (calculated excluding load loss attributable to Eligible Generation for which adjustments have been made under Part A but including load loss attributable to small power production facilities of 10 megawatts or less) of 10% or greater on a year-over-year basis when compared to the Prior Year Billing Determinants or (ii) any TC Group for which an adjustment was made under this Part C in one or more prior years experiences load growth resulting in projected billing determinants for the current year at a level which, if they had existed in one or more of such prior year(s) would have resulted in no adjustment to PBRAFs in such prior year(s). No reduction in PBRAFs will be made under this Part C for any TC Group for which a reduction amount was computed under Step 5 of Part B. The adjustments under this Part C will be made using the following procedures:

#### Step 1:

If $YTCOL_G / PBR_G \ge 0.90$	Then, no PBRAF adjustment will occur.
If $YTCOL_G / PBR_G > 1.00$	Then, no PBRAF adjustment will occur and any prior year adjustments made under C will be reversed pursuant to step 6.
If $YTCOL_G / PBR_G < 0.90$	Then, a PBRAF adjustment will be calculated pursuant to Steps 2 through 5.

For each TC Group not adjusted under Part B,

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

#### CNP 895

2/7/19 154

#### Where:

$YTCOL_G =$ year-to-year test collections for group $G = \Sigma YC_c^* FBU_c$	for all
classes (c) in Group (G)	

 $FBU_c$  = forecasted billing determinants for class c

 $YC_c$ = year-to-year test charge for class c = {PBRAF\_c\*PBR\_T}/FBU\_c^{-1}

 $PBRAF_c$  = the PBRAFs then in effect, or if an adjustment has been made under Part A, the adjusted PBRAFs from Part A

PBR<sub>T</sub>= total periodic billing requirement for upcoming period

 $FBU_c^{-1}$ =prior year's forecasted billing determinants for class c PBR<sub>G</sub>= periodic billing requirement for group =  $\Sigma$  PBRAF<sub>c</sub>\* PBR<sub>1</sub> for all classes in the group

Step 2:

For each TC Group in Step 1 where  $YTCOL_G / PBR_G < 0.90$ , a year to year reduction amount (YRED<sub>G</sub>) shall be calculated where

 $YRED_G = 0.9 (PBR_G - YTCOL_G)$ 

Step 3:

For all TC Groups, a year to year reallocation amount (YRA<sub>G</sub>) shall be calculated where:

 $YRA_G = GAP_G * \{\Sigma YRED_G\}$  for all groups

Where:

 $GAP_G = Group Allocation Percentage = \Sigma PBRAF_c$  for all classes in the group

### Step 4:

For all TC groups a year to year group allocation percentage adjustment (YGAPA<sub>G</sub>) shall be calculated where:

 $YGAPA_G = (YRA_G - YRED_G) / PBR_T$ 

Where  $\Sigma \text{ GAPA}_{\text{G}} = 0$  for all G

Revision Number: 12 <sup>th</sup>	1 2th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 1
	12	APR 2.3 2020 6 4 9 4 2 1	Effective: 1
		Ę	

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

#### CNP 895

#### Step 5:

For all TC classes, a year to year PBRAF adjustment (YPBRAFA<sub>c</sub>) shall be calculated for use in calculating adjustments to the Transition Charges under Section 8, Part A where:

#### $YPBRAFA_{c} = YGAPA_{G} * (PBRAF_{c}/GAP_{G})$

Step 6:

if  $\{\Sigma (YC_c * FBU_c)\}/\{\Sigma (YC_c * FBU_c^{t-1})\} \ge .90$  (for all classes in group G) then the adjustment made in year t shall be discontinued.

 $if{\Sigma (YC_c*FBU_c)}/{\Sigma (YC_c*FBU_c^{t-1})} \le .90$  (for all classes in group G) then the adjustment made in year t carries forward.

Where FBU<sub>c</sub><sup>t-1</sup> is the forecasted billing determinants from the year prior to the year an adjustment was made adjusted to reflect any adjustments made under part A between year t-1 and the current year.



Ą

Effective: 12/7/19

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

#### Part D: Adjustments to Base Class Allocations

The methodology used to allocate qualified costs and determine Transition Charges shall not be changed except in the limited circumstance described in this paragraph. If, but only if, the total retail stranded costs (determined pursuant to Section 39.253 of the Utilities Code) on a statewide basis exceed \$5 billion, then the qualified costs attributable to the Company's share of the statewide stranded costs in excess of \$5 billion shall be reallocated using the allocation methodology prescribed in Section 39.253(f) of the Utilities Code. The Company's share of the statewide stranded costs in excess of \$5 billion shall be determined by multiplying (i) the percentage obtained by dividing the Company's total stranded costs (determined pursuant to Section 39.253(f)) by the total statewide stranded costs (determined pursuant to Section 39.253(f)) by (ii) the amount by which the total statewide stranded costs (determined pursuant to Section 39.253(f) exceed \$5 billion. The qualified costs attributable to the Company's share of the statewide stranded costs shall then be determined by multiplying (i) the Company's share of the statewide stranded costs by (ii) the percentage obtained by dividing (a) the Company's stranded costs (determined pursuant to Section 39.253(f)) which were securitized pursuant to the Financing Order dated September 18, 2007 in Docket No. 34448 by (b) the Company's total stranded costs (determined pursuant to Section 39.253(f)). The Company shall file the adjustments required herein, within 45 days after the Commission issues any order determining a utility's stranded costs or regulatory assets that causes the total statewide stranded costs (determined pursuant to Section 39.253(f) to exceed \$5 billion or changes the amount by which the total statewide stranded costs (determined pursuant to Section 39.253(f)) exceed \$5 billion. Any changes in Transition Charges resulting from a change in the initial or adjusted PBRAFs under this Part D shall be made prospectively from the date of the Commission's order approving adjusted PBRAFs under this Part D. No change in an initial or adjusted PBRAF shall cause the sum of all PBRAFs to be more than or less than 100% or change the total Periodic Billing Requirement for any period. Transition Charges for services rendered prior to such effective date will not be changed. Future changes to the PBRAFs underlying the recomputed Transition Charges, if necessary under Parts A – D of this Section 6 will be computed pursuant to this Section 6 using the initial and adjusted PRBAFs as determined by the Commission pursuant to this Part D.



Sheet No. 6.7.3 Page 15 of 29

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

**SECTION 7: TRANSITION CHARGES** 

The Transition Charges to be applied beginning on the effective date of this Schedule TC3 are set out below. Transition Charges to be applied in subsequent periods (Adjusted Transition Charges) will be determined in the manner described in Section 8.

TRANSITION CHARGES				
TRANSITION CHARGE CLASS	PER UNIT CHARGE	BILLING UNIT		
Residential	\$0.000000	Per kWh		
MGS-T	\$0.000000	Per kW		
MGS-D	\$0.000000	Per kWh		
LGS-D	\$0.000000	Per kVa		
LGS-T	\$0.000000	Per kW		
LOS-A	\$0.000000	Per kW		
LOS-B	\$0.000000	Per kW		
Non-Metered Lighting	\$0.000000	Per kWh		
CAPPED CLASSES:				
Standby Electric Service-	\$0.000000	Per kW		
Distribution				
Interruptible Service Supplemental- Distribution	\$0.000000	Per kW		
Interruptible Service – Thirty Minute Notice	\$0.000000	Per kW		
Interruptible Service – Ten Minute Notice	\$0.000000	Per kW		
Interruptible Service – Instantaneous	\$0.000000	Per kW		
Interruptible Service Supplemental - Transmission	\$0.000000	Per kW		
Standby Electric Service - Transmission	\$0.000000	Per kW		
Standby Interruptible Service	\$0.000000	Per kW		
Special Contract Pricing	\$0.000000	Per kW		

The Transition Charges shall be applied on a kW basis for all service provided at Transmission voltage and for all service provided to Capped Classes and to any LGS customer that also received SES-Distribution service. The kW to be used in calculating the bill for those customers obligated to pay on a kW basis will be the highest kW for the month measured over a one hour period occurring on weekdays (Monday through Friday) during the sixteen hours beginning with and

Desisien Number		PUBLIC UTILITY COMMISSION OF TEXAS APPROVED		
Revision Number:	12	APR 2.3 2020	<b>DO</b> CKE <b>L</b>	4942 <b>1</b>

Effective: 12/7/19 157

٠

CNP 895

Sheet No. 6.7.3 Page 16 of 29

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

including the hour that ends at seven (a.m.) (07:00) and extending until the hour that ends at ten p.m. (22:00), local time (central standard or central daylight saving time, as appropriate).

Except for customers in the MGS class, the Transition Charges shall be applied on a kVa basis for all service provided at distribution voltage (other than service at distribution voltage to Capped Classes or to LGS customers that also received SES-Distribution service) and whose kVa is greater than 10 kVa in the billing month. The kVa will be the highest kVa measured over a 15 minute period during the month if the metering equipment has indicators for measuring and recording only the highest demand during the billing period, otherwise if the metering equipment measures and records continuously for all 15 minute periods the kVa will be the average of the 4 highest 15 minute periods measure during the billing period. If the demand meters used to meter service to a customer measure service is on a kW basis instead of a kVa basis or measure in intervals different than 15 minutes (*e.g.* 5, 10, 30 minutes) the transition charge to the customer will be based on the kW with the interval measurement period closest to a 15 minute period.

Transition Charges will be applied on a kWh basis for those customers with watt-hour meters and those customers with demand meters whose measured demand is 10 kVa or less, all Residential customers, all Non-Metered Lighting customers and all MGS customers served at distribution voltage.

Each retail customer shall be obligated to pay Transition Charges for its applicable class. The Transition Charge shall be applied to all service received by the customer during the applicable billing period. If a customer was taking service in more than one rate class through one point of service on April 30,1999, or on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, its Transition Charges shall be determined as follows:

- 1. For customers taking service under two or more rates through a single meter, the following order will be used to determine Transition Charges for the customer:
- (a) If the customer takes service in one or more Capped Classes (other than SCP) through a single meter, the service shall be allocated first to Capped Classes in ascending order of unit Transition Charges beginning with the Capped Class with the lowest unit Transition Charge. All service to the customer, up to the lesser of (i) the highest hourly on-peak kW for total premises load (Total kW) or the Monthly Cap for the class, shall be deemed to be service under the Capped Class with the lowest unit Transition Charge. If the Total kW is greater than the Monthly Cap for the class with lowest unit Transition Charge, the difference up to the Monthly Cap for the Capped Class with the next lowest unit Transition Charge. The remainder will then similarly be allocated to each other Capped Class

1

PUBLIC UTILITY COMMISSION OF TEXAS APPROVED Revision Number: 12<sup>th</sup> APR 2.3 2020 C 4 9 4 2 1 E

Effective: 12/7/19 158

Sheet No. 6.7.3 Page 17 of 29

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

under which the customer is served until the Total kW has been allocated or all applicable Monthly Caps have been reached.

- (b) If the total amount allocated to Capped Classes under (a) is less than the Total kW, the remainder, up to the Monthly Cap for SCP shall be deemed to be service provided under SCP.
- (c) Any amount remaining after the allocations in (a) and (b) will be deemed to be service provided under the Transition Charge Class (other than Capped Classes and SCP) that is applicable to the customer. If the customer is not otherwise taking service under any Transition Charge Class (other than Capped Classes and SCP) the amount remaining after the allocations in (a) and (b) shall be deemed to be service under LOS-A, if the customer is served at transmission voltage, or under LGS, if the customer is served at distribution voltage.

In addition, each customer which has New On-Site Generation shall pay an amount each month computed by multiplying the output of the on-site generation used to serve the internal electric requirements of the customer (either kW or kVa. as determined by the Transition Charge class for which the customer would qualify if it were being served by the Company or an REP) by the Transition Charge in effect for services provided to customers in that class during the month. This amount shall be in addition to any Transition Charges applicable to energy or demand actually delivered to the customer through the Company's or another T&D Provider's facilities.

# SECTION 8: STANDARD TRUE-UP FOR ADJUSTMENT OF TRANSITION CHARGES

Transition Charges will be adjusted annually effective on February 1st to ensure that the expected collection of Transition Charges is adequate to pay principal and interest on the transition bonds when due pursuant to the expected amortization schedule, and pay as due all other qualified costs. In addition to these annual true-up adjustments, true-up adjustments may be made more frequently at any time during the term of the transition bonds to correct any undercollection or overcollection, as provided for in the Financing Order, in order to assure timely payment of transition bonds based on rating agency and bondholder considerations. In addition to the foregoing, either of the following two conditions may result in an interim true-up adjustment in the month prior to an upcoming transition bond principal payment date:

(a) The collection of transition charges for the upcoming payment date will result in a difference that is greater than 5% in absolute value, between (i) the actual outstanding principal balances of the transition bonds plus amounts on deposit in the reserve subaccount and (ii) the outstanding principal balances anticipated in the target amortization schedule; or

Revision Number: 12<sup>th</sup> APR 2.3 2020 K 4 9 4 2 1

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

(b) To meet a rating agency requirement that any series of transition bonds be paid in full by the expected maturity date for any series of transition bonds that matures after a date determined mutually, at the time of pricing by CenterPoint Houston and the Commission's designated personnel or financial advisor.

In no event will interim true-up adjustments occur more frequently than every three months if quarterly transition bond payments are required or every six months if semi-annual transition bond payments are required; provided, however, that interim true-up adjustments for any transition bonds remaining outstanding during the fourteenth and fifteenth year after the bonds are issued may occur quarterly.

All annual and interim adjustments will be designed to cause (i) the outstanding principal balance of the transition bonds to be equal to the scheduled balance on the expected amortization schedule; (ii) the amount in the capital subaccount to be equal to the required capital plus any investment earnings on amounts in the capital subaccount to the extent that the investment earnings have not been released to the SPE and (iii) the reserve subaccount to be zero by the payment date immediately preceding the next adjustment or by the final payment date, if the next payment date is the final payment date.

### Part A: TRUE-UP ADJUSTMENT PROCEDURE FOR STANDARD AND INTERIM TRUE-UPS

Servicer will calculate the Adjusted Transition Charges using the methodology described below and will file the Adjusted Transition Charges with the Commission. Annual adjustments will be filed 15 days prior to the effective date of the Adjusted Transition Charges unless an adjustment to the PBRAFs is required under Section 6 (including Intra-Group Allocation Adjustments under Part D of Section 6) in which case the annual adjustment will be filed not later than 90 days prior to the effective date. Interim Adjustments will be filed not less than 15 days prior to the effective date of the Adjusted Transition Charges.

The Adjusted Transition Charge for the upcoming period for each class (TC<sub>c</sub>) shall be computed as follows:

For the residential class,

#### $TC_c = PBR_T * (PBRAF_c + PBRAFA_c + YPBRAFA_c^t) / FBU_c$

For classes in the Commercial and Industrial TC Groups, except if any class in the Industrial Group is forecast for the ensuing period to experience more than a 10% reduction in billing determinants

	PUBLIC UTILITY COMMISSIO APPROVED	N OF TEXAS	
Revision Number: 12 <sup>th</sup>	APR 2.3.2020 E 4	9421	Effective: 12/7/19 160
	Ť	•	

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

compared to the industrial base billing determinants for that class, then the transition charges for the classes within the Industrial TC Group will be determined according to Section 8, Part B:

 $TC_c = TC_c^{-1} \{\Sigma [PBR_T * (PBRAF_c+PBRAFA_c+YPBRAFA_c^t)] / \Sigma(TC_c^{-1}*FBU_c)\}$ For all classes in the applicable group.

Where

 $TC_c^{-1}$  = the transition charge for that class from the previous period

PBR<sub>T</sub>= Periodic Billing Requirement for the ensuing period (the 12 months beginning on the effective date of the adjusted transition charges in the case of annual true-ups and the period until the next scheduled annual true-up in the case of interim adjustments). The Periodic Billing Requirement will be the amounts required to pay principal and interest on the transition bonds when due pursuant to the expected amortization schedule, pay as due all other qualified costs, and recover any net system under-collections or credit any net system over-collections so that (i) the outstanding principal balance of the transition bonds will be equal to the scheduled balance on the expected amortization schedule; (ii) the amount in the capital subaccount will be equal to the required capital plus any investment earnings on amounts in the capital subaccount to the extent that the investment earnings have not been released to the SPE and (iii) the reserve subaccount will be zero by the payment date immediately preceding the next adjustment or by the final payment date, if the next payment date is the final payment date.

 $PBRAF_c =$  the PBRAFs then in effect, or if an adjustment has been made under Section 6, Part A, the adjusted PBRAFs from Section 6, Part A.

PBRAFA<sub>c</sub>= the adjustment (if any) from Section 6, Part B, Step 5

YPBRAFA<sub>c</sub><sup>t</sup>= the adjustment from Section 6, Part C, Step 5 for every year t in which an adjustment was made unless that adjustment was discontinued under Section 6, Part C, Step 6.

FBU<sub>c</sub>= the forecasted billing determinants for the upcoming period

#### Part B: Intra Industrial Group Adjustments Due to Cumulative Load Loss Not Attributable to Eligible Generation

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set Transition Charges for each Industrial Group Transition Charge Class during the ensuing year to the billing determinants for the period November 2003 through October 2004 (adjusted to exclude any billing determinants attributable

-			
	PUBLIC UTILITY COMMISS APPROVED		
Revision Number: 12 <sup>th</sup>	D		Effective: 12/7/19
	APR 2.3.2020 $\breve{K}$	4942 <b>1</b>	101
	Ê	•	

Sheet No. 6.7.3 Page 20 of 29

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

to Eligible Generation if any adjustment was made under Section 6, Part A after October 2004) (such billing determinants as adjusted are hereafter referred to as the "Industrial Base Year Billing Determinants"). The Transition Charges of all Transition Charge Classes in the Industrial TC Group will be adjusted if one or more Transition Charge Classes experience load loss (calculated excluding load loss attributable to Eligible Generation for which adjustments have been made under Section 6, Part A but including load loss attributable to small power production facilities of 10 megawatts or less) aggregating more than 10% on a cumulative basis when measured against the Industrial Base Year Billing Determinants. The adjustments under this Part B will be made using the following procedures:

Step 1:			
If FBU <sub>c</sub> /IBD <sub>c</sub> $\geq$ 0.90 for each Industrial TC Class	Then, no adjustments will occur under this Section 8, Part B and the transition charge for each Industrial TC class will be calculated under Section 8, Part A.		
If FBU <sub>c</sub> /IBD <sub>c</sub> < 0.90 for any Industrial TC Class (Load Loss Class)	Then, adjustments will be calculated pursuant to Steps 2 through 6.		
Where: FBU <sub>c</sub> = forecasted billing determinants for class c			
IBD <sub>c</sub> = Industrial Base Year Billing Determinants for class c			



Revision Number: 12th

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area Sheet No. 6.7.3 Page 21 of 29

**CNP 895** 

Step 2:

For each Industrial TC Class in Step 1 where  $FBU_c / IBD_c < 0.90$ , a reduction amount (RED<sub>c</sub>) will be calculated as follows:

 $RED_c = PBR_c - TCLL_C$ 

Where:

 $PBR_c = PBR_T * PBRAF_c$ 

 $TCLL_c = Test Collections with 10\% Load Loss for Class c = [PBR_c/(IBD_c * 0.9)] * FBU_c$ 

PBR<sub>T</sub> = total periodic billing requirement for upcoming period

PBRAF<sub>c</sub>= the PBRAFs then in effect, including any adjustment made under Section 6, Part A; plus any adjustment made under Section 6, Part B and Section 6, Part C unless the adjustment was discontinued.

#### Step 3:

For each Industrial TC class for which a reduction amount was not calculated in Step 2 and whose  $TC_c^{-1} \leq TC_{LOSA}^{-1}$ , a reallocation amount shall be calculated as follows:

 $RA_c = IAP_c * \Sigma RED_c$  for all classes

Where:

$IAP_{c} =$	Intra-Group Allocation Percentage for class $c = PBRAF_c / \Sigma PBRAF_c$ for all Industrial TC Classes for which a reduction amount was not calculated in Step
$TC_{LOSA}^{-1} =$	2 and whose $TC_c^{-1} \leq TC_{LOSA}^{-1}$ Transition Charge implemented for the LOSA TC class in the last true-up
- 0103A	filing
$TC_c^{-1} =$	Transition Charge implemented for class c in the last true-up filing



Í

4

Revision Number: 12<sup>th</sup>

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

#### Step 4:

The adjusted transition charge for a class (TC<sub>c</sub>) shall be calculated as follows:

For those Industrial TC Classes receiving a reallocation amount in Step 3:  $TC_c = [PBR_c + RA_c] / FBU_c$ 

For all other Industrial TC Classes:  $TC_c = [PBR_c - RED_c] / FBU_c$ 

#### Step 5:

Calculate the percent increase in the Transition Charge from the Base Year as follows:  $PI_c = (TC_c/TC_c^{BASE}) - 1$ 

Where:

 $TC_c$  = The adjusted transition charge calculated in Step 4

 $TC_c^{BASE}$  = The transition charge calculated using the Industrial Base Year Billing Determinants.

#### Step 6:

C. For any Industrial TC Class where PI is less than the PI for the TC Classes identified in Step 1 as Load Loss Classes:

 $TC_c^{FINAL} = TC_c$ 

D. If PI for any Industrial TC Class is greater than or equal to the PI for the Load Loss Classes identified in Step 1, then calculate an initial Equal Percent Increase for that class and the Load Loss Classes identified in Step 1:

 $TC_c^{FINAL} = TC_c^{BASE} * (1 + EPI^{INITIAL})$ 

Where:

 $EPI^{INITIAL}$  = initial Equal Percent Increase =  $\Sigma (TC_c * FBU_c) / \Sigma (TC_c^{BASE}*FBU_c)$  for only those Industrial TC Classes identified in Step 1 as Load Loss Classes and TC classes with a PI greater than or equal to those Industrial TC Load Loss Classes identified in Step 1.

C. In the event that EPI<sup>INITIAL</sup> for any Industrial TC Class, other than a Load Loss Class identified in Step 1, exceeds the PI<sub>c</sub> calculated in Step 5, then for that Class,

	PUBLIC UTILITY COMMISSION OF TEXAS	
Revision Number: 12 <sup>th</sup>	D	Effective: 12/7/19 164
	APR 2.3 2020 6 4 9 4 2 1	

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

$$TC_c^{FINAL} = TC_c$$

D. For the remaining classes, a final Equal Percent Increase will be calculated to reflect the exclusion of the Classes identified in Step 6, Parts A and C above as follows:

$$TC_{c}^{FINAL} = TC_{c}^{BASE} * (1 + EPI^{FINAL})$$

Where:

 $EPI^{FINAL}$  = final Equal Percent Increase =  $\Sigma$  (TC<sub>c</sub> \* FBU<sub>c</sub>)/ $\Sigma$  (TC<sub>c</sub><sup>BASE</sup>\*FBU<sub>c</sub>) for only those Industrial TC Classes remaining in Step 6, Part D.

#### SECTION 9: BILLING AND COLLECTION TERMS AND CONDITIONS

Transition Charges will be billed and collected as set forth in this ScheduleTC3. The terms and conditions for each party are set forth below.

- A. Billings by Servicer to other T or D Providers:
  - 1. Transition Charges applicable to former retail customers of the Company in multiply certificated service areas who are now taking service directly from other T or D Providers or through REPs served by other T or D Providers will be billed to and collected from the other T or D Provider, which, in turn will be responsible for collecting the Transition Charges from the retail customers and REPs.
  - 2. The T or D Provider shall pay all Transition Charges not later than 35 days after bill is mailed by Servicer. The T or D Provider shall make such payment regardless of whether it collects such charges from the end-use retail customer or REP.
- B. Billings by Servicer to New On-Site Generation:
  - 1. Customers subject to Transition Charges for New On-Site Generation shall pay such charges in full not later than sixteen days after the date the bill is mailed to the customer.
  - 2. Transition Charges applicable to New On-Site Generation are in addition to applicable transition charges under A above or C below.
  - 3. If the entity with New On-Site Generation receives transmission or distribution service from the Company or another T or D Provider, Servicer shall have the same right to terminate service or require the other provider to terminate service for

Revision Number: 12 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 12/7/19
	APR 2.3 2020 6 4 9 4 2 1	165 Lineerive: 12/1/19
	Ë	

Sheet No. 6.7.3 Page 23 of 29

CNP 895

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

non-payment of Transition Charges as the Company has to terminate service for non-payment of charges under the Company's rate schedules. Any termination shall comply with applicable Commission rules.

- C. Billings by the REP or its replacement to end-use customers:
  - 1. REPs will bill and collect, or cause to be billed and collected, all Transition Charges applicable to consumption by retail customers served by the REP.
  - 2. If Servicer is providing the metering, metering data will be provided to the REP at the same time as the billing. If Servicer is not providing the metering, the entity providing metering services will be responsible for complying with Commission rules and ensuring that Servicer and the REP will receive timely and accurate metering data in order for Servicer to meet its obligations under the Servicing Agreement and the Financing Order with respect to billing and true-ups.
  - 3. Each REP must (1) have a long-term, unsecured credit rating of not less than "BBB-" and "Baa3" (or the equivalent) from Standard & Poor's and Moody's Investors Service, respectively, or (2) provide (A) a deposit of two months' maximum expected Transition Charge collections in the form of cash, (B) an affiliate guarantee, surety bond, or letter of credit providing for payment of such amount of Transition Charge collections in the event that the REP defaults in its payment obligations, or (C) a combination of any of the foregoing. A REP that does not have or maintain the requisite long-term, unsecured credit rating may select which alternate form of deposit, credit support, or combination thereof it will utilize, in its sole discretion. The indenture trustee shall be the beneficiary of any affiliate guarantee, surety bond or letter of credit. The provider of any affiliate guarantee, surety bond, or letter of credit must have and maintain a long-term, unsecured credit ratings of not less than "BBB-" and "Baa3" (or the equivalent) from Standard & Poor's and Moody's Investors Service, respectively.
  - 4. If the long-term, unsecured credit rating from either Standard & Poor's or Moody's Investors Service of a REP that did not previously provide the alternate form of deposit, credit support, or combination thereof or of any provider of an affiliate guarantee, surety bond, or letter of credit is suspended, withdrawn, or downgraded below "BBB-" or "Baa3" (or the equivalent), the REP must provide the alternate form of deposit, credit support, or combination thereof, or new forms thereof, in each case from providers with the requisite ratings, within 10 business days following such suspension, withdrawal, or downgrade. A REP failing to make such provision must comply with the provisions set forth in paragraph 3 of Section D, Billings by Servicer to the REP or its replacement (when applicable).

#### PUBLIC UTILITY COMMISSION OF TEXAS APPROVED D

49421

APR 2.3.2020

Revision Number: 12<sup>th</sup>

Effective

1

Effective: 12/7/19 166

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

- 5. The computation of the size of a required deposit shall be agreed upon by Servicer and the REP, and reviewed no more frequently than quarterly to ensure that the deposit accurately reflects two months' maximum collections. Within 10 business days following such review, (1) the REP shall remit to the indenture trustee the amount of any shortfall in such required deposit or (2) Servicer shall instruct the indenture trustee to remit to the REP any amount in excess of such required deposit. A REP failing to so remit any such shortfall must comply with the provisions set forth in Paragraph 3 of the Section D, Billings by Servicer to the REP or its replacement (when applicable). REP cash deposits shall be held by the indenture trustee, maintained in a segregated account, and invested in short-term high quality investments, as permitted by the rating agencies rating the transition bonds. Investment earnings on REP cash deposits shall be considered part of such cash deposits so long as they remain on deposit with the indenture trustee. At the instruction of Servicer, cash deposits will be remitted with investment earnings to the REP at the end of the term of the transition bonds unless otherwise utilized for the payment of the REP's obligations for Transition Bond payments. Once the deposit is no longer required, Servicer shall promptly (but not later than 30 calendar days) instruct the indenture trustee to remit the amounts in the segregated accounts to the REP.
- 6. In the event that a REP or the Provider of Last Resort (POLR) is billing customers for Transition Charges, the REP shall have the right to transfer the customers to the POLR (or to another certified REP) or to direct Servicer to terminate transmission and distribution service to the end-use customer for non-payment by the end-use customer pursuant to applicable Commission rules.
- D. Billings by Servicer to the REP or its replacement (when applicable):
  - 1. Servicer will bill and collect from REPs all Transition Charges applicable to consumption by retail customers served by the REP, including applicable customers served by New On-Site Generation.
  - 2. Payments of Transition Charges are due 35 calendar days following each billing by Servicer to the REP, without regard to whether or when the REP receives payment from the end-use retail customers. Servicer shall accept payment by electronic funds transfer, wire transfer, and/or check. Payment will be considered received the date the electronic funds transfer or wire transfer is received by Servicer, or the date the check clears. A 5% penalty is to be charged on amounts received after 35 calendar days; however, a 10 calendar-day grace period will be allowed before the REP is considered to be in default. A REP in default must comply with the provisions set forth in paragraph 3 of this Section D. The 5% penalty will be a onetime assessment measured against the current amount overdue from the REP to Servicer. The "current amount" consists of the total unpaid Transition Charges

PUBLIC UTILITY COMMISSION OF TEXAS APPROVED APR 2 3.2020 Revision Number: 12<sup>th</sup> Effective: 12/7/19 49421

**CNP 895** 

167

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

existing on the 36<sup>th</sup> calendar day after billing by Servicer. Any and all such penalty payments will be made to the indenture trustee to be applied against Transition Charge obligations. A REP shall not be obligated to pay the overdue Transition Charges of another REP. If a REP agrees to assume the responsibility for the payment of overdue Transition Charges as a condition of receiving the customers of another REP that has decided to terminate service to those customers for any reason, the new REP shall not be assessed the 5% penalty upon such Transition Charges; however, the prior REP shall not be relieved of the previously-assessed penalties.

- 3. After the 10 calendar-day grace period (the 45<sup>th</sup> calendar day after the billing date), Servicer shall have the option to seek recourse against any cash deposit, affiliate guarantee, surety bond, letter of credit, or combination thereof provided by the REP, and avail itself of such legal remedies as may be appropriate to collect any remaining unpaid Transition Charges and associated penalties due Servicer after the application of the REP's deposit or alternate form of credit support. In addition, a REP that is in default with respect to the requirements set forth in paragraphs 4 and 5 of Section C and paragraph 2 of this Section D shall select and implement one of the following options:
  - (a) Allow the POLR or a qualified REP of the customer's choosing to immediately assume the responsibility for the billing and collection of Transition Charges.
  - (b) Immediately implement other mutually suitable and agreeable arrangements with Servicer. It is expressly understood that Servicer's ability to agree to any other arrangements will be limited by the terms of the Servicing Agreement and requirements of rating agencies that have rated the transition bonds necessary to avoid suspension, withdrawal or downgrade of the ratings on the transition bonds.
  - (c) Arrange that all amounts owed by retail customers for services rendered be timely billed and immediately paid directly into a lock-box controlled by Servicer with such amounts to be applied first to pay Transition Charges before the remaining amounts are released to the REP. All costs associated with this mechanism will be borne solely by the REP.

If a REP that is in default does not immediately select and implement one of the options specified in (a), (b) or (c) or, after so selecting one of the foregoing options, fails to adequately meet its responsibilities thereunder, then Servicer shall immediately implement option (a), subject to the limitations and requirements of the bankruptcy code if the REP is a debtor in bankruptcy. Upon re-establishment of compliance with the requirements set forth in paragraphs 4 and 5 of Section C

Revision Number: 12 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 12/7/19 168
Revision Number: 12	APR 2 3 2020 E 4 9 4 2 1	
	Ŧ	

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

and paragraph 2 of this Section D and the payment of all past-due amounts and associated penalties, the REP will no longer be required to comply with this paragraph 3.

- 4. The POLR appointed by the Commission must meet the minimum credit rating or deposit/credit support requirements described in paragraph 3 of Section C ("Billings by the REP or its Replacement to end-use customers") in addition to any other standards that may be adopted by the Commission. If the POLR defaults or is not eligible to provide such services, responsibility for billing and collection of Transition Charges will immediately be transferred to and assumed by Servicer until a new POLR can be named by the Commission or the customer requests the services of a certified REP. Retail customers may never be re-billed by the successor REP, the POLR, or Servicer for any amount of Transition Charges they have paid their REP (although future Transition Charges shall reflect REP and other system-wide charge-offs). Additionally, if the amount of the penalty detailed in paragraph 2 of this Section D is the sole remaining past-due amount after the 45<sup>th</sup> calendar day, the REP shall not be required to comply with clauses (a), (b) or (c) of paragraph 3 of this Section D, unless the penalty is not paid within an additional 30 calendar days.
- 5. In the event that Servicer is billing customers for Transition Charges, Servicer shall have the right to terminate transmission and distribution service to the end-use customer for non-payment by the end use customer pursuant to applicable Commission rules.
- 6. The REP will be allowed to hold back an allowance for charge-offs in its payments to Servicer. Such charge-off rate will be recalculated each year in connection with the annual true-up procedure. In the initial year, REPs will be allowed to remit payments based on the same charge-off percentage then being used by the REP to remit payments to the servicer in connection with transition charges related to transition bonds issued by CenterPoint Energy Transition Bond Company II, LLC on December 16, 2005. On an annual basis in connection with the true-up adjustment process, the REP and Servicer will be responsible for reconciling the amounts held back with amounts actually written off as uncollectible in accordance with the terms agreed to by the REP and Servicer, provided that:
  - (d) The REP's right to reconciliation for write-offs will be limited to customers whose service has been permanently terminated and whose entire accounts (*i.e.*, all amounts due the REP for its own account as well as the portion representing Transition Charges) have been written off.
  - (e) The REP's recourse will be limited to a credit against future Transition Charge payments unless the REP and Servicer agree to alternative

Revision Number: 12 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 12/7/19 169
	D	
	APR 2 3 2020	
	Ŧ	

Sheet No. 6.7.3 Page 28 of 29

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

arrangements, but in no event will the REP have recourse to the indenture trustee, the SPE or the SPE's funds for such payments.

- (f) The REP shall provide information on a timely basis to Servicer so that Servicer can include the REP's default experience and any subsequent credits into its calculation of the adjusted Transition Charge rates for the next transition charge billing period and the REP's rights to credits will not take effect until such adjusted Transition Charge rates have been implemented.
- 7. In the event that a REP disputes any amount of billed Transition Charges, the REP shall pay the disputed amount under protest according to the timelines detailed in paragraph 2 of this Section D. The REP and Servicer shall first attempt to informally resolve the dispute, but if they fail to do so within 30 calendar days, either party may file a complaint with the Commission. If the REP is successful in the dispute process (informal or formal), the REP shall be entitled to interest on the disputed amount paid to Servicer at the Commission-approved interest rate. Disputes about the date of receipt of Transition Charge payments (and penalties arising thereof) or the size of a required REP deposit will be handled in a like manner. It is expressly intended that any interest paid by Servicer on disputed amounts shall not be recovered through Transition Charges if it is determined that Servicer's claim to the funds is clearly unfounded. No interest shall be paid by Servicer if it is determined that Servicer has received inaccurate metering data from another entity providing competitive metering services pursuant to Utilities Code Section 39.107.
- 8. If Servicer is providing the metering, metering data will be provided to the REP at the same time as the billing. If Servicer is not providing the metering, the entity providing metering services will be responsible for complying with Commission rules and ensuring that Servicer and the REP will receive timely and accurate metering data in order for Servicer to meet its obligations under the Servicing Agreement and the Financing Order with respect to billing and true-ups.

#### **OTHER TERMS AND CONDITIONS**

If the customer or REP pays only a portion of its bill, a pro-rata portion of Transition Charge revenues shall be deemed to be collected. The Company will allocate any shortfall first, ratably based on the amount owed for Transition Charges and the amount owed for other fees and charges, other than late charges, owed to the Company or any successor, and second, all late charges shall be allocated to the Company or any successor.

If the Company does not regularly include the notice described below in the bills sent by it to REPs or directly to retail customers, then at least once each year the Company shall cause to be prepared and delivered to REPs and such customers a notice stating, in effect, that the amount billed includes

Revision Number: 12 <sup>th</sup>	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 12/7/19 170
	APR 2.3.2020 6 4 9 4 2 1	

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

CNP 895

Transition Charges which were authorized by the Financing Order dated September 18, 2007 and have been transferred to and are being collected on behalf of CenterPoint Energy Transition Bond Company III, LLC and are not owned by the Company. In the customer's initial bill from the REP and at least once each year thereafter, each REP that bills Transition Charges shall cause to be prepared and delivered to its customers a notice stating, in effect, that the amount billed includes Transition Charges which were authorized by the Financing Order dated September 18, 2007 and have been transferred to and are being collected on behalf of CenterPoint Energy Transition Bond Company III, LLC and are not owned by the REP or the Company, and that under certain circumstances described in Schedule TC3 Servicer may be permitted to collect the Transition Charges directly from the retail customer. Such notice shall be included either as an insert to or in the text of the bills delivered to such REPs or customers, as applicable, or shall be delivered to REPs or customers by electronic means or such other means as Servicer or the REP may from time to time use to communicate with their respective customers.



Sheet No. 6.7.4 Page 1 of 16

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

#### 6.1.1.2.4 SCHEDULE SRC - SYSTEM RESTORATION CHARGES

# **SECTION 1: APPLICABILITY**

This schedule sets out the rates and terms and conditions under which System Restoration Charges (SRC or SR Charges) will be billed and collected by CenterPoint Energy Houston Electric, LLC (Company), any successor servicer(s) and any retail electric providers (REP) or collection agents billing or collecting SR Charges on behalf of CenterPoint Energy Restoration Bond Company, LLC (SPE). The SR Charges were authorized by the Financing Order approved by the Public Utility Commission of Texas (Commission) in Docket No. 37200 on August 26, 2009 (Financing Order). Pursuant to terms of the Financing Order and the requirements of Section 36.401 et seq. of the Texas Utilities Code, all of the Company's rights under the Financing Order, including the right to bill and collect SR Charges and to adjust SR Charges pursuant to this Schedule SRC, were transferred to the SPE in connection with the issuance of system restoration bonds. The rights transferred to the SPE are "transition property" of the SPE (as defined in Section 39.304 of the Utilities Code). On the effective date of this Schedule SRC the Company will act as servicer on behalf of the SPE to bill, collect, receive and adjust SR Charges imposed pursuant to this Schedule SRC. However, the SPE may select another party to serve as servicer or the Company may resign as servicer in accordance with the terms and subject to the conditions of the Servicing Agreement and the Financing Order. A successor servicer selected under these conditions will assume the obligations of the Company as servicer under this Schedule SRC. As used in this Schedule SRC, the term "Servicer" includes any successor servicer. All actions by the Company under this Schedule SRC, including collection of SR Charges, will be undertaken solely in its role as servicer under the Servicing Agreement between the Company and the SPE dated as of November 25, 2009.

This schedule is applicable to:

- 1. Retail customers located within the certificated service area of Company as such service area existed on August 26, 2009 who receive electric distribution service through a REP served by the Company and to the facilities, premises and loads of such retail customers;
- 2. Retail customers located within Company's certificated service area as it existed on August 26, 2009 who are presently receiving distribution service either directly from another utility, electric cooperative or municipally owned utility (T or D Provider) or through a REP served by another T or D Provider, and whose request to change service to the other T or D Provider was made after August 26, 2009;
- 3. Retail customers located within Company's certificated service area as it existed on August 26, 2009 and who are served by New On-Site Generation. New On-Site Generation means "New On-Site Generation" as defined in the Financing Order.

Revision Number: 11th	PUBLIC UTILITY COMMISSION OF TEXAS	Effective: 10/15/19
Kevision number. Trui	D	
	APR 2.3 2020 E 4 9 4 2 1	172

- 4. REPs that serve retail customers located within Company's certificated service area as it existed on August 26, 2009.
- 5. Any other entity which, under the terms of the Financing Order or the Utilities Code, may be obligated to pay, bill, collect, or adjust the System Restoration Charges.

# SECTION 2: CHARACTER OF SYSTEM RESTORATION CHARGES

SR Charges are non-bypassable charges. All SR Charges other than those applicable to New On-Site Generation are computed and paid on the basis of individual end-use retail customer consumption or demand. In accordance with the Financing Order, the SR Charges applicable to use of New On-Site Generation that results in a "material reduction" of the customer's use of energy delivered through the Company's distribution facilities (as defined in the Financing Order) are computed and paid based on the output of the on-site generation used to meet the internal electric requirements of the customer. Customers with New On-Site Generation will also be required to pay the SR Charges applicable to energy actually delivered to the Customer through the Company's facilities. Individual end-use retail customers are responsible for paying SR Charges billed to them in accordance with the terms of this Schedule SRC whether the charges are billed directly by Servicer or are included in the bills submitted to the customer by a REP or another entity. Payment is to be made to the entity that bills the customer in accordance with the terms of the Servicing Agreement and the Financing Order. The billing entity may be the Company, a successor servicer, a REP or an entity designated to collect SR Charges in place of the REP.

The SR Charges are separate charges to be paid in addition to any other applicable charges for services received. Although the SR Charges are separate charges, they may be included within other charges of the billing entity.

The REP or entity designated to collect SR Charges in place of the REP will pay SR Charges (less an allowance for charge-offs calculated pursuant to this Schedule SRC) to Servicer in accordance with the requirements of the Financing Order and this Schedule SRC whether or not it has collected the SR Charges from its customers. To the extent that the REP's actual charge-offs differ from the charge-off allowance, adjustments will be made pursuant to this Schedule SRC. The REP will have no right to reimbursement other than as expressly set out in this Schedule SRC.

Servicer will remit collections to the SPE in accordance with the terms of the Servicing Agreement.

# **SECTION 3: TERM**

This Schedule SRC is effective beginning on the date the system restoration bonds are issued. Schedule SRC will remain in effect as provided in the Financing Order until the SR Charges collected and remitted to the SPE are sufficient to satisfy all obligations of the SPE to pay principal

and interest on the system restoration bonds (as due over the 13-year term of the system restoration

Revision Number: 11th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 10/15/19
	APR 2.3.2020 E 4 9 4 2 1	173

4

CenterPoint Energy Houston Electric, LLC

Applicable: Entire Service Area

bonds) and to pay all other qualified costs as provided in the Financing Order. However, in no event will the SR Charges be billed for service provided after 15 years from issuance of the system restoration bonds, or sooner if the system restoration bonds are paid in full at an earlier date. This Schedule SRC is irrevocable.

#### SECTION 4: SYSTEM RESTORATION CHARGE CLASSES

SR Charges are calculated and applied by SRC Class. There are 5 SRC Classes. Each SRC Class is defined in terms of the base rate tariff classes existing on the Company's system on August 26, 2009. The SRC Classes are:

Residential Service Secondary Service Less Than or Equal to 10 kVA Secondary Service Greater than 10 kVA Primary Service Lighting Services

# SECTION 5: PERIODIC BILLING REQUIREMENT ALLOCATION FACTORS

The initial Periodic Billing Requirement Allocation Factors ("PBRAF") for each SRC Class are set out below. These initial PBRAFs will remain in effect throughout the life of the system restoration bonds unless a modification of the factors is made pursuant to the allocation factor adjustment provisions in Section 6 of this Schedule SRC:

SRC CLASS	PBRAF
Residential Service	64.9176%
Secondary Service Less Than or Equal to 10 kVA	3.3795%
Secondary Service Greater than 10 kVA	24.9808%
Primary Service	2.0000%
Lighting Services	4.7221%

INITIAL PERIODIC BILLING REQUIREMENT ALLOCATION FACTORS

# SECTION 6: ALLOCATION FACTOR ADJUSTMENTS

The PBRAFs will be subject to adjustment using the procedures in this Section 6. Any adjustment required under this Section 6 will be made effective on the date of an annual Standard True-up

Adjustment. Required adjustments will be made in the following order: first, adjustments will be made under Part A; second, adjustments will be made under Part B.

Revision Number: 11th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 10/15/19
	APR 2.3 2020 8 4 9 4 2 1	174

175

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

For purposes of determining whether an allocation adjustment is required under Parts A and B of this Section 6 and adjusting PBRAFs pursuant to those Parts, the SRC Classes will be combined into two groups (SRC Groups) as follows:

SRC GROUP	SRC CLASSES	INITIAL GROUP ALLOCATION PERCENTAGE
Residential	Residential	64.9176%
Non-Residential	All other SRC Classes	35.0824%

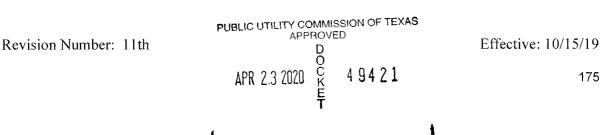
#### **SRC GROUPS**

#### Part A: Inter-Group Adjustments Due to Cumulative Load Loss

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set SR Charges for each SRC Class during the ensuing year to the billing determinants in effect on the original effective date of Schedule SRC (such billing determinants are hereafter referred to as the "Base Billing Determinants"). The PBRAFs of all SRC Classes in all SRC Groups will be adjusted if one or more SRC Groups experience load loss aggregating 50% or more on a cumulative basis when measured against the Base Billing Determinants. The adjustments under this Part A will be made using the following procedures:

Step 1:

For each SRC Group, if $CTCOL_G / PBR_G \ge$	Then, no PBRAF adjustment will occur
0.50	and any adjustment made in previous years
	under Part A shall be reversed
For each SRC Group, if CTCOL <sub>G</sub> / PBR <sub>G</sub> <	Then, a PBRAF adjustment will be
0.50	calculated pursuant to Steps 2 through 5.



£

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

#### Where:

 $CTCOL_G$  = cumulative test collections for group G =  $\Sigma CC_c^* FBU_c$  for all classes (c) in Group (G)

 $FBU_c$  = forecasted billing determinants for class c

 $CC_c$ = cumulative test charge for class c = {PBRAF\_c\*PBR\_T}/BBD\_c

PBRAF<sub>c</sub>= the PBRAFs then in effect PBR<sub>T</sub>= total periodic billing requirement for upcoming period

 $BBD_c$ = Base Billing Determinants for class c  $PBR_G$ = periodic billing requirement for group =  $\Sigma PBRAF_c$ \*  $PBR_T$  for all classes in G

Step 2:

For each SRC Group in Step 1 where  $CTCOL_G / PBR_G < 0.50$ , a reduction amount (RED<sub>G</sub>) will be calculated for group G where RED<sub>G</sub>= 0.5 (PBR<sub>G</sub> - CTCOL<sub>G</sub>)

Step 3:

For all SRC Groups, a reallocation amount for that group (RA<sub>G</sub>) shall be calculated where:  $RA_G = GAP_G * \{\Sigma RED_G\}$  for all Groups

Where:

 $GAP_G = Group Allocation Percentage = \Sigma PBRAF_c$  for all classes in the group

Step 4:

For all SRC groups a Group Allocation Percentage Adjustment (GAPA<sub>G</sub>) shall be calculated where:

$$GAPA_G = (RA_G - RED_G) / PBR_T$$

Where:

$$\Sigma \text{ GAPA}_G = 0 \text{ for all } G$$

Step 5:

For all SRC classes, the PBRAF adjustment for class c (PBRAFA<sub>c</sub>) will be calculated for use in calculating adjustments to the SR Charges under Section 8 where

$$PBRAFA_c = GAPA_G * (PBRAF_c/GAP_G)$$

Revision Number: 11th

PUBLIC UTILITY COMMISSION OF TEXAS APPROVED D

OCKET

49421

APR 2.3.2020

Effective: 10/15/19

Sheet No. 6.7.4 Page 6 of 16

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

#### Part B: Inter-Group Adjustments Due to Year-Over-Year Load Loss

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set SR Charges for each SRC Class during the ensuing year to the forecasted billing determinants used to develop the then currently effective SR Charges for the class (such amount is hereinafter referred to as the "Prior Year Billing Determinants"). The PBRAFs of all SRC Classes in all SRC Groups will be adjusted if (i) one or more SRC Groups experience load loss of 10% or greater on a year-over-year basis when compared to the Prior Year Billing Determinants or (ii) any SRC Group for which an adjustment was made under this Part B in one or more prior years experiences load growth resulting in projected billing determinants for the current year at a level which, if they had existed in one or more of such prior year(s) would have resulted in no adjustment to PBRAFs in such prior year(s). No reduction in PBRAFs will be made under this Part B for any SRC Group for which a reduction amount was computed under Step 5 of Part A. The adjustments under this Part B will be made using the following procedures:

Step 1:

For each SRC Group not adjusted under Part A,

If $YTCOL_G / PBR_G \ge 0.90$	Then, no PBRAF adjustment will occur.
If $YTCOL_G / PBR_G > 1.00$	Then, no PBRAF adjustment will occur and any prior year adjustments made under B will be reversed pursuant to step 6.
If $YTCOL_G / PBR_G < 0.90$	Then, a PBRAF adjustment will be calculated pursuant to Steps 2 through 5.
$YTCOL_G = year-to-year test colleclasses (c) in Group (G)FBUc = forecasted billing determi$	ections for group $G = \Sigma YC_c^* FBU_c$ for all inants for class c
	class $c = {PBRAF_c*PBR_T} / FBU_c^{-1}$
$PBRAF_c$ = the PBRAFs then in eff $PBR_T$ = total periodic billing requi	
FBU <sub>c</sub> <sup>-1</sup> =prior year's forecasted bi PBR <sub>G</sub> = periodic billing requireme classes in the group	lling determinants for class c ent for group = $\Sigma$ PBRAF <sub>c</sub> * PBR <sub>T</sub> for all

Step 2:

Revision Number: 11th

PUBLIC UTILITY CO		
APR 2.3.2020	<b>DOCKE</b>	49421

Effective: 10/15/19

Sheet No. 6.7.4 Page 7 of 16

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area For each SRC Group in Step 1 where YTCOL<sub>G</sub> / PBR<sub>G</sub> < 0.90, a year to year reduction amount (YRED<sub>G</sub>) shall be calculated where

$$YRED_G = 0.9 (PBR_G - YTCOL_G)$$

Step 3:

For all SRC Groups, a year to year reallocation amount (YRA<sub>G</sub>) shall be calculated where:

 $YRA_G = GAP_G * \{\Sigma YRED_G\}$  for all groups

Where:

 $GAP_G = Group Allocation Percentage = \Sigma PBRAF_c$  for all classes in the group

Step 4:

For all SRC groups a year to year group allocation percentage adjustment (YGAPA<sub>G</sub>) shall be calculated where:

 $YGAPA_G = (YRA_G - YRED_G) / PBR_T$ 

Where  $\Sigma \text{ GAPA}_{\text{G}} = 0$  for all G

Step 5:

For all SRC classes, a year to year PBRAF adjustment (YPBRAFA<sub>c</sub>) shall be calculated for use in calculating adjustments to the SR Charges under Section 8 where:

 $YPBRAFA_{c} = YGAPA_{G} * (PBRAF_{c}/GAP_{G})$ 

Step 6:

if  $\{\Sigma (YC_c * FBU_c)\}/\{\Sigma (YC_c * FBU_c^{l-1})\} \ge .90$  (for all classes in group G) then the adjustment made in year t shall be discontinued.

if  $\{\Sigma (YC_c*FBU_c)\}/\{\Sigma (YC_c*FBU_c^{t-1})\} < .90$  (for all classes in group G) then the adjustment made in year t carries forward.

Where  $FBU_c^{t-1}$  is the forecasted billing determinants from the year prior to the year an adjustment was made.

# SECTION 7: SYSTEM RESTORATION CHARGES

Revision Number: 11th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 10/15/19
	APR 2 3 2020 E 4 9 4 2 1	178

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

The SR Charges to be applied beginning on the effective date of this Schedule SRC are set out below. SR Charges to be applied in subsequent periods (Adjusted SR Charges) will be determined in the manner described in Section 8.

SRC CLASS	PER UNIT CHARGE	BILLING UNIT
Residential Service	\$0.000850	Per kWh
Secondary Service Less Than or Equal to 10 kVA	\$0.001242	Per kWh
Secondary Service Greater than 10 kVA	\$0.091756	Per Billing kVA
Primary Service	\$0.067647	Per Billing kVA
Lighting Services	\$0.006446	Per kWh

# SYSTEM RESTORATION CHARGES

The billing units are defined as in the base rate tariff. Any change in determination of these billing units will be effective for this Schedule SRC at the next annual true-up adjustment.

In addition, each customer which has New On-Site Generation shall pay an amount each month computed by multiplying the output of the on-site generation used to serve the internal electric requirements of the customer (Billing kVA) by the SR Charge in effect for services provided to customers in that class during the month. This amount shall be in addition to any SR Charges applicable to demand actually delivered to the customer through the Company's or another T&D Provider's facilities.

#### SECTION 8: STANDARD TRUE-UP FOR ADJUSTMENT OF SR CHARGES

SR Charges will be adjusted annually effective on October 15th to ensure that the expected collection of SR Charges is adequate to pay principal and interest on the system restoration bonds when due pursuant to the expected amortization schedule, and pay as due all other qualified costs. In addition to these annual true-up adjustments, true-up adjustments may be made more frequently at any time during the term of the system restoration bonds to correct any under-collection or over-collection of system restoration charges, as provided for in the Financing Order, in order to assure timely payment of system restoration bonds based on rating agency and bondholder considerations. In addition to the foregoing, either of the following two conditions may result in an interim true-up adjustment in the month prior to an upcoming system restoration bond principal payment date:

(a) The collection of SR Charges for the upcoming payment date will result in a difference that is greater than 5% in absolute value, between (i) the actual outstanding principal balances of the system restoration bonds plus amounts

Revision Number: 11th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 10/15/19
	APR 2 3 2020 E 4 9 4 2 1	179

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

on deposit in the excess funds subaccount and (ii) the outstanding principal balances anticipated in the target amortization schedule; or

(b) To meet a rating agency requirement that any series of system restoration bonds be paid in full by the expected maturity date for any series of system restoration bonds that matures after a date determined mutually, at the time of pricing by the Company and the Commission's designated personnel or financial advisor.

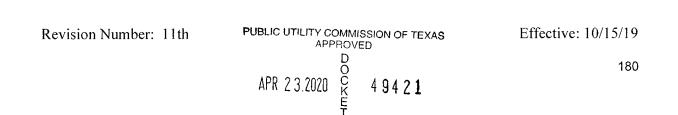
In no event will interim true-up adjustments occur more frequently than every three months if quarterly system restoration bond payments are required or every six months if semi-annual system restoration bond payments are required; provided, however, that interim true-up adjustments for any system restoration bonds remaining outstanding during the fourteenth and fifteenth year after the bonds are issued may occur quarterly.

All annual and interim adjustments will be designed to cause (i) the outstanding principal balance of the system restoration bonds to be equal to the scheduled balance on the expected amortization schedule; (ii) the amount in the capital subaccount to be equal to the required capital plus any investment earnings on amounts in the capital subaccount to the extent that the investment earnings have not been released to the SPE and (iii) the excess funds subaccount to be zero by a payment date preceding the next adjustment or by the final payment date, if the next payment date is the final payment date.

#### TRUE-UP ADJUSTMENT PROCEDURE FOR STANDARD AND INTERIM TRUE-UPS

Servicer will calculate the Adjusted SR Charges using the methodology described below and will file the Adjusted SR Charges with the Commission. Annual adjustments will be filed 15 days prior to the effective date of the Adjusted SR Charges unless an adjustment to the PBRAFs is required under Section 6 in which case the annual adjustment will be filed not later than 90 days prior to the effective date. Interim Adjustments will be filed not less than 15 days prior to the effective date of the Adjusted SR Charges.

The Adjusted SR Charge for the upcoming period for each class (SRC<sub>c</sub>) shall be computed as follows:



CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

For the residential class,

#### SRC<sub>c</sub>= PBR<sub>T</sub>\*(PBRAF<sub>c</sub>+PBRAFA<sub>c</sub>+YPBRAFA<sub>c</sub><sup>t</sup>)/FBU<sub>c</sub>

For classes in the Non-Residential SRC Group:

 $SRC_c = SRC_c^{-1} \{\Sigma [PBR_T * (PBRAF_c + PBRAFA_c + YPBRAFA_c^{\dagger})] / \Sigma (SRC_c^{-1} * FBU_c)\}$ For all classes in the non-residential group,

Where

 $SRC_c^{-1}$  = the SR charge for that class from the previous period

 $PBR_T = Periodic Billing Requirement for the ensuing period (the 12 months beginning on the effective date of the adjusted SR Charges in the case of annual true-ups and the period until the next scheduled annual true-up in the case of interim adjustments). The Periodic Billing Requirement will be the amounts required to pay principal and interest on the system restoration bonds when due pursuant to the expected amortization schedule, pay as due all other qualified costs, and recover any net system under-collections or credit any net system over-collections so that (i) the outstanding principal balance of the system restoration bonds will be equal to the scheduled balance on the expected amortization schedule; (ii) the amount in the capital subaccount will be equal to the required capital plus any investment earnings have not been released to the SPE and (iii) the excess funds subaccount will be zero by a payment date preceding the next adjustment or by the final payment date, if the next payment date is the final payment date.$ 

 $PBRAF_c = the PBRAFs$  then in effect.

PBRAFA<sub>c</sub>= the adjustment (if any) from Section 6, Part A, Step 5

YPBRAFA<sub>c</sub><sup>t</sup>= the adjustment from Section 6, Part B, Step 5 for every year t in which an adjustment was made unless that adjustment was discontinued under Section 6, Part B, Step 6.

FBU<sub>c</sub>= the forecasted billing determinants for the upcoming period



#### **SECTION 9: BILLING AND COLLECTION TERMS AND CONDITIONS**

SR Charges will be billed and collected as set forth in this Schedule SRC. The terms and conditions for each party are set forth below.

- A. Billings by Servicer to other T or D Providers:
  - 1. SR Charges applicable to former retail customers of the Company in multiply certificated service areas who are now taking service directly from other T or D Providers or through REPs served by other T or D Providers will be billed to and collected from the other T or D Provider, which, in turn will be responsible for collecting the SR Charges from the retail customers and REPs.
  - 2. The T or D Provider shall pay all SR Charges not later than 35 days after bill is mailed by Servicer. The T or D Provider shall make such payment regardless of whether it collects such charges from the end-use retail customer or REP.
- B. Billings by Servicer to New On-Site Generation:
  - 1. Customers subject to SR Charges for New On-Site Generation shall pay such charges in full not later than sixteen days after the date the bill is mailed to the customer.
  - 2. SR Charges applicable to New On-Site Generation are in addition to applicable SR Charges under A above or C below.
  - 3. If the entity with New On-Site Generation receives transmission or distribution service from the Company or another T or D Provider, Servicer shall have the same right to terminate service or require the other provider to terminate service for non-payment of SR Charges as the Company has to terminate service for non-payment of charges under the Company's rate schedules. Any termination shall comply with applicable Commission rules.
- C. Billings by the REP or its replacement to end-use customers:

\_

- 1. REPs will bill and collect, or cause to be billed and collected, all SR Charges applicable to consumption by retail customers served by the REP.
- 2. If Servicer is providing the metering, metering data will be provided to the REP at the same time as the billing. If Servicer is not providing the metering, the entity providing metering services will be responsible for complying with Commission rules and ensuring that Servicer and the REP will receive timely and accurate

Revision Number: 11th	PUBLIC UTILITY COMMISSION OF TEXAS	Effective: 10/15/19
	APR 2 3 2020	182

#### CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

metering data in order for Servicer to meet its obligations under the Servicing Agreement and the Financing Order with respect to billing and true-ups.

- 3. Each REP must (1) have a long-term, unsecured credit rating of not less than "BBB-" and "Baa3" (or the equivalent) from Standard & Poor's and Moody's Investors Service, respectively, or (2) provide (A) a deposit of two months' maximum expected SR Charge collections in the form of cash, (B) an affiliate guarantee, surety bond, or letter of credit providing for payment of such amount of SR Charge collections in the event that the REP defaults in its payment obligations, or (C) a combination of any of the foregoing. A REP that does not have or maintain the requisite long-term, unsecured credit rating may select which alternate form of deposit, credit support, or combination thereof it will utilize, in its sole discretion. The indenture trustee shall be the beneficiary of any affiliate guarantee, surety bond or letter of credit. The provider of any affiliate guarantee, surety bond, or letter of credit must have and maintain a long-term, unsecured credit rating of not less than "BBB-" and "Baa3" (or the equivalent) from Standard & Poor's and Moody's Investors Service, respectively.
- 4. If the long-term, unsecured credit rating from either Standard & Poor's or Moody's Investors Service of a REP that did not previously provide the alternate form of deposit, credit support, or combination thereof or of any provider of an affiliate guarantee, surety bond, or letter of credit is suspended, withdrawn, or downgraded below "BBB-" or "Baa3" (or the equivalent), the REP must provide the alternate form of deposit, credit support, or combination thereof, or new forms thereof, in each case from providers with the requisite ratings, within 10 business days following such suspension, withdrawal, or downgrade. A REP failing to make such provision must comply with the provisions set forth in paragraph 3 of Section D, Billings by Servicer to the REP or its replacement (when applicable).
- 6. The computation of the size of a required deposit shall be agreed upon by Servicer and the REP, and reviewed no more frequently than quarterly to ensure that the deposit accurately reflects two months' maximum collections. Within 10 business days following such review, (1) the REP shall remit to the indenture trustee the amount of any shortfall in such required deposit or (2) Servicer shall instruct the indenture trustee to remit to the REP any amount in excess of such required deposit. A REP failing to so remit any such shortfall must comply with the provisions set forth in Paragraph 3 of the Section D, Billings by Servicer to the REP or its replacement (when applicable). REP cash deposits shall be held by the indenture trustee, maintained in a segregated account, and invested in short-term high quality investments, as permitted by the rating agencies rating the system restoration bonds. Investment earnings on REP cash deposits will be remitted with the indenture trustee. At the instruction of Servicer, cash deposits will be remitted with investment earnings to

Revision Number: 11th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 10/15/19
	APR 2 3 2020 K 4 9 4 2 1	183

#### CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

the REP at the end of the term of the system restoration bonds unless otherwise utilized for the payment of the REP's obligations for System Restoration Bond payments. Once the deposit is no longer required, Servicer shall promptly (but not later than 30 calendar days) instruct the indenture trustee to remit the amounts in the segregated accounts to the REP.

- 6. In the event that a REP or the Provider of Last Resort (POLR) is billing customers for SR Charges, the REP shall have the right to transfer the customers to the POLR (or to another certified REP) or to direct Servicer to terminate transmission and distribution service to the end-use customer for non-payment by the end-use customer pursuant to applicable Commission rules.
- D. Billings by Servicer to the REP or its replacement (when applicable):
  - 1. Servicer will bill and collect from REPs all SR Charges applicable to consumption by retail customers served by the REP, including applicable customers served by New On-Site Generation.
  - 2. Payments of SR Charges are due 35 calendar days following each billing by Servicer to the REP, without regard to whether or when the REP receives payment from the end-use retail customers. Servicer shall accept payment by electronic funds transfer, wire transfer, and/or check. Payment will be considered received the date the electronic funds transfer or wire transfer is received by Servicer, or the date the check clears. A 5% penalty is to be charged on amounts received after 35 calendar days; however, a 10 calendar-day grace period will be allowed before the REP is considered to be in default. A REP in default must comply with the provisions set forth in paragraph 3 of this Section D. The 5% penalty will be a onetime assessment measured against the current amount overdue from the REP to Servicer. The "current amount" consists of the total unpaid SR Charges existing on the 36<sup>th</sup> calendar day after billing by Servicer. Any and all such penalty payments will be made to the indenture trustee to be applied against SR Charge obligations. A REP shall not be obligated to pay the overdue SR Charges of another REP. If a REP agrees to assume the responsibility for the payment of overdue SR Charges as a condition of receiving the customers of another REP that has decided to terminate service to those customers for any reason, the new REP shall not be assessed the 5% penalty upon such SR Charges; however, the prior REP shall not be relieved of the previously-assessed penalties.
  - 3. After the 10 calendar-day grace period (the 45<sup>th</sup> calendar day after the billing date), Servicer shall have the option to seek recourse against any cash deposit, affiliate guarantee, surety bond, letter of credit, or combination thereof provided by the REP, and avail itself of such legal remedies as may be appropriate to collect any remaining unpaid SR Charges and associated penalties due Servicer after the

Revision Number: 11th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 10/15/19
	APR 2 3.2020 4 94 2 1	184

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

> application of the REP's deposit or alternate form of credit support. In addition, a REP that is in default with respect to the requirements set forth in paragraphs 4 and 5 of Section C and paragraph 2 of this Section D shall select and implement one of the following options:

- (a) Allow the POLR or a qualified REP of the customer's choosing to immediately assume the responsibility for the billing and collection of SR Charges.
- (b) Immediately implement other mutually suitable and agreeable arrangements with Servicer. It is expressly understood that Servicer's ability to agree to any other arrangements will be limited by the terms of the Servicing Agreement and requirements of rating agencies that have rated the system restoration bonds necessary to avoid suspension, withdrawal or downgrade of the ratings on the system restoration bonds.
- Arrange that all amounts owed by retail customers for services rendered be (c) timely billed and immediately paid directly into a lock-box controlled by Servicer with such amounts to be applied first to pay SR Charges before the remaining amounts are released to the REP. All costs associated with this mechanism will be borne solely by the REP.

If a REP that is in default does not immediately select and implement one of the options specified in (a), (b) or (c) or, after so selecting one of the foregoing options, fails to adequately meet its responsibilities thereunder, then Servicer shall immediately implement option (a), subject to the limitations and requirements of the bankruptcy code if the REP is a debtor in bankruptcy. Upon re-establishment of compliance with the requirements set forth in paragraphs 4 and 5 of Section C and paragraph 2 of this Section D and the payment of all past-due amounts and associated penalties, the REP will no longer be required to comply with this paragraph 3.

The POLR appointed by the Commission must meet the minimum credit rating or 4. deposit/credit support requirements described in paragraph 3 of Section C ("Billings by the REP or its Replacement to end-use customers") in addition to any other standards that may be adopted by the Commission. If the POLR defaults or is not eligible to provide such services, responsibility for billing and collection of SR Charges will immediately be transferred to and assumed by Servicer until a new POLR can be named by the Commission or the customer requests the services of a certified REP. Retail customers may never be re-billed by the successor REP, the POLR, or Servicer for any amount of SR Charges they have paid their REP (although future SR Charges shall reflect REP and other systemwide charge-offs). Additionally, if the amount of the penalty detailed in paragraph

	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	
Revision Number: 11th	D	Effective: 10/15/19
	APR 2 3 2020 E 4 9 4 2 1	185

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

2 of this Section D is the sole remaining past-due amount after the  $45^{th}$  calendar day, the REP shall not be required to comply with clauses (a), (b) or (c) of paragraph 3 of this Section D, unless the penalty is not paid within an additional 30 calendar days.

- 5. In the event that Servicer is billing customers for SR Charges, Servicer shall have the right to terminate transmission and distribution service to the end-use customer for non-payment by the end use customer pursuant to applicable Commission rules.
- 6. The REP will be allowed to hold back an allowance for charge-offs in its payments to Servicer. Such charge-off rate will be recalculated each year in connection with the annual true-up procedure. In the initial year, REPs will be allowed to remit payments based on the same charge-off percentage then being used by the REP to remit payments to the servicer in connection with transition charges related to transition bonds issued by CenterPoint Energy Transition Bond Company II, LLC on December 16, 2005. On an annual basis in connection with the true-up adjustment process, the REP and Servicer will be responsible for reconciling the amounts held back with amounts actually written off as uncollectible in accordance with the terms agreed to by the REP and Servicer, provided that:
  - (a) The REP's right to reconciliation for write-offs will be limited to customers whose service has been permanently terminated and whose entire accounts (*i.e.*, all amounts due the REP for its own account as well as the portion representing SR Charges) have been written off.
  - (b) The REP's recourse will be limited to a credit against future SR Charge payments unless the REP and Servicer agree to alternative arrangements, but in no event will the REP have recourse to the indenture trustee, the SPE or the SPE's funds for such payments.
  - (c) The REP shall provide information on a timely basis to Servicer so that Servicer can include the REP's default experience and any subsequent credits into its calculation of the adjusted SR Charge rates for the next SR charge billing period and the REP's rights to credits will not take effect until such adjusted SR Charge rates have been implemented.
- 7. In the event that a REP disputes any amount of billed SR Charges, the REP shall pay the disputed amount under protest according to the timelines detailed in paragraph 2 of this Section D. The REP and Servicer shall first attempt to informally resolve the dispute, but if they fail to do so within 30 calendar days, either party may file a complaint with the Commission. If the REP is successful in the dispute process (informal or formal), the REP shall be entitled to interest on the disputed amount paid to Servicer at the Commission-approved interest rate.

Revision Number: 11th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 10/15/19
Kevision Number. Trui	APR 2 3 2020 K 4 9 4 2 1	186

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

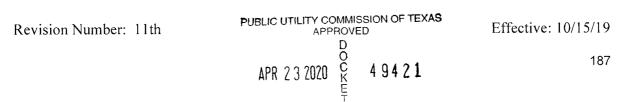
Disputes about the date of receipt of SR Charge payments (and penalties arising thereof) or the size of a required REP deposit will be handled in a like manner. It is expressly intended that any interest paid by Servicer on disputed amounts shall not be recovered through SR Charges if it is determined that Servicer's claim to the funds is clearly unfounded. No interest shall be paid by Servicer if it is determined that Servicer has received inaccurate metering data from another entity providing competitive metering services pursuant to Utilities Code Section 39.107.

8. If Servicer is providing the metering, metering data will be provided to the REP at the same time as the billing. If Servicer is not providing the metering, the entity providing metering services will be responsible for complying with Commission rules and ensuring that Servicer and the REP will receive timely and accurate metering data in order for Servicer to meet its obligations under the Servicing Agreement and the Financing Order with respect to billing and true-ups.

#### **OTHER TERMS AND CONDITIONS**

If the customer or REP pays only a portion of its bill, a pro-rata portion of SR Charge revenues shall be deemed to be collected. The Company will allocate any shortfall first, ratably based on the amount owed for SR Charges and the amount owed for other fees and charges, other than late charges, owed to the Company or any successor, and second, all late charges shall be allocated to the Company or any successor.

If the Company does not regularly include the notice described below in the bills sent by it to REPs or directly to retail customers, then at least once each year the Company shall cause to be prepared and delivered to REPs and such customers a notice stating, in effect, that the amount billed includes SR Charges which were authorized by the Financing Order dated August 26, 2009 and have been transferred to and are being collected on behalf of CenterPoint Energy Restoration Bond Company, LLC and are not owned by the Company. In the customer's initial bill from the REP and at least once each year thereafter, each REP that bills SR Charges shall cause to be prepared and delivered to its customers a notice stating, in effect, that the amount billed includes SR Charges which were authorized by the Financing Order dated August 26, 2009 and have been transferred to and are being collected on behalf of CenterPoint Energy Restoration Bond Company, LLC and are not owned by the REP or the Company, and that under certain circumstances described in Schedule SRC Servicer may be permitted to collect the SR Charges directly from the retail customer. Such notice shall be included either as an insert to or in the text of the bills delivered to such REPs or customers, as applicable, or shall be delivered to REPs or customers by electronic means or such other means as Servicer or the REP may from time to time use to communicate with their respective customers.



#### 6.1.1.2.5 SCHEDULE TC5 - TRANSITION CHARGES

#### **SECTION 1: APPLICABILITY**

This schedule sets out the rates and terms and conditions under which Transition Charges will be billed and collected by CenterPoint Energy Houston Electric, LLC (Company), any successor servicer(s) and any retail electric providers (REP) or collection agents billing or collecting Transition Charges on behalf of CenterPoint Energy Transition Bond Company IV, LLC (SPE). The Transition Charges were authorized by the Financing Order approved by the Public Utility Commission of Texas (Commission) in Docket No. 39809 on October 27, 2011 (Financing Order). Pursuant to terms of the Financing Order and the requirements of Section 39.301 et seq. of the Texas Utilities Code, all of the Company's rights under the Financing Order, including the right to bill and collect Transition Charges and to adjust Transition Charges pursuant to this Schedule TC5, were transferred to the SPE in connection with the issuance of transition bonds. The rights transferred to the SPE are "transition property" of the SPE (as defined in Section 39.304 of the Utilities Code). On the effective date of this Schedule TC5 the Company will act as servicer on behalf of the SPE to bill, collect, receive and adjust Transition Charges imposed pursuant to this Schedule TC5. However, the SPE may select another party to serve as servicer or the Company may resign as servicer in accordance with the terms and subject to the conditions of the Servicing Agreement and the Financing Order. A successor servicer selected under these conditions will assume the obligations of the Company as servicer under this Schedule TC5. As used in this Schedule TC5, the term "Servicer" includes any successor servicer. All actions by the Company under this Schedule TC5, including collection of Transition Charges, will be undertaken solely in its role as servicer under the Servicing Agreement between the Company and the SPE dated as of January 19, 2012.

This schedule is applicable to:

- 1. Retail customers located within the certificated service area of Reliant Energy HL&P (HL&P) as such service area existed on May 1, 1999 who receive electric transmission and/or distribution service through a REP served by the Company and to the facilities, premises and loads of such retail customers;
- 2. Retail customers located within HL&P's certificated service area as it existed on May 1, 1999 who are presently receiving transmission and/or distribution service either directly from another utility, electric cooperative or municipally owned utility (T or D Provider) or through a REP served by another T or D Provider, and whose request to change service to the other T or D Provider was made after May 1, 1999;

Revision Number: 9th

PUBLIC UTILITY COMMISSION OF TEXAS APPROVED D O APR 2.3 2020 C K T APR 2.3 2020 C K APR 2.3 2020 C K T

Effective: 12/15/19

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

- 3. Retail customers located within HL&P's certificated service area as it existed on May 1, 1999 and who are served by New On-Site Generation. New On-Site Generation means "New On-Site Generation" as defined in Section 25.345(c)(1) of the Commission's Substantive Rules.
- 4. REPs that serve retail customers located within HL&P's certificated service area as it existed on May 1, 1999.
- 5. Any other entity which, under the terms of the Financing Order or the Utilities Code, may be obligated to pay, bill, collect, or adjust the Transition Charges.
- 6. This schedule is applicable to public retail customers located within HL&P's certificated service area as it existed on May 1, 1999 who purchase power from the General Land Office as provided for in the Utilities Code, Section 35.102.

# SECTION 2: CHARACTER OF TRANSITION CHARGES

Transition Charges are non-bypassable charges. All Transition Charges other than those applicable to New On-Site Generation are computed and paid on the basis of individual end-use retail customer consumption or demand. In accordance with Utilities Code Section 39.252(b) and Section 25.345(i)(3) of the Commission's Substantive Rules, the Transition Charges applicable to use of New On-Site Generation that results in a "material reduction" of the customer's use of energy delivered through the Company's transmission and distribution facilities (as defined in Section 25.345(i)(4) of the Commission's Substantive Rules) are computed and paid based on the output of the on-site generation used to meet the internal electric requirements of the customer. Customers with New On-Site Generation will also be required to pay the Transition Charges applicable to energy actually delivered to the Customer through the Company's facilities. Individual end-use retail customers are responsible for paying Transition Charges billed to them in accordance with the terms of this Schedule TC5 whether the charges are billed directly by Servicer or are included in the bills submitted to the customer by a REP or another entity. Payment is to be made to the entity that bills the customer in accordance with the terms of the Servicing Agreement and the Financing Order. The billing entity may be the Company, a successor servicer, a REP or an entity designated to collect Transition Charges in place of the REP.

The Transition Charges are separate charges to be paid in addition to any other applicable charges for services received. Although the Transition Charges are separate charges, they may be included within other charges of the billing entity.

The REP or entity designated to collect Transition Charges in place of the REP will pay Transition Charges (less an allowance for charge-offs calculated pursuant to this Schedule TC5) to Servicer in accordance with the requirements of the Financing Order and this Schedule TC5 whether or not it has collected the Transition Charges from its customers. To the extent that the REP's actual

Revision Number: 9th	PUBLIC UTILITY COMMISS APPROVED		Effective: 12/15/19
	APR 2 3 2020	49421	189

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

charge-offs differ from the charge-off allowance, adjustments will be made pursuant to this Schedule TC5. The REP will have no right to reimbursement other than as expressly set out in this Schedule TC5.

Servicer will remit collections to the SPE in accordance with the terms of the Servicing Agreement.

#### **SECTION 3: TERM**

This Schedule TC5 is effective beginning on the date the transition bonds are issued. Schedule TC5 will remain in effect as provided in the Financing Order until the Transition Charges collected and remitted to the SPE are sufficient to satisfy all obligations of the SPE to pay principal and interest on the transition bonds (as due over the 13-year term of the transition bonds) and to pay all other qualified costs as provided in the Financing Order. However, in no event will the Transition Charges be billed for service provided after 15 years from issuance of the transition bonds, or sooner if the transition bonds are paid in full at an earlier date. This Schedule TC5 is irrevocable.

#### **SECTION 4: TRANSITION CHARGE CLASSES**

Transition Charges are calculated and applied by Transition Charge Class. There are 15 Transition Charge Classes, nine of which are Capped Classes. Each Transition Charge Class is defined in terms of the base rate tariff classes that existed on HL&P's system on September 1, 1999 ("pre-restructuring rate schedules"). The Transition Charge Classes are defined as follows:

**Residential Class:** The Residential Class is made up of (i) every customer that was served under HL&P rate schedule RS or RTD on the day before the customer discontinued taking service from HL&P under a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under pre-restructuring rate schedules would have qualified for service under HL&P's rate schedules RS or RTD.

**MGS Class:** The MGS Class is made up of (i) every customer that was served under HL&P rate schedule MGS on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under a pre-restructuring rate schedule would have qualified for service under HL&P's rate schedule MGS and whose demand is estimated by the Company to be less than 400 kVa. This class includes customers served under Rider GLTC. Customers served under rate schedules EIS, HVP and CSB are included in the MGS class if the customer's contract for service from HL&P provided that the MGS rate was the basis for pricing.

LGS Class: The LGS Class is made up of (i) every customer that was served under HL&P rate schedule LGS on the day before the customer discontinued taking service from HL&P

٤



Effective: 12/15/19

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

on a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under a pre-restructuring rate schedule would have qualified for service under HL&P's rate schedules LGS and whose demand as estimated by the Company, if served at less than 60,000 volts, is 400 kVa or greater; or if served at 60,000 volts or greater, is at least 400 kVa but less than 2,000 kVa. This class includes customers served under Rider SEI. Customers served under rate schedules EIS, HVP and CSB are included in the LGS class if the customer's contract for service from HL&P provided that the LGS rate was the basis for pricing.

LOS-A Class: The LOS-A Class is made up of (i) every customer that was served under HL&P rate schedule LOS-A on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, and (ii) each new customer that was not served by HL&P under any pre-restructuring rate schedule, but is the type of customer which, if it had been served by HL&P under a pre-restructuring rate schedule would have qualified for service under HL&P's rate schedule LOS-A and has a demand as estimated by the Company of 2,000 kVa or greater. Customers served under rate schedules EIS and HVP are included in the LOS-A class if the customer's contract for service from HL&P provided that the LOS-A rate was the basis for pricing.

**LOS-B Class:** The LOS-B Class is made up of every customer that was served under HL&P rate schedule LOS-B on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule. Customers that were not served by HL&P under any pre-restructuring rate schedule may not be included in this class.

**Non-Metered Lighting Class:** The Non-Metered Lighting Class is made up of (i) every customer that was served under HL&P rate schedules SPL, MLS or MTA on the day before the customer discontinued taking service from HL&P on a pre-restructuring rate schedule, and (ii) each new customer which was not served by HL&P under any pre-restructuring rate schedule, but is taking outdoor lighting services which are provided on an unmetered basis using lighting fixtures controlled by photo-electric devices which would have qualified for service under HL&P's pre-restructuring rate schedules SPL, MLS and MTA.

In addition to the six Transition Charge Classes described above, there will be nine additional Transition Charge Classes, each of which is a capped class ("Capped Classes"). Each of the Capped Classes will be made up solely of customers that actually received service from HL&P during the 12-month period ended April 30, 1999 under the HL&P rate schedule related to the class and any SIP customers with a contract effective date after April 30, 1999 and before January 1, 2002. The nine Capped Classes, and the related rate schedule, are as follows:

Capped Class	Related Rate Schedule
Standby Electric Service – Distribution	SES
Interruptible Service Supplemental – Distribution	ISS

**Revision Number: 9th** 

APR 2 3 2020

Effective: 12/15/19

Capped Class	Related Rate Schedule
Interruptible Service – 30 minute notice	IS-30
Interruptible Service – 10 minute notice	IS-10 & SIP
Interruptible Service – Instantaneous	IS-I
Interruptible Service Supplemental – Transmission	ISS
Standby Electric Service – Transmission	SES
Standby Interruptible Service	SBI
Special Contract Pricing	SCP

Each customer in one or more of the nine Capped Classes will be charged the Transition Charges for the applicable class only for service the customer actually receives during the billing period up to the Monthly Cap. The Monthly Cap for each customer will be based on the amount of service the customer received under the related rate schedule during the 12-month period ended April 30, 1999 or for any SIP customer, the Monthly Cap will be based on the customer's average monthly interruptible demand corresponding to the initial MFC under the customer's SIP contract effective after April 30, 1999 and before January 1, 2002, and calculated as follows:

(1) For customers which took stand alone standby service (SBI and/or SES without other service), the Monthly Cap for SBI and SES will be the highest demand under the respective rate, during the 12-month period ended April 30, 1999. If a customer began service under SES and/or SBI after April 30, 1999, the Monthly Cap for such customer's will be the highest demand under rate SES or SBI, as applicable, during the period from April 30, 1999 to January 1, 2002, if the customer provides the Company adequate documentation that (i) the additional load served was on-site load normally served by the customer's on-site generation and (ii) the customer's on-site generation was out of service due to forced outage or maintenance. If the customer does not provide the required documentation, the additional load will be billed using the Transition Charges applicable to the LGS Class for distribution voltage customers or LOS-A Class for transmission voltage customers.

(2) For customers which took SBI and/or SES in combination with other services, the Transition Charge for additional load taken in excess of the Monthly Cap will be the Transition Charge for the LOS-A class restated and applied as a cents per KWh charge if the customer provides the Company adequate documentation that (i) the additional load was lawfully served without use of the Company's transmission and distribution facilities and (ii) the customer's on-site generation was out of service due to forced outage or maintenance. If the customer does not provide the required documentation, the additional load will be billed using the Transition Charges applicable to the LOS-A Class for transmission voltage customers applied on a kW basis.

(3) For any SCP customer that also received service under a non-Capped Class, the SCP rate will have a Monthly Cap based on the amount of service the customer received

ŝ

Revision Number: 9th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED D	Effective: 12/15/19
	APR 2.3 2020	192

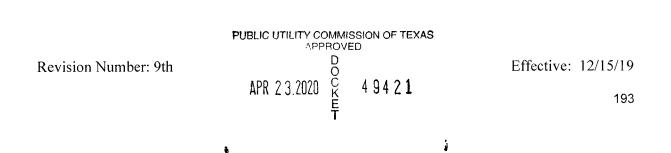
under the SCP rate schedule during the 12-month period ended April 30, 1999. The Monthly Cap will be the customer's monthly maximum hourly kW under the SCP rate schedule during the peak hours as defined herein, summed for the 12-month period ended April 30, 1999 and divided by the number of months during which the customer actually consumed power under the SCP rate schedule.

(4) For all other customers in Capped Classes, the Monthly Cap will be the customer's monthly maximum hourly kW under the related rate schedule during the peak hours as defined herein, summed for the 12-month period ended April 30, 1999 or alternate period applicable to any SIP customer and divided by the number of months during which the customer actually consumed power under the rate schedule. For monthly service in excess of the Monthly Cap(s), the charge associated with customer's non-capped Transition Charge Class will apply. If the customer is served at distribution voltage and did not have service associated with one of the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LGS Class for all monthly service in excess, the customer is served at transmission voltage and did not have service associated with one of the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LGS Class for all monthly service in excess of its Monthly Cap. If the customer is served at transmission voltage and did not have service associated with one of the six non-capped Transition Charge Classes, the customer will be required to pay the Transition Charges applicable to the LGS Class for all monthly service in excess of its Monthly Cap.

The categories of service historically provided by HL&P ceased to exist after electric business activities were unbundled pursuant to Section 39.051 of the Utilities Code. Similarly, since the advent of customer choice under Section 39.102 of the Utilities Code, retail customers receive service that may not only have different names, but may have different characteristics than the service historically provided by HL&P. The classifications set out in the preceding paragraphs will be applied to determine the Transition Charge applicable to each customer without regard to the descriptions that may be used to describe the services currently provided to retail customers.

#### SECTION 5: PERIODIC BILLING REQUIREMENT ALLOCATION FACTORS

The initial Periodic Billing Requirement Allocation Factors ("PBRAF") for each Transition Charge Class are set out below. These initial PBRAFs will remain in effect throughout the life of the transition bonds unless a modification of the factors is made pursuant to the allocation factor adjustment provisions in Section 6 of this Schedule TC5:



CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

TRANSITION CHARGE	PBRAF
CLASS	
Residential	40.6106%
MGS	30.2232%
LGS	16.7709%
LOS-A	4.3673%
LOS-B	2.5279%
Non-Metered Lighting	0.6205%
CAPPED CLASSES	
Standby Electric Service-	
Distribution	0.0304%
Interruptible Service	
Supplemental- Distribution	0.1053%
Interruptible Service – Thirty	
Minute Notice	0.7007%
Interruptible Service – Ten	
Minute Notice	1.1652%
Interruptible Service –	
Instantaneous	0.1266%
Interruptible Service	
Supplemental – Transmission	0.0560%
Standby Electric Service –	
Transmission	0.2617%
Standby Interruptible Service	0.1271%
Special Contract Pricing	2.3066%

# INITIAL PERIODIC BILLING REQUIREMENT ALLOCATION FACTORS

# SECTION 6: ALLOCATION FACTOR ADJUSTMENTS

The PBRAFs will be subject to adjustment using the procedures in this Section 6. Any adjustment required under this Section 6 will be made effective on the date of an annual Standard True-up Adjustment. Required adjustments will be made in the following order: first, adjustments will be made under Part A; second, adjustments will be made under Part B; and third, adjustments will be made under Part C.

For purposes of determining whether an allocation adjustment is required under Parts B and C of this Section 6 and adjusting PBRAFs pursuant to those Parts, the Transition Charge Classes will be combined into three groups (TC Groups) as follows:



2

TC GROUPS		
TC GROUP	TRANSITION CHARGE CLASSES	INITIAL GROUP ALLOCATION PERCENTAGE
Residential	Residential	40.6106%
Commercial	MGS, LGS, Non-Metered Lighting	47.6146%
Industrial	All other Transition Charge Classes	11.7748%

#### Part A: Adjustments Due to Load Loss Qualifying under Utilities Code Section 39.262(k)

The PBRAFs shall be adjusted consistent with the Utilities Code to reflect the loss of loads due to operations of facilities that are "Eligible Generation" as defined in PUC Subst. Rule 25.345 (c) (2) ("Eligible Generation") except that this Part A shall not apply to, and the term "Eligible Generation" shall not include, load loss due to installation and operation of small power production facilities with a rated capacity of 10 megawatts or less. Any adjustments required under this Part A will be calculated as follows:

Step 1 – The Company will determine the amount of service provided during the twelve months ended April 30, 1999 that has been replaced by Eligible Generation (excluding amounts reflected in either the Initial PBRAFs or a prior adjustment under this Part A) and sum the losses by Transition Charge Class.

Step 2 – The Company will recalculate the PBRAFs for all Transition Charge Classes using the spreadsheet and data used to compute the initial PBRAFs but reducing the demand allocation factors for each Transition Charge Class to reflect the cumulative losses for that class as calculated under Step 1 (including losses for which PBRAF adjustments were made in prior years). No other changes to the spreadsheet or data used to compute the initial PBRAFs will be made. Appendix A to this Schedule TC5 contains the spreadsheet and data used to compute the initial PBRAFs.

Step 3 – An Adjusted Group Allocation Percentage for each TC Group shall then be calculated as the sum of the Adjusted PBRAFs (computed under Step 2) for all Transition Charge Classes within the TC Group.

# Part B: Inter-Group Adjustments Due to Cumulative Load Loss Not Attributable to Eligible Generation

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set Transition Charges for each Transition Charge Class during the ensuing year to the billing determinants in effect on the original effective date of

Revision Number: 9th	PUBLIC UTILITY COMMISSION OF TEXAS APPROVED	Effective: 12/15/19
	APR 2.3 2020 4 9 4 2 1	195

CenterPoint Energy Houston Electric, LLC Applicable: Entire Service Area

Schedule TC5 (adjusted to exclude any billing determinants attributable to Eligible Generation if any adjustment was made under Part A after the original effective date) (such billing determinants as adjusted are hereafter referred to as the "Base Billing Determinants"). The PBRAFs of all Transition Charge Classes in all TC Groups will be adjusted if one or more TC Groups experience load loss (calculated excluding load loss attributable to Eligible Generation for which adjustments have been made under Part A but including load loss attributable to small power production facilities of 10 megawatts or less) aggregating 50% or more on a cumulative basis when measured against the Base Billing Determinants. The adjustments under this Part B will be made using the following procedures:

Step 1:

For each TC Group, if CTCOL <sub>G</sub> / PBR <sub>G</sub> ≥ 0.50	Then, no PBRAF adjustment will occur and any adjustment made in previous years under Part B shall be reversed	
For each TC Group, if CTCOL <sub>G</sub> / PBR <sub>G</sub> < 0.50	Then, a PBRAF adjustment will be calculated pursuant to Steps 2 through 5.	
Where:	· · · · · · · · · · · · · · · · · · ·	
CTCOL <sub>G</sub> = cumulative test collections for group $G = \Sigma CC_c^* FBU_c$ for all classes (c) in Group (G)		
$FBU_c$ = forecasted billing determinants for class c		
$CC_c$ = cumulative test charge for class c = {PBRAF_c*PBR_T}/ BBD_c		
PBRAF <sub>c</sub> = the PBRAFs then in effect, or if an adjustment has been made under Part A, the adjusted PBRAFs from Part A		
PBR <sub>T</sub> = total periodic billing requirement for upcoming period		
$BBD_c$ = Base Billing Determinants for class c $PBR_G$ = periodic billing requirement for group = $\Sigma PBRAF_c^* PBR_T$ for all classes in G		

Step 2: For each TC Group in Step 1 where  $CTCOL_G / PBR_G < 0.50$ , a reduction amount (RED<sub>G</sub>) will be calculated for group G where RED<sub>G</sub>= 0.5 (PBR<sub>G</sub> - CTCOL<sub>G</sub>)

PUBLIC UTILITY COMMISSION OF TEXAS							
Revision Number: 9th	D	Effective: 12/15/19					
	APR 2 3.2020 4 9 4 2 1	196					

ł

# Step 3:

For all TC Groups, a reallocation amount for that group (RA<sub>G</sub>) shall be calculated where:  $RA_G = GAP_G * \{\Sigma RED_G\}$  for all Groups

Where:

 $GAP_G = Group Allocation Percentage = \Sigma PBRAF_c$  for all classes in the group

# Step 4:

For all TC groups a Group Allocation Percentage Adjustment (GAPA<sub>G</sub>) shall be calculated where:

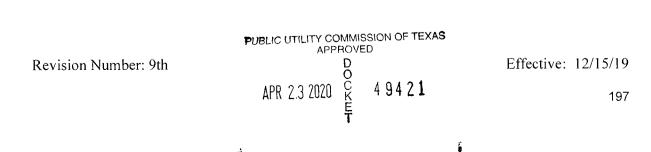
 $GAPA_G = (RA_G - RED_G) / PBR_T$ 

 $\Sigma \text{ GAPA}_{\text{G}} = 0 \text{ for all } \text{G}$ 

#### Step 5:

For all TC classes, the PBRAF adjustment for class c (PBRAFAc) will be calculated for use in calculating adjustments to the Transition Charges under Section 8, Part A where

 $PBRAFA_c = GAPA_G * (PBRAF_c/GAP_G)$ 



ż

# Part C: Inter-Group Adjustments Due to Year-Over-Year Load Loss Not Attributable to Eligible Generation

In connection with each annual Standard True-up Adjustment, the Company will compare the projected billing determinants being used to set Transition Charges for each Transition Charge Class during the ensuing year to the forecasted billing determinants used to develop the then currently effective Transition Charges for the class minus the Eligible Generation load loss for the class determined in Step 1 of Part A after the billing determinant for the currently effective Transition Charges was determined (such adjusted amount is hereinafter referred to as the "Prior Year Billing Determinant"). The PBRAFs of all Transition Charge Classes in all TC Groups will be adjusted if (i) one or more TC Groups experience load loss (calculated excluding load loss attributable to Eligible Generation for which adjustments have been made under Part A but including load loss attributable to small power production facilities of 10 megawatts or less) of 10% or greater on a year-over-year basis when compared to the Prior Year Billing Determinants or (ii) any TC Group for which an adjustment was made under this Part C in one or more prior years experiences load growth resulting in projected billing determinants for the current year at a level which, if they had existed in one or more of such prior year(s) would have resulted in no adjustment to PBRAFs in such prior year(s). No reduction in PBRAFs will be made under this Part C for any TC Group for which a reduction amount was computed under Step 5 of Part B. The adjustments under this Part C will be made using the following procedures:

Tor each TC Group not adjusted and	// i u t D,		
If $YTCOL_G / PBR_G \ge 0.90$	Then, no PBRAF adjustment will occur.		
If $YTCOL_G / PBR_G > 1.00$	Then, no PBRAF adjustment will occur		
	and any prior year adjustments made under		
	C will be reversed pursuant to step 6.		
If $YTCOL_G / PBR_G < 0.90$	Then, a PBRAF adjustment will be		
	calculated pursuant to Steps 2 through 5.		

Step 1:					
For each TC Group	not	adjusted	under	Part	Β.

4