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SECTION 3: FACILITY EXTENSIONS TO SEMI-PERMANENT RETAIL CUSTOMER ELECTRICAL INSTALLATIONS

Certain types of Retail Customer Electrical Installations do not fully meet the criteria for classification as permanent, but they are not regarded as temporary because a certain degree of permanency exists. For Facility Extensions to these Retail Customer Electrical Installations, Company installs, at its expense, only transformers, meters and service drops. Any other line construction will be done by the Company at Retail Customer expense, including any costs for rights-of-way clearing and tree-trimming. Retail Customer Electrical Installations in this classification include, but are not limited to, livestock water wells, sign boards, concrete or asphalt batch plants, railroad crossing signals, telemetry stations, motor-operated valves, postage stations, amateur athletic facilities constructed on lease property, cable television power supply facilities, irrigation wells, grain dryers, flood control pumps, microwave stations, pipeline rectifier stations, oil well pumping units, down-hole pumps, salt water disposal, and any other facilities of a similar, non-permanent nature.

Certain Retail Customer Electrical Installations, such as fire pumps, may require construction by the Company to provide service which may seldom or never be used. When service is extended to a Retail Customer in this classification, the Retail Customer will be charged the total cost of construction, including the cost of transformers, meters, service drops and other materials and labor.

For bus stop shelters owned by Metropolitan Rapid Transit Authorities and located on or adjacent to public rights-of-way designated for the loading and unloading of passengers for mass transit motorbuses, the Company installs, at its expense, only the service transformer. The Company will make the connection from the Retail Customer's service drops to the Company's transformer/point of service. Any other construction, for the sole purpose of extending service to connect to the Retail Customer's service drops, will be done by the Company at Retail Customer expense.

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SECTION 4: FACILITY EXTENSIONS TO TEMPORARY RETAIL CUSTOMER ELECTRICAL INSTALLATIONS

Facility Extensions for temporary Retail Customer Electrical Installations to be used for construction-related activities or other short-term purposes (e.g., firework stands and Christmas tree lots) may be installed, at the Company's option, on the basis of the Retail Customer paying all of the costs of installation and removal of the Facility Extension up front.

A Retail Customer is offered a conditional refund agreement if service is requested in advance of construction of a permanent facility to which service would be extended, at Company expense, in accordance with the appropriate line-extension plan. The agreement requires the Retail Customer to pay the estimated installation and removal costs of Company equipment and provides for a refund of the installation costs if the Retail Customer constructs permanent facilities within 24 months from the date electric delivery service facilities are made available. The amount of the refund is capped at the Standard Allowance, and any expenses involved in altering Company facilities to transition them from providing a temporary service to providing a permanent service are charged against the refund amount.

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SECTION 5: FACILITY EXTENSIONS TO RETAIL CUSTOMER PREMISES WITH ON-SITE DISTRIBUTED GENERATION

Facility Extensions to Retail Customer Premises containing distributed generation as defined in section 25.211 of the Commission's rules will be governed by Section 2 of this Construction Services Policy and the Interconnection and Parallel Operation of Distributed Generation agreement between Company and Retail Customer. Retail Customers with on-site distributed generation greater than 2 MW (at a 1.0 power factor) must install transfer trip protective equipment at the Retail Customer's expense as determined by the Company's pre-interconnection study. Retail Customers with on-site distributed generation greater than 300 kW but less than or equal to 2 MW (at a 1.0 power factor) may also be required to install transfer trip protective equipment but could be eligible for other applicable unintentional islanding protection schemes in lieu of transfer trip, such as reverse power protection, as determined by the Company's pre-interconnection study.

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SECTION 6: CONSTRUCTION SERVICES FOR STREET LIGHTING SERVICE

This section of the Construction Services Policy applies to Retail Customers requesting Street Lighting Service pursuant to the Company's Rate Schedule for Street Lighting Service.

**Subsection 6.1- Incorporated Areas
Municipalities**

Street lighting systems are installed, owned, and maintained by the Company only on public streets, roadways or other public access areas. Only standard street lighting components specified by the Company are utilized in these installations. 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.

Within corporate limits, street lighting service is available, under Rate Lighting Services, to the requirements of any city which has granted a franchise to the Company where facilities of adequate capacity and suitable voltage are adjacent to the lamps or street lighting system to be served. Every effort is made by the Company to install street lighting systems in accordance with standards of the Illuminating Engineering Society.

**Street Lights Mounted On Existing Distribution Poles and Served
by Overhead Conductors**

On dedicated streets or roads with overhead distribution lines, street lights are mounted on existing distribution poles and served by overhead conductors. Any construction required, other than the installation of a street lighting fixture and one span of secondary conductor on an existing Company pole, is at Retail Customer expense.

**Street Lights Mounted on Ornamental Standards and Served
by Underground Conductors**

The Company installs street lights mounted on ornamental standards and served by underground conductors on dedicated streets that are paved, have curbs and gutters, and on which no overhead electric distribution lines are located. The Company will allow an amount as specified below toward the cost of construction. A contribution must be paid to the Company for any additional costs associated with the installation.

Company Contribution per Lamp

Cost of Company's installation,
but not to exceed \$1,804.00

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In residential areas, the Company will contribute in a calendar year, the total cost of installation for up to 6% of the number of 9,500 or 6,000 lumen lamps in service the previous year or 50 lamps, whichever is greater. A municipality may request that a portion of the residential street lights, to be provided under this paragraph, be installed, instead, in commercial areas, provided however that the municipality shall pay any additional cost of installing lights in commercial instead of residential areas.

Relocations and Removals

Street lighting facilities are not relocated for Retail Customer benefit or convenience unless approval for the new location has been received in writing from the proper municipal authority and provided the relocation does not create operating problems and is not objectionable to other parties. All costs of such relocation work are borne by the Retail Customer.

The Retail Customer may request Company to remove any or all of the facilities installed hereunder by paying to the Company charges in accordance with those specified in Section 6.1.2.1 Uniform Discretionary Charges.

Annexed Areas

In areas that have been annexed by a municipality which has granted the Company a franchise but which has not authorized the Company to operate existing street lights in such areas at the expense of the municipality, street lights will be billed in accordance with the Retail Customer's existing service agreement.

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Subsection 6.2- Unincorporated Areas

Street lighting systems are installed, owned, and maintained by the Company only on public streets, roadways or other public access areas. Only standard street lighting components specified by the Company are utilized in these installations. 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.

Street lighting service is available to public and private organizations, under Rate Lighting Services, in unincorporated areas where facilities of adequate capacity and suitable voltage are adjacent to the lamps or street lighting system to be served. Every effort is made by the Company to install street lighting in accordance with standards of the Illuminating Engineering Society.

Street Lights Mounted on Existing Distribution Poles and Served by Overhead Conductors

On dedicated streets or roads with overhead distribution lines, street lights are mounted on existing distribution poles and served by overhead conductors. Any construction required, other than the installation of a street lighting fixture and one span of secondary conductor on an existing Company pole, is at Retail Customer expense.

Street Lights Mounted on Ornamental Standards and Served by Underground Conductors

The Company installs street lights mounted on ornamental standards and served by underground conductors on dedicated public streets that are paved, have curbs and gutters, and on which no overhead electric distribution lines are located. The Company will allow an amount as specified below toward the cost of construction. A contribution must be paid to the Company for any additional costs associated with the installation.

Company Contribution per Lamp

Cost of Company's installation,
but not to exceed \$1,804.00

The Company will contribute the total cost of installation for 10% of 9,500 or 6,000 lumen lights in a specific installation in residential areas.

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Relocations and Removals

Street lighting facilities are not relocated for Retail Customer benefit or convenience. Any relocation requested by a Retail Customer can be done if it does not create operating problems and is not objectionable to other parties. All costs of such relocation work are borne by the Retail Customer.

The Retail Customer may request Company to remove any or all of the facilities installed hereunder by paying to the Company charges in accordance with those specified in Section 6.1.2.1 of the Tariff.

Annexed Areas

If the area in which the lights are installed becomes incorporated or annexed by a municipality, the Retail Customer will be relieved of making any further monthly payments for street lights within the area annexed or incorporated, provided such municipality has granted to the Company an acceptable franchise for operations within the area and has authorized the Company to operate the lights at the expense of the municipality.

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SECTION 7: METERING PRACTICES

Delivery Service is provided to an individual Retail Customer Premises at only one Point of Delivery, with the Retail Customer's service entrance arranged so that the Company can measure the Retail Customer's service with one meter. The following conditions apply in situations where separate Retail Customers are grouped in a common structure and in mobile home parks.

The Point of Delivery for an individual Retail Customer is not necessarily located on the Retail Customer's Premises.

Individual dwelling units in a condominium project are metered as individual Retail Customer Premises for Residential Service purposes.

Individual rental units in an apartment project are either metered as individual Retail Customer Premises for Residential Service purposes or grouped as one Retail Customer Premises with one meter and billed on the appropriate non-residential service rate.

Individual commercial retail spaces in a multi-tenant commercial building are metered as separate Retail Customer Premises.

Individual office spaces in a multi-tenant office building are commonly grouped together as one Retail Customer Premises for metering purposes; however, well defined tenant office spaces may, at the option of the Retail Customer, be treated as separate Retail Customer Premises for metering purposes.

For mobile home parks containing permanently located residential mobile homes, the Company installs single-phase overhead service facilities within the park so that single-phase Residential Service is available to each mobile home through a separate meter.

Permanent parks for transient type mobile homes and campers are metered as one Retail Customer Premises and are billed under the applicable non-residential service rate.

In the interest of nondiscriminatory application of metering and service practices, the Company reserves the right to determine appropriate arrangements for a specific situation.

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SECTION 8: MISCELLANEOUS CONSTRUCTION SERVICES

Removal or Relocation of Company Facilities

If a Retail Customer requests removal or relocation of Company facilities solely for his convenience, such work is done by the Company at Retail Customer expense, provided the removal or relocation does not create operating problems and is not objectionable to other parties. Relocation of Company facilities is also contingent upon availability, without cost to Company, of any additional rights-of-way required and permission for right-of-way clearing and tree trimming, if necessary.

Overtime Charges at Retail Customer Expense

Retail Customers requesting that the Company perform work during hours other than normal working hours are required to reimburse the Company for the appropriate charges.

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6.1.2.3 DISCRETIONARY CHARGES OTHER THAN CONSTRUCTION SERVICE CHARGES

6.1.2.3.1 ADDITIONAL DISCRETIONARY CHARGES

These charges for Discretionary Services are in addition to all other charges specified in the Company's Tariff for Delivery System Charges that may be applicable to the Retail Customer's Premises. Unless otherwise provided by special arrangement, the invoice for service under this rate schedule will be as provided for in the Service Rules and Regulations in the Company's Tariff.

<u>Item</u>	<u>Description</u>	<u>Charge</u>
Meter Test Charges:		
DC.1	<p>Competitive Meter Communication Diagnostic Service Fee Cost of diagnosing and/or repairing remote communications problems, including verification of communications access when repairs are complete, for Non-Company Owned Billing Meter.</p> <p style="text-align: right;">Self-contained meter \$ 80.00 Transformer rated meter \$ 80.00</p>	
Non-Standard Meter Installation Charges:		
DC.2	<p>Advanced Billing Meter Installation Charge Applicable to Rate Schedules Secondary Service Less Than or Equal to 10 kVA, Secondary Service Greater Than 10 kVA and Primary Service for the installation of an advanced meter for billing at Retail Customer's or REP's request.</p> <p>* \$232.00 plus the incremental cost between a standard meter for the specified installation and the advanced meter functionality requested, plus additional charges for services related to advanced capabilities as appropriate.</p>	(see charges in description section*)
DC.3	<p>Advanced Non-Billing Meter Installation Charge Applicable to any Retail Customer premises for the installation of an advanced meter for non-billing purposes at Retail Customer's or REP's request.</p> <p>*\$232.00 plus additional charges for services related to advanced capabilities as appropriate; Retail Customer/REP shall provide the advanced meter which must meet the Company's meter standards.</p>	(see charges in description section*)

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<u>Item</u>	<u>Description</u>	<u>Charge</u>
DC.4	<p align="center">Pulse Metering Equipment Installation</p> <p><i>For Billing Meters that do not currently provide pulse outputs (kWh meters and thermal demand meters)</i></p> <p>Install Pulse Meter and fused junction box (customer receives one pulse output-kWh). For more than one output, requests will be processed according to charges under the "Advanced Billing Meter Installation Charge" above.</p> <p><i>For Billing Meters with current pulse capabilities for kWh, kVAr, and time</i></p> <p>Install one relay (one output)</p> <p>Install two relays (two outputs)</p> <p>Install three relays (three outputs)</p>	<p align="center">\$ 290.00</p> <p align="center">\$ 392.00</p> <p align="center">\$ 584.00</p> <p align="center">\$746.00</p>
DC.5	<p align="center">Pulse Metering Equipment Replacement</p> <p>Replace one relay*</p> <p>Replace one Pulse Meter</p> <p>Replace one relay and one Pulse Meter*</p> <p>Replace fuses in fused junction box</p> <p>Pulse Metering Equipment trouble call which is determined to be problem with Customer's equipment</p> <p align="center">*Each additional relay replaced on same trip</p>	<p align="center">\$ 278.00</p> <p align="center">\$ 224.00</p> <p align="center">\$ 425.00</p> <p align="center">\$ 61.00</p> <p align="center">\$ 61.00</p> <p align="center">\$ 199.00</p>
DC.6	<p align="center">Competitive Meter Non-Standard Programming Service Fee</p> <p>Self-contained meter- field programming</p> <p>Self-contained meter- shop programming</p> <p>Transformer rated meter- field programming</p> <p>Transformer rated meter- shop programming</p>	<p align="center">\$ 103.00</p> <p align="center">\$ 59.00</p> <p align="center">\$ 103.00</p> <p align="center">\$ 59.00</p>
Service Call Charge:		
DC.7	<p align="center">URD By-Pass Cable Installation Charge</p> <p>Applicable to any Residential Retail Customer or Retail Customer's REP that requests the Company to install a temporary, above-ground by-pass cable in order to continue electric service while Retail Customer-owned URD facilities are being repaired or replaced. (Charge per month.)</p>	<p align="center">\$ 476.00 Per Month</p>

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<u>Item</u>	<u>Description</u>	<u>Charge</u>
DC.7.1	<p align="center">Unmetered Attachments</p> <p>Applicable to Retail Customer-owned or other third party-owned non-lighting equipment attached to Company's Delivery System facilities and receiving Unmetered Service under Company's Rate Schedule for Secondary Service Less than or Equal to 10 KVA (e.g., third party-owned camera and WIFI equipment attached to Company poles). This charge applies when the equipment owner requests Company to dispatch personnel to investigate or take corrective actions with respect to such equipment.</p>	As Calculated or as agreed to in writing

Other Charges:		
DC.8	<p align="center">Returned Check Charge</p> <p>Applicable to any Retail Customer or REP whose check is returned by a bank or other financial institution as not payable.</p>	\$ 10.50
DC.9	<p align="center">Voltage Monitoring</p> <p>Applicable to requests by Retail Customer or Retail Customer's Competitive Retailer to install voltage monitoring equipment at Retail Customer's Point of Service for evaluation and reporting of data.</p> <ol style="list-style-type: none"> 1. Data determines a problem with Company's equipment or system 2. Data determines no problem with Company's equipment or system. 	No Charge \$ 1,392.00
DC.10	<p align="center">Damage to Company Facilities</p> <p>Pursuant to Section 5.4.6, RETAIL CUSTOMER'S DUTY REGARDING COMPANY'S FACILITIES ON RETAIL CUSTOMER'S PREMISES, charges for loss of, or damage to, Company Delivery System facilities on Retail Customer's Premises caused by or arising out of Retail Customer's failure to exercise reasonable care not to damage such facilities, including labor, material, equipment, legal services and associated costs including cost burdens, such as, overhead, warehousing, administration, etc.</p>	As Calculated
DC.11	<p align="center">Adverse Effects and Improper Power Factor</p> <p>Pursuant to Section 5.5.2, INTERMITTENT ELECTRICAL LOADS AND LIMITATIONS ON ADVERSE EFFECTS and Section 5.5.5, POWER FACTOR, charges for labor, material, equipment, legal services and associated costs including cost of burdens, such as, overhead, warehousing, administration, etc. provided by the Company to correct adverse effects due to Retail Customer's equipment or operations, including improper power factor, voltage fluctuations, interference or distorted wave forms.</p>	As Calculated
DC.12	<p align="center">Provision of Retail Customer Data</p> <p>Pursuant to Section 5.10.2, RETAIL CUSTOMER RESPONSIBILITY AND RIGHTS, charges for compiling, copying, printing, administration and sending customer data other than that required by Applicable Legal Authority to be provided at no charge.</p>	As Calculated

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<u>Item</u>	<u>Description</u>	<u>Charge</u>
DC.13	<p>Customer Required Upgrade to Delivery System Pursuant to Section 5.7.6, CUSTOMER REQUESTED FACILITY UPGRADES, charges for the costs of a facility upgrade that is attributable to the Retail Customer adding load in excess of existing Delivery System facility capacity, if Company requires a contribution in aid of construction.</p>	As Calculated
DC.14	<p>Temporary Service Connection Applicable to a request to energize a Retail Customer's temporary service connection to the Delivery System during normal business hours. Such requests, which include the corresponding TX SET code for standard service, and are received by Company at least two Business days prior to the Competitive Retailer's requested date, shall be completed no later than the requested date.</p>	\$ 354.00
DC.15	<p>Disconnect for Inaccessible Meter Charge Applicable when Company personnel are unable to gain access to the meter of a premise other than non-residential critical load premises as a result of continued denial of Access as provided in Section 4.7.2.1, DENIAL OF ACCESS BY RETAIL CUSTOMER.</p> <p>At the Meter: At a Premium Location:</p>	<p>\$ 59.00 \$100.00</p>
DC.16	<p>Miscellaneous – Retail Customer Caused Charges Applicable to charges authorized in Chapters 3, 4, and 5 which are not otherwise specifically set out in Chapter 6. These charges include, but are not limited to, legal services, material, labor, and equipment and associated costs including cost of burdens, such as, overhead, warehousing, administration, etc. required due to Retail Customer's actions or inaction. For example, Retail Customer's failure to exercise reasonable care, failure to correct problems or interference, or impeding Company's ability to perform its duties.</p>	As Calculated
DC.17	<p>Miscellaneous Other Charges Company will charge for miscellaneous services, performed in accordance with Commission rules and at the request of a Retail Customer or Retail Customer's REP, an amount sufficient to recover the Company's cost or an engineering estimate thereof.</p>	As Calculated
DC.18	<p>Distributed Generation Meter Installation Charge Applicable to any Retail Customer Premises for the installation of a Meter for distributed generation.</p>	As Calculated

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<u>Item</u>	<u>Description</u>	<u>Charge</u>
DC.19	<p>Transmission Facility Outage Scheduling and Notification</p> <p>Company will charge entities for scheduling outages of Transmission Elements with ERCOT's Outage Scheduler. As calculated charge will include work performed in accordance with managing, coordinating, investigating, and scheduling outage request, as well as any charges/fees/fines, imposed by ERCOT or other body, associated with the outage request and scheduling. This service is offered subject to the limitations of liability found in Section 5.2 of the Tariff for Retail Delivery Service, which provisions are hereby incorporated by reference to apply to the request by an end-use customer for this service.</p>	As Calculated
DC.20	<p>Competitive Metering Installation and Removal</p> <p>Applicable to Commercial and Industrial Retail Customers choosing competitive metering services pursuant to Section 25.311 of the Commission's rules.</p> <p><u>Competitive Meter Remove/Install Service Fee</u></p> <p>A single trip charge for removing on Billing Meter and installing another Billing Meter (removing or installing a Non-Company Owned Billing Meter and installing or removing a Company Owned Billing Meter on the same trip). This is a per trip charge and applies to Billing Meters which are installed/removed "permanently" or "temporarily."</p> <p>Self-Contained Meter</p> <p>Transformer Rated Meter</p> <p><u>Competitive Meter Physical Access Equipment Installation Service Fee</u></p> <p>A charge for the installation of an external termination junction box which utilizes the RJ family of connectors to provide physical access to the modem, network, serial and/or digital pulse data interfaces on a competitive meter.</p> <p>No Additional Service Call Required (performed during initial meter installation)</p> <p>Additional Service Call Required (performed after initial meter installation)</p>	<p>\$ 93.00</p> <p>\$ 143.00</p> <p>\$ 73.00</p> <p>\$90.00</p>

**6.1.2.3.2 PUBLIC ACCESS TO ACCESSIBLE UTILITY INFORMATION – RATE
AUI**

CenterPoint Energy Houston Electric, LLC will make accessible utility information available to the public on a non-discriminatory basis. The information available is described below. Procedures for obtaining this information in paper format and the charges for receiving this information in paper format are detailed on the Order Form beginning on page 2.

1. **Tariff for Retail Delivery Service** - Includes areas served, rate schedules, riders, terms and conditions, agreement forms, service policies and others. (Historical data is for the Tariff effective on 1/1/2002; new Tariff books will be available as individual schedules are added, deleted or modified).
2. **Average Annual Cooling Hours for Houston** - Cooling hour analysis. (Jul-98 and periodically thereafter).
3. **Average Annual Heating Hours for Houston** - Heating hour analysis. (Jul-98 and periodically thereafter).
4. **Interim Reports** - If new accessible utility information is created between updates of this Service Regulation, they will be priced at ten cents per page plus postage.

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ORDER FORM

Complete this form by checking the box next to the item(s) requested and the boxes next to the version and format selected. Also indicate the number of copies requested of each item and then the total cost for those items as well as the total for the entire purchase request. Fill-in your name, mailing address and phone number in the spaces provided. Mail the order form and your check or money order to the address below. (Please allow 3 to 4 weeks for delivery.)

CenterPoint Energy Houston Electric, LLC
ATTN: Accessible Utility Information
Regulatory Department
P. O. Box 1700
Houston, Texas 77251-1700

<u>ITEM</u>	<u>FORMAT</u>	<u>VERSION</u>	<u>COST</u>	<u>NO.</u> <u>COPIES</u>	<u>TOTAL \$</u>
<input type="checkbox"/> 1. Tariff for Retail Delivery Service	Paper	<input type="checkbox"/> 1/1/2002 <input type="checkbox"/> Current	\$42.40 \$42.40	<input type="checkbox"/> _____ <input type="checkbox"/> _____	_____ _____
<input type="checkbox"/> 2. Average Cooling Hours- Houston	Paper	<input type="checkbox"/> Jul-98 <input type="checkbox"/> other _____	\$0.43 \$0.43	<input type="checkbox"/> _____ <input type="checkbox"/> _____	_____ _____
<input type="checkbox"/> 3. Average Heating Hours- Houston	Paper	<input type="checkbox"/> Jul-98 <input type="checkbox"/> other _____	\$0.53 \$0.53	<input type="checkbox"/> _____ <input type="checkbox"/> _____	_____ _____

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<u>ITEM</u>	<u>FORMAT</u>	<u>VERSION</u>	<u>COST</u>	<u>NO. COPIES</u>	<u>TOTAL \$</u>
<input type="checkbox"/> 4. Interim Report	Paper	Interim	10¢ per page + postage	<input type="checkbox"/> _____	_____
				SUBTOTAL	

Sales Tax Amount _____
(8.25 % of Subtotal)
(No sales tax on out-of-state orders.)

TOTAL _____

MAKE CHECK OR MONEY ORDER PAYABLE TO:
CenterPoint Energy Houston Electric, LLC

Your Name _____

Your Street or PO Box _____

Your City, State, Zip _____

Your Phone Number: Area Code _____ Number _____

NOTE: Orders for specific documents may not be placed by telephone; however, if you have questions about completing the form, or wish to request a copy of the order form, please call 713-207-5454.

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6.1.2.3.3 PREMIUM SERVICE - RATE PS

Some Retail Customers taking Delivery System Services under Section 6.1.1.1 of this Tariff operate sensitive equipment or have other needs that require higher levels of Delivery System Service reliability than is achievable from the Company's standard Delivery System. Company will accommodate Retail Customers' requests for the provision of back-up, stand-by, redundant or other premium Delivery Services at either Distribution Voltages or Transmission Voltages (collectively, Premium Service) where facilities of adequate capacity, proper phase and suitable voltage can be made available.

The provision of Premium Service requires the installation of additional equipment and the extension of Delivery System facilities at Retail Customer expense, including the construction or upgrade of primary feeder circuits, the installation of automatic rollover switches, breakers, transformers, meters and related equipment on or adjacent to Retail Customer premises, and power quality equipment and various other facilities and devices needed for the safe and reliable operation of Company's Delivery System (collectively, the Facility Extension). Retail Customer is responsible for the cost of the Facility Extension pursuant to the Company's Construction Services Policy in Section 6.1.2.2 of this Tariff.

Monthly Fixed Charge

There will be a Monthly Fixed Charge, in addition to the Monthly Rate charges included in the Company's Rate Schedules, related to the operation and maintenance of dedicated facilities and reservation of distribution capacity on alternate circuits. The Monthly Fixed Charge will be determined by Company on a case by case basis, based on an engineering estimate of the cost. The Monthly Fixed Charge and the cost of the Facility Extension must be agreed to by the Retail Customer before construction of the Facility Extension commences.

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6.1.2.3.4 ASSET USE SERVICE - RATE AUS

AVAILABILITY

Service under this tariff is subject to availability of Company's assets for the use that is requested, a determination (made at Company's sole discretion) that such requested use will not impair service to Company's other Retail Customers, and the terms and conditions set forth herein.

APPLICATION

Applicable to Retail Customer's use of Company's assets at Retail Customer's request.

SERVICES PROVIDED

Company is engaged in the business of providing electric power delivery service. Company owns and operates assets necessary to perform this core function. Company's assets can be used for additional functions beyond the core function that Company performs, if such additional use of Company's assets is beneficial to Company's Retail Customers, as determined by the Company.

SERVICE CHARGES

Charges for services provided shall be as mutually agreed by the Company and Retail Customer. However, charges shall not be less than long term marginal cost incurred by Company in providing such service.

PAYMENT

As provided for in the contract terms and conditions.

CONTRACT

The contract duration and other terms and conditions shall be as mutually agreed by the Company and Retail Customer.

NOTICE

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

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6.1.2.4 DISTRIBUTED GENERATION SERVICE – RATE DGS

Company shall interconnect distributed generation pursuant to Public Utility Commission of Texas Substantive Rules 25.211 and 25.212.

A customer seeking interconnection and parallel operation of distributed generation with Company must complete and submit the Application for Interconnection and Parallel Operation of Distributed Generation and enter into an Agreement for Interconnection and Parallel Operation of Distributed Generation. The form of the application is set out in Section 6.3.2 of this Tariff. The form of the agreement is set out in Section 6.3.3 of this Tariff.

PRE-INTERCONNECTION STUDY FEE SCHEDULE

Pre-certified distributed generation units that are up to 500 Kw that export not more than 15% of the total load on a single radial feeder and also contribute not more than 25% of the maximum potential short circuit current on a radial feeder are exempt from any pre-interconnection study fees. For all other DG applications, the study fees in the following table will apply.

Non-Exporting	0 to 10 kW	10+ to 500 kW	500+ to 2000kW	2000+ to 10,000 kW
1. Pre-certified, not on network	\$0	\$0	\$3,273	\$3,520
2. Non pre-certified, not on network	\$312	\$581	\$3,947	\$4,194
3. Pre-certified, on network	\$272	\$1,075	\$6,269	\$6,516
4. Not pre-certified, on network	\$525	\$1,150	\$6,943	\$7,190

Exporting	0 to 10 kW	10+ to 500 kW	500+ to 2000kW	2000+ to 10,000 kW
1. Pre-certified, not on network	\$75	\$570	\$3,520	\$3,767
2. Non pre-certified, not on network	\$312	\$792	\$4,194	\$4,441
3. Pre-certified, on network	\$272	\$1,286	\$7,175	\$7,422
4. Not pre-certified, on network	\$495	\$1,645	\$7,849	\$8,096

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6.2 COMPANY SPECIFIC TERMS & CONDITIONS

6.2.1 COMPANY SPECIFIC DEFINITIONS

BILLING KWH, MONTHLY KWH, or KWH – Delivered quantities of Electric Power and Energy determined to have been taken, or, if not taken, payable for by a Retail Customer. These quantities may be established by metering, estimation, Rate Schedule or by other contractual determination. They may be adjusted from metered values for such items as transformer losses, depending upon circumstances and provisions of Rate Schedules. These quantities are the values that will be entered into the billing formulae specified in the Rate Schedule under the section labeled "Monthly Rate."

DISTRIBUTION VOLTAGE – Voltages less than transmission voltages.

INDIVIDUAL PRIVATE DWELLING – A home, Individually Metered Apartment or other enclosed dwelling space of a permanent nature used for Residential Purposes and equipped with complete living quarters and cooking, bathing and sanitary facilities intended for or restricted to the use of a single person, family or household.

INDIVIDUALLY METERED APARTMENT – A specific part of a building or shelter fitted with housekeeping facilities that has its electric service metered separately from the remainder of the structure.

PRIMARY DISTRIBUTION VOLTAGE – Company's standard voltages of 12,470/7200 volts or 34,500/19,000 volts.

PRIMARY SERVICE – Company's standard Primary Service is taken directly from feeder lines of at least 12,470 volts but less than 60,000 volts without further transformation by the Company.

RESIDENTIAL PURPOSES – Usage of Electric Power and Energy within the Premises of an Individual Private Dwelling for predominantly non-commercial purposes. The usage of Electric Power and Energy for bit-coin mining and similar activities is not considered a Residential Purpose.

SECONDARY DISTRIBUTION VOLTAGE – All of the Company's standard service voltages below 7,200 volts.

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SERVICE CALL OR OUTAGE INVESTIGATION – The dispatch of a Company representative to a service address for investigation of a complete or partial service outage, irregularity, or interruption.

SERVICE STANDARDS – The Company publication containing standard electrical/construction practices for contractors, electricians, architects and engineers engaged in electrical work for Retail Customers in Company's Service Territory, intended to supplement the National Electric Code and National Electrical Safety Code.

SERVICE TERRITORY OR SERVICE AREA – The geographic area in which the Company is authorized by the PUC to provide delivery services.

TRANSMISSION VOLTAGE – Voltages of 60,000 volts or greater. Company's standard transmission voltages are 69,000 volts or higher.

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6.2.2 STANDARD VOLTAGES

This section describes the standard voltages and types of service offered to Retail Customers under the Company's standard Rate Schedules. All Retail Customer installations shall meet the requirements of the National Electrical Code, National Electrical Safety Code, Local City Ordinances and the Company's Service Standards, and the provisions of the Company's Tariff and Applicable Legal Authorities.

<u>TYPE OF SERVICE</u>	<u>REQUIREMENTS</u>
<i>SINGLE-PHASE</i>	
120/208 volt, 3-wire	<ul style="list-style-type: none"> · Company option · Underground Street Network · Spot locations with existing 120/208 volt supply · Less than 10 kVA · All equipment must be for use at 208 volts
120/240 volt 3-wire	<ul style="list-style-type: none"> · Standard Service · Less than 334 kVA
7,200 or 19,920 volt 2-wire	<ul style="list-style-type: none"> · Company option · Overhead Distribution Area · More than 200 kVA, but less than 334 kVA · In accordance with Company Specification 600-007-231-458
<i>TWO-PHASE</i>	
12,470/7,200 volt 3-wire	<ul style="list-style-type: none"> · Company option · Overhead Distribution Area · More than 200 kVA, but less than 334 kVA · Load must be balanced between phases
34,500/19,920 volt 3-wire	<ul style="list-style-type: none"> · Company option · 34.5 kV Overhead Distribution Area · More than 200 kVA, but less than 334 kVA · Load must be balanced between phases

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THREE -PHASE

- Limited to commercial and industrial customers with demand of at least 50 kVA or one 3-phase motor 3-hp or more.

Not generally available to residential customers.

- For 3-phase, 4-wire, customer must wire for a 3-phase, 4-wire meter.
- For 3-phase, 3-wire service, customer must provide a fourth wire for metering purposes and for a bond. Conductor shall be sized in accordance with the National Electrical Code, minimum #6 copper.

**208Y/120 volt,
Network Area
4-wire grounded
neutral**

- Standard Service
- More than 10 kVA
- All equipment must be rated for use at 208 volts
- All phase conductors must be the same size
- Single-phase load equally divided
- Available in spot locations with existing 208Y/120 volt service

**208Y/120 Volt,
4-wire grounded
neutral**

- Standard Service
- Overhead Services
 - more than 75 kVA and maximum 300 kVA
 - maximum cable size parallel 500 MCM Cu.
 - secondary conductors more than 50 feet long require Company review
- Underground Service
 - minimum 301 kVA and maximum of 1000 kVA
 - 3 phase padmounted transformer installation
- All phase conductors must be same size

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- Single phase load equally divided
- All equipment must be rated for use at 208 volts
- 240/120 delta 4-wire grounded neutral**
 - Standard Service
 - Combined load less than 167 kVA
 - Phase wire permanently identified, power orange.
 - Secondary conductors more than 50 feet long require Company review
- 480 volt, 3-wire**
 - Company option
 - Overhead Distribution Areas
 - More than 75 kVA and maximum 501 kVA
 - Underground Distribution Areas
 - More than 501 kVA and maximum 3,000 kVA
- 480Y/277 volt, 4-wire grounded neutral**
 - Standard Service
 - Overhead Distribution Areas
 - More than 75 kVA and maximum 501 kVA
 - Underground Distribution Areas
 - More than 501 kVA and maximum 3,000 kVA
- 2,400 volt, 3-wire**
 - Company option
 - Overhead Distribution Areas
 - More than 150 kVA and maximum 501 kVA
 - Underground Distribution Areas
 - 12 kV area only
 - More than 501 kVA and maximum 5,000 kVA
- 4,160Y/2,400 volt**
 - Company option
 - Overhead Distribution Areas
 - More than 150 kVA and maximum 501 kVA
 - Underground Distribution Areas
 - More than 501 kVA and maximum 5,000 kVA

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- | | |
|----------------------------|---|
| 12,470Y/7,200 volt | · Company option |
| 4-wire grounded | · More than 200 kVA |
| neutral | · In accordance with Company Specification
600-007-231-458 |
| 34,500Y/19,920 volt | · Company option |
| 4-wire grounded | · 34.5 kV Overhead Distribution Area |
| neutral | · More than 200 kVA
· In accordance with Company Specification
600-007-231-45 |

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6.2.3 ADDITIONAL COMPANY SPECIFIC TERMS AND CONDITIONS

1. In the event that Retail Customer's monthly bill is based upon a period of less than or more than a normal billing period length any applicable \$/month and demand based (\$/kVA or \$kW) charges shall be prorated based on a 30 day billing period. However, a normal billing period typically ranges from 27 to 35 days and is typically the period between two consecutively scheduled meter reading dates. The Company determines the normal billing period and scheduled meter reading dates based on holidays, weekends and other factors which impact the schedule.
2. The Company rents certain distribution equipment to Retail Customers on a short term, emergency basis, provided the items are not immediately available from local suppliers and the Company has a sufficient quantity of such item in stock to meet operating requirements. Terms and conditions of all rental transactions are specified in a written agreement.

The Company will assist the Retail Customer to determine the appropriate service arrangements, when practical. Based on these arrangements, the Company will provide a cost basis for the rental or leasing of equipment required to receive 138,000 volt service.

3. Company calculates the labor costs included in the "As Calculated" Meter Tampering Charge under Section 6.1.2.1 of this Tariff (Uniform Discretionary Charges) based on an estimated average of the type of personnel typically involved and time typically spent in conducting an investigation and taking corrective actions in routine meter tampering cases.
4. Company will apply Section 5.5.6 of this Tariff to Retail Customers with on-site generation who comply with the notice requirements in that Section for scheduled maintenance on their generation facilities. For this purpose, Company interprets the terms "scheduled equipment testing," "equipment testing," and "testing" in that Section to include "scheduled on-site generation maintenance" and the term "test period" to include "scheduled on-site generation maintenance period."

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6.3 AGREEMENTS AND FORMS

6.3.1 FACILITIES EXTENSION AGREEMENTS

**6.3.1.1 FACILITIES EXTENSION AGREEMENT FOR DISTRIBUTION
VOLTAGE FACILITIES**

This Facilities Extension Agreement for Distribution Voltage Facilities is entered into by and between _____, herein called "Retail Customer" and CenterPoint Energy Houston Electric, LLC, herein called "Company" (hereinafter referred to as Agreement) for the extension of Company's Delivery System distribution voltage facilities, including temporary facilities (hereinafter referred to as facilities extension or extension), as described herein.

This Agreement covers the facilities extension to Retail Customer location at _____

The Company agrees to accept payment of _____ Dollars to be paid by the Retail Customer, as a Non-Refundable Construction Payment in connection with the Retail Customer request to extend Company facilities to the above described location as follows: _____

- Unless otherwise stated by Company in writing, the Non-Refundable Construction Payment amount above is valid for twelve months.

In consideration of said Non-Refundable Payment, to be paid to Company by Retail Customer prior to commencement of construction, Company agrees to install and operate lines and equipment necessary to distribute electric service to the identified location under the following General Conditions:

- Company shall at all times have title to and complete ownership and control over facilities installed by Company.
- Retail Customer must make satisfactory payment arrangements (if payment is required to extend Company facilities) and sign and return this Agreement before Company can proceed with the requested extension.

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- Extension of service facilities is contingent on acquisition of all necessary easements and rights of way.

If the facilities extension requested by Retail Customer calls for construction of underground Delivery System facilities at distribution voltages, Retail Customer must also agree to Company's additional specifications and terms and conditions determined by Company for the construction of underground electric service facilities.

The Company's Tariff for Retail Delivery Service, on file with the Public Utility Commission of Texas, is incorporated into this Agreement, including without limitation Sections 5.2.1 (limitation of liability), 5.2.4 (force majeure), and 5.2.6 (disclaimer of warranties) thereof.

Nothing herein contained within this Agreement shall be construed as a waiver or relinquishment by Company of any right that it has or may hereafter have to discontinue service for or on account of default in the payment of any bill owing or to become owing thereafter for any other reason or cause stated in Company's Tariff.

This Agreement shall not be binding upon Company unless and until it is signed by an authorized representative of the Company.

CenterPoint Energy Houston Electric, LLC

Retail Customer

By _____

By _____

(name printed or typed)

(name printed or typed)

Title _____

Title _____

Date _____

Date _____

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**6.3.1.2 FACILITIES EXTENSION AGREEMENT FOR TRANSMISSION
VOLTAGE FACILITIES (RETAIL CUSTOMER-OWNED SUBSTATION)**

This Transmission Facility Extension Agreement (this “**Agreement**”) is between CenterPoint Energy Houston Electric, LLC (“**Company**”) and [INSERT COUNTERPARTY’S NAME] (“**Customer**”) and is dated as of [INSERT DATE]. Company and Customer may be referred to herein individually as a “**Party**” or collectively as the “**Parties**”.

Company is a public utility that owns and operates facilities for the transmission and distribution of electricity and offers electricity delivery services to retail customers at 60,000 volts or higher (“**Transmission Service**”) from its high-voltage transmission system (the “**Transmission System**”) pursuant to its Tariff for Retail Delivery Service (as amended from time to time, the “**Tariff**”) approved by the Public Utility Commission of Texas (the “**PUCT**”).

Customer (i) requires Transmission Service to operate its commercial plant located at [INSERT CUSTOMER’S PLANT LOCATION] (the “**Customer Plant**”), (ii) is willing to install, own and maintain an electric substation (the “**Customer Substation**”) for the purpose of receiving Transmission Service to serve the Customer Plant, and (iii) desires that Company provide Construction Services to modify, upgrade and extend the Transmission System as needed to enable the provision of such Transmission Service.

Company is willing to provide such Construction Services in accordance with the terms and conditions set forth below.

Therefore, Company and Customer agree as follows:

1. Defined Terms. All capitalized terms used but not defined in this Agreement have the respective meanings given to them in the Tariff.
2. Customer Representations. Customer represents and warrants to Company that (i) the Customer Plant is expected to consume approximately [INSERT DEMAND] megawatts of electricity (the “**Demand Level**”) and (ii) the Customer Plant and Customer Substation will be ready to receive Transmission Service on [INSERT DATE] or such other date as the Parties may subsequently agree (the “**Requested Service Date**”).
3. Customer Substation.
 - (a) Substation Construction. Customer shall design and construct the Customer Substation in strict accordance with the Tariff and with Company’s “Specification for Customer-Owned 138 kV Substation Design” and “Specification for Remote Telemetry of a

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Customer Owned Facility” (together, as may be amended from time to time, the “**Specifications**”). Customer hereby acknowledges that it has received a copy of the Specifications in effect as of the date hereof. Company may amend the Specifications at any time after the date of this Agreement consistent with Good Utility Practice, and Customer agrees that any such amended Specifications will become effective hereunder upon Customer’s receipt of notice thereof from Company pursuant to Section 11 hereof.

(b) Substation Operation. At all times during its operation and maintenance of the Customer Substation, Customer agrees to be strictly bound by the Tariff, including the Power Factor requirements, and the Company’s “Transmission & Substation Outage and Clearance Coordination Procedures” (as may be amended from time to time, the “**Procedures**”). Customer hereby acknowledges that it has received a copy of the Procedures in effect as of the date hereof. Company may amend the Procedures at any time after the date of this Agreement consistent with Good Utility Practice, and Customer agrees that any such amended Procedures will become effective hereunder upon Customer’s receipt of notice thereof from Company pursuant to Section 11 hereof. If, at any time following the completion of the Project (as defined below), Customer fails or is unable, in the sole determination of Company, to operate and maintain the Customer Substation in conformance with the Tariff, the Specifications, or the Procedures, and, in Company’s sole discretion, such failure or inability jeopardizes the reliability of the Transmission System or violates any North American Electric Reliability Corporation (“NERC”) standards, (i) Company may immediately and without recourse disconnect the Customer Substation from the Transmission System and take such other actions that Company deems necessary in accordance with Good Utility Practice to maintain the reliability of the Transmission System, and (ii) Customer shall reimburse Company for the cost of such actions taken by Company.

4. Construction Services Obligation. Subject to the Tariff and any applicable PUCT rules (as amended from time to time), Company shall use Good Utility Practice to provide Construction Services sufficient to connect the Transmission System to the Customer Substation and enable the commencement of Transmission Service to the Customer Substation at the Demand Level by the Requested Service Date (the “**Project**”). Notwithstanding anything to the contrary herein, Company’s obligation to commence or complete the Project is contingent upon the validity of each of the following assumptions (collectively, the “**Construction Services Conditions**”):

(a) The Project is approved by the PUCT or is otherwise in accord with the rules and requirements of the PUCT and the Electric Reliability Council of Texas (“ERCOT”) applicable to transmission construction projects.

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(b) Company receives correct and timely payment for all amounts charged to Customer in accordance with this Agreement, including receipt of payment for any Initial CIAC Estimate and Additional Amounts (as defined below) invoiced by Company.

(c) Customer's design and construction of the Customer Substation is in accordance with the applicable requirements of the Tariff, Specifications and Procedures.

(d) Customer has granted Access Rights (as hereinafter defined) to Customer's land and the Customer Substation at no cost to Company and in the form acceptable to Company. If third party Access Rights are required, Customer has acquired and provided to Company, at Customer's sole cost and expense, any and all such Access Rights at least forty-five (45) days prior to the commencement of the Construction Services.

(e) To the extent outages are necessitated by the Construction Services, such outages have received timely prior approval from ERCOT.

5. Payment for Construction Services. Customer shall pay Company for the provision of the Construction Services by Company in accordance with the terms in this Section 5.

(a) Customer shall pay Company the Actual Facilities Extension Cost as a contribution in aid of construction. As of the date of this Agreement, the Actual Facilities Extension Cost is estimated to be \$_____ (the "Initial CIAC Estimate"). The term "Actual Facilities Extension Cost" means the Actual Cost less the System Improvement Cost. The term "Actual Cost" means the sum of (i) all costs actually incurred for the design, modification, upgrade, procurement, construction, installation, removal, project management and commissioning of any Transmission System facilities and equipment provided by Company for the Project, including all such costs attributable to any Customer Scope Changes, plus (ii) any overhead costs, general and administrative fees, plus (iii) any applicable tax gross up respecting the foregoing, plus (iv) in the event this Agreement is terminated prior to completion of the Project, any costs that Company incurs from third parties as a consequence of the cancellation of any purchases or rentals of necessary equipment, materials or work to construct the Project that Company does not reasonably expect to recover through its Tariff. The term "System Improvement Cost" means the portion, if any, of the Actual Cost that, in Company's sole judgment in accordance with Good Utility Practice, would be deemed by the PUCT to be necessary and reasonable costs for the overall Transmission System and recoverable by Company through the Transmission Service rates approved for Company by the PUCT.

(b) Company will invoice Customer for the Initial CIAC Estimate following Customer's execution and delivery of this Agreement to Company, and Customer shall pay the Initial CIAC Estimate to Company in accordance with the terms therein.

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(i) Customer acknowledges and agrees that Company may increase the Initial CIAC Estimate pursuant to Good Utility Practice at any time after the date of this Agreement as new information becomes known or if changes by Company or Customer are made to the scope or design of the Project, including Customer Scope Changes accepted by Company. Company will issue an invoice to Customer for the amount of such increase (the "Additional Amount"), and Customer shall pay the Additional Amount to Company in accordance with the terms therein.

(ii) After completion of the Project or termination of this Agreement pursuant to Section 10 hereof whichever occurs first, (the "Completion Date"), the difference between (i) the Actual Facilities Extension Cost as of the Completion Date and (ii) the sum of the Initial CIAC Estimate paid by Customer plus any Additional Amounts paid by Customer (that sum, the "Project Payments") shall be paid to (x) Customer if the Actual Facilities Extension Cost is less than the Project Payments, or (y) Company if the Actual Facilities Extension Cost is greater than the Project Payments. Company shall issue a refund or invoice for that difference, as the case may be, within 30 days after the Completion Date, and Customer shall pay any such invoice in accordance with the terms therein.

(c) [INSERT NEGOTIATED LANGUAGE REGARDING PAYMENT OF CIAC IN LUMP SUM OR USE OF PAYMENT PLAN]

6. Audit Rights. Customer may, at its expense and during normal business hours, audit the books and records of Company to verify the Actual Costs incurred by Company on the Project. Such audit rights shall expire one (1) year after the Completion Date.

7. Ownership and Responsibilities. Company shall at all times own and maintain the Transmission System in accordance with Good Utility Practice, the Tariff and the PUCT's rules. Except for Transmission System equipment inside the Customer Substation that is installed and owned by Company, Customer shall own and maintain the Customer Substation in accordance with Section 3 of this Agreement. Customer acknowledges and agrees that Company has no obligations with respect to the maintenance of the Customer-owned equipment inside the Customer Substation or the connections between the Customer Substation and the Customer Plant. Company will be solely responsible for ensuring compliance with the NERC Critical Infrastructure Protection ("CIP") standards, including the physical access requirements, for equipment owned by Company inside the Customer Substation. Customer will be solely responsible for ensuring compliance with the NERC CIP standards, including the physical access requirements, for equipment owned by Customer inside the Customer Substation.

8. Access Rights. Customer hereby grants Company, at no cost to Company, access rights to Customer's property as reasonable and necessary to install, test and maintain the Transmission System facilities to serve the Customer Substation, and in and to the Customer

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Substation to install and maintain Transmission System equipment at and within the Customer Substation. If requested by Company, such access rights shall also be granted to Company in the form of a separate written easement or other right-of-way conveyance form acceptable to Company. To the extent any portion of the Construction Services will take place on or require the use of private property owned by a third party, Customer and Company will cooperate in good faith to obtain the property rights from such third party reasonably necessary for Company to perform such Construction Services and to install, own and maintain the Transmission System facilities and equipment needed for the Project on such property. All such access and property rights are herein referred to collectively as “**Access Rights.**” Customer shall pay for all reasonably necessary Access Rights.

9. Incorporation of Tariff. The Tariff is incorporated into this Agreement, including without limitation Sections 5.2.1 (limitation of liability), 5.2.4 (force majeure), and 5.2.6 (disclaimer of warranties) thereof. In the event of any conflict between the terms of this Agreement and the terms of the Tariff, the terms of the Tariff shall prevail.

10. Termination. This Agreement will remain in effect until all obligations hereunder are performed or otherwise discharged, except (a) Customer may terminate this Agreement at any time by giving notice thereof to Company, and (b) Company may terminate this Agreement immediately by giving notice thereof to Customer if Customer fails to perform any obligation hereunder by the due date for such performance. The payment obligations in this Agreement shall survive this Agreement’s termination until performed.

11. Notice. Any notice to be given by a Party upon another Party in connection with this Agreement must be in writing and shall be sent to such other Party at its delivery address for notice set forth below by (i) regular U.S. mail, private delivery service or recognized overnight courier, or (ii) facsimile or email transmission of a portable document format (PDF).

Delivery address

for notice to Customer:

XXXXXX
Attention: XXXXXXXX
XXXXXXXXXX
XXXXXXXXXX
Telephone No: XXXXXXXXXXXX
FAX No.: XXXXXXXXXXXX
Email: XXXXXXXX@XXX

Delivery address

for notice to Company:

CenterPoint Energy Houston Electric
Attention: XXXXXXXX
XXXXXXXXXX
Houston, TX XXXXX

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Telephone No.: XXXXXXXXXX
FAX No.: XXXXXX
Email: XXXXXX@XXXX

A Party may designate a different delivery address for notice by giving notice thereof to the other Party in accordance with the provisions of this Section 11.

12. Governing Law; No Third Party Beneficiaries; Interpretation. This Agreement is to be interpreted under the laws of the State of Texas, excluding its choice of law principles, and such laws shall govern all disputes under this Agreement. This Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the Parties, and the obligations herein assumed are solely for the use and benefit of the Parties, their successors in interest and, where permitted, their assigns. The descriptive headings of the various articles and sections of this Agreement have been inserted for convenience of reference only and are of no significance in the interpretation or construction of this Agreement. This Agreement shall not be interpreted or construed to create an association, joint venture, agency relationship, or partnership between the parties hereto or to impose any partnership obligation or liability upon either Party.

13. Execution and Amendment. This Agreement may be executed in two (2) or more counterparts which may be in portable document format (PDF) or other electronic form, each of which is deemed an original but all constitute one and the same instrument. This Agreement may be amended only upon mutual written agreement of the Parties.

14. No Agency. Neither Party hereto has any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other Party.

15. Final Agreement. This Agreement contains the final and complete agreement of the Parties regarding the subject matter hereof and supersedes all prior understandings and agreements between them with respect thereto.

IN WITNESS WHEREOF, the Parties have executed this Agreement to be effective as of the date first written above.

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

By: _____
(Signature)

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(Name)

(Title)

XXXXXXXXXXXXXXXXXXXX

By: _____
(Signature)

(Name)

(Title)

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**6.3.2 APPLICATION FOR INTERCONNECTION AND PARALLEL
OPERATION OF DISTRIBUTED GENERATION**

Customers seeking to interconnect on-site distributed generation with the Company's Delivery System must complete and file with the Company the following Application for Interconnection and Parallel Operation of Distributed Generation

**APPLICATION FOR INTERCONNECTION AND
PARALLEL OPERATION OF DISTRIBUTED GENERATION**

Return Completed Application to: CenterPoint Energy Houston Electric, LLC
Attention: Robert Bridges
Engineering Protection
P.O. Box 1700
Houston, TX 77251

Customer's Name: _____

Address: _____

Contact Person: _____

Email Address: _____

Telephone Number: _____

Service Point Address: _____

Information Prepared and Submitted By: _____

(Name and Address) _____

Signature _____

The following information shall be supplied by the Customer or Customer's designated representative. All applicable items must be accurately completed in order that the Customer's generating facilities may be effectively evaluated by CenterPoint Energy Houston Electric, LLC for interconnection with the utility system.

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GENERATOR

Number of Units: _____

Manufacturer: _____

Type (Synchronous, Induction, or Inverter): _____

Fuel Source Type (Solar, Natural Gas, Wind, etc.): _____

Kilowatt Rating (95° F at location) _____

Kilovolt-Ampere Rating (95° F at location): _____

Power Factor: _____

Voltage Rating: _____

Number of Phases: _____

Frequency: _____

Do you plan to export power: _____ Yes / _____ No

If Yes, maximum amount expected: _____

Do you wish CenterPoint Energy Houston Electric, LLC to report excess generation to your
REP? _____ Yes / _____ No

Pre-Certification Label or Type Number (e.g., UL-1741 Utility Interactive or IEEE 1547.1):

Expected Energization and Start-up Date: _____

Normal operation of interconnection: (examples: provide power to meet base load, demand
management, standby, back-up, other (please describe)) _____

One-line diagram attached: _____ Yes

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For systems not using pre-certified inverters (e.g., inverters certified to UL-1741 or IEEE 1547.1), does CenterPoint Energy Houston Electric, LLC have the dynamic modeling values from the generator manufacturer? ___ Yes ___ No

If not, please explain: _____

(Note: For pre-certified equipment the answer is Yes. Otherwise, applicant must provide the dynamic modeling values if they are available)

Layout sketch showing lockable, "visible" disconnect device is attached:: _____ Yes

Authorized Release of Information List

By signing this Application in the space provided below, Customer authorizes CenterPoint Energy Houston Electric, LLC to release Customer's proprietary information to the extent necessary to process this Application to the following persons:

	Name	Phone Number	Email Address
Project Manager			
Electrical Contractor			
Consultant			
Other			

CenterPoint Energy Houston Electric, LLC

[CUSTOMER NAME]

BY: _____

BY: _____

PRINTED NAME:

PRINTED NAME:

TITLE: _____

TITLE: _____

DATE: _____

DATE: _____

Revision Number: 4th

Effective: 3/1/20

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Applicable: Entire Service Area

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**6.3.3 AGREEMENT FOR INTERCONNECTION AND PARALLEL OPERATION OF
DISTRIBUTED GENERATION**

This Interconnection Agreement ("Agreement") is made and entered into this _____ day of _____, _____, by CenterPoint Energy Houston Electric, LLC ("Company"), and _____ ("Customer"), a _____ [specify whether an individual or a corporation, and if a corporation, name state, municipal corporation, cooperative corporation, or other], each hereinafter sometimes referred to individually as "Party" or both referred to collectively as the "Parties."

Place a check mark in the applicable space or spaces below to indicate the type of entity entering into this Agreement:

____ **Option 1:** For purposes of this Agreement, the end-use customer will act as a Party to this Agreement.

____ **Option 2:** For purposes of this Agreement, the entity other than the end-use customer that owns the distributed generation facility (also referred to as "Generator") will act as a Party to this Agreement.

____ **Option 3:** For purposes of this Agreement, the entity other than the end-use customer that owns the premises upon which the distributed generation Facility will be located (also referred to as "Premises Owner") will act as a Party to this Agreement.

____ **Option 4:** For purposes of this Agreement, an entity who by contract is assigned ownership rights to energy produced from distributed renewable generation located at the premises of the end-use customer on the end-use customer's side of the meter, will act as a Party to this Agreement.

Notwithstanding any other provision herein, the entity referred to as "Customer" herein shall refer to the entity defined in the option selected above by the end-use customer.

If any option other than Option 1 as outlined above is selected, the end-use customer must sign, print his or her name, and date the affirmation in the End-Use Customer Affirmation Schedule attached to this Agreement.

In consideration of the mutual covenants set forth herein, the Parties agree as follows:

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1. **Scope of Agreement** -- This Agreement is applicable to conditions under which Company and Customer agree that one or more generating facility or facilities of ten megawatts or less and related interconnecting facilities to be interconnected at less than 60 kilovolts ("Facilities") may be interconnected to Company's facilities, as described in Exhibit A. If Customer is not the end-use customer, Customer affirms that the end-use customer has approved of the design and location of the Facilities.

2. **Establishment of Point(s) of Interconnection** -- Company and Customer agree to interconnect Facilities at the locations specified in this Agreement, in accordance with Public Utility Commission of Texas ("Commission") Substantive Rules 25.211, relating to Interconnection of Distributed Generation, and 25.212, relating to Technical requirements for Interconnection and Parallel Operation of On-Site Distributed Generation (16 Texas Administrative Code §25.211 and §25.212) (the "Rules") or any successor rule addressing distributed generation and as described in the attached Exhibit A (the "Point(s) of Interconnection").

3. **Responsibilities of Company and Customer** -- Customer shall, at its own cost and expense, operate, maintain, repair, and inspect, and shall be fully responsible for, Facilities specified on Exhibit A. Customer shall conduct operations of Facilities in compliance with all aspects of the Rules, and Company shall conduct operations on its facilities in compliance with all aspects of the Rules, and as further described and mutually agreed to in the applicable Facility Schedule. Maintenance of Facilities shall be performed in accordance with the applicable manufacturer's recommended maintenance schedule. Customer agrees to cause Facilities to be constructed in accordance with specifications equal to or greater than those provided by the National Electrical Safety Code, approved by the American National Standards Institute, in effect at the time of construction.

Each Party covenants and agrees to design, install, maintain, and operate, or cause the design, installation, maintenance, and operation of, facilities on its side of the point of common coupling so as to reasonably minimize the likelihood of a disturbance, originating in the facilities of one Party, affecting or impairing the facilities of the other Party, or other facilities with which Company is interconnected.

Company shall notify Customer if there is evidence that operation of Facilities causes disruption or deterioration of service to other utility customers or if the operation of Facilities causes damage to Company's facilities or other facilities with which Company is interconnected. Company and Customer shall work cooperatively and promptly to resolve the problem.

Customer shall notify Company of any emergency or hazardous condition or occurrence with Facilities which could affect safe operation of Company's facilities or other facilities with which Company is interconnected.

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Customer shall provide Company at least 14 days' written notice of a change in ownership; any circumstances necessitating a change in the person who is the Customer to this Agreement; or cessation of operations of one or more Facilities. Upon notice by Customer of circumstances necessitating a change in the person who is the Customer to this Agreement, Company shall undertake in a reasonably expeditious manner entry of a new Agreement with the change in person who is the Customer.

4. Limitation of Liability and Indemnification

- a. Notwithstanding any other provision in this Agreement, with respect to Company's provision of electric service to the end-use customer other than the interconnections service addressed by this Agreement, Company's liability to the end-use customer shall be limited as set forth in Section 5.2 of Company's Commission-approved tariffs, which are incorporated herein by reference.*
- b. Neither Company nor Customer shall be liable to the other for damages for anything that is beyond such Party's control, including an act of God, labor disturbance, act of a public enemy, war, insurrection, riot, fire, storm or flood, explosion, breakage or accident to machinery or equipment, a curtailment, order, or regulation or restriction imposed by governmental, military, or lawfully established civilian authorities, or the making of necessary repairs upon the property or equipment of either party.*
- c. Notwithstanding Paragraph 4.b of this Agreement, Company shall assume all liability for and shall indemnify Customer for any claims, losses, costs, and expenses of any kind or character to the extent that they result from Company's negligence in connection with the design, construction, or operation of its Facilities as described on Exhibit A; provided, however, that Company shall have no obligation to indemnify Customer for claims brought by claimants who cannot recover directly from Company. Such indemnity shall include, but is not limited to, financial responsibility for: (a) Customer's monetary losses; (b) reasonable costs and expenses of defending an action or claim made by a third person; (c) damages related to the death or injury of a third person; (d) damages to the property of Customer; (e) damages to the property of a third person; (f) damages for the disruption of the business of a third person. In no event shall Company be liable for consequential, special, incidental, or punitive damages, including, without limitation, loss of profits, loss of revenue, or loss of production. The Company does not assume liability for any costs for damages arising from the disruption of the business of Customer or for Customer's costs and expenses of prosecuting or defending an action or claim against Company. This paragraph does not create a liability on the part of Company to Customer or a third person, but requires indemnification where such liability exists. The limitations of liability provided in this paragraph do not apply in cases of gross negligence or intentional wrongdoing.*

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d. Please check the appropriate box.

☐ **Person Other than a Federal Agency**

Notwithstanding Paragraph 4.b of this Agreement, Customer shall assume all liability for and shall indemnify Company for any claims, losses, costs, and expenses of any kind or character to the extent that they result from Customer's negligence in connection with the design, construction, or operation of Facilities as described on Exhibit A; provided, however, that Customer shall have no obligation to indemnify Company for claims brought by claimants who cannot recover directly from Customer. Such indemnity shall include, but is not limited to, financial responsibility for: (a) Company's monetary losses; (b) reasonable costs and expenses of defending an action or claim made by a third person; (c) damages related to the death or injury of a third person; (d) damages to the property of Company; (e) damages to the property of a third person; (f) damages for the disruption of the business of a third person. In no event shall Customer be liable for consequential, special, incidental, or punitive damages, including, without limitation, loss of profits, loss of revenue, or loss of production. The Customer does not assume liability for any costs for damages arising from the disruption of the business of Company or for Company's costs and expenses of prosecuting or defending an action or claim against Customer. This paragraph does not create a liability on the part of Customer to Company or a third person, but requires indemnification where such liability exists. The limitations of liability provided in this paragraph do not apply in cases of gross negligence or intentional wrongdoing. This paragraph applies to a state or local entity to the extent permitted by the constitution and laws of the State of Texas.

☐ **Federal Agency**

Notwithstanding Paragraph 4.b of this Agreement, the liability, if any, of Customer relating to this Agreement, for injury or loss of property, or personal injury or death shall be governed exclusively by the provisions of the Federal Tort Claims Act (28 U.S.C. §§ 1346, and 2671-2680). Subject to applicable federal, state, and local laws, each Party's liability to the other for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement shall be limited to the amount of direct damages actually incurred, and in no event shall either Party be liable to the other for any indirect, special, consequential, or punitive damages.

- e. Company and Customer shall each be responsible for the safe installation, maintenance, repair, and condition of their respective facilities on their respective sides of the Points of Interconnection. Company does not assume any duty of inspecting Customer's Facilities.**

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f. For the mutual protection of Customer and Company, only with Company prior authorization are the connections between Company's service wires and Customer's service entrance conductors to be energized.

5. Right of Access, Equipment Installation, Removal & Inspection -- Upon reasonable notice, Company may send a qualified person to the premises where the Facilities are located at or immediately before the time Facilities first produce energy to inspect the interconnection, and observe Facilities' commissioning (including any testing), startup, and operation for a period of up to three days after initial startup of Facilities.

Following the initial inspection process described above, at reasonable hours, and upon reasonable notice, or at any time without notice in the event of an emergency or hazardous condition, Company shall have access to the premises where the Facilities are located for any reasonable purpose in connection with the performance of the obligations imposed on it by this Agreement or if necessary to meet its legal obligation to provide service to its customers.

Customer warrants it has, or has obtained from other entities, all necessary rights to provide Company with access to the premises and Facilities, as necessary or appropriate for Company to exercise its rights under this Agreement and the Rules.

6. Disconnection of Facilities -- Customer retains the option to disconnect from Company's facilities. Customer shall notify Company of its intent to disconnect by giving Company at least thirty days' written notice. Such disconnection shall not be a termination of this Agreement unless Customer exercises rights under Section 7.

Customer shall disconnect Facilities from Company's facilities upon the effective date of any termination under Section 7.

Subject to Commission Rule, for routine maintenance and repairs of Company's facilities, Company shall provide Customer with seven business days' notice of service interruption.

Company shall have the right to suspend service in cases where continuance of service to Customer will endanger persons or property. During the forced outage of Company's facilities serving Customer, Company shall have the right to suspend service to effect immediate repairs of Company's facilities, but Company shall use its best efforts to provide Customer with reasonable prior notice.

7. Effective Term and Termination Rights -- This Agreement becomes effective when executed by both Parties and shall continue in effect until terminated. The Agreement may be terminated for the following reasons: (a) Customer may terminate this Agreement at any time, by giving Company sixty days' written notice; (b) Company may terminate upon failure by Customer to generate energy from Facilities in parallel with Company's facilities within twelve months after completion of the interconnection; (c) either Party may terminate by giving the other Party at least

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sixty days' written notice that the other Party is in default of any of the material terms and conditions of the Agreement, so long as the notice specifies the basis for termination and there is reasonable opportunity to cure the default; or (d) Company may terminate by giving Customer at least sixty days' written notice if possible in the event that there is a material change in an applicable rule or statute that necessitates termination of this Agreement.

8. **Governing Law and Regulatory Authority** -- *Please check the appropriate box.*

Customer acknowledges agreements other than this Agreement relating to the Facilities between Customer and other entities that do not involve the Company may not be subject to the jurisdiction of the Commission.

☐ **Person Other Than a Federal Agency:** This Agreement was executed in the State of Texas and must in all respects be governed by, interpreted, construed, and enforced in accordance with the laws thereof. This Agreement is subject to, and the Parties' obligations hereunder include, operating in full compliance with all valid, applicable federal, state, and local laws or ordinances, and all applicable rules, regulations, orders of, and tariffs approved by, duly constituted regulatory authorities having jurisdiction.

☐ **Federal Agency:** This Agreement was executed in the State of Texas and, to the extent not inconsistent with all applicable federal law (including, but not limited to: (a) the Anti-Deficiency Acts, 31 USC §§1341, 1342 and 1501-1519; (b) the Tort Claims Act, 28 USC Chapter 171, §§2671-2680, and 28 CFR Part 14; and (c) the Contract Disputes Act of 1978, as amended, 41 USC §§601-613), must in all respects be governed by, interpreted, construed, and enforced in accordance with the laws thereof. This Agreement is subject to, and the Parties' obligations hereunder include, operating in full compliance with all valid, applicable federal, state, and local laws or ordinances, and all applicable rules, regulations, orders of, and tariffs approved by, duly constituted regulatory authorities having jurisdiction.

9. **Amendment** -- This Agreement may be amended only upon mutual agreement of the Parties, which amendment will not be effective until reduced to writing and executed by the Parties.

10. **Entirety of Agreement and Prior Agreements Superseded** -- This Agreement, including the attached Exhibit A and Facility Schedules, which are expressly made a part hereof for all purposes, constitutes the entire agreement and understanding between the Parties with regard to the interconnection of the facilities of the Parties at the Points of Interconnection expressly provided for in this Agreement. The Parties are not bound by or liable for any statement, representation, promise, inducement, understanding, or undertaking of any kind or nature (whether written or oral) with regard to the subject matter hereof not set forth or provided for herein. This Agreement replaces all prior agreements and undertakings, oral or written, between the Parties with regard to the subject matter hereof, including without limitation

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_____ [specify any prior agreements being superseded], and all such agreements and undertakings are agreed by the Parties to no longer be of any force or effect. It is expressly acknowledged that the Parties may have other agreements covering other services not expressly provided for herein, which agreements are unaffected by this Agreement.

11. Written Notices -- Written notices given under this Agreement are deemed to have been duly delivered if hand delivered or sent by United States certified mail, return receipt requested, postage prepaid, to:

(a) If to Company:

(b) If to Customer:

The above-listed names, titles, and addresses of either Party may be changed by written notification to the other, notwithstanding Section 10.

12. Invoicing and Payment -- Invoicing and payment terms for services associated with this agreement shall be consistent with applicable Substantive Rules of the Commission.

13. Disclosure of Information to End-Use Customer -- If Customer is not the end-use customer, Company is hereby authorized to provide any information requested by the end-use customer concerning the Facility.

14. No Third-Party Beneficiaries -- This Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the Parties, and the obligations herein assumed are solely for the use and benefit of the Parties, their successors in interest and, where permitted, their assigns.

15. No Waiver -- The failure of a Party to this Agreement to insist, on any occasion, upon strict performance of any provision of this Agreement will not be considered to waive the obligations, rights, or duties imposed upon the Parties.

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16. **Headings** -- The descriptive headings of the various parts of this Agreement have been inserted for convenience of reference only and are to be afforded no significance in the interpretation or construction of this Agreement.

17. **Multiple Counterparts** -- This Agreement may be executed in two or more counterparts, each of which is deemed an original but all constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be signed by their respective duly authorized representatives.

CenterPoint Energy Houston Electric, LLC

Customer

By: _____

By: _____

Printed Name

Printed Name

Title: _____

Title: _____

Date: _____

Date: _____

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**AGREEMENT FOR INTERCONNECTION AND PARALLEL OPERATION OF
DISTRIBUTED GENERATION**

EXHIBIT A

LIST OF FACILITY SCHEDULES AND POINTS OF INTERCONNECTION

Facility Schedule No.

Name of Point of Interconnection

[Insert Facility Schedule number and name for each Point of Interconnection]

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FACILITY SCHEDULE NO.

[The following information is to be specified for each Point of Interconnection, if applicable.]

1. Customer Name:
2. Premises Owner Name:
3. Facility location:
4. Delivery voltage:
5. Metering (voltage, location, losses adjustment due to metering location, and other):
6. Normal Operation of Interconnection:
7. One line diagram attached (check one): _____ Yes / _____ No

If Yes, then the one-line drawing should show the most current drawing(s) available as of the signing of this Schedule. Company and Customer agree drawing(s) may be updated to meet as-built or design changes that occur during construction. Customer understands and agrees that any changes that substantially affect the protective or functional requirements required by the Company will need to be reviewed and accepted by Company.

8. Equipment to be furnished by Company:
(This section is intended to generally describe equipment to be furnished by Company to effectuate the interconnection and may not be a complete list of necessary equipment.)
9. Equipment to be furnished by Customer:
(This section is intended to describe equipment to be furnished by Customer to effectuate the interconnection and may not be a complete list of necessary equipment.)

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10. Cost Responsibility and Ownership and Control of Company Facilities:

Unless otherwise agreed or prescribed by applicable regulatory requirements or other law, any payments received by Company from Customer will remain the property of Company. Company shall at all times have title and complete ownership and control over facilities installed by Company.

11. Modifications to Customer Facilities:

Customer understands and agrees that, before making any modifications to its Facilities that substantially affect the protective or interconnection parameters or requirements used in the interconnection process (including in an Pre-interconnection Study performed by Company), Customer will both notify Company of, and receive approval by Company for, such modifications. Customer further understands and agrees that, if required pursuant to Commission Substantive Rule 25.211(m)(5), it will submit a new Application for Interconnection and Parallel Operation request for the desired modifications.

12. Supplemental terms and conditions attached (check one): _____ Yes / _____ No

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END-USE CUSTOMER AFFIRMATION SCHEDULE

The end-use customer selecting the entity who owns the DG facility (the DG owner or Option 2 entity), the owner of the premises at which the DG facility is located (premises owner or Option 3 entity), or the person who by contract is assigned ownership rights to energy produced by the DG facility (Option 4 entity) to act as Customer and Party to the Interconnection Agreement must sign and date the consent below.

“I affirm that I am the end-use customer for the distributed generation facility addressed in Facility Schedule No. __[insert applicable number] in the Interconnection Agreement between CenterPoint Energy Houston Electric, LLC and _____[insert name of Customer], and that I have selected _____ [insert name of Customer] or successor in interest to act as Customer and a Party to this Interconnection Agreement rather than me.

I acknowledge that the agreements that I have with _____[insert name of Customer] relating to the distributed generation facility addressed in Facility Schedule No. __[insert applicable number] may not be subject to the jurisdiction of the Public Utility Commission of Texas.”

[END-USE CUSTOMER NAME]

SIGNATURE: _____

DATE: _____

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6.3.4 OTHER AGREEMENT FORMS

6.3.4.1 AGREEMENT FOR SUBTRACTIVE METERING - TRANSMISSION VOLTAGE

ACCOUNT NO. A _____
SERVICE ADDRESS A: _____

ACCOUNT NO. B _____
SERVICE ADDRESS B: _____

This agreement is entered into by and between _____,
herein called "Retail Customer A".

and

_____, herein called "Retail Customer B", and
CenterPoint Energy Houston Electric, LLC, herein called "Company", as follows:

1. Retail Customer A will provide all necessary transformers and substation equipment necessary to receive and use electric power delivery service from Company's transmission voltage lines. This equipment is hereinafter referred to as "Transmission Voltage Substation". Retail Customer B, whose service arrangement requires that they also provide the facilities necessary to receive service from Company's overhead transmission voltage lines, has agreed to take power delivery service from Company. Retail Customer B will own and operate one or more electrical installations located on or near the property of Retail Customer A. Retail Customer B desires to receive electric power delivery service for its electrical installations from Company's overhead transmission voltage lines through Retail Customer A's Transmission Voltage Substation, and Retail Customer A is willing to allow Retail Customer B to receive electric power delivery service for Retail Customer B's electrical installations through the Transmission Voltage Substation. Retail Customer B agrees that if it has more than one electrical installation covered by this agreement, each installation ("Retail Customer B Installation") will, if required by Company, be separately metered and have its own ESI ID.
2. Company agrees to provide electric power delivery service to Retail Customer A in accordance with the Transmission Service Rate as supplemented herein, and in consideration of Company so doing, Retail Customer A agrees that charges made in accordance with the "Monthly Rate" section of its respective Rate Schedule will be increased by \$290.00 per month per meter.
3. Company agrees to provide electric power delivery service to Retail Customer B in accordance with the Transmission Service Rate as supplemented herein, and in consideration of Company so doing, Retail Customer B agrees that charges made

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in accordance with the "Monthly Rate" section of its respective Rate Schedule will be increased by \$290.00 per month per meter for a total of [insert # of Retail Customer B installations] separately metered Retail Customer B Installations.

4. In lieu of separate electrical facilities to receive transmission voltage service from Company, (1) Retail Customer B's electrical requirements will be supplied through Retail Customer A's Transmission Voltage Substation and (2) Company will meter said service with no regard for losses on Retail Customer's side of the Point of Delivery. Retail Customer A and Retail Customer B will arrange their electrical wiring in a manner acceptable to Company.
5. For billing purposes, Company will subtract the sum of Retail Customer B's kW, kVA and/or kWh usage for each separately metered Retail Customer B Installation from the total metered usage (the combined metered usage of Retail Customer B and Retail Customer A) before calculating Retail Customer A's monthly bill with no regard for electrical losses or clock synchronization differences.
6. Both Retail Customer A and Retail Customer B agree that if metered kW, kVA and/or kWh data for either Retail Customer is either not available or faulty during any part of a billing period, Company will estimate such kW, kVA and/or kWh data in order to determine both Retail Customer A's and Retail Customer B's bill.
7. Retail Customer A and Retail Customer B agree to indemnify and hold Company, its officers, agents, affiliates and employees harmless from any claims, causes of action, losses, damages, suits and liability of every kind (including all expenses of litigation, court costs and attorney's fees) for injury to or death of any person, or for damage to any property, or for economic loss, arising out of or in connection with the delivery service arrangements set forth herein, and resulting from any causes whatsoever, except only as a result of the sole negligence of Company. Retail Customer A agrees to allow Retail Customer B to receive electric power delivery service through Retail Customer A's Transmission Voltage Substation as long as this Agreement is in effect and Retail Customer B is taking the transmission service described herein.
8. This Agreement shall become effective on _____, 20 ____.
9. This Agreement shall continue in effect until terminated, which termination may be provided for by Retail Customer A, Retail Customer B or Company giving written notice of such termination to the other two parties at least one (1) year in advance of the date of termination.

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10. Except as expressly supplemented and amended by paragraphs 1 through 9 above, the provisions of the Transmission Service Rate specified in paragraph 2 and paragraph 3, and the Service Rules and Regulations in the Company's Tariff are not otherwise affected hereby.
11. This Agreement shall not be binding upon any party unless and until it has been duly executed in writing by all parties.

CenterPoint Energy Houston Electric, LLC

Vice-President

Date _____

Submitted by _____

Retail Customer A

By _____

(Name printed or typed)

Title _____

Date _____

Retail Customer B

By _____

(Name printed or typed)

Title _____

Date _____

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6.3.4.2 AGREEMENT FOR SUBTRACTIVE METERING – DISTRIBUTION VOLTAGEACCOUNT NO. A _____
SERVICE ADDRESS A: _____ACCOUNT NO. B _____
SERVICE ADDRESS B: _____

This agreement is entered into by and between _____,
herein called "Retail Customer A".

and

_____, herein called "Retail Customer B", and
CenterPoint Energy Houston Electric, LLC, herein called "Company", as follows:

1. Retail Customer A will provide all necessary switch gear and protective equipment necessary to receive and use electric power delivery service from Company's distribution voltage lines. This equipment is hereinafter referred to as "Distribution Panel". Retail Customer B, whose service arrangement requires that they also provide the facilities necessary to receive service from Company's distribution voltage lines, has agreed to take electric power delivery service from Company. Retail Customer B will own and operate one or more electrical installations located on or near the property of Retail Customer A. Retail Customer B desires to receive electric power delivery service for its electrical installations from Company's distribution voltage lines through Retail Customer A's Distribution Panel and Retail Customer A is willing to allow Retail Customer B to receive electrical power distribution service for Retail Customer B's electrical installations through Retail Customer A's Distribution Panel. Retail Customer B agrees that if it has more than one electrical installation covered by this agreement, each installation ("Retail Customer B Installation") will, if required by Company, be separately metered and have its own ESI ID.
2. Company agrees to provide electric power delivery service to Retail Customer A in accordance with Rate _____ as supplemented herein, and in consideration of Company so doing, Retail Customer A agrees that charges made in accordance with the "Monthly Rate" section of its respective Rate Schedule will be increased by \$290.00 per month per meter.
3. Company agrees to provide electric power delivery service to Retail Customer B in accordance with Rate _____ as supplemented herein, and in consideration of Company so doing, Retail Customer B agrees that charges made in accordance with the "Monthly Rate" section of its respective Rate Schedule will be increased by \$290.00 per month per meter for a total of [insert # of Retail Customer B installations] separately metered Retail Customer B Installations.

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4. In lieu of separate electrical facilities to receive distribution voltage service from Company, (1) Retail Customer B's electrical requirements will be supplied through Retail Customer A's Distribution Panel and (2) Company will meter said service with no regard for losses on retail Customer's side of the point of delivery. Retail Customer A and Retail Customer B will arrange their electrical wiring in a manner acceptable to Company.
5. For billing purposes, Company will subtract the sum of Retail Customer B's kW, kVA and/or kWh usage from the total metered usage for each separately metered Retail Customer B Installation (the combined metered usage of Retail Customer B and Retail Customer A) before calculating Retail Customer A's monthly bill with no regard for electrical losses or clock synchronization differences.
6. Both Retail Customer A and Retail Customer B agree that if metered kW, kVA and/or kWh data for either retail Customer is either not available or faulty during any part of a billing period, Company will estimate such kW, kVA and/or kWh data in order to determine both Retail Customer A's and Retail Customer B's bill.
7. Retail Customer A and Retail Customer B agree to indemnify and hold Company, its officers, agents, affiliates and employees harmless from any claims, causes of action, losses, damages, suits and liability of every kind (including all expenses of litigation, court costs and attorney's fees) for injury to or death of any person, or for damage to any property, or for economic loss, arising out of or in connection with the delivery service arrangements set forth herein, and resulting from any causes whatsoever, except only as a result of the sole negligence of Company. Retail Customer A agrees to allow Retail Customer B to receive electrical service through Retail Customer A's Distribution Panel as long as this Agreement is in effect and Retail Customer B is taking the distribution service described herein.
8. This Agreement shall become effective on _____, 20 ____.
9. This Agreement shall continue in effect until terminated, which termination may be provided for by Retail Customer A, Retail Customer B or Company giving written notice of such termination to the other two parties at least one (1) year in advance of the date of termination.
10. Except as expressly supplemented and amended by paragraphs 1 through 9 above, the provisions of the rate schedules specified in paragraph 2 and paragraph 3, and the Service Rules and Regulations in the Company's Tariff are not otherwise affected hereby.
11. This Agreement shall not be binding upon any party unless and until it has been duly executed in writing by all parties.

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CenterPoint Energy Houston Electric, LLC

Retail Customer A

By _____

(Name printed or typed)

Date _____

Title _____

Submitted by _____

Date _____

Retail Customer B

By _____

(Name printed or typed)

Title _____

Date _____

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**6.3.4.3 AGREEMENT AND TERMS AND CONDITIONS FOR PULSE
METERING EQUIPMENT INSTALLATION**

CenterPoint Energy Houston Electric, LLC (“Company”) and _____ [an Electric Power and Energy end-user; the written authorized representative of _____, an Electric Power and Energy end-user; or a retail electric provider for _____, an Electric Power and Energy end-user] (“Customer”) hereby agree that the provision of Pulse Metering Equipment will be governed by the Company’s Tariff for Retail Delivery Service and this Agreement and Terms and Conditions for Pulse Metering Equipment Installation (“Agreement”).

Upon the request of Customer, Company shall install, maintain, repair, replace, or remove Pulse Metering Equipment located at Company’s Meter used for billing Delivery System Services in accordance with the following terms and conditions:

1. Company shall install Pulse Metering Equipment, including: pulse initiator, as needed; external protective devices, as needed; junction box as needed; and necessary wiring and related materials and supplies up to a point for Customer’s interconnection.
2. Customer shall be responsible for the installation and maintenance of all wiring and equipment on Customer’s side of the point of interconnection with Company’s Pulse Metering Equipment.
3. Customer agrees that Company is not obligated to alter or adjust any meter reading based on the equipment that Customer installs to receive the Electrical Pulses provided for herein and that Company in no way guarantees that Customer’s equipment will operate satisfactorily.
4. Company shall charge and Customer shall pay (i) the installation charge as set forth in Company’s Tariff for Retail Delivery Service, or if there is no such charge, (ii) the difference in costs, if any, between the existing meter (or the standard meter if no meter is currently installed) and the cost of an advanced meter that meets Customer’s requirements, or (iii) the actual cost of the installation requirements, which includes the actual cost of equipment, labor, and overheads necessary to provide pulse access, or (iv) an engineering estimate thereof. Customer shall remit payment to Company for the costs incurred under this paragraph by the due date shown on Company’s invoice.
5. Only Company or Company’s authorized representatives shall install, maintain, repair, replace, or remove Pulse Metering Equipment. Company shall normally

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complete installation or removal of such equipment within thirty (30) days from the date request is made in accordance with Section 10. Normal installation times may be impacted by equipment availability or other factors beyond the reasonable control of Company. If Company determines that the installation time may exceed thirty (30) days, Company shall provide notice to customer pursuant to section 11 of this agreement. Company shall provide notice to Customer's contact person as set forth in section 11 of this Agreement when Pulse Metering Equipment installation is complete, including pulse multipliers for the meter, so that pulse data can be interpreted.

6. Company shall maintain, repair, or replace Pulse Metering Equipment installed hereunder, if and to the extent that such work is necessary to maintain the pulse access desired by Customer. If applicable, a charge for maintenance shall be optional, with Customer having the option whether to pay a monthly maintenance fee, rather than the cost of repair or replacement should such become necessary to maintain the pulse access desired by Customer. Company shall charge and Customer shall pay (i) the replacement charge, (ii) the actual cost of all required repairs/replacement, or (iii) an engineering estimate thereof. Company shall repair or replace only such Company equipment as requires repair or replacement.
7. If an isolation relay is used, under no circumstances shall Customer modify or interrupt the operation of Company's relay and associated wiring.
8. Company shall have the right to interrupt the pulse circuit in accordance with the provisions of the Company's tariff for Retail Delivery Service.
9. This Agreement may be amended, revised, or otherwise changed only by an appropriate order of an Applicable Legal Authority.
10. All requests for Pulse Metering Equipment shall be in writing and must include the following information:
 - (a). Customer name;
 - (b). Letter of authorization if Customer is other than an Electric Power and Energy end-user;
 - (c). Customer's authorized representative contact name, if applicable;
 - (d). Customer's authorized representative contact phone number, if applicable;
 - (e). ESI ID (if available);
 - (f). Service address (including City and zip code);
 - (g). Pulse data requested e.g. watt-hour, time, var-hour;
 - (h). Billing/Invoice Information, including:
 - Responsible Party;
 - Billing Address; and

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- (i). If Customer is not the owner of the premises upon which Pulse Metering Equipment will be located, Customer shall represent that Company is fully authorized to enter the premises and to perform any reasonable effort necessary to install, maintain, repair, replace, or remove Pulse Metering Equipment.
11. All communications necessary in the administration and execution of this Agreement may be effectuated by contacting Company and Customer at the addresses and telephone numbers set forth below:

FOR COMPANY:

Contact: _____

Address: _____

Email: _____

Phone Number: _____

Fax Number: _____

FOR CUSTOMER:

Contact: _____

Address: _____

Email: _____

Phone Number: _____

Fax Number: _____

Either party may change the preceding designation by providing the other party with no less than thirty (30) days advanced notification of such change.

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12. Except as expressly provided by this Agreement, no provisions of this Agreement shall revise, alter, modify, or amend Company's Tariff for Retail Delivery Service.
13. This Agreement shall commence upon the date of execution by both Parties (the "Effective Date") and shall terminate (a) upon mutual agreement of the Parties, or (b) written notification by Customer to Company that it requests to terminate this Agreement; or (c) upon the effective date of a new agreement between the Parties.
14. Termination of this Agreement, for any reason, shall not relieve Company or Customer of any obligation accrued or accruing prior to such termination.
15. This Agreement may be executed in two or more counterparts, each of which is deemed an original but all constitute one and the same instrument.

Company (insert name) CenterPoint Energy Houston Electric, LLC.

(legal signature) _____

(date) _____

Customer (insert name) _____

(legal signature) _____

(date) _____

6.3.4.4 AGREEMENT FOR METER OWNERSHIP AND/OR ACCESS FOR NON-COMPANY OWNED METERS

ESI ID: _____

(If this Agreement applies to multiple ESI IDs, the ESI IDs are listed on an Attachment that identifies the appropriate premise address for each ESI ID.)

_____ ("Company") and _____ ("Retail Customer") hereby agree that this Agreement for Meter Ownership and/or Access for Non-Company Owned Meters ("Agreement"), as well as Company's Tariff for Retail Delivery Service ("Tariff") and Applicable Legal Authorities, will govern Retail Customer's utilization of Non-Company Owned Meter(s), and Retail Customer's physical access to Non-Company Owned Meter(s) to obtain Meter Data at the ESI ID(s) specified above. All defined terms used herein will have the meanings specified in the Tariff, except as otherwise expressly provided in this Agreement.

This Agreement may be executed by a written authorized representative/agent ("Retail Customer's Agent"), acting on behalf of the Retail Customer pursuant to an executed Letter of Agency ("LOA") delivered to Company. Termination of the agency authority of Retail Customer's Agent will become effective as to this Agreement upon Company's receipt of written notice of such termination from the Retail Customer. A change in Retail Customer's Agent will become effective as to this Agreement only upon the Company's receipt of a new LOA designating a new Retail Customer's Agent, in which event Retail Customer is also responsible for promptly providing Company with the contact information for the new Retail Customer's Agent required under Section C of this Agreement. Retail Customer shall ensure that Retail Customer's Agent complies with this Agreement, the other applicable provisions of the Tariff, and Applicable Legal Authorities.

If Retail Customer is not the owner of the premises where the Non-Company Owned Meter(s) will be installed, Retail Customer represents that Company is fully authorized to enter the premises and perform any reasonable effort necessary to install, maintain, repair, replace, or remove the Non-Company Owned Meter(s).

A. UTILIZATION OF NON-COMPANY OWNED METER

1. **Meter Owner.** Retail Customer has selected and authorized _____ to be the Meter Owner of the Non-Company Owned Meter(s) at the ESI ID(s) specified above. A change in Meter Owner will become effective only upon a written amendment of this Agreement.
2. **Non-Company Owned Meter.** The Non-Company Owned Meter(s) selected from the ERCOT-approved competitive meter list that will be installed pursuant to this Agreement is/are _____ (i.e., meter manufacturer and type). Any credit to the Delivery Charges invoiced to the Retail Customer's Competitive Retailer for the utilization of Non-Company Owned Meter(s) shall be as provided in Section 6.1 - Rate Schedules of Company's Tariff.

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3. **Metering Services.** Company shall provide Metering Services as defined in PUC Substantive Rule 25.311(b)(5), (as the same may be changed from time to time by the Commission), excluding Meter ownership, to Retail Customer utilizing Non-Company Owned Meter(s). Charges may apply to these Metering Services as provided in Section 6.1 – Rate Schedules of Company’s Tariff.
4. **Requests for Metering Services.** Requests for Metering Services, including installation or removal of Non-Company Owned Meter(s), shall be made in accordance with Company’s Tariff and Applicable Legal Authorities.
5. **Shipping of Non-Company Owned Meters to Company.** A Non-Company Owned Meter shipped by the Meter Owner to the Company for testing and installation shall be shipped to the Company’s designated meter delivery address as provided herein, with shipping costs prepaid by the Meter Owner.
6. **Return of Non-Company Owned Meters to Meter Owner.** A Non-Company Owned Meter being returned to the Meter Owner for any reason (including removal from service) may be picked up by the Meter Owner at a Company designated location within ten business days after Company gives written notice that the Non-Company Owned Meter is being returned. If the Non-Company Owned Meter is not picked up by the Meter Owner within such ten business day period, Company will have the right to return the Non-Company Owned Meter to the Meter Owner using any of the following means: (a) shipping by Company to the Meter Owner, at the address specified herein, shipping to be paid by the Meter Owner, cash on delivery; (b) shipping to the Meter Owner using a shipper, Meter Owner account number and shipping instructions provided by the Meter Owner when the Meter Owner is notified that the Non-Company Owned Meter is being returned; or (c) other arrangements mutually agreed to by Company and Meter Owner. If a Non-Company Owned Meter that has been removed from service is not returned to the Meter Owner using one of the means specified above, Company will safeguard the Non-Company Owned Meter until the earlier of (i) the date the Meter Owner takes possession of it, or (ii) 60 calendar days from the date of removal.

B. ACCESS TO NON-COMPANY OWNED METER BY COMPANY TO OBTAIN METER DATA

1. **Billing and Settlement Meter Reading Capability.** Where remote meter reading is required, the method that Retail Customer will provide for the Company to remotely access the Non-Company Owned Meter(s) to obtain Meter Data necessary for the Company to fulfill its billing, settlement and reliability responsibilities pursuant to Applicable Legal Authorities (“Billing and Settlement Meter Reading Capability”) is _____ (e.g., cell phone, land line, radio, etc.). The Billing and Settlement Meter Reading Capability must be compatible with a method the Company currently uses elsewhere on its system for remote access to Billing Meters providing similar billing, settlement and reliability Meter Data. The Billing and Settlement Meter Reading Capability must comply with Section 5.10.2 – Retail Customer Responsibility and Rights of Company’s Tariff. Where remote meter reading is required, Retail Customer shall arrange for and be responsible for the costs, including any ongoing costs, of the remote communications for the Billing and Settlement Meter Reading Capability. Retail

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Customer shall have the Billing and Settlement Meter Reading Capability in effect beginning _____. Retail Customer shall provide Company with 45 calendar days advance written notice of termination of the Billing and Settlement Meter Reading Capability and agrees to work in good faith with Company to restore Company's remote meter reading capability.

- 2. Company's Access to Billing and Settlement Meter Reading Capability.** Company will not use Meter Data from a Non-Company Owned Meter for purposes other than fulfilling the Company's billing, settlement, and reliability responsibilities in accordance with Applicable Legal Authorities. Company shall have access to the Non-Company Owned Meter using the Billing and Settlement Meter Reading Capability, (a) on the scheduled meter reading day and the two calendar days on either side of the scheduled meter reading day, for _____ consecutive minutes beginning at _____ am/pm (circle one) (central prevailing time); and (b) on three additional consecutive calendar days designated by Company in writing for _____ consecutive minutes each day beginning at _____ am/pm (circle one) (central prevailing time). In addition, Company may access the Non-Company Owned Meter at other times if necessary to fulfill the Company's billing and settlement responsibilities or if access is not available at the designated times. If Company does not have reasonable access through the Billing and Settlement Meter Reading Capability to the Non-Company Owned Meter for a period exceeding 10 calendar days, or for the two calendar days on either side of and on the scheduled meter read date, or in the event that Company's access to billing and settlement data is blocked during the times listed herein, Retail Customer will be in breach of its obligations under this Agreement.
- 3. Charges.** Company shall not charge Retail Customer for access to the Meter Data nor shall Retail Customer charge Company for access to the billing, settlement and reliability Meter Data.

C. CONTACT INFORMATION

All notifications and other contacts necessary in the administration and execution of this Agreement may be effectuated by contacting Company, Retail Customer, Meter Owner, or Retail Customer's Agent at the addresses and telephone numbers set forth below:

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FOR COMPANY:

Contact: _____

Address: _____

Email: _____

Phone Number: _____

Fax Number: _____

For Receipt of Non-Company Owned Meter:

Contact: _____

Address: _____

FOR RETAIL CUSTOMER:

Company Name: _____

Contact Person: _____

Premise Address: _____

Billing Address: _____

Email: _____

Phone Number: _____

Fax Number: _____

Retail Customer's Competitive Retailer, contact name and phone number:

FOR METER OWNER:

Company Name: _____

Contact Person: _____

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Address: _____

Email: _____

Phone Number: _____

Fax Number: _____

For Return of Non-Company Owned Meter:

Contact Person: _____

Address: _____

FOR RETAIL CUSTOMER'S AGENT:

Company Name: _____

Contact Person: _____

Address: _____

Email: _____

Phone Number: _____

Fax Number: _____

Company will promptly provide to the Retail Customer any changes to the Company's contact information. The Retail Customer will promptly provide to Company any changes to the Retail Customer's, Meter Owner's, Competitive Retailer's or Retail Customer's Agent's contact information.

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D. OTHER TERMS AND CONDITIONS

1. The form of this Agreement may be amended, revised, or otherwise changed only by an appropriate order of Applicable Legal Authorities.
2. Except as expressly provided by this Agreement, no provisions of this Agreement shall revise, alter, modify, or amend other provisions of Company's Tariff for Retail Delivery Service.
3. This Agreement shall commence upon the date of execution by both Parties (the "Effective Date").
4. This Agreement shall terminate on the earlier of: (a) the date that none of the ESI IDs specified on the first page of this Agreement are associated with the Retail Customer; or (b) the date that all of the Non-Company Owned Meters provided for under this Agreement have been permanently removed, whether removed at the Retail Customer's request or pursuant to Applicable Legal Authorities; or (c) termination by the Retail Customer upon 45 calendar days advance written notice to the Company; or (d) termination by the Company upon Retail Customer's breach of any obligation under this Agreement that has remained uncured after Retail Customer and Retail Customer's Agent, if designated, have been given written notice of the breach and 30 calendar days to cure. Upon termination of the Agreement, Company shall have the right to remove the Non-Company Owned Meter(s) covered by this Agreement; provided that removal of Non-Company Owned Meters shall comply with Section 5.10.5 of the Tariff. Termination of the Agreement may result in applicable charges under Section 6.1 – Rate Schedules of Company's Tariff. Termination of this Agreement, for any reason, shall not relieve the Parties of any obligation accrued or accruing prior to such termination.
5. Retail Customer is responsible for providing accurate information to Company as requested herein, as well as accurate information necessary to facilitate Company's access through the Billing and Settlement Meter Reading Capability to billing, settlement and reliability Meter Data (e.g., telephone numbers). Retail Customer is responsible for promptly informing Company of any changes to that information. Failure to maintain the accuracy of the information required under this Agreement will constitute a breach of this Agreement.
6. This Agreement is binding upon Company and Retail Customer and their successors and assigns, provided that Retail Customer may assign this Agreement only to another Retail Customer taking service at the specified ESI IDs, and only upon giving written notice to Company and providing all pertinent changes to information requested herein.

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7. This Agreement may be executed in two or more counterparts, each of which is deemed an original but all constitute one and the same instrument.

Company (insert name) _____

(legal signature) _____

(date) _____

Retail Customer (insert name) _____

(legal signature) _____

(date) _____

ACKNOWLEDGED this ____ day of _____, by:

Meter Owner (insert name) _____

(legal signature) _____

(date) _____

ACKNOWLEDGED this ____ day of _____, by:

Retail Customer's Agent (insert name) _____

(legal signature) _____

(date) _____

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6.3.4.5 COMPETITIVE METERING LETTER OF AGENCY

Electric Service Identifier (ESI ID Number):*

Premise Address (include city, state, zip):*

Retail Customer:

Retail Customer's Billing Address:
(include city, state, zip)

Retail Customer's Email:

Retail Customer's Telephone Number:

Retail Customer's Fax Number:

Retail Electric Provider or (REP):

Transmission and Distribution Utility (TDU):

Retail Customer's Agent:

Retail Customer's Agent's Address:
(include city, state, zip)

Retail Customer's Agent's Email:

Retail Customer's Agent's Telephone Number:

Retail Customer's Agent's Fax Number:

*** If this Letter of Agency applies to multiple ESI IDs, the ESI IDs are listed on an Attachment that identifies the appropriate premise address for each ESI ID.**

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The Retail Customer designates the Retail Customer's Agent for purposes of performing Retail Customer's duties provided for in the "Agreement for Meter Ownership and/or Access" (the "Agreement"), as well as giving and receiving information in accordance with the Competitive Metering Guides of the Electric Reliability Council of Texas ("ERCOT").

In addition to the duties included in the Agreement, Retail Customer appoints Agent to:

- (1) Communicate with and authorize TDU to maintain, repair, and replace the Non-Company Owned Meter(s), as may be reasonable and necessary;
- (2) Submit to and obtain from the TDU information requests, service requests, and data access; and,
- (3) Authorize TDU to enter the Premise at reasonable times and to perform all reasonable and necessary work to install the Non-Company Owned Meter(s) at the Premise and to maintain, repair, replace, and remove the Non-Company Owned Meter(s).

Retail Customer acknowledges that Retail Customer is obligated to pay all amounts due to the TDU pursuant to its tariffs approved by the Public Utility Commission of Texas. Failure of Agent to perform Retail Customer's duties does not relieve Retail Customer of any obligation under the Agreement or tariffs.

By signing this Letter of Agency, Retail Customer represents that if Retail Customer is not the owner of the premises upon which the Non-Company Owned Meter and any associated equipment will be located, that Company is fully authorized by the owner of the premises to enter the premises and to perform any reasonable work necessary to install, maintain, repair, replace, or remove such Meter and associated equipment.

Representation: By signing this Letter of Agency, Retail Customer represents that Retail Customer is at least 18 years old and has the legal capacity to execute this document.

Termination: This Letter of Agency can be terminated at any time, provided however that with regard to the Agreement, termination shall be effective only upon TDU's receipt of written notice of such termination from Retail Customer. Retail Customer represents by its signature hereunder that Retail Customer is aware of its affirmative duty to promptly inform the TDU of any changes to this Letter of Agency, including its termination.

Retail Customer

Date

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6.3.4.6 PREMIUM SERVICE AGREEMENT

Premium Service Study Agreement

This Premium Service Study Agreement is dated _____ and made between CenterPoint Energy Houston Electric, LLC ("**Company**") and _____ ("**Retail Customer**").

Company is an electric utility that provides standard retail electric power delivery service ("**Standard Service**") through its utility distribution and transmission system (the "**Delivery System**") to customers pursuant to the standard rate schedules in its Tariff for Retail Delivery Service (the "**Tariff**") and offers back-up or redundant electric power delivery service ("**Premium Service**") to customers with non-Standard Service requirements pursuant to the Company's Premium Service rate schedule in its Tariff.

Retail Customer desires Premium Service at its facility located at _____ (the "**Customer Facility**") and has requested Company to perform a design and engineering study to determine the Delivery System modifications and additions necessary to provide the Premium Service desired by Retail Customer at the Customer Facility (the "**PRS Study**").

Company will perform the PRS Study for a fee and in accordance with this agreement.

In consideration of the mutual covenants and promises herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, Retail Customer and Company agree as follows:

1. **PRS Study Fee.** Retail Customer shall pay Company a fee for the PRS Study in an amount equal to \$_____ (the "**PRS Study Fee**"). After Retail Customer's execution and delivery of this agreement to Company, Company will invoice Retail Customer for the PRS Study Fee. The PRS Study Fee is non-refundable pursuant to the Tariff.

2. **PRS Study.** After its receipt of the PRS Study Fee, Company will commence work on the PRS Study. Company will use reasonable efforts to complete the PRS Study within _____ months after Company's receipt of the PRS Study Fee from Retail Customer. Retail Customer acknowledges and agrees that the PRS Study is provided on an "as is" basis, and that Company makes no warranties respecting its accuracy or suitability for any particular purpose.

3. **Completion.** Upon completion of the PRS Study, Company shall notify Retail Customer of its completion and schedule a mutually convenient time for appropriate representatives of the Company and Retail Customer to discuss the results and findings in the

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PRS Study. Such discussion may occur in person or by phone, at the discretion of Company. Retail Customer will have [insert number of days or months] after its receipt of the completed PRS Study to accept the Premium Service described therein by executing a Premium Service Agreement with Company. Any offer to provide Premium Service contained in the completed PRS Study will become void if a Premium Service Agreement is not entered into between the parties before the end of that period unless extended in writing by Company.

4. Incorporation of Tariff. The Tariff is incorporated into this agreement, including without limitation Sections 5.2.1 (limitation of liability), 5.2.4 (force majeure), and 5.2.6 (disclaimer of warranties) thereof. In the event of any conflict between the terms of this agreement and the terms of the Tariff, the terms of the Tariff shall prevail.

5. Notices. Any written notice required or permitted under this agreement shall be deemed to have been duly given on the date of receipt, and shall be either served personally on the party to whom notice is to be given, or mailed to the party to whom notice is to be given by first class, registered or certified mail, return receipt requested, postage prepaid, and addressed to the addressee at the address stated opposite its name below:

Company: CenterPoint Energy Houston Electric, LLC
P.O. Box 1700
Houston, Texas 77251-1700

Retail Customer: [INSERT ADDRESS]

6. Final Agreement. This agreement contains the final and complete agreement of the parties hereto regarding the subject matter hereof and supersedes all prior understandings and agreements between them with respect thereto.

IN WITNESS WHEREOF, this agreement is executed as of the date first written above by the parties' duly authorized personnel.

CenterPoint Energy Houston Electric, LLC

[Insert Retail Customer's Name]

By: _____
(Signature)

By: _____
(Signature)

(Print Name)

(Print Name)

(Title)

(Title)

PREMIUM SERVICE AGREEMENT

This PREMIUM SERVICE AGREEMENT (this "**Agreement**") is dated as of the ____ day of _____, _____ and made between Center Point Energy Houston Electric, LLC ("**Company**") and _____ ("**Retail Customer**").

Company is an electric utility that provides standard retail electric power delivery service ("**Standard Service**") through its utility distribution and transmission system (the "**Delivery System**") to customers pursuant to the standard rate schedules in its Tariff for Retail Delivery Service (the "**Tariff**") and offers back-up or redundant electric power delivery service ("**Premium Service**") to customers with non-Standard Service requirements pursuant to the Company's Premium Service rate schedule in its Tariff.

Retail Customer has requested Company to provide Premium Service to Retail Customer's facility located at _____ (the "**Customer Facility**").

Company has completed a pre-construction study dated [insert date] (the "**PRS Study**") and determined that the Customer Facility has a peak kVA usage level of [insert kVA] (the "**Peak Usage**") and is at a suitable location to receive Premium Service with a reserve capacity equal to the Peak Usage.

In consideration of the mutual covenants and promises herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, Retail Customer and Company agree as follows:

1. **Defined Terms.** All capitalized terms used but not defined in this Agreement have the respective meanings given to them in the Tariff.

2. **Installation of the Equipment.** Subject to the terms and conditions herein, Company shall use Good Utility Practice to provide the Construction Services, including the installation of equipment and extension of the Delivery System, necessary to enable the provision of Premium Service to the Customer Facility as described in the PRS Study. Notwithstanding anything to the contrary herein, Company's obligation to commence or complete such Construction Services is contingent on Company's receipt of the Upfront Payment from Retail Customer pursuant to Section 3 hereof and any easements or rights-of-way necessary for the placement of Company's equipment. Retail Customer shall be responsible for making any modifications to the Customer Facility that are necessary to accommodate the Premium Service at Retail Customer's cost. Retail Customer shall promptly notify Company in

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writing of any matters with respect to the operation of the Customer Facility that may affect the installation of the Company equipment necessary to provide the Premium Service.

3. Upfront Payment. Prior to the commencement of Construction Services under this Agreement, Retail Customer shall make an upfront payment to Company in the amount of \$_____ (the “**Upfront Payment**”). Retail Customer acknowledges and agrees that the Upfront Payment is non-refundable pursuant to the Tariff.

4. Monthly Payments. Retail Customer shall pay \$___ per month (the “**Monthly Charge**”) to Company for Premium Service commencing in the month that such service is activated and continuing until the termination of this Agreement. Pursuant to the Tariff, the Monthly Charge is intended to recover the operation and maintenance costs related to Company’s provision of Premium Service to the Customer Facility with a reserve capacity equal to the Peak Usage. Customer acknowledges that the Monthly Charge owed by Retail Customer to Company is in addition to any charges for Standard Service owed by Retail Customer to its retail electric provider.

5. Title and Premium Service Activation. Title to the equipment installed by the Company shall reside at all times with Company and considered part of the Delivery System. Title to equipment installed by the Retail Customer at the Customer Facility, if any, shall reside at all times with Retail Customer. Company shall notify Retail Customer when the Construction Services are completed, and the Premium Service is ready for activation.

6. Incorporation of Tariff. The Tariff is incorporated into this Agreement, including without limitation Sections 5.2.1 (limitation of liability), 5.2.4 (force majeure), and 5.2.6 (disclaimer of warranties) thereof. In the event of any conflict between the terms of this Agreement and the terms of the Tariff, as may be modified from time to time by the Public Utility Commission of Texas, the terms of the Tariff shall prevail.

7. Termination. This Agreement is effective upon the execution hereof by both parties hereto and, subject to subsections (a) and (b) of this Section, will continue in effect thereafter for a period of five years from the date of this Agreement (the “**Initial Term**”), and will automatically renew thereafter for successive five year periods (each, a “**Renewal Term**”); provided, however, that either party may terminate this Agreement as of the end of the Initial Term or any Renewal Term by giving notice of termination to the other party at least 30 days prior to such end. The Initial Term and each Renewal Term are subject to the following additional termination rights:

(a) Company may terminate this Agreement on 30-days’ prior notice at any time during the Initial Term or any Renewal Term (i) for non-payment, (ii) if the actual usage

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level at the Customer Facility exceeds the Peak Usage, or (iii) if a change of ownership of the Customer Facility occurs; and

(b) Retail Customer may terminate this Agreement at any time during the Initial Term or any Renewal Term on 30-days' prior notice.

Upon termination of this Agreement for any reason, Retail Customer shall pay Company for the cost of removal of Company's equipment installed to provide Premium Service to the Customer Facility. Any outstanding Monthly Charge payment obligations of Retail Customer accrued as of the date of termination will survive termination.

8. Amendments; Waiver. This Agreement may not be amended, supplemented, waived or modified except by written agreement signed by an authorized representative of each party hereof. Any failure by either party to enforce any provision hereof shall not constitute a waiver by that party of its right subsequently to enforce the same or any other provision hereof.

9. Interpretation. This Agreement shall in all respects be governed and construed in accordance with the laws of the State of Texas, excluding its choice of law principals, and such laws shall govern all disputes under this Agreement. This Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than Company and Retail Customer. The descriptive headings of the various sections of this Agreement have been inserted for convenience of reference only and are of no significance in the interpretation or construction of this Agreement. This Agreement shall not be interpreted or construed to create an association, joint venture, agency relationship, or partnership between the parties hereto or to impose any partnership obligation or liability upon either party. Neither party hereto has any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other party.

10. Notices. Any written notice required or permitted under this Agreement shall be deemed to have been duly given on the date of receipt, and shall be either served personally or delivered by email, fax, overnight carrier, or first class mail addressed to the addressee at the address stated below:

Company:	CenterPoint Energy Houston Electric, LLC
	P.O. Box 1700
	Houston, Texas 77251-1700
Fax:	
email:	
Attn:	

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Retail Customer: [INSERT ADDRESS]

Invoices and billing inquiries shall be sent to such persons at such addresses as each party shall specify by written notice given to the other party.

11. Final Agreement. This Agreement contains the final and complete agreement of the parties hereto regarding the subject matter hereof and supersedes all prior understandings and agreements between them with respect thereto.

12. Counterparts. The parties may execute this Agreement in multiple counterparts, which shall, in the aggregate, constitute one and the same agreement.

IN WITNESS WHEREOF, this Agreement is executed as of the date first written above by the parties' duly authorized personnel.

CenterPoint Energy Houston Electric, LLC

[Insert Retail Customer's Name]

By: _____
(Signature)

By: _____
(Signature)

(Print Name)

(Print Name)

(Title)

(Title)

Chapter 6: Company Specific Items

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CenterPoint Energy Houston Electric, LLC

Applicable: Entire Service Area

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6.3.4.7 GENERAL PURPOSE CONSTRUCTION SERVICES AGREEMENT**Utility Construction Services Study Agreement**

This Utility Construction Services Study Agreement is dated _____ and made between CenterPoint Energy Houston Electric, LLC ("**Company**") and _____ ("**Customer**").

Company is an electric public utility that provides electric delivery service to the public through public utility delivery system facilities within its service territory ("**Delivery Facilities**") pursuant to its Tariff for Retail Delivery Service (the "**Tariff**"). Company also provides various **Construction Services**, as defined in the Tariff, related to its Delivery Facilities if requested by a customer and after execution of a Utility Construction Services Agreement (a "**Construction Services Agreement**"). Depending on the type of Construction Services requested by a customer, the Company will perform a study (a "**Construction Study**") to determine the feasibility of, and the estimated cost for, the requested Construction Services prior to entering into a Construction Services Agreement with the customer.

Company has determined, and Customer acknowledges, that a Construction Study is required for the Construction Services project requested by Customer on [Insert Date that the Customer's Request Was Made] (the "**Project**").

Customer and Company therefore agree as follows:

1. **Study Fee.** Customer shall pay Company a nonrefundable fee of \$ _____ (the "**Study Fee**") up front to cover the cost of a Construction Study for the Project. After Customer's execution and delivery of this agreement to Company, Company will invoice Customer for the Study Fee.

2. **Construction Study.** After its receipt of the Study Fee, Company will commence work on the Construction Study. Company will use reasonable efforts to complete the Construction Study within [Insert Number of Days, Weeks or Months] after Company's receipt of the Study Fee from Customer. Customer acknowledges and agrees that the Construction Study is provided on an "as is" basis, and that Company makes no warranties respecting its accuracy or suitability for any particular purpose.

3. **Completion.** Upon completion of the Construction Study, Company will notify Customer of its completion and schedule a mutually convenient time for appropriate representatives of the Company and Customer to discuss the results and findings in the Construction Study. Such discussion may occur in person or by phone, at the discretion of Company. Customer will have [insert number of days or months] after its receipt of the results

Chapter 6: Company Specific Items

Sheet No. 6.34

Page 2 of 2

CenterPoint Energy Houston Electric, LLC

Applicable: Entire Service Area

CNP 8044

and findings in the Construction Study to execute a Construction Services Agreement with Company for the Project.

4. Incorporation of Tariff. The Tariff is incorporated into this agreement, including without limitation Sections 5.2.1 (limitation of liability), 5.2.4 (force majeure), and 5.2.6 (disclaimer of warranties) thereof. In the event of any conflict between the terms of this agreement and the terms of the Tariff, the terms of the Tariff shall prevail.

5. Final Agreement. This agreement contains the final and complete agreement of the parties hereto regarding the subject matter hereof and supersedes all prior understandings and agreements between them with respect thereto.

IN WITNESS WHEREOF, this agreement is executed as of the date first written above by the parties' duly authorized personnel.

CenterPoint Energy Houston Electric, LLC

[Insert Customer's Name]

By: _____
(Signature)

By: _____
(Signature)

(Print Name)

(Print Name)

(Title)

(Title)

CenterPoint Energy Houston Electric, LLC
Applicable: Entire Service Area

CNP 8045

Utility Construction Services Agreement

This Utility Construction Services Agreement (this "Agreement") is entered into as of the ____ day of May, 2017 between CenterPoint Energy Houston Electric, LLC ("CenterPoint Energy") and _____ ("Customer").

Customer has requested the Construction Services described below by CenterPoint Energy, and CenterPoint Energy is willing to provide such Construction Services upon its receipt of funds from Customer sufficient to cover the estimated costs for providing the Construction Services. Customer and CenterPoint Energy therefore agree as follows:

1. **Defined Terms.** All capitalized terms used but not otherwise defined in this Agreement have the respective meanings set forth in CenterPoint Energy's Tariff for Retail Delivery Service (the "Tariff") approved by the Commission.

2. **Description of Construction Services.** Subject to its receipt of the Estimated Amount described in Section 3 hereof, CenterPoint Energy will provide the following Construction Services as requested by Customer (*check as applicable*):

- ☐ Relocation of any part of the Delivery System
- ☐ Installation or extension of non-standard Delivery System facilities
- ☐ Repair, maintenance or replacement work on the Delivery System outside of CenterPoint Energy's normal hours of operation as specified in the Tariff
- ☐ Other

The Construction Services to be provided under this Agreement (a) will be performed by CenterPoint Energy in accordance with Good Utility Practice and (b) may be further described in an attachment to this Agreement labeled Exhibit A. An Exhibit A ☐ is or ☐ is not attached to this Agreement as of the date hereof (*check one*).

3. **Customer Upfront Payment.** Customer agrees to pay the cost of the Construction Services described in this Agreement. CenterPoint Energy estimates the cost of the Construction Services to be \$_____ (the "Estimated Amount"). Customer shall pay the Estimated Amount to CenterPoint Energy prior to CenterPoint Energy's commencement of the Construction Services. CenterPoint Energy may revise the Estimated Amount at any time after receiving payment thereof based on Good Utility Practice, and Customer shall pay the revised Estimated Amount prior to CenterPoint Energy's commencement or continued performance of the Construction Services. Customer's payment of the Estimated Amount is non-refundable.

4. **Ownership of Equipment.** Title to all equipment and facilities installed, constructed or relocated by CenterPoint Energy pursuant to this Agreement shall remain with CenterPoint Energy.

Chapter 6: Company Specific Items

Sheet No. 6.34

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CenterPoint Energy Houston Electric, LLC

Applicable: Entire Service Area

CNP 8045

5. Incorporation of Tariff. The provisions of the Tariff governing Construction Services are incorporated into this Agreement, in particular Sections 5.2.1 (limitation of liability), 5.2.4 (force majeure), and 5.2.6 (disclaimer of warranties) of the Tariff. In the event of any conflict between the terms of this Agreement and the terms of the Tariff, the terms of the Tariff shall prevail.

6. Governing Law; No Third Party Beneficiaries; Interpretation. This Agreement is to be interpreted under the laws of the State of Texas, excluding its choice of law principles, and such laws shall govern all disputes under this Agreement. This Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the parties hereto, and the obligations herein assumed are solely for the use and benefit of the parties hereto, their successors in interest and, where permitted, their assigns. The descriptive headings of the various sections of this Agreement have been inserted for convenience of reference only and are of no significance in the interpretation or construction of this Agreement. This Agreement shall not be interpreted or construed to create an association, joint venture, agency relationship, or partnership between the parties hereto or to impose any partnership obligation or liability upon either party.

7. Execution and Amendment. This Agreement may be executed in two or more counterparts which may be in portable document format (PDF) or other electronic form, each of which is deemed an original but all constitute one and the same instrument. This Agreement may be amended only upon mutual written agreement of the parties.

8. No Agency. Neither party hereto has any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other party.

9. Final Agreement. This Agreement contains the final and complete agreement of the parties hereto regarding the subject matter hereof and supersedes all prior understandings and agreements between them with respect thereto.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement to be effective as of the date first written above.

Chapter 6: Company Specific Items

Sheet No. 6.34

Page 3 of 3

CenterPoint Energy Houston Electric, LLC

Applicable: Entire Service Area

CNP 8045

**CENTERPOINT ENERGY HOUSTON [INSERT CUSTOMER'S NAME]
ELECTRIC, LLC**

By: _____
(Signature)

(Name)

(Title)

By: _____
(Signature)

(Name)

(Title)

CenterPoint Energy Houston Electric, LLC
Applicable: Entire Service Area

CNP 8044

APPENDIX A**AGREEMENT BETWEEN COMPANY AND COMPETITIVE RETAILER REGARDING TERMS AND CONDITIONS OF DELIVERY OF ELECTRIC POWER AND ENERGY (DELIVERY SERVICE AGREEMENT)**

Company and Competitive Retailer hereby agree that their relationship regarding the Delivery of Electric Power and Energy will be governed by the terms and conditions set forth in Company's Tariff approved by the Public Utility Commission of Texas (Commission). A copy of this Tariff may be obtained by contacting the Central Records Department of the Commission.

- I. Notices, bills, or payments required in Company's Tariff shall be delivered to the following addresses:

FOR COMPANY

Legal Name: _____

Mailing Address: _____

Phone Number: _____

Fax Number: _____

Email Address: _____

Payment Address (both electronic and postal): _____

Company may change such contact information through written notice to Competitive Retailer.

FOR COMPETITIVE RETAILER

Legal Name: _____

Mailing Address: _____

Appendix A

CenterPoint Energy Houston Electric, LLC
Applicable: Entire Service Area

CNP 8044

Phone Number: _____

Fax Number: _____

Email Address: _____

Billing Address (both electronic and postal): _____

PUC Certificate Number: _____

Competitive Retailer may change contact information through written notice to Company.

II. A. DESIGNATION OF CONTACT FOR REPORTING OF OUTAGES, INTERRUPTIONS,
AND IRREGULARITIES

*Please place a check on the line beside the option selected. ***These options and attendant duties are discussed in Pro-Forma Tariff section 4.11.1.***

____ Competitive Retailer will direct Retail Customers to call Competitive Retailer to report outages, interruptions, and irregularities and will then electronically forward such information to Company.

____ Competitive Retailer will direct Retail Customers to call Competitive Retailer to report outages, interruptions, and irregularities and will then forward such calls to Company at the following toll-free number:

1-8XX-XXX-XXXX

____ Competitive Retailer will direct Retail Customers to directly call or contact Company to report outages, interruptions, and irregularities. Competitive Retailer will provide Retail Customer with the following Company supplied toll-free number for purposes of such reporting:

1-8XX-XXX-XXXX

B. DESIGNATION OF CONTACT FOR MAKING SERVICE REQUESTS

*Please place a check on the line beside the option selected. ***These options and attendant duties are discussed in Pro-Forma Tariff section 4.11.1.***

Appendix A

CenterPoint Energy Houston Electric, LLC
Applicable: Entire Service Area

CNP 8044

- ___ Competitive Retailer will direct Retail Customers to call Competitive Retailer to make service requests and will then electronically forward such information to Company.
- ___ Competitive Retailer will direct Retail Customers to call Competitive Retailer to make service requests and will then forward such calls to Company at the following toll-free number:

1-8XX-XXX-XXXX
- ___ Competitive Retailer will direct Retail Customers to directly call or contact Company to make service requests. Competitive Retailer will provide Retail Customer with the following Company supplied toll-free number for purposes of making such requests.

1-8XX-XXX-XXXX

III. TERM

This Agreement shall commence upon the date of execution by both Parties (the "Effective Date") and shall terminate upon mutual agreement of the Parties or upon the earlier of the date (a) Competitive Retailer informs the Company that it is no longer operating as a Competitive Retailer in Company's service territory; (b) a new Delivery Service Agreement between the Parties hereto becomes effective; or (c) Competitive Retailer is no longer certified by the Commission as a Retail Electric Provider in Company's certificated service area.

Termination of this Agreement, for any reason, shall not relieve Company or Competitive Retailer of any obligation accrued or accruing prior to such termination.

- IV. This Agreement may be executed in two or more counterparts, each of which is deemed an original but all constitute one and the same instrument.

V. SIGNATURES

Company (insert name)

(legal signature)

(date)

Competitive Retailer (insert name)

(legal signature)

(date)

**TARIFF FOR
WHOLESALE TRANSMISSION SERVICE**

**CenterPoint Energy Houston Electric, LLC
1111 LOUISIANA
P. O. BOX 1700
HOUSTON, TEXAS 77251**

Table of Contents

Sheet No. TOC-1
Page 1 of 1

CenterPoint Energy Houston Electric, LLC
Applicable: ERCOT Region

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WHOLESALE TRANSMISSION SERVICE – WTS	7

Chapter 1

Definitions

Sheet No. 1.1

Page 1 of 1

CenterPoint Energy Houston Electric, LLC
Applicable: ERCOT Region

1.1 - DEFINITIONS

Unless defined within this Tariff, terms and acronyms used in this Tariff shall have the meanings and descriptions as defined in the Public Utility Commission of Texas Substantive Rule 25.5 and the Electric Reliability Council of Texas ("ERCOT") Protocols. If there is a conflict between the Substantive Rule and the ERCOT Protocols, the definitions contained within the Substantive Rule will control.

Chapter 2

Preliminary Statement

Sheet No. 2.1

Page 1 of 1

CenterPoint Energy Houston Electric, LLC
Applicable: ERCOT Region

2.1 - PRELIMINARY STATEMENT

CenterPoint Energy Houston Electric, LLC (“Company”), which is CenterPoint Energy, Inc.’s affiliated Transmission and Distribution Utility, is a transmission service provider in the ERCOT Region of Texas. Sections 25.191, 25.192, 25.195, 25.196, 25.198, 25.200, 25.202, and 25.203 of the Substantive Rules of the Public Utility Commission of Texas (“Commission” or “PUC”) address the provision of wholesale transmission service in the ERCOT Region of Texas. In accordance with those rules, this Tariff establishes the rates, terms and conditions, and policies for the provision of wholesale transmission service by CenterPoint Energy Houston Electric, LLC and its relationship with a Transmission Service Customer (“Customer”).

Chapter 3

Sheet No. 3.1

Terms and Conditions for Wholesale Transmission Service

Page 2 of 2

CenterPoint Energy Houston Electric, LLC

Applicable: ERCOT Region

**TERMS AND CONDITIONS FOR WHOLESALE TRANSMISSION SERVICE
APPLICABLE TO RATE SCHEDULE WTS**

1. Transmission service will be provided in accordance with the following: the Public Utility Regulatory Act ("PURA"), the Commission Substantive Rules, and the ERCOT Protocols (collectively "Applicable Legal Authorities"); the terms and conditions of this Tariff; any Interconnection Agreement; and rate schedule WTS. Any changes made by the Applicable Legal Authorities will automatically become effective.
2. The provisions of this Subsection shall apply only to the operation of Company and Customer within ERCOT. Company and Customer (collectively "Parties" or, each individually "Party") represent and warrant to each other that, except in compliance with the Orders of the Federal Energy Regulatory Commission ("FERC") in FERC Docket No. EL 79-8 et seq. issued on October 28, 1981, and subsequent orders (collectively "the Orders"), they do not, either directly or through connections with other entities, transmit electric energy in interstate commerce or sell electric energy in interstate commerce or own or operate any such facilities. Each party agrees that it will not, except in compliance with the Orders, engage, directly or through other entities, in any such interstate activities or operate, establish, maintain, modify, or utilize, directly or through other entities, any connection or facility used or to be used for the sale or transmission of electric energy in interstate commerce without one year's prior written notice to the other party. The party desiring to commence interstate operation agrees to file an application with, and use its best efforts to obtain an order from FERC, applicable to the other party, under Sections 210, 211 and 212 of the Federal Power Act, requiring the establishment, maintenance, modification, or utilization of any such connection that may be involved; provided, however, that compliance with the Orders shall not require further notice to the parties or application to the FERC pursuant to this Subsection.

It is understood and agreed that the failure of the party electing to commence interstate operations to comply with any provision of this Subsection or the Orders shall entitle the other party to disconnect its facilities.

The parties agree that it will be impossible to measure in terms of money the damages which may or will accrue by reason of any breach of the representation and warranty set forth above, or any failure in the performance of any of the obligations contained in this Subsection. For that reason, among others, the parties agree that, in case of any such breach or failure, the non-breaching party will be irreparably damaged if this Subsection is not specifically enforced, and accordingly, the parties agree that the non-breaching party is entitled to specific performance of the provisions of this Subsection, in addition to any other remedies which may exist. If the non-breaching party should institute proceedings to enforce these provisions, the breaching party waives any claim or defense that inadequate remedy at law exists.

Chapter 3

Sheet No. 3.1

Terms and Conditions for Wholesale Transmission Service

Page 2 of 2

CenterPoint Energy Houston Electric, LLC

Applicable: ERCOT Region

Nothing contained in this Subsection shall preclude the utilization of connections for the transmission of electric energy in interstate commerce under bona fide emergencies pursuant to the provisions of Section 202(d) of the Federal Power Act.

3. Company or ERCOT may suspend, curtail, or redispatch transmission service pursuant to PUC Substantive Rule 25.200.
4. Customers are subject to credit requirements as set forth in PUC Substantive Rule 25.202(c).
5. Indemnification and liability between Company and Customer shall be in accordance with PUC Substantive Rule 25.202 (b).
6. New generating facilities shall be connected to the transmission system in accordance with the Standard Generation Interconnection Agreement, which may be modified by mutual agreement of the Parties, as specified in PUC Substantive Rule 25.195 (a). All other interconnections to the transmission system shall be made on a case by case basis in accordance with PUC Substantive Rules 25.191, 25.195, and 25.198.
7. There shall be added to any charges under rate schedule WTS amounts equal to any applicable fees and sales and excise taxes levied at their current rates inclusive of any tax rate/fee changes and new taxes/fees.
8. In the event that a dispute arises over the provision of transmission service or the pricing or other terms or conditions of such services, the parties to the dispute shall engage in alternative dispute resolution pursuant to PUC Substantive Rule 25.203.

Chapter 4: Rate Schedules
Wholesale Transmission Service - WTS

Sheet No. 4.1
Page 1 of 3

CenterPoint Energy Houston Electric, LLC
Applicable: ERCOT Region

WHOLESALE TRANSMISSION SERVICE - WTS

AVAILABILITY

Wholesale transmission service is provided to any Transmission Service Customer ("Customer") as that term is defined in the Public Utility Commission of Texas ("PUC") Substantive Rule 25.5 at all points where transmission facilities of adequate capacity and suitable voltage are made available to implement wholesale transmission service. Service shall be in accordance with applicable PUC Substantive Rules, Chapter 25, Subchapter I, Division 1. This rate schedule shall not apply to service that is subject to the jurisdiction of the Federal Energy Regulatory Commission ("FERC"), unless so ordered by FERC pursuant to lawful authority under the Federal Power Act. Any power delivered onto or received from the Company's transmission grid under this rate schedule must be delivered onto or received from transmission lines that operate nominally at 60,000 volts or higher, three phase, 60 hertz alternating current, that have been made available for this service.

This rate schedule applies only to wholesale transmission service within the Electric Reliability Council of Texas ("ERCOT") Region, including service scheduled across the DC ties, and does not govern transactions outside the jurisdiction of the PUC.

Exports from generating facilities that are located immediately adjacent to a tie-line facility where the energy delivered from the generating facility to the tie line is through a single substation, and that meet the criteria of the Oklahoma Exemption under the ERCOT protocols, shall not be subject to transmission service charges for exports of power out of ERCOT region over DC ties.

PRICING

In accordance with PUC Substantive Rule 25.192, each Distribution Service Provider ("DSP") and exporting entity, including Qualified Scheduling Entities ("QSE"), within ERCOT shall be assessed a transmission service charge for transmission service based upon either the DSP's coincident peak load as defined in PUC Substantive Rule 25.192(d) or the ERCOT export entity reported load scheduled across the DC ties.

Chapter 4: Rate Schedules
Wholesale Transmission Service - WTS

Sheet No. 4.1
Page 2 of 3

CenterPoint Energy Houston Electric, LLC
Applicable: ERCOT Region

A. For Service to Load Within ERCOT:

The monthly transmission service charge shall be calculated by multiplying (a) the monthly transmission service rate by (b) the DSP's previous year's average 4CP kW demand that is coincident with the ERCOT 4CP demand.

Transmission Service Monthly Rate: \$0.415689 per kW per Month

Additionally, a \$0.011380 per kW of the ERCOT 2018 coincident peak demand (Docket No. 48928) monthly refund for 36 months to return unprotected excess deferred income taxes ("UEDIT") in the amount of \$9,472,972.99 annually will be effective beginning the first full billing month after the effective date of this rate schedule.

B. For Service to Export Electric Power From ERCOT

The monthly transmission service charge shall be calculated by multiplying (a) the ERCOT export entity reported load across the DC ties by (b) the hourly on-peak rate for the months of June through September kW and the hourly off-peak rate for all other months.

Annual Rate per kW	\$4.988273
Monthly On-Peak Rate per kW	\$1.247068
Monthly Off-Peak Rate per kW	\$0.415689
Weekly On-Peak Rate per kW	\$0.287785
Weekly Off-Peak Rate per kW	\$0.095928
Daily On-Peak Rate per kW	\$0.041112
Daily Off-Peak Rate per kW	\$0.013704
Hourly On-Peak Rate per kW	\$0.001713
Hourly Off-Peak Rate per kW	\$0.000571

Chapter 4: Rate Schedules
Wholesale Transmission Service - WTS

Sheet No. 4.1
Page 3 of 3

CenterPoint Energy Houston Electric, LLC
Applicable: ERCOT Region

PAYMENT

All charges due to the Company under this rate schedule shall be billed in accordance with PUC Substantive Rule 25.202. The DSP or export entity shall make payment to Company in a manner consistent with the procedures and deadlines set forth in PUC Substantive Rule 25.202. Any late payments by DSP or export entity, or default by DSP or export entity shall be handled in accordance with PUC Substantive Rule 25.202.

NOTICE

Wholesale transmission service furnished under this rate schedule is subject to Company's Terms and Conditions for Wholesale Transmission Service, Sheet No. 3.1, the terms of PUC Substantive Rules, Chapter 25, Subchapter I, Division 1, and applicable ERCOT Protocols, as amended from time to time.

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
EXHIBIT D - TOTAL RATE BASE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
(THOUSANDS OF DOLLARS)

Line No.	Description	Reference Schedule	1 Commission Adopted	2 TRAN	3 DIST	4 MET	5 TDCS	6 Total TX Retail
1	Original Cost of Plant	II-B-1	10,537,558	3,483,564	6,696,344	289,790	67,860	10,537,558
2	General Plant	II-B-2	489,125	81,130	359,056	25,240	23,699	489,125
3	Communication Equipment	II-B-3	485,947	95,200	310,994	33,840	45,913	485,947
4	Commission Number Run Adjustment		(20,178)	(3,669)	(13,833)	(1,559)	(1,117)	(20,178)
5	Total Plant		11,492,452	3,656,225	7,352,562	347,311	136,354	11,492,452
6								
7	Minus: Accumulated Depreciation	II-B-5	3,803,220	906,543	2,682,191	156,606	57,881	3,803,220
8								
9	Net Plant In Service		7,689,232	2,749,682	4,670,371	190,705	78,473	7,689,232
10								
11	Other Rate Base Items:							
12	CWIP	II-B-4	-	-	-	-	-	-
13	Plant Held for Future Use	II-B-6	929	156	684	40	49	929
14	Accumulated Provisions	II-B-7	(13,880)	(7,654)	(4,306)	(1,231)	(690)	(13,880)
15	Accumulated Deferred Federal Income Taxes	II-B-7	(967,419)	(270,408)	(662,571)	(26,682)	(7,758)	(967,419)
16	Materials & Supplies	II-B-8	109,729	45,595	61,915	2,219	-	109,729
17	Cash Working Capital	II-B-9	24,269	3,882	15,955	1,932	2,499	24,269
18	Prepayments	II-B-10	117,523	25,529	74,305	11,112	6,577	117,523
19	Other Rate Base Items							
20	Customer Deposits & Advances	II-B-11	(417)	(417)	-	-	-	(417)
21	Regulatory Liabilities	II-B-11	(779,131)	(131,397)	(565,367)	(43,683)	(38,684)	(779,131)
22	Regulatory Assets	II-B-12	85,239	1,702	74,202	8,572	762	85,239
23								
24	Total Other Rate Base Items		(1,423,159)	(333,010)	(1,005,183)	(47,720)	(37,245)	(1,423,159)
25								
26	TOTAL RATE BASE		6,266,073	2,416,672	3,665,188	142,985	41,228	6,266,073
27								
28	Rate of Return	II-C-1.1	6.33%	6.33%	6.33%	6.33%	6.33%	6.33%
29								
30	RETURN ON RATE BASE		396,642	152,975	232,006	9,051	2,610	396,642

PUBLIC UTILITY COMMISSION OF TEXAS
DOCKET NO 49421 (CEHE base-rate case)
TEST YEAR ENDING 12/31/2018
Final Order Number Run
IV-J-7 UNPROTECTED EXCESS DEFERRED INCOME TAX - UEDIT RIDER

Line No.	Class	Estimated Billing Units		TAX		Amount \$
		Kva or 4CP	kWh	Charges	Units	
1						
2	Residential		29,428,636,118	\$ (0.000629)	\$ / kWh	\$ (18,497,710)
3						
4	Secondary					
5	=<10 Kva		917,454,734	\$ (0.000525)	\$ / kWh	\$ (481,383)
6	>10 Kva	82,033,303		\$ (0.116823)	\$ / Billing Kva	\$ (9,583,365)
7						
8	Primary	13,460,975		\$ (0.066524)	\$ / Billing Kva	\$ (895,481)
9						
10	Transmission	29,796,612		\$ (0.066511)	\$ / 4CP Kva	\$ (1,981,792)
11						
12	Street Lighting		204,275,174	\$ (0.003967)	\$ / kWh	\$ (810,385)
13	Miscellaneous Lighting		48,990,596	\$ (0.000919)	\$ / kWh	\$ (45,021)
14						
15	TOTAL					\$ (32,295,138)
16						
17						
18						
19	UEDIT is allocated to the classes based on the following:					
20						
21			Initial Amounts			
22	Residential		\$ (18,497,710)			
23	Secondary					
24	=<10 Kva		\$ (481,383)			
25	>10 Kva		\$ (9,583,365)			
26	Primary		\$ (895,481)			
27	Transmission Voltage Service		\$ (1,981,792)			
28	Street Lighting		\$ (810,385)			
29	Miscellaneous Lighting		\$ (45,021)			
30	Total		\$ (32,295,138)			
31						

PUBLIC UTILITY COMMISSION OF TEXAS
DOCKET NO 49421 (CEHE base-rate case)
TEST YEAR ENDING 12/31/2018
Final Order Number Run
IV-J-7 UEDIT WHOLESALE

CenterPoint Energy Houston Electric, LLC

Development of Wholesale Transmission Service Rate for UEDIT

	<u>Annual Refund</u>	
25% of UEDIT	\$ (9,472,972.99)	UEDIT - 3 yr Amortized Amount
2019 ERCOT Average 4CPs	<u>69,368,963.5</u> kW	Docket 48928
Annual Wholesale Transmission Service Rate - UEDIT	(\$0.136559) per kW	
Monthly Transmission Service Rate - UEDIT	(\$0.011380) per kW	

CenterPoint Energy Houston Electric, LLC
Depreciation Rates

FERC	Description	Rate
Intangible Plant		
303	Software 5 Year Life	20.00%
303	Software 7 Year Life	14.29%
303	Software 10 Year Life	10.00%
303	Software 15 Year Life	6.67%
Transmission Plant		
350	Land Rights	1.31%
352	Structures and Improvements	1.74%
353	Station Equipment	2.05%
354	Towers and Fixtures	2.15%
355	Poles and Fixtures	2.47%
356	Overhead Conductors and Devices	3.21%
357	Underground Conduit	1.73%
358	Underground Conductors and Devices	2.35%
359	Roads and Trails	1.90%
Distribution Plant (Excluding Meters)		
360	Land Rights	1.55%
361	Structures and Improvements	1.68%
362	Station Equipment	2.14%
364	Poles, Towers and Fixtures	3.84%
365	Overhead Conductors and Devices	3.24%
366	Underground Conduits	1.96%
367	Underground Conductors and Devices	3.34%
368	Line Transformers	3.71%
369	Services	3.76%
370	Meters	3.32%
37003	Smart Meters	4.77%
373 & 374	Street Lighting and Signal Systems	3.09%
General Plant (Excluding General Plant Amortized)		
389	Land Rights	1.80%
390	Structures and Improvements	2.05%
392	Transportation Equipment	6.73%
396	Power Equipment	5.10%
39701	Microwave Equipment	5.08%
General Plant Amortized		
391	Office Furniture and Equipment	4.17%
393	Stores Equipment	5.26%
394	Tools, Shop, Garage Equipment	5.56%
395	Lab Equipment	4.00%
39702	Computer Equipment	12.50%
39801	Miscellaneous Equipment	5.00%

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
Exhibit G - Baseline Wholesale Transmission Cost of Service
Schedule A: Summary of Transmission Cost of Service

Line No.	Description	Total Approved Docket No. 49421 (1)	Schedule / Workpaper Reference
1	Operation & Maintenance	\$ 93,779,910	Docket 49421 Schedule E-1 Schedule E-2 Schedule E-3 Schedule B
2	Depreciation and Amortization	79,287,976	
3	Taxes Other Than Income Taxes	37,683,992	
4	Federal Income Tax	20,255,423	
5	Return on Rate Base	152,975,324	
6	Total Revenue Requirement	\$ 383,982,625	Docket 49421
7	Other Revenues*	\$ (37,311,102)	
8	Total	\$ 346,671,523	

* Includes FERC 456.1 Export Revenues

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
Exhibit G - Baseline Wholesale Transmission Cost of Service
Schedule B: Rate Base

Docket No. 49421 Settlement
Exhibit G
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Line No.	Description	Total Approved Docket No. 49421 (1)	Schedule / Workpaper Reference
	Direct Assigned:		
1	FERC Accounts (350-62, 390, and 397)		
2	Original Plant In Service		Schedule B-1
3	(Accumulated Depreciation)		Schedule B-5
3	Net Plant In Service	\$ 2,680,884,434	
4	Allocated Plant Accounts - Net	\$ 68,797,703	Docket 49421
5	CWIP	\$ -	Docket 49421
6	Plant Held for Future Use	\$ 156,347	Docket 49421
7	Accumulated Provisions	(7,653,871)	Docket 49421
8	Accumulated Deferred Federal Income Tax (ADFIT)		Docket 49421
9	Protected Excess Deferred Federal Income Tax (EDIT Reg Liability)	(118,126,937)	Docket 49421
10	Materials & Supplies	45,595,064	Docket 49421
11	Cash Working Capital	3,882,153	Docket 49421
12	Prepayments	25,529,231	Docket 49421
	Other		
13	Customer Deposits & Advances	(417,000)	Docket 49421
14	Reg Liabilities	(13,269,723)	Docket 49421
15	Reg Assets	1,702,284	Docket 49421
16	Total Rate Base	\$ 2,416,671,791	
17	Rate of Return	6.33%	Docket 49421
18	Return on Rate Base	\$ 152,975,324	Schedule A

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
Exhibit G - Baseline Wholesale Transmission Cost of Service
Schedule B-1: Transmission Plant

Line No.	Account No.	Description	Transmission Plant in Service Docket No. 49421 (1)
		Transmission Plant	
1	A350.01	Land Owned in Fee	\$ 48,522,159
2	A350.02	Land Rights	\$ 100,975,829
3	A352.01	Structures and Improvements	\$ 195,206,791
4	A353.01	Station Equipment	\$ 916,041,906
5	A354.01	Towers and Fixtures	\$ 843,178,648
6	A355.01	Poles and Fixtures	\$ 124,989,000
7	A356.01	O.H. Conductors & Devices	\$ 612,374,000
8	A357.01	Underground Conduit	\$ 38,060,000
9	A358.01	Underground Conductors	\$ 14,661,000
10	A359.01	Roads and Trails	\$ 81,533,000
11		Total Transmission Plant	\$ 2,975,542,334
		Distribution Plant above 60kv	
12	A360.01	Land Owned in Fee	\$ 14,089,341
13	A360.02	Land Rights	\$ 61,072
14	A361.01	Structures & Improvements	\$ 36,464,745
15	A362.01	Station Equipment	\$ 452,923,045
16		Total Distribution Plant Above 60kv	\$ 503,538,202
		Other Plant	
17	A390.01	Structures and Improvements	\$ 30,118,169
18	A397.01	Microwave Equipment	67,902,301
19	A397.02	Computer Equipment	27,297,366
20		Other Plant	\$ 125,317,836
21		Docket No. 49421 Adjustments	
22		Total Transmission Plant In Service - Gross	\$ 3,600,729,125