



Control Number: 49421



Item Number: 342

Addendum StartPage: 0

SOAH DOCKET NO. 473-19-3864  
PUC DOCKET NO. 49421

APPLICATION OF CENTERPOINT § BEFORE THE STATE OFFICE  
ENERGY HOUSTON ELECTRIC, LLC § OF  
FOR AUTHORITY TO CHANGE RATES § ADMINISTRATIVE HEARINGS

May 28, 2019

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**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
2019 CEHE RATE CASE  
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON  
REQUEST NO.: COH18-01**

**QUESTION:**

Please refer to page 1 of 1 of COH04-01 Attachment 1 to CenterPoint's response to City of Houston 4th Request For Information Question No. COH04-01 and please explain the following:

- a. What "PC" stands for;
- b. What plants in service are involved in providing service for Street Lights PC;
- c. What plants in service are involved in providing service for MAG PARK - CENT - OPER; and
- d. What plants in service are involved in providing service for SUGAR LAND PC.

**ANSWER:**

For item (a) the abbreviation "PC" stands for Profit Center. Please see COH18-01 Attachment 2.xlsx for detailed explanations of the services or functions or activities provided by item (b) Street Lights PC, item (c) MAG PARK – CENT OPER and item (d) SUGAR LAND PC. Please see COH18-01 Attachment 1.xlsx for the plant in service in asset class 37301 for item (b) Street Lights PC, item (c) MAG PARK – CENT OPER and item (d) SUGAR LAND PC.

**SPONSOR (PREPARER):**

Kristie Colvin/Randal Pryor (Kristie Colvin/Randal Pryor)

**RESPONSIVE DOCUMENTS:**

COH18-01 Attachment 1.xlsx

COH18-02 Attachment 2.xlsx

## CenterPoint Energy Houston Electric, LLC

Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount
E37301	STREET LT/SIGNAL SYS	3731030	WOOD POLE 30'	101459	STREET LIGHTS PC	5,438.02
E37301	STREET LT/SIGNAL SYS	3736025	LIGHTING STND, UG,SODIUM VAP,1LT,W/BRKT	101459	STREET LIGHTS PC	(560 37)
E37301	STREET LT/SIGNAL SYS	3738535	CONTROL EQ,SWITCH,TIME,RIPLEY SUNSWITCH	101459	STREET LIGHTS PC	127 81
E37301	STREET LT/SIGNAL SYS	3738565	CONTROL EQUIPMENT, PROTECTOR, NOVALUX	101459	STREET LIGHTS PC	137 48
E37301	STREET LT/SIGNAL SYS	3738570	TRF,CURRENT,66/20AMP,IL CLASS,W/BOX	101459	STREET LIGHTS PC	144.05
E37301	STREET LT/SIGNAL SYS	3738545	CONTROL EQUIPMENT, SWITCH, SAFETY, DPST	101459	STREET LIGHTS PC	252.48
E37301	STREET LT/SIGNAL SYS	3736120	LIGHTING BRACKET, UNDERGROUND, MV, 2LT (	101459	STREET LIGHTS PC	254.59
E37301	STREET LT/SIGNAL SYS	3738010	TRANSFORMER, OH,EC, 2400V, 5KW, 6.6 AMP	101459	STREET LIGHTS PC	371 37
E37301	STREET LT/SIGNAL SYS	3736115	LIGHTING BRACKET, UNDERGROUND, MV, 1LT (	101459	STREET LIGHTS PC	385 33
E37301	STREET LT/SIGNAL SYS	3738525	CONTROL EQUIPMENT, SWITCH, KNIFE, FUSED	101459	STREET LIGHTS PC	456.27
E37301	STREET LT/SIGNAL SYS	3738530	CONTROL EQUIPMNT, SWITCH, TIME CLOCK TYPE	101459	STREET LIGHTS PC	529 80
E37301	STREET LT/SIGNAL SYS	3738065	TRANSFORMER, UG,EC,2400V, 10KW, 6.6 AMP	101459	STREET LIGHTS PC	542 63
E37301	STREET LT/SIGNAL SYS	3736130	LIGHTING BRACKET, UNDERGROUND, MV, 1LT (	101459	STREET LIGHTS PC	676 15
E37301	STREET LT/SIGNAL SYS	3738540	CONTROL EQUIPMENT, SWITCH, STARTER	101459	STREET LIGHTS PC	714.92
E37301	STREET LT/SIGNAL SYS	3738023	TRANSFORMER, OH,EC, 2400V, 15KW, 20 AMP	101459	STREET LIGHTS PC	809.13
E37301	STREET LT/SIGNAL SYS	3738015	TRANSFORMER, OH,EC,2400V, 10KV, 6.6 AMP	101459	STREET LIGHTS PC	995 61
E37301	STREET LT/SIGNAL SYS	3738520	CONTROL EQUIPMENT, SWITCH, OIL FUSED	101459	STREET LIGHTS PC	1,082 47
E37301	STREET LT/SIGNAL SYS	3738555	CONTROL EQUIPMENT, SWITCH, TIME, SAUTER	101459	STREET LIGHTS PC	1,163 67
E37301	STREET LT/SIGNAL SYS	3738070	TRANSFORMER, UG,EC, 2400V, 25KW, 6 6 AMP	101459	STREET LIGHTS PC	1,168.70
E37301	STREET LT/SIGNAL SYS	3738025	TRANSFORMER, OH,EC, 2400V, 20KW, 3 3 AMP	101459	STREET LIGHTS PC	1,299 01
E37301	STREET LT/SIGNAL SYS	3731025	POLES, WOOD, 25 FT	101459	STREET LIGHTS PC	1,726.37
E37301	STREET LT/SIGNAL SYS	3738020	TRANSFORMER, OH, EC, 2400V, 15KV, 6 6AMP	101459	STREET LIGHTS PC	1,794.99
E37301	STREET LT/SIGNAL SYS	3738510	CNTL EQ,SWITCH,REMOTE CONTROL,OIL,SUBWAY	101459	STREET LIGHTS PC	2,212 46
E37301	STREET LT/SIGNAL SYS	3731002	LIGHTING FIXTURES,OVERHEAD,MERCURY VAPOR	101459	STREET LIGHTS PC	2,261 12
E37301	STREET LT/SIGNAL SYS	3738005	TRANSFORMER, OH,EC,211V, 25KV, 6.6 AMP	101459	STREET LIGHTS PC	2,327 95
E37301	STREET LT/SIGNAL SYS	3737001	CONDUIT, CLAY AND CONCRETE	101459	STREET LIGHTS PC	2,524 61
E37301	STREET LT/SIGNAL SYS	3738550	CONTROL EQUIPMENT, SWITCH, SAFETY, TPST	101459	STREET LIGHTS PC	6,509.60
E37301	STREET LT/SIGNAL SYS	3737004	CONDUIT, ALUMINUM	101459	STREET LIGHTS PC	6,538 74
E37301	STREET LT/SIGNAL SYS	3733010	CONDUCTOR, OVERHEAD, COPPER CABLE	101459	STREET LIGHTS PC	6,772 33
E37301	STREET LT/SIGNAL SYS	3738035	TRANSFORMER, OH,EC, 7200V, 20KW, 3.3 AMP	101459	STREET LIGHTS PC	7,298.82
E37301	STREET LT/SIGNAL SYS	3731001	LIGHTING FIXT,OH,MERCURY VAPOR,AREA TYPE	101459	STREET LIGHTS PC	11,893 42
E37301	STREET LT/SIGNAL SYS	3738515	CNTL EQ,SWITCH,AIR BREAK,208V,VAULT TYPE	101459	STREET LIGHTS PC	12,338.40
E37301	STREET LT/SIGNAL SYS	3738030	TRANSFORMER, OH,EC, 2400V, 25KW, 6 6 AMP	101459	STREET LIGHTS PC	12,494.97
E37301	STREET LT/SIGNAL SYS	3738060	TRANSFORMER, UG,EC, 211V,25KW, 6 6 AMP	101459	STREET LIGHTS PC	18,505.24
E37301	STREET LT/SIGNAL SYS	3735020	COMBINATION LIGHTNING ARRESTER & CUTOUT	101459	STREET LIGHTS PC	21,133.73

## CenterPoint Energy Houston Electric, LLC

SOAH Docket No. 473-19-3864

PUC Docket No. 49421

COH18-01 Attachment 1.xlsx

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Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount
E37301	STREET LT/SIGNAL SYS	3732010	CONDUCTOR, OVERHEAD, ALUMINUM INSULATED	101459	STREET LIGHTS PC	23,262.37
E37301	STREET LT/SIGNAL SYS	3736140	LIGHTING BRACKET UNDERGROUND SINGLE LIGH	101459	STREET LIGHTS PC	25,050.00
E37301	STREET LT/SIGNAL SYS	3738505	CNTL EQ, SWITCH, REMOTE CONTROL, OIL, OH	101459	STREET LIGHTS PC	26,162.86
E37301	STREET LT/SIGNAL SYS	3736135	LTG SRD UG 1 LT WBRKT CONCRETE	101459	STREET LIGHTS PC	29,402.51
E37301	STREET LT/SIGNAL SYS	3738040	TRANSFORMER, OH, EC, 7200V, 25KW, 6 6 AMP	101459	STREET LIGHTS PC	38,592.70
E37301	STREET LT/SIGNAL SYS	3730010	KATY ACORN ARLI ARM	101459	STREET LIGHTS PC	40,647.11
E37301	STREET LT/SIGNAL SYS	3735040	CUTOUPS, OIL FUSED	101459	STREET LIGHTS PC	43,340.51
E37301	STREET LT/SIGNAL SYS	3732020	CONDUCTOR, OVERHEAD, ALUMINUM BARE	101459	STREET LIGHTS PC	46,374.40
E37301	STREET LT/SIGNAL SYS	3731009	LIGHTING FIXT ,OH, SODIUM VAPOR, SEC RDWY	101459	STREET LIGHTS PC	49,696.99
E37301	STREET LT/SIGNAL SYS	3733040	CONCRETE STREET LIGHT POLE WOODLANDS	101459	STREET LIGHTS PC	59,376.01
E37301	STREET LT/SIGNAL SYS	3737120	WIRE, UNDERGROUND, COPPER, BARE	101459	STREET LIGHTS PC	75,766.75
E37301	STREET LT/SIGNAL SYS	3736145	TEXAN POLE 38 FT.	101459	STREET LIGHTS PC	87,122.69
E37301	STREET LT/SIGNAL SYS	3736146	30 FT SUGARLAND COBRA	101459	STREET LIGHTS PC	132,833.42
E37301	STREET LT/SIGNAL SYS	3735050	LIGHTNING ARRESTERS	101459	STREET LIGHTS PC	175,316.10
E37301	STREET LT/SIGNAL SYS	3737002	CONDUIT, FIBER	101459	STREET LIGHTS PC	184,500.16
E37301	STREET LT/SIGNAL SYS	3731010	CONDUCTOR, OVERHEAD, COPPER INSULATED	101459	STREET LIGHTS PC	206,510.49
E37301	STREET LT/SIGNAL SYS	3731035	POLES, WOOD 35 FT	101459	STREET LIGHTS PC	206,870.26
E37301	STREET LT/SIGNAL SYS	3736150	THEATRE POLE 33FT.	101459	STREET LIGHTS PC	239,458.74
E37301	STREET LT/SIGNAL SYS	3731120	POLE, 10', ARLINGTON ANTIQUE	101459	STREET LIGHTS PC	384,201.49
E37301	STREET LT/SIGNAL SYS	3730999	LUMINAIRE, MH	101459	STREET LIGHTS PC	421,635.79
E37301	STREET LT/SIGNAL SYS	3730006	LIGHTING STANDARDS, OVERHEAD 2LT W/BRACK	101459	STREET LIGHTS PC	761,933.51
E37301	STREET LT/SIGNAL SYS	3730005	LIGHTING STANDARDS, OVERHEAD 1LT W/BRACK	101459	STREET LIGHTS PC	772,402.85
E37301	STREET LT/SIGNAL SYS	3735030	CUTOUPS, CONVENTIONAL TYPE	101459	STREET LIGHTS PC	885,001.96
E37301	STREET LT/SIGNAL SYS	3730001	LIGHTING FIXTURES, OVERHEAD AREA TYPE	101459	STREET LIGHTS PC	1,964,844.48
E37301	STREET LT/SIGNAL SYS	3738560	CONTROL EQUIPMENT, RELAY, CONTROL	101459	STREET LIGHTS PC	2,246,429.94
E37301	STREET LT/SIGNAL SYS	3736137	LIGHTING STANDARDS, UNDERGROUND 2LT W/BR	101459	STREET LIGHTS PC	2,316,588.22
E37301	STREET LT/SIGNAL SYS	3734010	CONDUCTOR, OVERHEAD, ALUMINUM CABLE	101459	STREET LIGHTS PC	3,562,957.75
E37301	STREET LT/SIGNAL SYS	3737003	CONDUIT, STEEL	101459	STREET LIGHTS PC	3,843,301.75
E37301	STREET LT/SIGNAL SYS	3736131	LIGHTING STANDARDS, UNDERGROUND 1LT NO B	101459	STREET LIGHTS PC	3,901,424.59
E37301	STREET LT/SIGNAL SYS	3731020	CONDUCTOR, OVERHEAD, COPPER BARE	101459	STREET LIGHTS PC	5,327,183.54
E37301	STREET LT/SIGNAL SYS	3731000	LUMINAIRE, HPS	101459	STREET LIGHTS PC	8,180,307.94
E37301	STREET LT/SIGNAL SYS	3736138	LIGHTING STANDARDS, UNDERGROUND MAIN ST	101459	STREET LIGHTS PC	11,667,203.08
E37301	STREET LT/SIGNAL SYS	3735090	RELAY, PROTECTIVE	101459	STREET LIGHTS PC	19,211,943.45
E37301	STREET LT/SIGNAL SYS	3737005	CONDUIT, PLASTIC	101459	STREET LIGHTS PC	28,462,393.37
E37301	STREET LT/SIGNAL SYS	3730002	LIGHTING FIXTURES, OVERHEAD MAST ARM	101459	STREET LIGHTS PC	36,506,379.90

CenterPoint Energy Houston Electric, LLC

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COH18-01 Attachment 1.xlsx  
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Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount
E37301	STREET LT/SIGNAL SYS	3737010	CABLE, UNDERGROUND, COPPER	101459	STREET LIGHTS PC	38,774,778.66
E37301	STREET LT/SIGNAL SYS	3730997	LUMINAIRE, LED	101459	STREET LIGHTS PC	53,462,339.97
E37301	STREET LT/SIGNAL SYS	3737020	CABLE, UNDERGROUND, ALUMINUM	101459	STREET LIGHTS PC	178,982,458.47
E37301	STREET LT/SIGNAL SYS	3736134	LIGHTING STANDARDS, UNDERGROUND 1LT W/ B	101459	STREET LIGHTS PC	181,437,158.23
E37301	STREET LT/SIGNAL SYS	3735060	CAPCITORS, 15 KVA, 7200 VOLT	101459	STREET LIGHTS PC	1,017.44
CE37301	CCNC STREET LT/SIGNAL SYS			101459	STREET LIGHTS PC	9,335,759.89
						<b>594,232,252.21 b</b>
E37301	STREET LT/SIGNAL SYS	3735090	RELAY, PROTECTIVE	101566	SUGAR LAND PC	220.48
E37301	STREET LT/SIGNAL SYS	3730997	LUMINAIRE, LED	101566	SUGAR LAND PC	1,100.97
E37301	STREET LT/SIGNAL SYS	3731000	LUMINAIRE, HPS	101566	SUGAR LAND PC	7,575.95
E37301	STREET LT/SIGNAL SYS	3730002	LIGHTING FIXTURES, OVERHEAD MAST ARM	101566	SUGAR LAND PC	10,129.36
E37301	STREET LT/SIGNAL SYS	3737020	CABLE, UNDERGROUND, ALUMINUM	101566	SUGAR LAND PC	15,767.49
E37301	STREET LT/SIGNAL SYS	3736134	LIGHTING STANDARDS, UNDERGROUND 1LT W/ B	101566	SUGAR LAND PC	30,084.21
E37301	STREET LT/SIGNAL SYS	3738560	CONTROL EQUIPMENT, RELAY, CONTROL	101566	SUGAR LAND PC	2,033.39
E37301	STREET LT/SIGNAL SYS	3737010	CABLE, UNDERGROUND, COPPER	101566	SUGAR LAND PC	5,230.45
E37301	STREET LT/SIGNAL SYS	3730001	LIGHTING FIXTURES, OVERHEAD AREA TYPE	101566	SUGAR LAND PC	5,234.08
E37301	STREET LT/SIGNAL SYS	3737005	CONDUIT, PLASTIC	101566	SUGAR LAND PC	65,229.61
CE37301	CCNC STREET LT/SIGNAL SYS			101566	SUGAR LAND PC	1,016.92
						<b>143,622.91 d.</b>
E37301	STREET LT/SIGNAL SYS	3737005	CONDUIT, PLASTIC	101676	BERRY/MAG PARK INAC	1,210.70
E37301	STREET LT/SIGNAL SYS	3734010	CONDUCTOR, OVERHEAD, ALUMINUM CABLE	101676	BERRY/MAG PARK INAC	1,394.06
E37301	STREET LT/SIGNAL SYS	3731020	CONDUCTOR, OVERHEAD, COPPER BARE	101676	BERRY/MAG PARK INAC	6,408.15
E37301	STREET LT/SIGNAL SYS	3730001	LIGHTING FIXTURES, OVERHEAD AREA TYPE	101676	BERRY/MAG PARK INAC	10,989.11
E37301	STREET LT/SIGNAL SYS	3734010	CONDUCTOR, OVERHEAD, ALUMINUM CABLE	101676	BERRY/MAG PARK INAC	1,049.83
E37301	STREET LT/SIGNAL SYS	3737005	CONDUIT, PLASTIC	101676	BERRY/MAG PARK INAC	9,386.89
E37301	STREET LT/SIGNAL SYS	3730002	LIGHTING FIXTURES, OVERHEAD MAST ARM	101676	BERRY/MAG PARK INAC	21,091.26
E37301	STREET LT/SIGNAL SYS	3731020	CONDUCTOR, OVERHEAD, COPPER BARE	101676	BERRY/MAG PARK INAC	31,409.70
E37301	STREET LT/SIGNAL SYS	3737020	CABLE, UNDERGROUND, ALUMINUM	101676	BERRY/MAG PARK INAC	41,468.98
E37301	STREET LT/SIGNAL SYS	3737010	CABLE, UNDERGROUND, COPPER	101676	BERRY/MAG PARK INAC	44,685.78
E37301	STREET LT/SIGNAL SYS	3736134	LIGHTING STANDARDS, UNDERGROUND 1LT W/ B	101676	BERRY/MAG PARK INAC	77,257.69
						<b>246,352.15 c.</b>

**CenterPoint Energy Houston Electric, LLC**

<b>Item</b>	<b>Detailed Description</b>
STREET LIGHTS PC	Provides management, supervision, construction, engineering and design, maintenance, response to trouble and administration services in support of the CenterPoint Energy Houston Electric streetlighting system.
MAG PARK - CENT OPER	Provides management, supervision, construction, engineering and design, maintenance, response to trouble, and administration services in support of the CenterPoint Energy Houston Electric overhead electric distribution system.
SUGAR LAND PC	Provides management, supervision, construction, engineering and design, maintenance, response to trouble, and administration services in support of the CenterPoint Energy Houston Electric overhead electric distribution system.

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
2019 CEHE RATE CASE  
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON  
REQUEST NO.: COH18-02**

**QUESTION:**

Please refer to page 1 of 96 of COH04-01 Attachment 1 to CenterPoint's response to City of Houston 4th Request For Information Question No. COH04-01 and please explain in detail the services or functions or activities being provided by the below, (a) through (r). Additionally, please identify in detail the communication equipment used for each of the items, (a) through (r).

- a. TRANSMISSION & SUBST
- b. MAG PARK - CENT OPER
- c. AMS Proj Management
- d. Backhaul Microwave C
- e. BAYTN/CHANNELVIEW
- f. PLG-DEPLOY POST AMS
- g. AMS Communications E
- h. MPLS NETWORK
- i. FIBER COMMUNICATIONS
- j. SEC Operation Center
- k. IG Communications
- l. BERRY/MAG PARK INAC
- m. HUMBLE AREA MGR
- n. HL&P DIV CORP CTR
- o. ALL CORP OVERHEAD
- p. NETWORK FIBER
- q. MAJOR UNDERGROUND PC
- r. RELIAB ENGINEERING

**ANSWER:**

Please see COH18-02 Attachment 2.xlsx for detailed explanations of the services or functions or activities provided the items (a) through (r). Please see COH18-02 Attachment 1.xlsx for the detail communication equipment for each of the items (a) through (r). Subsequent to the revision to COH04-01 (COH04-01U), there are no longer assets associated with item (c) AMS Proj Management. The assets in this cost center are associated with the AMS surcharge and have been removed from the response.



The requested information is voluminous and will be provided to the propounding party only in electronic format on CD. Please contact Alice Hart at (713) 207-5322 to request a copy of the CD. Please see index of voluminous material below.

Date	Title	Preparer	Number of Pages	Pages
Undated	COH18-02 Attachment 1.xlsx	Kristie Colvin	119	1-119
Undated	COH18-02 Attachment 2.xlsx	Kristie Colvin	4	1-4

**SPONSOR (PREPARER):**

Kristie Colvin/Randal Pryor (Kristie Colvin/Randal Pryor)

**RESPONSIVE DOCUMENTS:**

COH18-02 Attachment 1.xlsx

COH18-02 Attachment 2.xlsx

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
2019 CEHE RATE CASE  
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON  
REQUEST NO.: COH18-03**

**QUESTION:**

Please refer to page 1 of 12 of COH04-01 Attachment 1 to CenterPoint's response to City of Houston 4th Request For Information Question No. COH04-01 and please explain in detail the services or functions or activities being provided by the below, (a) through (n). Additionally, please identify in detail the computer equipment used for each of the items, (a) through (n).

- a. HL&P DIV CORP CTR
- b. ALL CORP OVERHEAD
- c. SYSTEMS OPERATION
- d. Backhaul Microwave C
- e. Telecom Network
- f. Electric Technology
- g. AMS Proj Management
- h. AMS Systems-PC
- i. AMS Operations-PC
- j. SYSTEMS OPERATION
- k. MTR READING-FT BEND
- l. FINANCIAL PLANNING
- m. RELIAB ENGINEERING
- n. SURVEYING, MGR

**ANSWER:**

Please see COH18-03 Attachment 2.xlsx for detailed explanations of the services or functions or activities provided the items (a) through (n). Please see COH18-03 Attachment 1.xlsx for the detail computer equipment for each of the items (a) through (n). Please note that there are no assets in the computer equipment asset class associated with (d) Backhaul Microwave. Per the revision to COH04-01 (COH04-01U), there are no longer assets associated with (g) AMS Proj Management, (h) AMS Systems-PC or (i) AMS Operations-PC. The assets in these cost centers are associated with the AMS surcharge. Additionally, items (c) and (j) are for the same function, Systems Operation.

**SPONSOR (PREPARER):**

Kristie Colvin/Randal Pryor (Kristie Colvin/Randal Pryor)

**RESPONSIVE DOCUMENTS:**

COH18-03 Attachment 1.xlsx

COH18-03 Attachment 2.xlsx

## CenterPoint Energy Houston Electric, LLC

Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101451	HL&P DIV CORP CTR	360.83
E39702	COMPUTER EQUIPMENT	3973640	IPAD	101451	HL&P DIV CORP CTR	372.00
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101451	HL&P DIV CORP CTR	400.20
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101451	HL&P DIV CORP CTR	416.49
E39702	COMPUTER EQUIPMENT	3973640	IPAD	101451	HL&P DIV CORP CTR	925.41
E39702	COMPUTER EQUIPMENT	3972793	PRINTER, INDUSTRIAL LABEL	101451	HL&P DIV CORP CTR	972.31
E39702	COMPUTER EQUIPMENT	3973640	IPAD	101451	HL&P DIV CORP CTR	1,372.69
E39702	COMPUTER EQUIPMENT	3972793	PRINTER, INDUSTRIAL LABEL	101451	HL&P DIV CORP CTR	1,438.05
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101451	HL&P DIV CORP CTR	1,500.04
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101451	HL&P DIV CORP CTR	1,505.60
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101451	HL&P DIV CORP CTR	1,810.31
E39702	COMPUTER EQUIPMENT	3973544	LAN/WAN (LOCAL AREA NETWORK/WIDE AREA NE	101451	HL&P DIV CORP CTR	2,308.98
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101451	HL&P DIV CORP CTR	2,621.08
E39702	COMPUTER EQUIPMENT	3973639	CYBER LOCK SYSTEM	101451	HL&P DIV CORP CTR	3,195.60
E39702	COMPUTER EQUIPMENT	3973576	MONITORING EQUIPMENT	101451	HL&P DIV CORP CTR	3,451.16
E39702	COMPUTER EQUIPMENT	3973642	PC, TABLET	101451	HL&P DIV CORP CTR	3,782.53
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101451	HL&P DIV CORP CTR	3,867.38
E39702	COMPUTER EQUIPMENT	3973615	SCANNER	101451	HL&P DIV CORP CTR	4,071.73
E39702	COMPUTER EQUIPMENT	3972241	COMPUTER HARDWARE	101451	HL&P DIV CORP CTR	4,417.44
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101451	HL&P DIV CORP CTR	4,936.94
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101451	HL&P DIV CORP CTR	5,098.79
E39702	COMPUTER EQUIPMENT	3972793	PRINTER, INDUSTRIAL LABEL	101451	HL&P DIV CORP CTR	5,133.19
E39702	COMPUTER EQUIPMENT	3972775	PLOTTER	101451	HL&P DIV CORP CTR	5,421.55
E39702	COMPUTER EQUIPMENT	3973644	NAVTEQ STANDARD DATA	101451	HL&P DIV CORP CTR	7,201.67
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101451	HL&P DIV CORP CTR	7,387.85
E39702	COMPUTER EQUIPMENT	3972689	MONITOR, COLOR, 3 DIMENSION	101451	HL&P DIV CORP CTR	10,213.10
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101451	HL&P DIV CORP CTR	10,275.24
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101451	HL&P DIV CORP CTR	11,607.65
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101451	HL&P DIV CORP CTR	12,293.44
E39702	COMPUTER EQUIPMENT	3972798	PRINTER, DESIGNED JET LARGE FORMAT	101451	HL&P DIV CORP CTR	13,214.39
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101451	HL&P DIV CORP CTR	14,744.61
E39702	COMPUTER EQUIPMENT	3972798	PRINTER, DESIGNED JET LARGE FORMAT	101451	HL&P DIV CORP CTR	16,293.86
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101451	HL&P DIV CORP CTR	16,852.34
E39702	COMPUTER EQUIPMENT	3972793	PRINTER, INDUSTRIAL LABEL	101451	HL&P DIV CORP CTR	16,909.61
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101451	HL&P DIV CORP CTR	16,926.33

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Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101451	HL&P DIV CORP CTR	18,142.75
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101451	HL&P DIV CORP CTR	21,899.58
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101451	HL&P DIV CORP CTR	23,341.81
E39702	COMPUTER EQUIPMENT	3972705	DISTRIBUTION OUTAGE MANAGEMENT AND DISTR	101451	HL&P DIV CORP CTR	24,951.58
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101451	HL&P DIV CORP CTR	25,535.56
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101451	HL&P DIV CORP CTR	36,305.71
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101451	HL&P DIV CORP CTR	36,823.14
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101451	HL&P DIV CORP CTR	37,585.28
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101451	HL&P DIV CORP CTR	40,564.35
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101451	HL&P DIV CORP CTR	47,832.09
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101451	HL&P DIV CORP CTR	48,229.18
E39702	COMPUTER EQUIPMENT	3973609	NETWORK SYNCHRONIZATION	101451	HL&P DIV CORP CTR	59,550.89
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101451	HL&P DIV CORP CTR	63,362.84
E39702	COMPUTER EQUIPMENT	3973576	MONITORING EQUIPMENT	101451	HL&P DIV CORP CTR	76,105.95
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101451	HL&P DIV CORP CTR	99,411.58
E39702	COMPUTER EQUIPMENT	3973576	MONITORING EQUIPMENT	101451	HL&P DIV CORP CTR	110,180.56
E39702	COMPUTER EQUIPMENT	3973632	VEHICLE TELEMATIC TRACKING MODULE	101451	HL&P DIV CORP CTR	117,859.51
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101451	HL&P DIV CORP CTR	136,720.08
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101451	HL&P DIV CORP CTR	211,394.67
E39702	COMPUTER EQUIPMENT	3972705	DISTRIBUTION OUTAGE MANAGEMENT AND DISTR	101451	HL&P DIV CORP CTR	227,750.40
E39702	COMPUTER EQUIPMENT	3972705	DISTRIBUTION OUTAGE MANAGEMENT AND DISTR	101451	HL&P DIV CORP CTR	287,773.44
E39702	COMPUTER EQUIPMENT	3973635	CIRCUIT MANAGEMENT SYSTEM	101451	HL&P DIV CORP CTR	378,090.10
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101451	HL&P DIV CORP CTR	499,948.27
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101451	HL&P DIV CORP CTR	814,437.31
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101451	HL&P DIV CORP CTR	967,338.49
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101451	HL&P DIV CORP CTR	1,216,079.66
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101451	HL&P DIV CORP CTR	1,486,610.32
CE39702	CCNC COMPUTER EQUIPMENT			101451	HL&P DIV CORP CTR	635,451.79
						<b>7,962,577.28</b>
						a.
E39702	COMPUTER EQUIPMENT	3972829	MONITOR, COLOR	101060	ALL CORP OVERHEAD	512.05
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101060	ALL CORP OVERHEAD	608.07
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	791.89
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	812.06
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	908.70

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Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount
E39702	COMPUTER EQUIPMENT	3973544	LAN/WAN (LOCAL AREA NETWORK/WIDE AREA NE	101060	ALL CORP OVERHEAD	1,008.48
E39702	COMPUTER EQUIPMENT	3972689	MONITOR, COLOR, 3 DIMENSION	101060	ALL CORP OVERHEAD	1,016.76
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	1,456.73
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101060	ALL CORP OVERHEAD	1,582.61
E39702	COMPUTER EQUIPMENT	3973639	CYBER LOCK SYSTEM	101060	ALL CORP OVERHEAD	1,663.85
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101060	ALL CORP OVERHEAD	1,804.85
E39702	COMPUTER EQUIPMENT	3973576	MONITORING EQUIPMENT	101060	ALL CORP OVERHEAD	1,815.81
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	1,853.39
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	1,948.94
E39702	COMPUTER EQUIPMENT	3972690	MONITOR, TOUCH SCREEN	101060	ALL CORP OVERHEAD	2,199.95
E39702	COMPUTER EQUIPMENT	3972689	MONITOR, COLOR, 3 DIMENSION	101060	ALL CORP OVERHEAD	2,263.83
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101060	ALL CORP OVERHEAD	2,453.83
E39702	COMPUTER EQUIPMENT	3973609	NETWORK SYNCHRONIZATION	101060	ALL CORP OVERHEAD	2,666.82
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	2,890.01
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101060	ALL CORP OVERHEAD	2,943.07
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101060	ALL CORP OVERHEAD	3,286.37
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101060	ALL CORP OVERHEAD	3,317.95
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101060	ALL CORP OVERHEAD	3,543.89
E39702	COMPUTER EQUIPMENT	3973614	SYSTEM SERVER	101060	ALL CORP OVERHEAD	3,552.31
E39702	COMPUTER EQUIPMENT	3972689	MONITOR, COLOR, 3 DIMENSION	101060	ALL CORP OVERHEAD	3,691.17
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101060	ALL CORP OVERHEAD	3,706.72
E39702	COMPUTER EQUIPMENT	3973638	HARD DRIVE DATA ERASER	101060	ALL CORP OVERHEAD	3,742.94
E39702	COMPUTER EQUIPMENT	3972775	PLOTTER	101060	ALL CORP OVERHEAD	3,776.52
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101060	ALL CORP OVERHEAD	3,784.43
E39702	COMPUTER EQUIPMENT	3973352	TRANSFORMER YARD BARCODE SYSTEM HW	101060	ALL CORP OVERHEAD	3,809.70
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	5,821.46
E39702	COMPUTER EQUIPMENT	3972775	PLOTTER	101060	ALL CORP OVERHEAD	6,011.03
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	6,344.48
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	6,661.32
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	6,744.67
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	6,791.50
E39702	COMPUTER EQUIPMENT	3973622	SYSTEM COMPUTING PLATFORM	101060	ALL CORP OVERHEAD	6,983.78
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	7,539.56
E39702	COMPUTER EQUIPMENT	3973634	CAD SYSTEMS	101060	ALL CORP OVERHEAD	7,949.72
E39702	COMPUTER EQUIPMENT	3972798	PRINTER, DESIGNED JET LARGE FORMAT	101060	ALL CORP OVERHEAD	8,066.87

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Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101060	ALL CORP OVERHEAD	8,243.61
E39702	COMPUTER EQUIPMENT	3972775	PLOTTER	101060	ALL CORP OVERHEAD	8,251.11
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101060	ALL CORP OVERHEAD	9,038.72
E39702	COMPUTER EQUIPMENT	3972690	MONITOR, TOUCH SCREEN	101060	ALL CORP OVERHEAD	11,093.95
E39702	COMPUTER EQUIPMENT	3973622	SYSTEM COMPUTING PLATFORM	101060	ALL CORP OVERHEAD	11,638.02
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101060	ALL CORP OVERHEAD	12,750.97
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	13,133.66
E39702	COMPUTER EQUIPMENT	3972689	MONITOR, COLOR, 3 DIMENSION	101060	ALL CORP OVERHEAD	13,561.61
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	13,697.94
E39702	COMPUTER EQUIPMENT	3973609	NETWORK SYNCHRONIZATION	101060	ALL CORP OVERHEAD	14,191.97
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101060	ALL CORP OVERHEAD	14,407.35
E39702	COMPUTER EQUIPMENT	3973590	SCANNER , PRINTER, COLOR DUPLEX	101060	ALL CORP OVERHEAD	15,515.77
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	17,435.36
E39702	COMPUTER EQUIPMENT	3972100	MC-PRINTER, LASER QUALITY, SINGLE MATRIX	101060	ALL CORP OVERHEAD	18,177.40
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	18,237.03
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101060	ALL CORP OVERHEAD	18,838.22
E39702	COMPUTER EQUIPMENT	3972241	COMPUTER HARDWARE	101060	ALL CORP OVERHEAD	18,972.16
E39702	COMPUTER EQUIPMENT	3973616	SCANNER, MICROFILM	101060	ALL CORP OVERHEAD	20,727.40
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	20,954.93
E39702	COMPUTER EQUIPMENT	3972798	PRINTER, DESIGNED JET LARGE FORMAT	101060	ALL CORP OVERHEAD	21,951.08
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	23,380.25
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	23,546.69
E39702	COMPUTER EQUIPMENT	3973634	CAD SYSTEMS	101060	ALL CORP OVERHEAD	23,636.47
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	24,474.29
E39702	COMPUTER EQUIPMENT	3972829	MONITOR, COLOR	101060	ALL CORP OVERHEAD	25,543.30
E39702	COMPUTER EQUIPMENT	3972775	PLOTTER	101060	ALL CORP OVERHEAD	26,459.88
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	26,462.27
E39702	COMPUTER EQUIPMENT	3973636	CIRCUIT PACKET	101060	ALL CORP OVERHEAD	26,573.38
E39702	COMPUTER EQUIPMENT	3972241	COMPUTER HARDWARE	101060	ALL CORP OVERHEAD	26,713.87
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	31,960.89
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	34,788.94
E39702	COMPUTER EQUIPMENT	3973592	CRITICAL CONTROL SYSTEM SECURITY COMPLIA	101060	ALL CORP OVERHEAD	36,757.67
E39702	COMPUTER EQUIPMENT	3973634	CAD SYSTEMS	101060	ALL CORP OVERHEAD	37,812.60
E39702	COMPUTER EQUIPMENT	3972000	MULTIPROTOCOL LABEL SWITCHING PROJECT	101060	ALL CORP OVERHEAD	38,076.89
E39702	COMPUTER EQUIPMENT	3973544	LAN/WAN (LOCAL AREA NETWORK/WIDE AREA NE	101060	ALL CORP OVERHEAD	39,169.90

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Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount
E39702	COMPUTER EQUIPMENT	3973526	ENTERPRISE MANAGEMENT SYSTEM	101060	ALL CORP OVERHEAD	39,842.15
E39702	COMPUTER EQUIPMENT	3973639	CYBER LOCK SYSTEM	101060	ALL CORP OVERHEAD	42,979.84
E39702	COMPUTER EQUIPMENT	3972690	MONITOR, TOUCH SCREEN	101060	ALL CORP OVERHEAD	45,107.56
E39702	COMPUTER EQUIPMENT	3973637	BUSINESS COMMUNICATIONS PLATFORM	101060	ALL CORP OVERHEAD	48,763.27
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	51,557.39
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	56,227.39
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	56,961.41
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101060	ALL CORP OVERHEAD	57,478.20
E39702	COMPUTER EQUIPMENT	3973614	SYSTEM SERVER	101060	ALL CORP OVERHEAD	57,567.77
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	59,506.18
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	63,456.51
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101060	ALL CORP OVERHEAD	64,544.07
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101060	ALL CORP OVERHEAD	64,544.14
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	67,306.79
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	68,898.19
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101060	ALL CORP OVERHEAD	74,063.01
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	77,576.28
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	82,344.12
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	82,354.49
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	97,649.23
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	101,393.64
E39702	COMPUTER EQUIPMENT	3973614	SYSTEM SERVER	101060	ALL CORP OVERHEAD	108,017.31
E39702	COMPUTER EQUIPMENT	3973614	SYSTEM SERVER	101060	ALL CORP OVERHEAD	108,982.54
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	118,571.20
E39702	COMPUTER EQUIPMENT	3972699	NETWORK COMMUNICATION SYSTEM	101060	ALL CORP OVERHEAD	122,083.46
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	123,532.16
E39702	COMPUTER EQUIPMENT	3973592	CRITICAL CONTROL SYSTEM SECURITY COMPLIA	101060	ALL CORP OVERHEAD	126,674.75
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101060	ALL CORP OVERHEAD	126,686.17
E39702	COMPUTER EQUIPMENT	3973631	INFRASTRUCTURE TEST LAB	101060	ALL CORP OVERHEAD	134,727.31
E39702	COMPUTER EQUIPMENT	3973623	AMS HARDWARE DCE	101060	ALL CORP OVERHEAD	136,301.32
E39702	COMPUTER EQUIPMENT	3973586	COPIER, MULTI FUCTION	101060	ALL CORP OVERHEAD	147,479.43
E39702	COMPUTER EQUIPMENT	3973641	NOC MANAGEMENT SYSTEM	101060	ALL CORP OVERHEAD	157,929.67
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	162,162.67
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101060	ALL CORP OVERHEAD	170,521.50
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	191,348.45

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Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	197,582.40
E39702	COMPUTER EQUIPMENT	3973641	NOC MANAGEMENT SYSTEM	101060	ALL CORP OVERHEAD	206,525.73
E39702	COMPUTER EQUIPMENT	3973610	SERVER STORAGE	101060	ALL CORP OVERHEAD	212,242.04
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	214,484.18
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	266,258.12
E39702	COMPUTER EQUIPMENT	3972000	MULTIPROTOCOL LABEL SWITCHING PROJECT	101060	ALL CORP OVERHEAD	274,329.63
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	275,445.55
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101060	ALL CORP OVERHEAD	284,863.12
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	301,571.33
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	332,738.66
E39702	COMPUTER EQUIPMENT	3973610	SERVER STORAGE	101060	ALL CORP OVERHEAD	344,299.69
E39702	COMPUTER EQUIPMENT	3973633	HP OPENVIEW	101060	ALL CORP OVERHEAD	442,127.39
E39702	COMPUTER EQUIPMENT	3973526	ENTERPRISE MANAGEMENT SYSTEM	101060	ALL CORP OVERHEAD	535,451.68
E39702	COMPUTER EQUIPMENT	3973633	HP OPENVIEW	101060	ALL CORP OVERHEAD	547,535.25
E39702	COMPUTER EQUIPMENT	3972699	NETWORK COMMUNICATION SYSTEM	101060	ALL CORP OVERHEAD	548,433.68
E39702	COMPUTER EQUIPMENT	3973610	SERVER STORAGE	101060	ALL CORP OVERHEAD	567,825.94
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	619,109.66
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	703,949.30
E39702	COMPUTER EQUIPMENT	3972241	COMPUTER HARDWARE	101060	ALL CORP OVERHEAD	713,833.32
E39702	COMPUTER EQUIPMENT	3973592	CRITICAL CONTROL SYSTEM SECURITY COMPLIA	101060	ALL CORP OVERHEAD	740,112.17
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101060	ALL CORP OVERHEAD	803,662.41
E39702	COMPUTER EQUIPMENT	3973574	ENERGY MANAGEMENT SYSTEM (EMACS SUPPORT)	101060	ALL CORP OVERHEAD	813,411.73
E39702	COMPUTER EQUIPMENT	3973623	AMS HARDWARE DCE	101060	ALL CORP OVERHEAD	821,184.40
E39702	COMPUTER EQUIPMENT	3973592	CRITICAL CONTROL SYSTEM SECURITY COMPLIA	101060	ALL CORP OVERHEAD	967,316.52
E39702	COMPUTER EQUIPMENT	3972000	MULTIPROTOCOL LABEL SWITCHING PROJECT	101060	ALL CORP OVERHEAD	1,084,318.86
E39702	COMPUTER EQUIPMENT	3973309	ENERGY MANAGEMENT SYSTEM	101060	ALL CORP OVERHEAD	1,126,396.21
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	1,179,137.81
E39702	COMPUTER EQUIPMENT	3972241	COMPUTER HARDWARE	101060	ALL CORP OVERHEAD	1,192,839.18
E39702	COMPUTER EQUIPMENT	3973592	CRITICAL CONTROL SYSTEM SECURITY COMPLIA	101060	ALL CORP OVERHEAD	1,233,581.44
E39702	COMPUTER EQUIPMENT	3973574	ENERGY MANAGEMENT SYSTEM (EMACS SUPPORT)	101060	ALL CORP OVERHEAD	1,276,861.63
E39702	COMPUTER EQUIPMENT	3973574	ENERGY MANAGEMENT SYSTEM (EMACS SUPPORT)	101060	ALL CORP OVERHEAD	1,353,237.35
E39702	COMPUTER EQUIPMENT	3973574	ENERGY MANAGEMENT SYSTEM (EMACS SUPPORT)	101060	ALL CORP OVERHEAD	2,008,637.21
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	2,396,590.45
E39702	COMPUTER EQUIPMENT	3972241	COMPUTER HARDWARE	101060	ALL CORP OVERHEAD	2,680,574.09
E39702	COMPUTER EQUIPMENT	3972000	MULTIPROTOCOL LABEL SWITCHING PROJECT	101060	ALL CORP OVERHEAD	3,179,080.86



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Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount	
E39702	COMPUTER EQUIPMENT	3973574	ENERGY MANAGEMENT SYSTEM (EMACS SUPPORT)	101060	ALL CORP OVERHEAD	5,784,602.59	
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101060	ALL CORP OVERHEAD	32,184,246.97	
CE39702	CCNC COMPUTER EQUIPMENT			101060	ALL CORP OVERHEAD	10,448.18	
CE39702	CCNC COMPUTER EQUIPMENT			101060	ALL CORP OVERHEAD	1,201,139.16	
						<b>73,805,629.10</b>	b.
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101878	SYSTEMS OPERATION	1,042.04	
E39702	COMPUTER EQUIPMENT	3973592	CRITICAL CONTROL SYSTEM SECURITY COMPLIA	101878	SYSTEMS OPERATION	261,051.66	
E39702	COMPUTER EQUIPMENT	3973574	ENERGY MANAGEMENT SYSTEM (EMACS SUPPORT)	101878	SYSTEMS OPERATION	2,841,036.93	
CE39702	CCNC COMPUTER EQUIPMENT			101878	SYSTEMS OPERATION	82,437.80	
						<b>3,185,568.43</b>	c. and j.
						<b>NONE</b>	d.
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101784	TELECOM NETWORK	6,793.25	
						<b>6,793.25</b>	e.
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101745	ELECTRIC TECHNOLOGY	48,601.67	
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101745	ELECTRIC TECHNOLOGY	52,160.65	
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101745	ELECTRIC TECHNOLOGY	260,104.02	
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101745	ELECTRIC TECHNOLOGY	2,712,258.73	
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101745	ELECTRIC TECHNOLOGY	3,516,796.75	
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101745	ELECTRIC TECHNOLOGY	334,259.50	
E39702	COMPUTER EQUIPMENT	3971602	ENTERPRISE HARDWARE	101745	ELECTRIC TECHNOLOGY	838,815.45	
						<b>7,762,996.77</b>	f.
				101217		<b>NONE</b>	g.
				101206		<b>NONE</b>	h.
				101208		<b>NONE</b>	i.
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101577	MTR READING-FT BEND	1,170.72	
						<b>1,170.72</b>	k.

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Asset Class	Asset Class Description	Retirement Unit	Retirement Unit Description	Cost Center	Cost Center Description	Amount	
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101732	FINANCIAL PLANNING	71,934.48	
						<b>71,934.48</b>	i.
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101752	RELIAB ENGINEERING	1,318.22	
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101752	RELIAB ENGINEERING	8,268.99	
E39702	COMPUTER EQUIPMENT	3972699	NETWORK COMMUNICATION SYSTEM	101752	RELIAB ENGINEERING	79,295.99	
E39702	COMPUTER EQUIPMENT	3972699	NETWORK COMMUNICATION SYSTEM	101752	RELIAB ENGINEERING	179,039.17	
						<b>267,922.37</b>	m.
E39702	COMPUTER EQUIPMENT	3972699	NETWORK COMMUNICATION SYSTEM	101776	SURVEYING AND FIELD	9,697.83	
E39702	COMPUTER EQUIPMENT	3972057	MC-HARD AND FLOPPY DISK, DESK TOP	101776	SURVEYING AND FIELD	10,121.42	
E39702	COMPUTER EQUIPMENT	3973615	SCANNER	101776	SURVEYING AND FIELD	11,548.97	
E39702	COMPUTER EQUIPMENT	3973615	SCANNER	101776	SURVEYING AND FIELD	13,685.87	
E39702	COMPUTER EQUIPMENT	3972110	PRINTER, LASER, COLOR	101776	SURVEYING AND FIELD	23,089.92	
E39702	COMPUTER EQUIPMENT	3972417	LAPTOP PC	101776	SURVEYING AND FIELD	27,674.70	
E39702	COMPUTER EQUIPMENT	3973624	REPOSITORY STORAGE SYSTEM	101776	SURVEYING AND FIELD	76,404.55	
E39702	COMPUTER EQUIPMENT	3973624	REPOSITORY STORAGE SYSTEM	101776	SURVEYING AND FIELD	80,794.41	
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101776	SURVEYING AND FIELD	126,922.86	
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101776	SURVEYING AND FIELD	148,552.49	
E39702	COMPUTER EQUIPMENT	3972835	SERVER	101776	SURVEYING AND FIELD	207,680.61	
						<b>736,173.63</b>	n.

**CenterPoint Energy Houston Electric, LLC**


<b>Item</b>	<b>Detailed Description</b>
HL&P DIV CORP CTR	Capture Electric's portion of service company benefits cost.
ALL CORP OVERHEAD	Cost Center used to capture costs for assets that provide service to multiple functional areas.
SYSTEMS OPERATION	Provides support to the Transmission Control Center (RTO Real Time Operations) and the Distribution Control Center (DC) at both the Energy Control Data Center and the Addicks Operating Center. Responsible for the design, procurement, installation and operational support for the computer systems (hardware and software) used by RTO and DC to monitor and control the transmission, substation and distribution energy delivery systems. Provides 24x7 support for the Control Centers.
Backhaul Microwave C	Equipment and Installation of equipment (Microwave Radios, Antennas, etc..) that comprise the microwave radio portion of the Transport Communications Backhaul Network. The Transport Communications Backhaul network is comprised of Microwave, Fiber and Network components. This category represents the Microwave Component.
Telecom Network	Transport Communication installations in support of Take Out Points and Digital Automation Control Systems.
Electric Technology	This cost center is to capture costs associated with the Energy Insight Center (EIC) and for unmanned aerial services (surveying and photography).
AMS Proj Management	Cost associated with project management support for Advanced Metering System.

**CenterPoint Energy Houston Electric, LLC**

<b>Item</b>	<b>Detailed Description</b>
AMS Systems-PC	Cost Center to capture cost associated with the TX Repository and Portal including Amortization - Intangibles.
AMS Operations-PC	Cost Center to capture of Accumulated Depreciation - Plant in Service / Amortization - Intangibles - From Vendor Purchases.
SYSTEMS OPERATION	Provides support to the Transmission Control Center (RTO Real Time Operations) and the Distribution Control Center (DC) at both the Energy Control Data Center and the Addicks Operating Center. Responsible for the design, procurement, installation and operational support for the computer systems (hardware and software) used by RTO and DC to monitor and control the transmission, substation and distribution energy delivery systems. Provides 24x7 support for the Control Centers.
MTR READING-FT BEND	Expenditures associated with reading meters.
FINANCIAL PLANNING	Expenditures associated with planning, forecasting ,reporting, and analyzing financial results for the Electric division.
RELIAB ENGINEERING	Supports overall distribution reliability performance by providing customer level support to the service centers to resolve power quality problems and resolve recurring outage issues. Administers the Infra-Red program, 10% Circuit program and the Hot Fuse program.
SURVEYING, MGR	Provides professional surveying, acquisition and maintenance of rights-of-way and responds to land-related inquiries from CenterPoint Houston, its affiliates, outside businesses, governmental agencies, and the public.

### **CERTIFICATE OF SERVICE**

I hereby certify that on this 28<sup>th</sup> day of May 2019, a true and correct copy of the foregoing document was served on all parties of record in accordance with 16 Tex. Admin. Code § 22.74.

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