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	DN 52195 C Johnson Corrected
Workpaper-Allocation Adjustments-CCOS-EPE Rev Req.xlsx	
	DN 52195 C Johnson Corrected Workpaper
Allocation Adjusmtent- CEP Proposed Rev Change (1).xlsx	
	DN 52195 C Johnson Revised Schedules-
Direct Testimony.xlsx	
	DN 52195 C Johnson Errata Workpaper-
CEP Proposed Rev Change.xlsx	

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**SOAH DOCKET NO. 473-21-2606
PUC DOCKET NO. 52195**

APPLICATION OF EL PASO	§	BEFORE THE STATE OFFICE
	§	
ELECTRIC COMPANY TO	§	OF
	§	
CHANGE RATES	§	ADMINISTRATIVE HEARINGS

**CITY OF EL PASO'S NOTICE OF FILING OF ERRATA TO
DIRECT TESTIMONY OF CLARENCE JOHNSON**

The City of El Paso provides this notice of the filing of Errata to the Direct Testimony of Mark E. Garrett. This Errata clarifies issues in Mr. Johnson's recommendation on page 29 of the testimony filed on October 22, 2021 and appendix B. The corrected portions of page 29 and Appendix B are attached to this filing and underlined and highlighted. Workpapers are on filed in native form electronically.

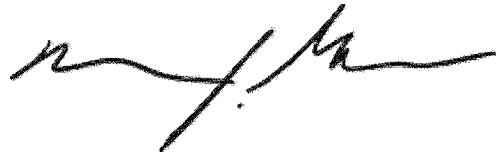
Dated: January 4, 2022

Respectfully submitted,

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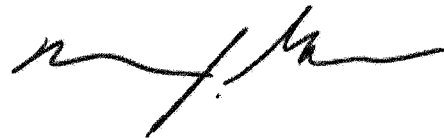
Attorneys for the City of El Paso



By: _____
Norman J. Gordon

Certificate of Service

I certify that a true and correct copy of this document was served by e-mail and/or US mail on all parties of record in this proceeding on January 4, 2022.



Norman J. Gordon

**SOAH DOCKET NO. 473-21-2606
PUC DOCKET NO. 52195**

**APPLICATION OF EL PASO
ELECTRIC COMPANY TO
CHANGE RATES**

**§
§
§**

**BEFORE THE STATE OFFICE
OF
ADMINISTRATIVE HEARINGS**

**DIRECT TESTIMONY

OF

CLARENCE L. JOHNSON**

**ON BEHALF OF

THE CITY OF EL PASO**

OCTOBER 22, 2021

ERRATA January 4, 2022

ERRATA

1 estimates the portion of the residential increase attributable to COVID impact, which
2 is removed from residential existing revenue and added to the existing revenues of the
3 five non-residential classes. As a result, \$14.9 million is added to residential revenue
4 requirement and deducted from the five non-residential classes' revenue requirement
5 in proportion to the increase in the classes' cost of service. This adjustment to class
6 revenues does not affect the Total Texas requested revenue increase. This step is also
7 discussed in Attachment B.

8 **Q. HOW DOES THIS AFFECT YOUR RECOMMENDATION?**

9 A. The demand and energy allocation adjustments are intended to produce normalized
10 allocation factors for the affected classes. The adjusted allocation factors are included
11 in my recommended CCOS study. The CCOS result is used to evaluate and adjust the
12 Company's cap and floor proposal. The CCOS study is always an estimation process,
13 and in this case the COVID pandemic has created additional uncertainty and
14 imprecision in the CCOS result. Given that context, the CCOS study is best utilized to
15 evaluate rate moderation constraints. Class percentages are based on actual current
16 revenues. The adjustments to the CCOS study for aberrant usage pattern provide a more
17 reasonable benchmark for evaluating class revenue change limits.

18 **D. Allocation of A&G Accounts 920, 923, And 930**

19 **Q. DESCRIBE ADMINISTRATIVE & GENERAL ("A&G") ACCOUNTS 920-923?**

20 A. As a matter of accounting definition, Account 920 contains salaries and wages which
21 cannot be attributed to any particular function of the utility. Examples of typical
22 expenses include the chief executive officer, general corporate officers, the treasury
23 and finance departments, the human resources department, corporate strategic

ERRATA

A. For the six customer classes, above, the D1, D2, and E1 allocation factors were normalized based on three year 2017-2019 allocation factors as set out in Mr. Carrasco's Ex. MC-5. To reflect differences between E1 and E2 allocation factors (which is based on interruptible sales), the affected classes are adjusted based on the E1 and E2 differentials in Schedule P-7. The E1Fuel allocator is not adjusted. The three year average period is reasonable, because the term is sufficient to avoid anomalies but avoids structural changes in class composition which may occur over periods longer than three years. The Company, itself, utilizes a three year period, 2017-2019, in order to normalize other operating revenues for COVID impact.⁷ In some jurisdictions, utilities use three year averages, in the normal course of business, to develop the demand and energy factors for the CCOS study.⁸

Q. PLEASE DESCRIBE THE ADJUSTMENT FOR D-12 AND NCP ALLOCATION FACTORS.

A. For the selected classes, the three-year average E1 allocators were utilized to develop average demand. The 2020 12 CP and NCP load factors are applied to the average demand in order to develop D-12 and NCP allocation factors.

Q. WHAT ARE THE DEMAND AND ENERGY ALLOCATION FACTORS AFTER YOU INCORPORATED THE ADJUSTMENTS INTO THE COMPANY'S REGULATORY MODEL?

A. The allocation factors are shown on as follows:

⁷ Carrasco at 13; Table MC-7.

⁸ See, for example, Baltimore Gas & Electric Co. in Maryland.

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ADJUSTED ALLOCATION FACTORS

	RES	SGS	R. Light	Lighting	Traffic	Pumping	E. Refin.	Irrigation	
D8DIST	63.95%	5.66%	0.27%	0.37%	0.01%	2.02%	0.00%	0.18%	
D9DIST	53.41%	5.21%	0.40%	0.54%	0.01%	2.38%	0.00%	0.14%	
DPROD12	47.13%	4.95%	0.19%	0.30%	0.02%	1.49%	0.64%	0.07%	
DTRAN12	44.21%	4.88%	0.15%	0.27%	0.02%	1.89%	0.65%	0.07%	
E1ENERGY	37.81%	4.80%	0.06%	0.61%	0.04%	2.91%	0.69%	0.07%	
	GS	LPS	P. Refin.	A. Light	Furnace	Military	Cotton Gin	City/Coty	W. Heat
D8DIST	19.82%	4.39%	0.00%	0.28%	0.00%	0.00%	0.08%	2.60%	0.37%
D9DIST	24.36%	7.70%	0.00%	0.41%	0.00%	0.00%	0.12%	5.08%	0.24%
DPROD12	25.68%	7.85%	3.03%	0.22%	0.50%	3.88%	0.01%	3.99%	0.04%
DTRAN12	26.50%	8.87%	3.68%	0.20%	0.45%	4.04%	0.02%	4.09%	0.04%
E1ENERGY	26.64%	11.14%	5.38%	0.46%	0.35%	4.50%	0.03%	4.43%	0.09%
	RES	SGS	R. Light	Lighting	Traffic	Pumping	E. Refin.	Irrigation	GS
D1PROD	44.83%	5.70%	0.03%	0.30%	0.02%	1.62%	0.52%	0.10%	27.25%
D2PROD	45.27%	5.75%	0.00%	0.00%	0.01%	1.59%	0.52%	0.10%	27.41%
D2TRAN	45.27%	5.75%	0.00%	0.00%	0.01%	1.59%	0.52%	0.10%	27.41%
	GS	LPS	P. Refin.	A. Light	Furnace	Military	Cotton Gin	City/Coty	W. Heat
D1PROD	27.25%	7.88%	2.95%	0.23%	0.34%	3.51%	0.01%	4.67%	0.04%
D2PROD	27.41%	7.89%	2.93%	0.00%	0.34%	3.49%	0.00%	4.67%	0.03%
D2TRAN	27.41%	7.89%	2.93%	0.00%	0.34%	3.49%	0.00%	4.67%	0.03%

Q. WHY DO YOU INCLUDE A REVENUE ADJUSTMENT AMONG THE SIX CLASSES WHICH ARE SUBJECT TO ADJUSTED ALLOCATION FACTORS?

A. The allocation factor changes result in a revision to the amount of non-fuel costs assigned to the customer classes. However, theoretically the impact of COVID on allocation factors should be accompanied by shifts in revenues. In order to provide a more balanced view of class cost of service, the relationship of current revenues among classes should be adjusted. This estimation is challenging, but necessary. My approach is to estimate

ERRATA

the portion of increased 2020 residential revenues which is likely due to COVID work from home impact. Residential revenue requirement will be increased by this amount, and the same amount will be deducted from the required revenues of the five non-residential classes subject to allocation factor adjustment.

Q. PLEASE DESCRIBE THE PROCEDURE FOR ADJUSTING RESIDENTIAL REVENUES FOR COVID IMPACT.

A. The first step is quantifying the increase in residential revenues between 2019 and 2020. The adjusted residential revenues from EPE's 2019 Earnings Monitoring Report (EMR) are compared to 2020 adjusted test year residential revenues from RFP Schedule Q-1.⁹ The 2020 increase in residential revenues is \$36.56 million. The second step is to estimate the portion of this residential increase which is COVID-related as opposed to growth for any other reasons or conditions. Because residential revenues are generated primarily by kWhs, the 2019 EMR's weather adjusted monthly residential kWh is compared to the adjusted test year monthly kWh in RFP Schedule O-1.04. The residential 2020 total kWh is 11.3% higher than 2019. The COVID impact begins in the second quarter of 2020. Therefore, a comparison between the first quarters of 2020 and 2019 can provide information regarding the non-COVID level of residential sales growth. The first quarter 2020 sales growth is 6.7%, which is assumed to be non-COVID-related. If this same percentage of non-COVID kWh growth occurred during the remaining three quarters of 2020, then 40.8% of the 2020 residential growth is COVID-related.¹⁰ Based

⁹ Both the EMR revenues and the Q-1 revenues are adjusted for weather and customer annualizations.

¹⁰ $6.7\% / 11.3\% = 59.2\%$.

ERRATA

on this percentage, \$14.99 million of 2020 residential revenue growth will be classified as COVID-related.¹¹

Q. WHAT IS THE NEXT STEP IN RECOGNIZING THE \$14.9 MILLION OF RESIDENTIAL REVENUE IMPACT?

A. The \$14.9 million is excluded from residential current revenues, and credited to the five non-residential classes' current revenues in proportion to impact of the allocation adjustment on those classes. The revenue requirement adjustment is as follows: Residential $\pm$ \$14.99 million; Small General $\pm$ \$1.42 million; General Service $\pm$ \$8.18 million; Large Power $\pm$ \$2.19 million; Petroleum Refining $\pm$ \$369 thousand; City/County $\pm$ \$2.82 million.

¹¹ \$36.567 million X 41% = \$14.99 million.
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Adjusted CCOS Study: EPE Proposed Revenue Requirement

	Texas Retail	Residential Service	Small General	Recreat. Lighting	Street Light	Traffic Signs	Municipal Pumping	Electric Refining	Irrigation Service	General Service
Base Rev Req	574,531,417	289,315,647	33,303,358	585,050	2,963,950	96,861	10,236,735	2,252,410	583,269	137,101,368
Rev Adjustment		(14,992,000)	1,421,743							8,184,516
Current Revs	\$ 532,713,639	\$ 273,638,830	\$ 33,319,685	\$ 462,980	\$ 4,046,620	\$ 95,204	\$ 10,102,350	\$ 1,830,063	\$ 423,413	125,005,740
Required Change	41,817,778	30,668,817	(1,438,071)	122,070	(1,082,670)	1,657	134,385	422,347	159,856	3,911,112
Percentage	7.8%	11.2%	-4.3%	26.4%	-26.8%	1.7%	1.3%	23.1%	37.8%	3.1%
Ratio to Total		143%	-55%	336%	-341%	22%	17%	294%	481%	40%

	Large Power	Petroleum Refinery	Area Lighting	Electric Furnace	Military Reservation	Cotton Gin	City and County	Water Heating
Base Rev Req	41,347,541	13,611,077	2,657,838	1,518,215	14,889,630	172,045	23,070,254	826,169
Rev Adjustment	2,189,774	368,503					2,827,464	
Current Revs	\$ 35,955,664	\$ 10,964,770	\$ 2,932,614	\$ 1,191,760	\$ 13,009,892	\$ 132,972	\$ 19,126,500	\$ 474,582
Required Change	3,202,103	2,277,804	(274,776)	326,455	1,879,738	39,073	1,116,291	351,587
Percentage	8.9%	20.8%	-9.4%	27.4%	14.4%	29.4%	5.8%	74.1%
Ratio to Total	113%	265%	-119%	349%	184%	374%	74%	944%

Notes: Assumes EPE Proposed Interruptible Increase

Errata Corrections:

E1Fuel Allocator Set Equal to Company's E1Fuel Allocation Factors.

E2 Allocator Corrected for Interruptible sales.

Corrections to distribution demand and D12 allocation factors.

Rev Increase percentages based upon actual current revenues.

Adjusted CCOS Study: CEP Proposed Revenue Reduction

	Texas Retail	Residential Service	Small General	Recreat. Lighting	Street Light	Traffic Signs	Municipal Pumping	Electric Refining	Irrigation Service
Total Revenue Requirement	703,739,734	334,691,932	39,113,818	648,783	3,681,293	141,379	13,877,249	3,134,053	658,257
Other Operating Revenues	(181,083,928)	(57,245,979)	(9,991,213)	(95,874)	(889,775)	(52,353)	(4,471,468)	(1,535,913)	(140,412)
Base Revenue Requirement	522,655,806	277,445,953	29,122,605	552,909	2,791,517	89,026	9,405,781	1,598,140	517,844
Current Revenues	\$ 532,713,639	\$ 273,638,830	\$ 33,319,685	\$ 462,980	\$ 4,046,620	\$ 95,204	\$ 10,102,350	\$ 1,830,063	\$ 423,413
Indicated Revenue Change	(10,059,034)	5,328,138	(4,497,120)	79,096	(1,265,345)	(6,212)	(750,746)	217,549	88,645
	-1.89%	1.95%	-13.50%	17.08%	-31.27%	-6.52%	-7.43%	11.89%	20.94%
	General Service	Large Power	Petroleum Refinery	Area Lighting	Electric Furnace	Military Reservation	Cotton Gin	City and County	Water Heating
Total Revenue Requirement	169,902,632	55,763,038	22,118,685	3,184,302	5,504,524	21,843,106	202,607	28,328,688	945,390
Other Operating Revenues	(53,784,771)	(20,148,130)	(9,883,398)	(657,092)	(4,142,690)	(8,371,293)	(40,356)	(9,463,376)	(169,834)
Base Revenue Requirement	116,117,861	35,614,908	12,235,287	2,527,210	1,361,833	13,471,812	162,251	18,865,312	775,556
Current Revenues	\$ 125,005,740	\$ 35,955,664	\$ 10,964,770	\$ 2,932,614	\$ 1,191,760	\$ 13,009,892	\$ 132,972	\$ 19,126,500	\$ 474,582
Indicated Revenue Change	(9,187,072)	(604,908)	1,059,040	(413,183)	195,381	507,451	26,222	(1,124,849)	288,878
	-7.35%	-1.68%	9.66%	-14.09%	16.39%	3.90%	19.72%	-5.88%	60.87%

Source: Karl Nalepa Testimony
Incorporates Rev Adjustments
Same Errata Corrections as CJ-3.

Recommended Class Revenue Increase Based On EPE Proposed Revenues

	Texas Retail	Residential Service	Small General	Recreat. Lighting	Street Light	Traffic Signs	Municipal Pumping	Electric Refining	Irrigation Service	General Service
CCOS Increase	\$39,296,582	\$29,128,239	(\$1,595,168)	\$119,088	(\$1,099,906)	\$1,233	\$95,265	\$414,416	\$157,568	\$3,477,544
Percent Increase	7.38%	10.64%	-4.79%	25.72%	-27.18%	1.29%	0.94%	22.64%	37.21%	2.78%
Revenue Change (Recommended)	\$ 39,296,582 7.38%	\$ 28,688,451 10.48%	\$ - 0.00%	\$ 48,539 10.48%	\$ - 0.00%	\$ 1,252 1.32%	\$ 96,779 0.96%	\$ - 0.00%	\$ 44,391 10.48%	\$ 3,532,827 2.83%
		Large Power	Petroleum Refinery	Area Lighting	Electric Furnace	Military Reservation	Cotton Gin	City and County	Water Heating	
CCOS Increase		\$3,064,316	\$2,231,190	(\$282,382)	\$321,503	\$1,827,314	\$38,365	\$1,052,424	\$345,573	
Percent Increase		8.52%	20.35%	-9.63%	26.98%	14.05%	28.85%	5.50%	72.82%	
Revenue Change (Recommended)		\$ 3,113,030 8.66%	\$ 1,149,553 10.48%	\$ - 0.00%	\$ 124,945 10.48%	\$ 1,363,965 10.48%	\$ 13,941 10.48%	\$ 1,069,154 5.59%	\$ 49,755 10.48%	

Notes: For Comparability, Company Increase Adjusted Based On Carrasco Table MC-8.
Assumes Company proposed interruptible rates.
Rate moderation procedure resulted in rounding differences.

Recommended Class Revenue Change (Revenue Reduction)

	Texas Retail	Residential Service	Small General	Recreat. Lighting	Street Light	Traffic Signs	Municipal Pumping	Electric Refining	Irrigation Service
Class Revenue Change	\$ (10,059,034)		\$ (2,534,348)	\$ -	\$ (713,084)	\$ (3,501)	\$ (423,082)		\$ -
Percentage Change	-1.89%	0.00%	-7.61%	0.00%	-17.62%	-3.68%	-4.19%	0.00%	0.00%
	General Service	Large Power	Petroleum Refinery	Area Lighting	Electric Furnace	Military Reservation	Cotton Gin	City and County	Water Heating
Class Revenue Change	\$ (5,177,367)	\$ (340,895)	\$ -	\$ (232,849)	\$ -	\$ -	\$ -	\$ (633,908)	\$ -
Percentage Change	-4.14%	-0.95%	0.00%	-7.94%	0.00%	0.00%	0.00%	-3.31%	0.00%

Compare to CEP CCOS, CJ-4

DN 52195 Clarence Johnson Corrected Workpapers
Allocation Adjustments CCOS-EPE Revenue Requirement
(also filed in native format)

EL PASO ELECTRIC COMPANY
2020 TEXAS RATE CASE FILING
SCHEDULE TX P-7 - ALLOCATION FACTORS
SPONSOR: ADRIAN HERNANDEZ
PREPARED: ADRIAN HERNANDEZ
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

12 CP diff. 1.059390419 1.008524397

560,642 53,480
305256.866 33525.04532
12 CP LF 0.544477342 0.626870705
MDD LF 31% 40%

LPS Gen. Service
0.879217575 0.963233128 0.818130147

89,645 255,422 39,663
74636.56267 178520.9426 36876.65594
0.81 0.64 0.929749538

E2/E1
1.111658381 LPS
1.219684357 pet refining
70,866,726
73,004,068

0.969153052

34,559
23828.26425
0.669495768
38%

SCHEDULE P-7
PAGE 1 OF 16

Line No.	Description	Allocator	Total	Rate 01 Residential Service	Rate 02 Small General Service	Rate 07 Recreational Lighting	Rate 08 Street Light	Rate 09 Traffic Signs	Rate 11 TOU Municipal Pumping	Rate 15 Electric Refining	Rate 22 Irrigation Service	Rate 24 General Service	Rate 25 Large Power	Rate 26 Petroleum Refinery	Rate 28 Area Lighting	Rate 30 Electric Furnace	Rate 31 Military Reservation	Rate 34 Cotton Gin	Rate 41 City and County	WH Water Heating
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
ALLOCATION FACTOR TABLE																				
1	DEMAND RELATED																			
2	AED 4CP Demand - Production	D1PROD	1.00000	0.54510	0.04721	0.00031	0.00305	0.00018	0.01627	0.00521	0.00095	0.06942	0.21124	0.02828	0.00227	0.00342	0.03509	0.00014	0.03146	0.00043
3	4CP Demand - Production	D2PROD	1,493,736	824,954	70,970	0	0	194	23,810	7,737	1,448	102,647	315,648	41,374	0	5,127	52,230	17	47,199	381
4	12CP Demand - Production	DPROD12	1.00000	0.52936	0.04807	0.00188	0.00305	0.00018	0.01505	0.00642	0.00072	0.07025	0.21928	0.02892	0.00227	0.00499	0.03916	0.00014	0.02985	0.00043
5																				
6	4CP Demand - Transmission	D2TRAN	1,493,736	824,954	70,970	0	0	194	23,810	7,737	1,448	102,647	315,648	41,374	0	5,127	52,230	17	47,199	381
7	12CP Demand - Transmission	DTRAN12	1,122,008	560,642	53,480	1,708	3,022	194	21,482	7,392	784	89,645	255,422	39,663	2,262	5,127	45,958	182	34,559	486
8																				
9	MCD Demand Less Trans/ Direct Sub	D3DIST	1,693,376	990,694	83,646	6,695	9,067	195	39,550	0	2,284	110,510	375,159	0	6,839	0	0	1,931	62,807	3,999
10				1.7	1.6							0.83	1.2						100.4%	
11	MCD Demand Overhead Lines - Primary	D4DIST	1,693,376	990,694	83,646	6,695	9,067	195	39,550	0	2,284	110,510	375,159	0	6,839	0	0	1,931	62,807	3,999
12	NCP Demand Overhead Lines - Secondary	D6DIST	2,547,080	1,728,334	132,309	6,651	9,067	195	49,005	0	4,307	91,774	444,617	0	6,839	0	0	1,933	63,065	8,984
13	MCD Demand Underground Lines - Primary	D7DIST	1,693,376	990,694	83,646	6,695	9,067	195	39,550	0	2,284	110,510	375,159	0	6,839	0	0	1,931	62,807	3,999
14	NCP Demand Underground Lines - Secondary	D8DIST	2,547,080	1,728,334	132,309	6,651	9,067	195	49,005	0	4,307	91,774	444,617	0	6,839	0	0	1,933	63,065	8,984
15	Poles, Towers & Fixtures - Primary	D9DIST	1,693,376	990,694	83,646	6,695	9,067	195	39,550	0	2,284	110,510	375,159	0	6,839	0	0	1,931	62,807	3,999
16	Poles, Towers & Fixtures - Secondary	D10DIST	2,547,080	1,728,334	132,309	6,651	9,067	195	49,005	0	4,307	91,774	444,617	0	6,839	0	0	1,933	63,065	8,984
17	NCP Demand Transformers - Primary	D5DIST-PRIM	1,693,376	990,694	83,646	6,695	9,067	195	39,550	0	2,284	110,510	375,159	0	6,839	0	0	1,931	62,807	3,999
18	NCP Demand Transformers - Secondary	D5DIST-SEC	2,547,080	1,728,334	132,309	6,651	9,067	195	49,005	0	4,307	91,774	444,617	0	6,839	0	0	1,933	63,065	8,984
19																				
20	ENERGY RELATED																			
21	kWh at Supply - Other	E1ENERGY	6,346,682.094	2,681,376.311	293,679.397	3,964.113	38,885.062	2,238.727	184,560.694	44,081.882	4,141.472	653,816.289	1,563,843.457	323,039.506	28,935.421	22,163.145	285,973.306	1,721.696	208,735.770	5,525.846
22	kWh at Supply - with Interruptible	E2ENERGY	6,751,772.704	2,681,376.311	293,679.397	3,964.113	38,885.062	2,238.727	184,560.694	81,431.660	4,141.472	726,820.357	1,563,843.457	394,006.232	28,935.421	188,117.881	343,788.608	1,721.696	208,735.770	5,525.846
23	kWh at Supply - Fuel	E1FUEL	6,751,772.704	2,681,376.311	293,679.397	3,964.113	38,885.062	2,238.727	184,560.694	81,431.660	4,141.472	726,820.357	1,563,843.457	394,006.232	28,935.421	188,117.881	343,788.608	1,721.696	208,735.770	5,525.846
24												73,004.068								
25	CUSTOMER RELATED													70,966.726						
26	Total Annual Customers	CUSTOMER	4,065,180	3,615,636	328,728	2,532	2,148	600	4,824	12	1,728	1,320	87,516	12	9,852	12	12	24	10,152	72
27	Customer Deposits	CUSTDEP	4,065,180	3,615,636	328,728	2,532	2,148	600	4,824	12	1,728	1,320	87,516	12	9,852	12	12	24	10,152	72
28	Interest on Customer Deposits	CUSTDEPINT	4,065,180	3,615,636	328,728	2,532	2,148	600	4,824	12	1,728	1,320	87,516	12	9,852	12	12	24	10,152	72
29	Major Account Representatives	MAJ_ACCT_REPS	439,620	0	328,728	2,532	2,148	600	4,824	12	1,728	1,320	87,516	12	0	12	12	24	10,152	0
30	Account 369 Services	SDI	99,801,185	82,201,484	7,473,631	228,290	0	14,354	429,142	0	41,340	295,776	7,964,920	0	235,693	0	0	574	914,259	1,722
31	Account 370 Meters	METER	399,204	336,732	36,019	360	0	30	1,105	5	265	486	15,554	29	0	8	38	13	1,685	6,875
32	Account 371 Install. on Customer Prem.	CUST371	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
33	Account 373 Street Lights	CUST373	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
34	Account 902 Meter Reading Expense	CUST902	399,204	336,732	36,019	360	0	30	1,105	5	265	486	15,554	29	0	8	38	13	1,685	6,875
35	Account 903 Customer Records & Collect.	CUSTSVC	4,065,180	3,615,636	328,728	2,532	2,148	600	4,824	12	1,728	1,320	87,516	12	9,852	12	12	24	10,152	72
36																				
37	INTERNALLY DEVELOPED - RATE BASE																			
38	Total 364 Poles, Towers and Fixtures	DIST364	129,770,578	80,456,986	6,533,804	447,952	607,794	13,072	2,831,236	0	191,630	7,051,093	26,470,993	0	458,443	0	0	129,480	4,215,096	362,999
39	Total Acct OH Lines & Transf - Acct 364 & 365	DIST3645	220,681,663	134,632,412	11,051,403	793,189	1,075,593	23,132	4,911,010	0	317,867	12,674,924	46,115,108	0	811,292	0	0	229,116	7,456,604	590,014
40	Total 365 O.H. Conductors and Devices	DIST365	90,911,084	54,175,426	4,517,599	345,236	467,799	10,061	2,079,774	0	126,237	5,623,831	19,644,115	0	352,848	0	0	99,635	3,241,508	227,016
41	Total 366 U.G. Conduits	DIST366	104,732,197	64,917,394	5,272,715	361,752	490,630	10,556	2,285,669	0	154,598	5,995,614	21,371,600	0	370,220	0	0	104,563	3,403,923	292,762
42	Total Acct UG Lines & Transf - Acct 366 & 367	DIST3667	237,059,538	144,035,074	11,855,523	860,511	1,166,723	25,092	5,301,408	0	339,302	13,799,715	49,833,513	0	880,029	0	0	248,522	8,087,666	626,460
43	Total 367 U.G. Conductors and Devices	DIST367	132,327,342	79,117,680	6,582,808	498,760	675,893	14,536	3,015,739	0	184,704	8,104,100	28,461,913	0	509,808	0	0	143,959	4,683,743	333,698
44	Total 368 Line Transformers	DIST368	221,531,430	138,890,692	11,195,913	742,557	1,007,963	21,678	4,765,311	0	332,775	11,554,789	44,413,619	0	760,280	0	0	214,744	6,992,207	638,902
45	Total Acct Services & Meter - Acct 369 & 370	DIST36970	93,478,808	78,021,595	7,794,119	142,120	0	9,891	322,677	648	51,638	186,671	5,346,598	3,759	98,548	1,037	4,926	1,925	600,701	891,947
46	Gross Plant in Service	GROSSPLT	3,665,210,259	2,103,682,116	183,965,607	4,376,463	20,878,309	525,684	63,065,168	12,883,126	3,881,630	230,315,390	740,731,569	69,931,330	16,672,182	8,459,050	86,769,056	1,277,118	112,847,872	4,948,590
47	Total Distribution Plant	DISTPLT	1,054,834,113	649,731,228	54,905,620	3,577,674	14,519,637	110,064	21,444,659	648	1,397,127	55,362,355	203,981,493	3,759	12,541,934	1,037	4,926	994,072	32,887,337	3,370,540
48	Total Net Plant in Service	NETPLT	2,441,444,717	1,402,144,313	122,172,243	3,109,850	11,581,412	345,506	42,665,970	8,336,330	2,630,336	154,092,992	497,081,908	45,173,260	10,365,785	5,479,380	56,161,310	911,779	75,988,319	3,204,024
49	Production Plant	PRODPLT	1,875,350,648	1,025,253,098	88,657,221	453,143	4,439,633	309,311	30,366,611	9,752,053	1,795,520	129,889,050	396,183,435	52,785,818	3,303,134	6,411,578	65,752,787	201,462	59,059,197	737,597
50	Rio Grande Production Plant	RG_PRODPLT	50,795,466	27,688,535	2,397,904	15,797	154,774	8,889	826,189	264,441	48,459	3,5								

EL PASO ELECTRIC COMPANY
2020 TEXAS RATE CASE FILING
SCHEDULE TX P-7 - ALLOCATION FACTORS
SPONSOR: ADRIAN HERNANDEZ
PREPARED: ADRIAN HERNANDEZ
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

12 CP diff. 1.059390419 1.008524397
560.842 53.480
305256.866 33525.04532
12 CP LF 0.544477342 0.626870705
MOD LF 31% 40%

LPS Gen. Service
0.879217575 0.963233128 0.818130147
89.845 255.422 39.663
74636.56267 178520.9426 36876.85594
0.81 0.64 0.926749538
63% 47.6%

E2/E1
1.111658381 LPS
1.219584357 pet refining
70.966.726
73.004.068

34.559
23828.28425
0.680495768
38%

Line No	Description	Allocator	Total (a)	Rate 01	Rate 02	Rate 07	Rate 08	Rate 09	Rate 11	Rate 15	Rate 22	TRANSPPOSED COLUMNS		Rate 26	Rate 28	Rate 30	Rate 31	Rate 34	Rate 41	WH
				Residential Service	Small General Service	Recreational Lighting	Street Light	Traffic Signs	TOU Municipal Pumping	Electric Refining	Irrigation Service	Rate 24 General Service	Rate 25 Large Power	Petroleum Refinery	Area Lighting	Electric Furnace	Military Reservation	Cotton Gin	City and County	Water Heating
				(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
16	Poles, Towers & Fixtures - Secondary	D10DIST	1.000000	0.678555	0.051945	0.002611	0.003560	0.000077	0.019240	0.000000	0.001691	0.036031	0.174559	0.000000	0.002685	0.000000	0.000000	0.000759	0.024760	0.003527
17	NCP Demand Transformers - Primary	D5DIST-PRIM	1.000000	0.585041	0.049396	0.003954	0.005354	0.000115	0.023356	0.000000	0.001349	0.065280	0.221545	0.000000	0.004039	0.000000	0.000000	0.001140	0.037090	0.002362
18	NCP Demand Transformers - Secondary	D5DIST-SEC	1.000000	0.678555	0.051945	0.002611	0.003560	0.000077	0.019240	0.000000	0.001691	0.036031	0.174559	0.000000	0.002685	0.000000	0.000000	0.000759	0.024760	0.003527
19																				
20	ENERGY RELATED																			
21	kWh at Supply - Other	E1ENERGY	1.000000	0.422485	0.046273	0.000625	0.006127	0.000353	0.029080	0.006946	0.000653	0.103017	0.246403	0.050899	0.004559	0.003492	0.045059	0.000271	0.032889	0.000871
22	kWh at Supply - with Interruptible	E2ENERGY	1.000000	0.397137	0.043497	0.000587	0.005759	0.000332	0.027335	0.012061	0.000613	0.107649	0.231620	0.058356	0.004286	0.027862	0.050918	0.000255	0.030916	0.000818
23	kWh at Supply - Fuel	E1FUEL	1.000000	0.397137	0.043497	0.000587	0.005759	0.000332	0.027335	0.012061	0.000613	0.107649	0.231620	0.058356	0.004286	0.027862	0.050918	0.000255	0.030916	0.000818
24																				
25	CUSTOMER RELATED																			
26	Total Annual Customers	CUSTOMER	1.000000	0.889416	0.080864	0.000623	0.000528	0.000148	0.001187	0.000003	0.000425	0.000325	0.021528	0.000003	0.002424	0.000003	0.000003	0.000006	0.002497	0.000018
27	Customer Deposits	CUSTDEP	1.000000	0.889416	0.080864	0.000623	0.000528	0.000148	0.001187	0.000003	0.000425	0.000325	0.021528	0.000003	0.002424	0.000003	0.000003	0.000006	0.002497	0.000018
28	Interest on Customer Deposits	CUSTDEPINT	1.000000	0.889416	0.080864	0.000623	0.000528	0.000148	0.001187	0.000003	0.000425	0.000325	0.021528	0.000003	0.002424	0.000003	0.000003	0.000006	0.002497	0.000018
29	Major Account Representatives	MAJ_ACCT_REPS	1.000000	0.000000	0.747755	0.005760	0.004886	0.001365	0.010973	0.000027	0.003931	0.003003	0.199072	0.000027	0.000000	0.000027	0.000027	0.000055	0.023093	0.000000
30	Account 369 Services	SDI	1.000000	0.823652	0.074885	0.002287	0.000000	0.000144	0.004300	0.000000	0.000414	0.002964	0.079808	0.000000	0.002362	0.000000	0.000000	0.000006	0.009161	0.000017
31	Account 370 Meters	METER	1.000000	0.843509	0.090227	0.000902	0.000000	0.000075	0.002768	0.000013	0.000664	0.001217	0.038963	0.000073	0.000000	0.000020	0.000095	0.000033	0.004221	0.017222
32	Account 371 Install. on Customer Prem.	CUST371	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
33	Account 373 Street Lights	CUST373	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
34	Account 902 Meter Reading Expense	CUST902	1.000000	0.843509	0.090227	0.000902	0.000000	0.000075	0.002768	0.000013	0.000664	0.001217	0.038963	0.000073	0.000000	0.000020	0.000095	0.000033	0.004221	0.017222
35	Account 903 Customer Records & Collect.	CUSTSVC	1.000000	0.889416	0.080864	0.000623	0.000528	0.000148	0.001187	0.000003	0.000425	0.000325	0.021528	0.000003	0.002424	0.000003	0.000003	0.000006	0.002497	0.000018
36																				
37	INTERNALLY DEVELOPED - RATE BASE																			
38	Total 364 Poles, Towers and Fixtures	DIST364	1.000000	0.619994	0.050349	0.003452	0.004684	0.000101	0.021817	0.000000	0.001477	0.054335	0.203983	0.000000	0.003533	0.000000	0.000000	0.000998	0.032481	0.002797
39	Tot Acct OH Lines & Transf - Acct 364 & 365	DIST3645	1.000000	0.610075	0.050078	0.003594	0.004874	0.000105	0.022254	0.000000	0.001440	0.057435	0.208967	0.000000	0.003676	0.000000	0.000000	0.001038	0.033789	0.002674
40	Total 365 O.H. Conductors and Devices	DIST365	1.000000	0.595917	0.049692	0.003798	0.005146	0.000111	0.022877	0.000000	0.001389	0.061861	0.216081	0.000000	0.003881	0.000000	0.000000	0.001096	0.035656	0.002497
41	Total 366 U.G. Conduits	DIST366	1.000000	0.819842	0.050345	0.003454	0.004687	0.000101	0.021824	0.000000	0.001476	0.054383	0.204060	0.000000	0.003535	0.000000	0.000000	0.000998	0.032501	0.002795
42	Tot Acct U.G. Lines & Transf - Acct 366 & 367	DIST3667	1.000000	0.607590	0.050011	0.003630	0.004922	0.000106	0.022363	0.000000	0.001431	0.058212	0.210215	0.000000	0.003712	0.000000	0.000000	0.001048	0.034117	0.002643
43	Total 367 U.G. Conductors and Devices	DIST367	1.000000	0.597894	0.049746	0.003769	0.005108	0.000110	0.022790	0.000000	0.001396	0.061243	0.215087	0.000000	0.003853	0.000000	0.000000	0.001088	0.035395	0.002522
44	Total 368 Line Transformers	DIST368	1.000000	0.626957	0.050539	0.003352	0.004550	0.000098	0.021511	0.000000	0.001502	0.052159	0.200485	0.000000	0.003432	0.000000	0.000000	0.000969	0.031563	0.002884
45	Tot Acct Services & Meter - Acct 369 & 370	DIST36970	1.000000	0.834645	0.063378	0.001520	0.000000	0.000106	0.003452	0.000007	0.000552	0.001997	0.057196	0.000040	0.001054	0.000011	0.000053	0.000021	0.006426	0.009542
46	Gross Plant in Service	GROSSPLT	1.000000	0.573959	0.050192	0.001194	0.005696	0.000143	0.017206	0.003515	0.001059	0.062838	0.202098	0.019080	0.004549	0.002308	0.023674	0.000348	0.030789	0.001350
47	Total Distribution Plant	DISTPLT	1.000000	0.615956	0.052051	0.003392	0.013765	0.000104	0.020330	0.000001	0.001324	0.052484	0.193378	0.000004	0.011890	0.000001	0.000005	0.000942	0.031178	0.003195
48	Total Net Plant in Service	NETPLT	1.000000	0.574309	0.050041	0.001274	0.004744	0.000142	0.017476	0.003415	0.001077	0.063115	0.203602	0.018503	0.004246	0.002244	0.023003	0.000373	0.031124	0.001312
49	Production Plant	PRODPLT	1.000000	0.546699	0.047275	0.000242	0.002367	0.000165	0.016192	0.005200	0.000957	0.069261	0.211258	0.028147	0.001761	0.003419	0.035062	0.000107	0.031492	0.000393
50	Rio Grande Production Plant	RG_PRODPLT	1.000000	0.545099	0.047207	0.000311	0.003047	0.000175	0.016265	0.005206	0.000954	0.069417	0.211242	0.028276	0.002267	0.003415	0.035089	0.000135	0.031462	0.000433
51																				
52	INTERNALLY DEVELOPED - OPERATING EXPENSES																			
53	Distribution Operating Expenses Acct 581 - 587	EXP_5817	1.000000	0.683475	0.063569	0.002807	0.003314	0.000100	0.015788	0.000004	0.001127	0.040275	0.154396	0.000023	0.002572	0.000006	0.000031	0.000717	0.024609	0.007186
54	Distribution Operating Expenses Acct 591 - 588	EXP_5918	1.000000	0.550689	0.045698	0.003317	0.041998	0.000097	0.020268	0.000000	0.001281	0.053342	0.190926	0.000001	0.057802	0.000000	0.000001	0.000956	0.031129	0.002495
55	Customer Accounts Expense Acct 902 - 903	EXP_9023	1.000000	0.862371	0.098308	0.000781	0.000576	0.000169	0.001606	0.000005	0.000538	0.000492	0.027863	0.000011	0.002090	0.000005	0.000014	0.000010	0.003198	0.001964
56	Total O&M Exp excl Fuel Purchased Pwr & Uncoil Accts	OMXUNCOLL	1.000000	0.564521	0.055231	0.000852	0.005496	0.000199	0.017942	0.004272	0.000869	0.066204	0.193096	0.026298	0.004484	0.002559	0.028262	0.000238	0.027954	0.001524
57																				
58	INTERNALLY DEVELOPED - LABOR																			
59	Customer Related Labor	CUSTLABOR	1.000000	0.839860	0.114303	0.000911	0.000659	0.000195	0.001892	0.000006	0.000629	0.000586	0.032648	0.000014	0.001947	0.000007	0.000018	0.000012	0.003743	0.002570
60	Distribution Related Labor	DISTLABOR	1.000000	0.653880	0.059580	0.002936	0.019485	0.000100	0.016864	0.000003	0.001163	0.043487	0.163287	0.000018	0.006086	0.000005	0.000024	0.000775	0.026210	0.006118
61																				

Adjusted Allocation Factors

	Rate 01 Residential Service	Rate 02 Small General Service	Rate 07 Recreational Lighting
D1	0.449	0.05705	0.00031
D2	676,688	85902	0
D12-T	503,265	55,498	1,708
D12-P	0.47518	0.04989	0.00188
Dist-Pr	889,304	86,803	6,695
Dist-Sec	1,551,453	137,302	6,651
E1	2,400,382,735	304,763,141	3,964,113
Avg Dem	274,016	34,790	453
E2	2,400,382,735	304,763,141	3,964,113

3 year average allocation factors from Ex. MC-5

Res	SGS	GS	
E1	0.378	0.048	0.266
D1	0.449	0.057	0.273
D2	0.4530	0.0575	0.2743

	Texas Jurisdiction	Residential Service	Small General Service
	\$ 532,713,639	\$ 273,638,830	\$ 33,319,685
filed	\$ 41,817,778	\$ 52,607,044	\$ (3,181,502)
	7.8%	19.2%	-9.5%
		21,431,215	(205,079.94)
Alloc. Change	\$	31,175,829	\$ (2,976,422)
Ratio for Non-Res.			9.48%

COVID Revenue Adjust.	\$ 14,992,000	\$ 1,421,743
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Adjusted CCOS Results At Compai

	Texas Jurisdiction	Residential Service	Small General Service
Base Rev Req	574,531,417	289,315,647	33,303,358
Rev Adjustment		(14,992,000)	1,421,743
Current Revs	532,713,639	273,638,830	33,319,685
Required Change	41,817,778	30,668,817	(1,438,071)
Adjust Per Table MC-8	\$39,296,582	\$29,128,239	(\$1,595,168)
Percentage	7.38%	10.64%	-4.79%
Ratio to System		144%	-65%
140% System Avg.	10.327%		
Increase w/o MC-8	7.8%	11.2%	-4.3%
		143%	-55%
	574,531,417		

Rate 08 Street Light	Rate 09 Traffic Signs	Rate 11 TOU Municipal Pumping	Rate 15 Electric Refining	Rate 22 Irrigation Service	Rate 24 General Service
0.00305	0.00018	0.01627	0.00521	0.00095	0.27282
0	194	23,810	7,737	1,448	409,711
3,022	194	21,482	7,392	784	301,615
0.00305	0.00018	0.01505	0.00642	0.00072	0.25893
9,067	195	39,550	0	2,284	405,657
9,067	195	49,005	0	4,307	480,761
38,885,062	2,238,727	184,560,694	44,081,882	4,141,472	1,690,972,806
4,439	256	21,069	5,032	473	193,033
38,885,062	2,238,727	184,560,694	81,431,660	4,141,472	1,690,972,806

LGS	Refining	City/County
0.111	0.054	0.044
0.079	0.030	0.031
0.0789	0.0294	0.0467

Recreational Lighting	Street Light	Traffic Signs	TOU Municipal Pumping	Electric Refining	Irrigation Service
\$ 462,980	\$ 4,046,620	\$ 95,204	\$ 10,102,350	\$ 1,830,063	\$ 423,413
\$ 153,617	\$ (967,831)	\$ 3,416	\$ 95,157	\$ 407,243	\$ 135,518
33.2%	-23.9%	3.6%	0.9%	22.3%	32.0%

ny Requested Revenue Requirement

Recreational Lighting	Street Light	Traffic Signs	TOU Municipal Pumping	Electric Refining	Irrigation Service
585,050	2,963,950	96,861	10,236,735	2,252,410	583,269
462,980	4,046,620	95,204	10,102,350	1,830,063	423,413
122,070	(1,082,670)	1,657	134,385	422,347	159,856
\$119,088	(\$1,099,906)	\$1,233	\$95,265	\$414,416	\$157,568
25.72%	-27.18%	1.29%	0.94%	22.64%	37.21%
349%	-368%	18%	13%	307%	504%
26.4%	-26.8%	1.7%	1.3%	23.1%	37.8%
336%	-341%	22%	17%	294%	481%

Rate 25 Large Power	Rate 26 Petroleum Refinery	Rate 28 Area Lighting	Rate 30 Electric Furnace	Rate 31 Military Reservation	Rate 34 Cotton Gin
0.07888	0.02953	0.00227	0.00342	0.03509	0.00014
117,898	43,868	0	5,127	52,230	17
100,937	41,928	2,262	5,127	45,958	182
0.07909	0.03057	0.00227	0.00499	0.03916	0.00014
128,213	0	6,839	0	0	1,931
106,475	0	6,839	0	0	1,933
707,363,439	341,483,880	28,935,421	22,163,145	285,973,306	1,721,696
80,749	38,982	3,303	2,530	32,645	197
780,367,507	412,450,706	28,935,421	188,117,881	343,788,608	1,721,696
73,004,068	70,966,826				

General Service	Large Power	Petroleum Refinery	Area Lighting	Electric Furnace	Military Reservation
\$ 125,005,740	\$ 35,955,664	\$ 10,964,770	\$ 2,932,614	\$ 1,191,760	\$ 13,009,892
\$ (10,767,792)	\$ 1,321,031	\$ 1,976,474	\$ (289,539)	\$ 314,558	\$ 1,766,040
-8.6%	3.7%	18.0%	-9.9%	26.4%	13.6%
\$ 6,366,509	\$ 5,905,328	\$ 2,747,935			
\$ (17,134,301)	\$ (4,584,297)	\$ (771,461)			
54.59%	14.61%	2.46%			

\$ 8,184,516 \$ 2,189,774 \$ 368,503

General Service	Large Power	Petroleum Refinery	Area Lighting	Electric Furnace	Military Reservation
137,101,368	41,347,541	13,611,077	2,657,838	1,518,215	14,889,630
8,184,516	2,189,774	368,503			
125,005,740	35,955,664	10,964,770	2,932,614	1,191,760	13,009,892
3,911,112	3,202,103	2,277,804	(274,776)	326,455	1,879,738
\$3,477,544	\$3,064,316	\$2,231,190	(\$282,382)	\$321,503	\$1,827,314
2.78%	8.52%	20.35%	-9.63%	26.98%	14.05%
38%	116%	276%	-131%	366%	190%
3.1%	8.9%	20.8%	-9.4%	27.4%	14.4%
40%	113%	265%	-119%	349%	184%

Rate 41 City and County	WH Water Heating		
0.04672	0.00043	1.001	
69,794	381	1,494,805	
46,538	486	1,138,377	1,122,008
0.04020	0.00043	101%	
84,577	3,999	1,665,114	
63,065	8,984	2,426,038	
281,088,137	5,525,846	6,348,245,502	
32,088	631		
281,088,137	5,525,846	6,753,336,213	

Cotton Gin	City and County	Water Heating	
\$ 132,972	\$ 19,126,500	\$ 474,582	
\$ 45,212	\$ (2,136,072)	\$ 335,205	
34.0%	-11.2%	70.6%	
	3,783,228.74	Total	
	\$ (5,919,301)	\$ (31,385,782)	
	18.86%		

\$ 2,827,464

\$ 14,992,000

Cotton Gin	City and County	Water Heating
172,045	23,070,254	826,169
	2,827,464	
132,972	19,126,500	474,582
39,073	1,116,291	351,587
\$38,365	\$1,052,424	\$345,573

28.85% 5.50% 72.82%

391% 75% 987%

29.4% 5.8% 74.1%

374% 74% 944%

#####

Adjustment to Reconcile to Table MC-8

	Texas Tptal	Residential Service	Small Generecreation Service Lighting	Street Light	TrafficDU Signs Pumping	Municipi Refining	Electric	
COVID Amortization	\$2,196,060	\$1,341,904	\$136,838	\$2,598	\$15,014	\$370	\$34,075	\$6,908
		61.1%	6.2%	0.1%	0.7%	0.0%	1.6%	0.3%
Interruptible Incr. (Per Company)	\$ 325,136	\$ 198,675	\$ 20,259	\$ 385	\$ 2,223	\$ 55	\$ 5,045	\$ 1,023
Total Adjustment	\$2,521,196	\$1,540,578	\$157,097	\$2,983	\$17,237	\$425	\$39,120	\$7,930

Irrigation Service	General Service	Large Power	Petroleum Refinery	Area Lighting	Electric Furnace	Military Reservation	Cotton Gin	City and County	Water Heating
\$1,993	\$377,654	\$120,017	\$40,602	\$6,625	\$4,313	\$45,664	\$616	\$55,631	\$5,239
0.1%	17.2%	5.5%	1.8%	0.3%	0.2%	2.1%	0.0%	2.5%	0.2%
\$ 295	\$ 55,913	\$ 17,769	\$ 6,011	\$ 981	\$ 639	\$ 6,761	\$ 91	\$ 8,236	\$ 776
\$2,288	\$433,567	\$137,787	\$46,614	\$7,606	\$4,952	\$52,425	\$707	\$63,867	\$6,014

Development of Recommended Revenue

	Texas Total	Residential Service	Small General Service
CCOS Rev Increase	\$39,296,582	\$29,128,239	(\$1,595,168)
CCOS % Increase	7.38%	10.64%	-4.79%
Ratio to Texas Avg.		144%	-65%

Moderation Adjustments

No class revenue reduction
(\$2,977,455)

Cap Increases at 140%		\$ 28,239,527
10.32%		
\$3,177,962	Difference	\$888,712

	Texas Total	Residential Service	Small General Service
Net Reallocation		\$ 28,239,527	0
\$200,507			
0.005102399			
1.015897007			

Reallocated	\$ 39,296,582	\$ 28,688,451	\$ -
	7.38%	10.48%	0.00%

0.015897007	142.1%
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\$39,296,582

venue Increase Allocation At Company Revenue Requirement

Recreational Lighting	Street Light	Traffic Signs	TOU Municipal Pumping	Electric Refining
\$119,088	(\$1,099,906)	\$1,233	\$95,265	\$414,416
25.72%	-27.18%	1.29%	0.94%	22.64%
349%	-368%	18%	13%	307%

\$ 47,780

\$71,308

Recreational Lighting	Street Light	Traffic Signs	TOU Municipal Pumping	Electric Refining
\$ 47,780	0	\$1,233	\$95,265	0

\$ 48,539	\$ -	\$ 1,252	\$ 96,779	\$ -
10.48%	0.00%	1.32%	0.96%	0.00%

Irrigation Service	General Service	Large Power	Petroleum Refinery	Area Lighting
\$157,568	\$3,477,544	\$3,064,316	\$2,231,190	(\$282,382)
37.21%	2.78%	8.52%	20.35%	-9.63%
504%	38%	116%	276%	-131%

\$	43,696		\$	1,131,564
	\$113,872			\$1,099,626

Irrigation Service	General Service	Large Power	Petroleum Refinery	Area Lighting
\$ 43,696	\$3,477,544	\$3,064,316	\$ 1,131,564	0

\$	44,391	\$	3,532,827	\$	3,113,030	\$	1,149,553	\$	-
	10.48%		2.83%		8.66%		10.48%		0.00%

Electric Furnace	Military Reservation	Cotton Gin	City and County	Water Heating
\$321,503	\$1,827,314	\$38,365	\$1,052,424	\$345,573
26.98%	14.05%	28.85%	5.50%	72.82%
366%	190%	391%	75%	987%

\$	122,990	\$	1,342,621	\$	13,723	\$	48,977
	\$198,513		\$484,693		\$24,643		\$296,596

Electric Furnace	Military Reservation	Cotton Gin	City and County	Water Heating
\$ 122,990	\$ 1,342,621	\$ 13,723	\$1,052,424	\$ 48,977

\$	124,945	\$	1,363,965	\$	13,941	\$	1,069,154	\$	49,755
	10.48%		10.48%		10.48%		5.59%		10.48%

DN 52195 Clarence Johnson Corrected Workpapers
Allocation Adjustments CCOS-CEP Revenue Requirement
(also filed in native format)

Revenue Requirement

Nalepa Summary With Errata

	Utility	Texas	R01-Residential TX
Rate Base	2,586,933,689	1,987,143,503	1,013,256,635
Overall Return	7.322%	7.322%	7.322%
Return on Rate Base	189,421,493	145,503,416	74,193,083
Operating Expense	695,084,344	535,732,017	248,859,760
Federal Income Taxes	25,674,917	19,324,323	10,014,499
State Income Taxes	4,108,259	3,179,977	1,624,590
Total Revenue Requirement	914,289,013	703,739,734	334,691,932
Other Operating Revenues	(252,316,850)	(181,083,928)	(57,245,979)
Base Revenue Requirement	661,972,163	522,655,806	277,445,953

	<i>Current Base Revs</i>	532,713,639.01	273,638,830.00
Utility Impact		(10,059,034.20)	5,328,137.87
	(56,248,384)	-1.89%	1.95%

decrease totals
(17,849,434.02)

0.563549185

R02-Small Gen Serv	R07-Rec Light	R08-Street Light	R09-Traffic Signs	R11TOU-Muni Pump
115,958,115	2,401,895	9,140,562	280,217	34,898,901
7.322%	7.322%	7.322%	7.322%	7.322%
8,490,731	175,873	669,294	20,518	2,555,381
29,298,349	444,223	2,902,554	117,720	10,926,405
1,139,013	24,844	94,619	2,693	339,721
185,724	3,844	14,826	447	55,741
39,113,818	648,783	3,681,293	141,379	13,877,249
(9,991,213)	(95,874)	(889,775)	(52,353)	(4,471,468)
29,122,605	552,909	2,791,517	89,026	9,405,781
33,319,685.00	462,980.00	4,046,620.00	95,204.00	10,102,350.00
(4,497,120.06)	79,095.81	(1,265,345.41)	(6,211.71)	(750,745.67)
-13.50%	17.08%	-31.27%	-6.52%	-7.43%

R15-Elec Ref	R22-Irrig Serv	R24-Gen Serv	R25-Large Power	R26-Petroleum Ref	R28-P Area Light
6,848,198	2,259,061	473,278,703	142,626,549	39,086,879	8,258,749
7.322%	7.322%	7.322%	7.322%	7.322%	7.322%
501,442	165,414	34,654,603	10,443,458	2,862,035	604,725
2,558,421	467,127	129,991,885	43,727,684	18,831,203	2,483,361
63,271	22,099	4,500,678	1,364,207	363,154	82,955
10,920	3,617	755,466	227,688	62,293	13,261
3,134,053	658,257	169,902,632	55,763,038	22,118,685	3,184,302
(1,535,913)	(140,412)	(53,784,771)	(20,148,130)	(9,883,398)	(657,092)
1,598,140	517,844	116,117,861	35,614,908	12,235,287	2,527,210
1,830,063.00	423,413.00	125,005,740.00	35,955,664.01	10,964,770.00	2,932,614.00
217,548.52	88,645.34	(9,187,072.01)	(604,907.57)	1,059,040.33	(413,182.83)
11.89%	20.94%	-7.35%	-1.68%	9.66%	-14.09%

R30-Elec Furnace	R31-Mili Reserv	R34-Cotton Gin	R41-Cty/Cnty	RWH-Water Heating
4,528,839	46,131,099	706,514	84,547,891	2,934,696
7.322%	7.322%	7.322%	7.322%	7.322%
331,612	3,377,830	51,733	6,190,799	214,885
5,123,872	17,965,938	142,582	21,196,623	694,309
41,835	425,781	7,164	806,322	31,469
7,204	73,557	1,129	134,944	4,727
5,504,524	21,843,106	202,607	28,328,688	945,390
(4,142,690)	(8,371,293)	(40,356)	(9,463,376)	(169,834)
1,361,833	13,471,812	162,251	18,865,312	775,556
1,191,760.00	13,009,892.00	132,972.00	19,126,500.00	474,582.00
195,381.07	507,450.59	26,222.27	(1,124,848.74)	288,878.02
16.39%	3.90%	19.72%	-5.88%	60.87%

Revenue Alloca

	Texas Retail	R01-Residential TX	R02-Small Gen Serv	R07-Rec Light
	\$ (10,059,034)		\$ (2,534,348)	\$ -
	-1.89%	0.00%	-7.61%	0.00%
		No Increase		
-10059034		8,007,948		
		0.563549185		

ation Recommendation (with errata)

R08-Street Light	R09-Traffic Signs	R11TOU-Muni Pump	R15-Elec Ref	R22-Irrig Serv	R24-Gen Serv
\$ (713,084)	\$ (3,501)	\$ (423,082)		\$ -	\$ (5,177,367)
-17.62%	-3.68%	-4.19%	0.00%	0.00%	-4.14%

R25-Large Power	R26-Petroleum Ref	R28-P Area Light	R30-Elec Furnace	R31-Mili Reserv
\$ (340,895)	\$ -	\$ (232,849)	\$ -	\$ -
-0.95%	0.00%	-7.94%	0.00%	0.00%

R34-Cotton Gin	R41-Cty/Cnty	RWH-Water Heating
\$ -	\$ (633,908)	\$ -
0.00%	-3.31%	0.00%

Revenue Requirement**Nalepa Summary With Errata**

	Utility	Texas	R01-Residential TX
Rate Base	2,586,933,689	1,987,143,503	1,013,256,635
Overall Return	7.322%	7.322%	7.322%
Return on Rate Base	189,421,493	145,503,416	74,193,083
Operating Expense	695,084,344	535,732,017	248,859,760
Federal Income Taxes	25,674,917	19,324,323	10,014,499
State Income Taxes	4,108,259	3,179,977	1,624,590
Total Revenue Requirement	914,289,013	703,739,734	334,691,932
Other Operating Revenues	(252,316,850)	(181,083,928)	(57,245,979)
Base Revenue Requirement	661,972,163	522,655,806	277,445,953

	<i>Current Base Revs</i>	532,713,639.01	273,638,830.00
Utility Impact		(10,059,034.20)	5,328,137.87
	(56,248,384)	-1.89%	1.95%

decrease totals
(17,849,434.02)

0.563549185

R02-Small Gen Serv	R07-Rec Light	R08-Street Light	R09-Traffic Signs	R11TOU-Muni Pump
115,958,115	2,401,895	9,140,562	280,217	34,898,901
7.322%	7.322%	7.322%	7.322%	7.322%
8,490,731	175,873	669,294	20,518	2,555,381
29,298,349	444,223	2,902,554	117,720	10,926,405
1,139,013	24,844	94,619	2,693	339,721
185,724	3,844	14,826	447	55,741
39,113,818	648,783	3,681,293	141,379	13,877,249
(9,991,213)	(95,874)	(889,775)	(52,353)	(4,471,468)
29,122,605	552,909	2,791,517	89,026	9,405,781
33,319,685.00	462,980.00	4,046,620.00	95,204.00	10,102,350.00
(4,497,120.06)	79,095.81	(1,265,345.41)	(6,211.71)	(750,745.67)
-13.50%	17.08%	-31.27%	-6.52%	-7.43%

R15-Elec Ref	R22-Irrig Serv	R24-Gen Serv	R25-Large Power	R26-Petroleum Ref	R28-P Area Light
6,848,198	2,259,061	473,278,703	142,626,549	39,086,879	8,258,749
7.322%	7.322%	7.322%	7.322%	7.322%	7.322%
501,442	165,414	34,654,603	10,443,458	2,862,035	604,725
2,558,421	467,127	129,991,885	43,727,684	18,831,203	2,483,361
63,271	22,099	4,500,678	1,364,207	363,154	82,955
10,920	3,617	755,466	227,688	62,293	13,261
3,134,053	658,257	169,902,632	55,763,038	22,118,685	3,184,302
(1,535,913)	(140,412)	(53,784,771)	(20,148,130)	(9,883,398)	(657,092)
1,598,140	517,844	116,117,861	35,614,908	12,235,287	2,527,210
1,830,063.00	423,413.00	125,005,740.00	35,955,664.01	10,964,770.00	2,932,614.00
217,548.52	88,645.34	(9,187,072.01)	(604,907.57)	1,059,040.33	(413,182.83)
11.89%	20.94%	-7.35%	-1.68%	9.66%	-14.09%

R30-Elec Furnace	R31-Mili Reserv	R34-Cotton Gin	R41-Cty/Cnty	RWH-Water Heating
4,528,839	46,131,099	706,514	84,547,891	2,934,696
7.322%	7.322%	7.322%	7.322%	7.322%
331,612	3,377,830	51,733	6,190,799	214,885
5,123,872	17,965,938	142,582	21,196,623	694,309
41,835	425,781	7,164	806,322	31,469
7,204	73,557	1,129	134,944	4,727
5,504,524	21,843,106	202,607	28,328,688	945,390
(4,142,690)	(8,371,293)	(40,356)	(9,463,376)	(169,834)
1,361,833	13,471,812	162,251	18,865,312	775,556
1,191,760.00	13,009,892.00	132,972.00	19,126,500.00	474,582.00
195,381.07	507,450.59	26,222.27	(1,124,848.74)	288,878.02
16.39%	3.90%	19.72%	-5.88%	60.87%

Revenue Alloca

	Texas Retail	R01-Residential TX	R02-Small Gen Serv	R07-Rec Light
	\$ (10,059,034)		\$ (2,534,348)	\$ -
	-1.89%	0.00%	-7.61%	0.00%
		No Increase		
-10059034		8,007,948		
		0.563549185		

ation Recommendation (with errata)

R08-Street Light	R09-Traffic Signs	R11TOU-Muni Pump	R15-Elec Ref	R22-Irrig Serv	R24-Gen Serv
\$ (713,084)	\$ (3,501)	\$ (423,082)		\$ -	\$ (5,177,367)
-17.62%	-3.68%	-4.19%	0.00%	0.00%	-4.14%

R25-Large Power	R26-Petroleum Ref	R28-P Area Light	R30-Elec Furnace	R31-Mili Reserv
\$ (340,895)	\$ -	\$ (232,849)	\$ -	\$ -
-0.95%	0.00%	-7.94%	0.00%	0.00%

R34-Cotton Gin	R41-Cty/Cnty	RWH-Water Heating
\$ -	\$ (633,908)	\$ -
0.00%	-3.31%	0.00%