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**PETITION OF AEP TEXAS INC. FOR
ADMINISTRATIVE APPROVAL OF
TRANSMISSION COST RECOVERY
FACTOR UPDATE**

**PUBLIC UTILITY COMMISSION
OF TEXAS**

**AEP TEXAS INC.'S PETITION
FOR ADMINISTRATIVE APPROVAL OF
TRANSMISSION COST RECOVERY FACTOR UPDATE**

AEP Texas Inc. (“AEP Texas”) requests administrative approval of an update to its transmission cost recovery factor (“TCRF”) under 16 Texas Administrative Code (“TAC”) § 25.193 and respectfully shows as follows:

I. Jurisdiction

AEP Texas is a public utility as that term is defined in Public Utility Regulatory Act (“PURA”)¹ § 11.004(1), an electric utility as that term is defined in PURA § 31.002(6), and a transmission and distribution utility as that term is defined in PURA § 31.002(19). AEP Texas’ business address is 539 North Carancahua Street, Corpus Christi, Texas 78401. The Public Utility Commission of Texas (“Commission”) has jurisdiction over this filing under PURA §§ 32.001 and 32.101 and 16 TAC § 25.193.

II. Authorized Representatives

AEP Texas’ authorized business and legal representatives are:

Steven Beaty
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AEP Texas requests that all information, pleadings, and other documents in this matter be served on each of the persons above as well as emailed to aepaustrintx@aep.com.

¹ Tex. Util. Code Ann. §§ 11.001 – 66.016 (West).

III. Affected Persons

The relief requested in this filing affects all retail electric providers (“REPs”) serving end-use retail electric customers in AEP Texas’ certificated service territory and will affect the retail electric customers of those REPs.

IV. Background and Description of Filing

AEP Texas is a transmission and distribution utility providing delivery service pursuant to tariffs duly filed with and approved by the Commission. Those tariffs each contain a Schedule TCRF found in Section 6.1.1.4.1, which authorize AEP Texas to assess REPs, on behalf of retail customers, a nonbypassable transmission service charge adjustment necessitated by a change in a transmission service provider’s (“TSP”) wholesale transmission rate. The actual factors are found in Section 6.1.1.4.1.1, Rider TCRF. Pursuant to 16 TAC § 25.193(b), AEP Texas is authorized to update its TCRF on March 1 and September 1 of each year in order to pass through changes in wholesale transmission costs that are billed by TSPs to distribution service providers (“DSPs”) such as AEP Texas. Consistent with the Order in AEP Texas’ last rate case, Docket No. 49494, all of AEP Texas’ transmission costs are recovered through the TCRF Rider.²

The total annual TCRF expense for the period of November 2020 through April 2021 is \$377,405,534. In the settlement of Docket No. 49494, AEP Texas agreed to provide its north division transmission class a credit to be funded by AEP Texas that is equal to \$300,000 per year for two years.³ The credit was approved in Docket No. 49494 as Section 6.1.1.4.9, Rider TNTC — Texas North Transmission Credit. By the time the September 2021 TCRF update is in effect, the total credit to the north division transmission customers is estimated to be approximately \$690,000, fully addressing AEP Texas’ obligation under the settlement agreement in Docket No. 49494. Therefore, AEP Texas is proposing in this filing to set the north division transmission credit rate to \$0, effective September 2021 through February 2022.

In this filing, AEP Texas seeks administrative approval of TCRF prices for the changes in wholesale transmission costs that have been approved by the Commission, as shown in Attachment A. The analyses and calculations performed in developing the TCRF are also contained in Attachment A. The electronic version of Attachment A is being provided with this

² *Application of AEP Texas Inc. for Authority to Change Rates*, Docket No. 49494, Order at Finding of Fact No. 97 (Apr. 3, 2020).

³ Docket No. 49494, Order at Ordering Paragraph No. 13.

filings. The revised Tariff section 6.1.1.4.1.1, Rider TCRF, reflecting the updated charges requested by AEP Texas is provided as Attachment B. The revised Tariff section 6.1.1.4.9, Rider TNTC, reflecting the updated credit is provided as Attachment C.

AEP Texas requests that the updated Rider TCRF and Rider TNTC become effective for invoices to REPs on and after September 1, 2021, pursuant to 16 TAC § 25.193(b).

V. Processing

Under 16 TAC § 25.193, within 45 days after a DSP files a request to update its TCRF, the Commission shall issue an order establishing the amount of the revised TCRF and suspend the effective date of the revised TCRF as necessary so that the new TCRF charges will take effect on September 1, 2021. In accordance with this provision, AEP Texas requests administrative approval of this petition.

To the extent that this petition is contested in a manner that will not allow for the implementation of AEP Texas' updated TCRF by September 1, 2021, AEP Texas respectfully requests the opportunity for hearing, pursuant to 16 TAC § 22.125(c) to establish that good cause exists for the Commission to grant interim relief in this proceeding. In such event, AEP Texas further requests expedited treatment of this petition to allow the Commission to issue a final order before the requested September 1, 2021 effective date.

VI. Notice

AEP Texas will provide a copy of this petition, with the notice of filing provided as Attachment D, to each REP registered to provide service in Texas.

VII. Conclusion and Prayer

AEP Texas respectfully requests administrative approval of the Rider TCRF and Rider TNTC adjustments as reflected on Attachments B and C, effective for billings on and after September 1, 2021, and any other relief to which it may be justly entitled.

RESPECTFULLY SUBMITTED,

/s/ Leila Melhem

AMERICAN ELECTRIC POWER SERVICE
CORPORATION

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ATTORNEYS FOR AEP TEXAS INC.

Certificate of Service

I certify that on May 28, 2021, a true and correct copy of this petition was filed with the Commission through the Interchange on the Commission's website in accordance with the Commission's Second Order Suspending Rules issued on July 16, 2020, in Project No. 50664.

/s/ Leila Melhem

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx

TCRF Revenue

AEP Texas TCRF Calculation By Class

September 2021 TCRF Update

Semi-Annual Updated Revenue Requirement - (NWTR - BWTR)/2 \$188,702,767

Estimated Revenue By Rate Class

Class Description	TCRF Class Allocation %	Semi-Annual TCRF	Adjustment to TCRF	Total TCRF Update September 2021	Type of Billing Determinant	Sept - February Determinants	Price Per Unit	TCRF Revenue
Residential	47.309%	\$89,273,324	\$10,328,652	\$99,601,976	kWh	6,753,706,272	\$0.014748	\$99,603,660
Secondary Less Than or Equal to 10 kW	1.704%	\$3,214,773	\$148,478	\$3,363,252	kWh	527,869,884	\$0.006371	\$3,363,059
Secondary Greater Than 10 kW								
4CP	3.152%	\$5,947,303	\$363,173	\$6,310,476	Avg 4CP	1,456,185	\$4.333569	\$6,310,477
NCP	28.071%	\$52,971,198	\$5,181,000	\$58,152,198	Monthly Max kW	15,343,566	\$3.790005	\$58,152,192
Primary Service								
4CP	9.803%	\$18,498,499	\$1,489,565	\$19,988,064	Avg 4CP	4,395,473	\$4.547421	\$19,988,064
NCP	0.654%	\$1,234,651	\$202,913	\$1,437,564	Monthly Max kW	468,964	\$3.065405	\$1,437,565
Transmission Service	9.307%	\$17,563,018	(\$838,720)	\$16,724,298	Avg 4CP	4,003,329	\$4.177598	\$16,724,300
Total		\$188,702,767	\$16,875,061	\$205,577,828				\$205,579,317

Allocation table based on the Docket No. 49494 transmission allocator.

Unadjusted, unscaled, 15-minute 4CP allocator

Central	\$14,064,295
North	\$2,810,766

AEP TX North Division Transmission Credit Settlement*	\$0
North Diivision Transmission Sept - Feb Determinants	646,692.40
AEP TX North Division Rider TNTC Credit per 4CP kW	\$0.00
2020 Refund Total (compliance TCRF + Sept 2020 update)	(\$381,510.51)
2021 Refund Total (March 2021 update)	(\$181,276.00)
To Date Total Refund	(\$562,786.51)
Estimated Refund through August 2021	(\$689,901.07)

*Docket No. 49494 \$300,000 per year or \$150,000 per TCRF update - 4X

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx

Total Class Data

Semi-Annual TCRF Class Adjustment Calculation for September 2021

Total Class Data

Line	Description	November	December	January	February	March	April	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$29,840,006	\$29,716,107	\$29,815,324	\$29,858,625	\$30,001,666	\$31,007,622	\$180,239,350
3	Class Allocation Factor	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4	Class TCRF Not in Base	\$29,840,006	\$29,716,107	\$29,815,324	\$29,858,625	\$30,001,666	\$31,007,622	\$180,239,350
5	Class TCRF Revenue	\$29,469,293	\$29,122,162	\$31,885,462	\$30,249,910	\$25,926,770	\$23,880,500	\$170,534,098
6	ADJP1	\$0	\$0	\$0	\$0	-\$1,290,493	-\$1,290,493	-\$2,580,986
7	ADJP2	\$2,437,699	\$2,437,699	\$2,437,699	\$2,437,699	\$0	\$0	\$9,750,796
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$27,031,594	\$26,684,463	\$29,447,763	\$27,812,211	\$27,217,264	\$25,170,993	\$163,364,288
9	Under/(Over) Recovery	\$2,808,412	\$3,031,644	\$367,561	\$2,046,414	\$2,784,402	\$5,836,628	\$16,875,061
10	Cummulative Under/(Over) Recovery	\$2,808,412	\$5,840,056	\$6,207,617	\$8,254,031	\$11,038,433	\$16,875,061	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx

Residential

Semi-Annual TCRF Class Adjustment Calculation for September 2021
Residential

Line	Description	November	December	January	February	March	April	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$29,840,006	\$29,716,107	\$29,815,324	\$29,858,625	\$30,001,666	\$31,007,622	\$180,239,350
3	Class Allocation Factor	47.31%	47.31%	47.31%	47.31%	47.31%	47.31%	47.31%
4	Class TCRF Not in Base	\$14,116,998	\$14,058,383	\$14,105,321	\$14,125,806	\$14,193,477	\$14,669,385	\$85,269,369
5	Class TCRF Revenue	13,806,338	14,152,437	16,411,033	14,952,709	10,075,910	8,160,083	77,558,510
6	ADJP1	\$0	\$0	\$0	\$0	(\$2,287,401)	(\$2,287,401)	(\$4,574,803)
7	ADJP2	\$1,798,149	\$1,798,149	\$1,798,149	\$1,798,149	\$0	\$0	\$7,192,596
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$12,008,189	\$12,354,288	\$14,612,884	\$13,154,560	\$12,363,312	\$10,447,484	\$74,940,717
9	Under/(Over) Recovery	\$2,108,809	\$1,704,094	(\$507,563)	\$971,246	\$1,830,166	\$4,221,901	\$10,328,652
10	Cummulative Under/(Over) Recovery	\$2,108,809	\$3,812,903	\$3,305,339	\$4,276,586	\$6,106,751	\$10,328,652	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx
Secondary <=10kW

Semi-Annual TCRF Class Adjustment Calculation for September 2021
Secondary <= 10 kW

Line	Description	November	December	January	February	March	April	Total
		1	2	3	4	5	6	
1	Period (p)							
2	TCRF Expense Not in Base	\$29,840,006	\$29,716,107	\$29,815,324	\$29,858,625	\$30,001,666	\$31,007,622	\$180,239,350
3	Class Allocation Factor	1.70%	1.70%	1.70%	1.70%	1.70%	1.70%	1.70%
4	Class TCRF Not in Base	\$508,360	\$506,249	\$507,939	\$508,677	\$511,114	\$528,251	\$3,070,589
5	Class TCRF Revenue	503,575.82	517,572.25	526,829.24	494,348.76	434,287.63	451,137.23	\$2,927,751
6	ADJP1	\$0	\$0	\$0	\$0	-\$30,365	-\$30,365	-\$60,731
7	ADJP2	\$16,593	\$16,593	\$16,593	\$16,593	\$0	\$0	\$66,371
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$486,983	\$500,980	\$510,237	\$477,756	\$464,653	\$481,503	\$2,922,111
9	Under/(Over) Recovery	\$21,376	\$5,269	(\$2,297)	\$30,921	\$46,461	\$46,749	\$148,478
10	Cummulative Under/(Over) Recovery	\$21,376	\$26,646	\$24,348	\$55,269	\$101,730	\$148,478	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx
Secondary>10kW4CP

Semi-Annual TCRF Class Adjustment Calculation for September 2021
Secondary > 10 kW 4CP

Line	Description	November	December	January	February	March	April	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$29,840,006	\$29,716,107	\$29,815,324	\$29,858,625	\$30,001,666	\$31,007,622	\$180,239,350
3	Class Allocation Factor	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
4	Class TCRF Not in Base	\$940,461	\$936,556	\$939,683	\$941,048	\$945,556	\$977,260	\$5,680,563
5	Class TCRF Revenue	934,951.06	945,458.93	827,463.72	767,978.73	926,220.76	876,052.48	\$5,278,126
6	ADJP1	\$0	\$0	\$0	\$0	\$6,472	\$6,472	\$12,943
7	ADJP2	-\$13,052	-\$13,052	-\$13,052	-\$13,052	\$0	\$0	-\$52,207
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$948,003	\$958,511	\$840,516	\$781,031	\$919,749	\$869,581	\$5,317,390
9	Under/(Over) Recovery	-\$7,542	-\$21,955	\$99,167	\$160,017	\$25,807	\$107,679	\$363,173
10	Cummulative Under/(Over) Recovery	(\$7,542)	(\$29,497)	\$69,670	\$229,688	\$255,494	\$363,173	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx

Secondary>10kWNCP

Semi-Annual TCRF Class Adjustment Calculation for September 2021
Secondary > 10 kW NCP

Line	Description	November	December	January	February	March	April	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$29,840,006	\$29,716,107	\$29,815,324	\$29,858,625	\$30,001,666	\$31,007,622	\$180,239,350
3	Class Allocation Factor	28.07%	28.07%	28.07%	28.07%	28.07%	28.07%	28.07%
4	Class TCRF Not in Base	\$8,376,458	\$8,341,678	\$8,369,530	\$8,381,685	\$8,421,838	\$8,704,222	\$50,595,412
5	Class TCRF Revenue	7,893,379.41	7,622,404.19	7,697,413.68	8,347,914.11	8,867,776.32	8,773,449.36	\$49,202,337
6	ADJP1	\$0	\$0	\$0	\$0	\$848,808	\$848,808	\$1,697,617
7	ADJP2	\$522,577	\$522,577	\$522,577	\$522,577	\$0	\$0	\$2,090,308
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$7,370,802	\$7,099,827	\$7,174,837	\$7,825,337	\$8,018,968	\$7,924,641	\$45,414,413
9	Under/(Over) Recovery	\$1,005,656	\$1,241,851	\$1,194,693	\$556,348	\$402,870	\$779,581	\$5,181,000
10	Cummulative Under/(Over) Recovery	\$1,005,656	\$2,247,507	\$3,442,200	\$3,998,548	\$4,401,418	\$5,181,000	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx

Primary4CP

Semi-Annual TCRF Class Adjustment Calculation for September 2021
Primary 4CP

Line	Description	November	December	January	February	March	April	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$29,840,006	\$29,716,107	\$29,815,324	\$29,858,625	\$30,001,666	\$31,007,622	\$180,239,350
3	Class Allocation Factor	9.80%	9.80%	9.80%	9.80%	9.80%	9.80%	9.80%
4	Class TCRF Not in Base	\$2,925,210	\$2,913,065	\$2,922,791	\$2,927,036	\$2,941,058	\$3,039,672	\$17,668,831
5	Class TCRF Revenue	2,879,766.74	2,875,910.24	2,665,137.74	2,618,438.85	2,830,159.37	2,731,554.13	\$16,600,967
6	ADJP1	\$0	\$0	\$0	\$0	\$85,710	\$85,710	\$171,419
7	ADJP2	\$62,570	\$62,570	\$62,570	\$62,570	\$0	\$0	\$250,282
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$2,817,196	\$2,813,340	\$2,602,567	\$2,555,868	\$2,744,450	\$2,645,844	\$16,179,266
9	Under/(Over) Recovery	\$108,014	\$99,725	\$320,224	\$371,167	\$196,608	\$393,827	\$1,489,565
10	Cummulative Under/(Over) Recovery	\$108,014	\$207,739	\$527,963	\$899,130	\$1,095,738	\$1,489,565	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx
PrimaryNCP

Semi-Annual TCRF Class Adjustment Calculation for September 2021
Primary NCP

Line	Description	November	December	January	February	March	April	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Net	\$29,840,006	\$29,716,107	\$29,815,324	\$29,858,625	\$30,001,666	\$31,007,622	\$180,239,350
3	Class Allocation Factor	0.65%	0.65%	0.65%	0.65%	0.65%	0.65%	0.65%
4	Class TCRF Not in	\$195,238	\$194,428	\$195,077	\$195,360	\$196,296	\$202,878	\$1,179,277
5	Class TCRF Reve	171,860.42	169,045.95	191,473.98	177,171.67	181,840.03	192,598.55	\$1,083,991
6	ADJP1	\$0	\$0	\$0	\$0	\$19,144	\$19,144	\$38,289
7	ADJP2	\$17,334	\$17,334	\$17,334	\$17,334	\$0	\$0	\$69,338
8	Adjusted Class TC	\$154,526	\$151,711	\$174,139	\$159,837	\$162,696	\$173,454	\$976,364
9	Under/(Over) Rec	\$40,712	\$42,716	\$20,937	\$35,523	\$33,600	\$29,424	\$202,913
10	Cummulative Und	\$40,712	\$83,429	\$104,366	\$139,889	\$173,489	\$202,913	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx
Transmission

Semi-Annual TCRF Class Adjustment Calculation for September 2021
Transmission

Line	Description	November	December	January	February	March	April	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense ⁿ	\$29,840,006	\$29,716,107	\$29,815,324	\$29,858,625	\$30,001,666	\$31,007,622	\$180,239,350
3	Class Allocation	9.31%	9.31%	9.31%	9.31%	9.31%	9.31%	9.31%
4	Class TCRF Not	\$2,777,281	\$2,765,749	\$2,774,984	\$2,779,014	\$2,792,327	\$2,885,954	\$16,775,308
5	Class TCRF Rev	3,279,421.55	2,839,333.12	3,566,110.59	2,891,349.17	2,610,576.33	2,695,625.89	\$17,882,417
6	ADJP1	\$0	\$0	\$0	\$0	\$67,140	\$67,140	\$134,280
7	ADJP2	\$33,527	\$33,527	\$33,527	\$33,527	\$0	\$0	\$134,109
8	Adjusted Class T	\$3,245,894	\$2,805,806	\$3,532,583	\$2,857,822	\$2,543,437	\$2,628,486	\$17,614,028
9	Under/(Over) Re	(\$468,614)	(\$40,057)	(\$757,600)	(\$78,808)	\$248,890	\$257,467	(\$838,720)
10	Cummulative Un	(\$468,614)	(\$508,670)	(\$1,266,270)	(\$1,345,078)	(\$1,096,188)	(\$838,720)	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Inc
 Semi-Annual TCRF Update
 September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx
 Nov-April TCRF Revenue

TARF_DESC	EQTN_CD	EQTN_SHRT_DESC_TX	2020		2021		APR_REVENUE	NOV-APRIL_REVENUE
			NOV_REVENUE	DEC_REVENUE	JAN_REVENUE	FEB_REVENUE		
RESIDENTIAL	ST50	RS-TCRF	13,806,338	14,152,437	16,411,033	14,952,709	10,075,910	8,160,083
SEC GS<=10KW	ST51	GS<10 TCRF	503,576	517,572	526,829	494,349	434,288	451,137
SEC GS>10KW NCP	ST52	GS>10KW NCP TCRF	7,893,379	7,622,404	7,697,414	8,347,914	8,867,776	8,773,449
SEC GS>10KW 4CP	ST53	GS>10-KW 4CP TCRF	934,951	945,459	827,464	767,979	926,221	876,052
PRIMARY SERVICE NCP	ST54	PRI-TX NCP TCRF	171,860	169,046	191,474	177,172	181,840	192,599
PRIMARY SERVICE 4CP	ST55	PRI-TX 4CP TCRF	2,879,767	2,875,910	2,665,138	2,618,439	2,830,159	2,731,554
TRNS SRV	ST56	TRA-TX 4CPTCRF	3,279,422	2,839,333	3,566,111	2,891,349	2,610,576	2,695,626
TOTAL ALL CLASSES			29,469,292.91	29,122,162.00	31,885,462.01	30,249,910.02	25,926,770.49	23,880,500.23
								170,534,098

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx
Sept-Feb Units

Central								
Tariff Description		202009	202010	202011	202012	202101	202102	Sum:
RS		1,142,240,743	874,921,645	729,249,461	729,508,598	820,395,914	746,016,654	5,042,333,015
GS<=10KW		66,423,013	61,352,325	58,195,200	59,006,724	58,966,348	55,105,633	347,369,379
GS>10KW NCP		1,855,810	1,761,260	1,759,633	1,716,628	1,745,237	1,910,369	10,748,938
GS>10KW 4CP		145,617	143,508	144,043	145,736	128,142	114,628	821,673
PS PRIM NCP		35,451	30,606	30,414	29,726	36,211	31,665	194,074
PS PRIM 4CP		371,991	374,724	374,406	375,171	362,209	353,462	2,211,962
TRANS		527,204	491,102	607,815	520,116	687,152	523,248	3,356,637
North								
Tariff Description		202009	202010	202011	202012	202101	202102	Sum:
RS		132,713,524	119,137,301	140,133,904	188,035,792	172,805,581	958,547,155	1,711,373,257
GS<=10KW		14,570,327	13,898,141	15,089,994	16,455,478	15,667,093	93,139,608	168,820,641
GS>10KW NCP		413,189	432,676	401,999	399,818	420,949	2,525,997	4,594,628
GS>10KW 4CP		58,579	62,139	60,405	53,072	52,618	347,699	634,512
PS PRIM NCP		25,912	24,876	24,509	25,286	26,334	147,973	274,890
PS PRIM 4CP		212,072	207,114	205,344	185,530	177,615	1,195,835	2,183,510
TRANS		55,790	54,569	53,385	70,989	61,131	350,828	646,692
AEPTX								
Tariff Description		202009	202010	202011	202012	202101	202102	Sum:
RS		1,274,954,267	994,058,946	869,383,365	917,544,390	993,201,495	1,704,563,809	6,753,706,272
GS<=10KW		80,993,340	75,250,466	73,285,194	75,462,202	74,633,441	148,245,241	527,869,884
GS>10KW NCP		2,268,999	2,193,937	2,161,632	2,116,446	2,166,186	4,436,366	15,343,566
GS>10KW 4CP		204,196	205,647	204,448	198,807	180,759	462,327	1,456,185
PS PRIM NCP		61,363	55,482	54,923	55,013	62,545	179,638	468,964
PS PRIM 4CP		584,062	581,838	579,750	560,701	539,824	1,549,297	4,395,473
TRANS		582,995	545,671	661,201	591,104	748,283	874,076	4,003,329

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx
Sept 2020 TCRF Adj

AEP Texas TCRF Calculation By Class
September 2020 TCRF Update

Semi-Annual Updated Revenue Requirement - (NWTR - BWTR)/2 \$173,104,157

Estimated Revenue By Rate Class						Total TCRF Update September 2020	Type of Billing Determinant	Sept - Feb Determinants	Price Per Unit	TCRF Revenue	ADJP2 One-sixth of Adjustment
Class Description	TCRF Class Allocation %	Semi-Annual TCRF	Central Adjustment	North Adjustment	Adjustment to TCRF						
Residential	47.309%	\$81,893,783	\$9,405,410	\$1,383,483	\$10,788,893	\$92,682,676	kWh	6,000,880,170	\$0.015445	\$92,683,594	\$1,798,149
Secondary Less Than or Equal to 10 kW	1.704%	\$2,949,033	\$64,509	\$35,047	\$99,556	\$3,048,589	kWh	452,188,851	\$0.006742	\$3,048,657	\$16,593
Secondary Greater Than 10 kW											
4CP	3.152%	\$5,455,685	(\$25,640)	(\$52,670)	(\$78,311)	\$5,377,374	Avg 4CP	1,169,371	\$4.598517	\$5,377,374	(\$13,052)
NCP	28.071%	\$48,592,475	\$2,451,210	\$684,252	\$3,135,462	\$51,727,937	Monthly Max kW	13,274,934	\$3.896662	\$51,727,932	\$522,577
Primary Service											
4CP	9.803%	\$16,969,370	\$282,271	\$93,152	\$375,423	\$17,344,792	Avg 4CP	3,407,798	\$5.089737	\$17,344,794	\$62,570
NCP	0.654%	\$1,132,592	\$87,670	\$16,337	\$104,007	\$1,236,599	Monthly Max kW	342,047	\$3.615288	\$1,236,599	\$17,334
Transmission Service											
9.307%	\$16,111,218	\$241,515	(\$40,352)	\$201,163	\$16,312,382	Avg 4CP	3,707,465	\$4.399875	\$16,312,382	\$33,527	
Total		\$173,104,157	\$12,506,944	\$2,119,249	\$14,626,193	\$187,730,350				\$187,731,333	\$2,437,699

Allocation table based on the Docket No. 49494 transmission allocator.

Unadjusted, unscaled, 15-minute 4CP allocator

AEP TX North Division Transmission Credit Settlement*	(\$150,000)
North Division Transmission Sept - Feb Determinants	350,828.20
AEP TX North Division Rider TNTC Credit per 4CP kW	(\$0.43)
*Docket No. 49494 \$300,000 per year or \$150,000 per TCRF update - 4X	

AEP Texas Inc
Semi-Annual TCRF Update
September 2021

AEPTX Septmeber 2021 TCRF Update - Attachment A.xlsx
March 2021 TCRF Adj

AEP Texas TCRF Calculation By Class
March 2021 TCRF Update

Semi-Annual Updated Revenue Requirement - (NWTR - BWTR)/2 \$179,123,266

Estimated Revenue By Rate Class				Total TCRF Update	Type of Billing	March - August	Price	TCRF Revenue	ADJP1
Class Description	TCRF Class Allocation %	Semi-Annual TCRF	Adjustment to TCRF	March 2021	Determinant	Determinants	Per Unit	One-sixth of Adjustment	
Residential	47.309%	\$84,741,361	(\$13,724,409)	\$71,016,952	kWh	6,473,027,772	\$0.010971	\$71,015,588	(\$2,287,401)
Secondary Less Than or Equal to 10 kW	1.704%	\$3,051,575	(\$182,192)	\$2,869,383	kWh	454,770,878	\$0.006310	\$2,869,604	(\$30,365)
Secondary Greater Than 10 kW									
4CP	3.152%	\$5,645,388	\$38,829	\$5,684,217	Avg 4CP	1,175,448	\$4.835789	\$5,684,218	\$6,472
NCP	28.071%	\$50,282,114	\$5,092,850	\$55,374,964	Monthly Max kW	13,033,865	\$4.248545	\$55,374,964	\$848,808
Primary Service									
4CP	9.803%	\$17,559,422	\$514,258	\$18,073,680	Avg 4CP	3,527,564	\$5.123559	\$18,073,681	\$85,710
NCP	0.654%	\$1,171,974	\$114,867	\$1,286,841	Monthly Max kW	365,669	\$3.519146	\$1,286,841	\$19,144
Transmission Service	9.307%	\$16,671,431	\$402,839	\$17,074,270	Avg 4CP	3,678,309	\$4.641880	\$17,074,269	\$67,140
Total		\$179,123,266	(\$7,742,959)	\$171,380,307				\$171,379,164	(\$1,290,493)

Allocation table based on the Docket No. 49494 transmission allocator.
Unadjusted, unscaled, 15-minute 4CP allocator

Central	(\$7,517,135)
North	(\$225,824)

AEP TX North Division Transmission Credit Settlement*	(\$150,000)
North Division Transmission March - Aug Determinants	286,756.30
AEP TX North Division Rider TNTC Credit per 4CP kW	(\$0.52)

*Docket No. 49494 \$300,000 per year or \$150,000 per TCRF update - 4X

AEP TEXAS

TARIFF FOR ELECTRIC DELIVERY SERVICE

Applicable: Certified Service Area

Chapter: 6 Section: 6.1.1

Section Title: Delivery System Charges

Revision: Third Effective Date: September 1, 2021

T

6.1.1.4.1.1 Rider TCRF - Transmission Cost Recovery Factor

Residential	\$0.014748	per kWh	I
Secondary Service Less Than or Equal to 10 kW	\$0.006371	per kWh	I
Secondary Service Greater Than 10 kW			R
	4CP \$4.333569	per Avg.4CP kW	R
	NCP \$3.790005	per kW	R
Primary Service			R
	4CP \$4.547421	per Avg.4CP kW	R
	NCP \$3.065405	per kW	R
Transmission Service	\$4.177598	per Avg.4CP kW	R

NOTICE

This rate schedule is subject to the Company's Tariff and Applicable Legal Authorities

AEP TEXAS

TARIFF FOR ELECTRIC DELIVERY SERVICE

Applicable: Certified Service Area previously served by AEP Texas North Company

Chapter: 6 Section: 6.1.1

Section Title: Delivery System Charges

Revision: Third Effective Date: September 1, 2021

T

6.1.1.4.9 Rider TNTC – Texas North Transmission Credit

APPLICABILITY:

Rider TNTC is applicable to Transmission Voltage Delivery Service customers in the Company's certificated service area previously served by AEP Texas North Company.

EFFECTIVE PERIOD:

Rider TNTC will be applied to the Retail Customer's Retail Electric Provider beginning with the effective date of the rates approved in the Final Order in AEP Texas' base rate case, Docket No. 49494. Rider TNTC will remain in effect for a period of two years or four TCRF rider updates starting with the TCRF rider filed in compliance with the Final Order in Docket No. 49494. The Rider TNTC credit factor will be updated in conjunction with each of the next three subsequent TCRF rider updates based on the North Transmission Class 4CP billing determinant used in the TCRF rider update.

CREDIT AMOUNT:

The credits derived herein are pursuant to the requirements of Final Order in AEP Texas' base rate case in Docket No. 49494. Per the Order, the total annual credit is \$300,000 per year, or \$150,000 per TCRF update, for a period of two years or four TCRF updates included in the effective period after which time the credit will expire.

CREDIT DETERMINATION

\$150,000 / TCRF Transmission Billing Units

CREDIT FACTOR

Rate Schedule	Factor	Unit	
Transmission Service	(\$0.00)	Per Transmission 4CP kW	R

NOTICE:

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

NOTICE

Attached hereto is a copy of the Petition of AEP Texas Inc. (AEP Texas or Company) for Administrative Approval of Transmission Cost Recovery Factor Update filed with the Public Utility Commission of Texas (Commission) on May 28, 2021. The Petition has been assigned Docket No. _____. The requested effective date is September 1, 2021.

An intervention and comment deadline will be established by the Commission. Anyone who wishes to intervene, file comments, or obtain further information regarding this proceeding should contact the Public Utility Commission of Texas, P.O. Box 13326, Austin, Texas 78711-3326 or call the Commission's Office of Consumer Protection at (512)936-7120 or (888)782-8477. Hearing and speech-impaired individuals with the text telephones (TTY) may contact the Commission at (512)936-7136. All communications should refer to Docket No. _____.

AEP Texas may be contacted about this filing by contacting Mr. Steven Beaty, 400 West 15th Street, Suite 1520, Austin, Texas 78701, telephone (512) 481-4550, fax (512) 481-4591, or E-mail: sjbeaty@aep.com.