



Control Number: 50333



Item Number: 46

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DOCKET NO. 50333

**COMMISSION STAFF'S PETITION TO
SET 2020 WHOLESALE
TRANSMISSION SERVICE CHARGES
FOR THE ELECTRIC RELIABILITY
COUNCIL OF TEXAS**

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**PUBLIC UTILITY COMMISSION
OF TEXAS**

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COMMISSION STAFF'S DRAFT TRANSMISSION CHARGE MATRIX

COMES NOW the Staff (Staff) of the Public Utility Commission of Texas (Commission), representing the public interest, and files this Draft Transmission Charge Matrix. In support thereof, Commission Staff shows the following:

I. BACKGROUND

On December 10, 2019, Staff filed a petition to set the wholesale transmission service charges for the Electric Reliability Council of Texas (ERCOT) for 2020. On December 17, 2019, the Commission Administrative Law Judge issued Order No. 1 establishing a procedural schedule. Also on December 11, 2019, ERCOT filed its report on the 2019 "4CP" Coincident Peak Load in the ERCOT Region.

Order No. 1 included an intervention deadline of January 13, 2020. In addition to ERCOT, the following parties filed motions to intervene in this proceeding: Floresville Electric Light and Power System; Fayette Electric Cooperative, Inc.; City of Robstown Utility Systems; CenterPoint Energy Houston Electric, LLC; Texas-New Mexico Power Company; Greenville Electric Utility System; Brazos Electric Power Cooperative, Inc.; City of Garland d/b/a Garland Power & Light; Electric Transmission Texas, LLC; AEP Texas Inc.; Lower Colorado River Authority Transmission Services Corporation; Public Utilities Board of the City of Brownsville, Texas; South Texas Electric Cooperative, Inc.; City of Austin d/b/a Austin Energy; Texas Municipal Power Agency (TMPA); Wind Energy Transmission Texas, LLC; Oncor Electric Delivery Company LLC; City of Weatherford; Sharyland Utilities, L.P.; Lone Star Transmission, LLC; Bandera Electric Cooperative, Inc.; Golden Spread Electric Cooperative, Inc.; City of Bryan d/b/a Bryan Texas Utilities; Rayburn Country Electric Cooperative, Inc.; Lamar County Electric Cooperative Association; Denton Municipal Electric; the "East Texas Cooperatives" collectively, consisting of Cherokee County Electric Cooperative Association, Deep East Texas Electric Cooperative, Inc., Houston County Electric Cooperative, Inc., Jasper-Newton Electric Cooperative, Inc., Rusk County Electric Cooperative, Inc., Sam Houston Electric Cooperative, Inc., Wood County Electric

Cooperative, Inc., and East Texas Electric Cooperative, Inc.; Guadalupe Valley Electric Cooperative, Inc.; Kerrville Public Utility Board; and CPS Energy. Order No. 1 established that if material objections to the 4CP data or proposed changes to the load aggregation used in Docket No. 48928 were raised, an alternative procedural schedule would be applied. On January 10, 2020, Rayburn Country Electric Cooperative, Inc. and Golden Spread Electric Cooperative filed a notice of change to load aggregation. On February 4, 2020, the ALJ issued Order No. 8 implementing an alternative procedural schedule that requires Commission Staff to file the draft transmission charge matrix on or before January 24, 2019. Therefore, this pleading is timely filed on January 24, 2019.

II. DRAFT TRANSMISSION CHARGE MATRIX

The draft transmission charge matrix is included herein as Attachments A, B, C, and D. A Microsoft Excel version of the draft matrix has been uploaded as well. The draft matrix is based on ERCOT's revised report, filed on January 29, 2020.

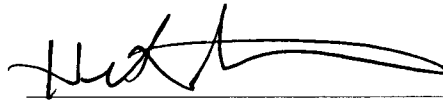
Pursuant to the procedural schedule established by Order No. 8, initial comments on the draft matrix are due by February 18, 2020 and reply comments are due by March 3, 2020. After incorporating any comments as appropriate, Commission Staff will file the final transmission charge matrix and recommendation by March 10, 2020 in accordance with the procedural schedule established by Order No. 8.

Dated: February 11, 2020

Respectfully Submitted,

**PUBLIC UTILITY COMMISSION OF TEXAS
LEGAL DIVISION**

Thomas S. Hunter
Division Director



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CERTIFICATE OF SERVICE

I certify that a copy of this document will be served on all parties of record on February 11, 2020,
in accordance with 16 TAC § 22.74.



Heath D. Armstrong

Public Utility Commission of Texas
Docket No. 50333
2020 Net Wholesale Trans. Matrix Charges for ERCOT
Parameters

Draft

			From ERCOT Filing		
Transmission Owners/Load Entities		TCOS	From	Annual	2018
			Docket No.	Access Fee (\$/KW) *	Average 4CP (KW)
AEP Texas Central (Formerly CPL)	AEP-TCC	\$280,015,561	49192	\$4 036612	5,019,420 838
AEP Texas North (Formerly WTU)	AEP-TNC	\$143,357,310	49192	\$2 066591	1,138,438 259
Austin Energy	AENX	\$79,867,536	48352	\$1 187214	2,641,549 105
Bandera Electric Coop	BAND	\$2,839,686	39891	\$0 046272	145,686 517
Bartlett, City of	BART				2,580 350
Bastrop, City of	BAST				16,613 276
Bellville, City of	BELV				12,823 591
Bluebonnet Electric Coop	BLUE	\$1,332,751	47031	See 'Note'	476,375 464
Boerne, City of	BOER				33,840 698
Brady, City of	BRADY				12,729 837
Brazos Electric Coop	BEPC	\$118,506,023	44754	\$1 860941	3,432,770 781
Brenham, City of	BRNM				57,959 991
Bridgeport, City of	BRDG				12,901 835
Brownsville Public Utilities Board	BPUB	\$5,903,258	38556	\$0 097000	268,396 272
Bryan Texas Utilities	BRYN	\$29,719,831	48123	\$0 441779	364,874 083
Burnet, City of	BRNT				18,731 681
CenterPoint Energy Houston Electric	CNP	\$388,968,021	48708	\$5 781925	17,922,833 430
Central Texas Electric Coop	CTEC	\$493,548	40029	See 'Note'	139,983 097
Cherokee County Electric Coop	CCECA	\$288,754	36668	\$0 005010	
Coleman, City of	COLE				8,581 379
College Station, City of	COCS	\$3,744,319	46847	\$0 055256	203,806 153
Cross Texas Transmission, LLC	CTT	\$74,488,119	48369	\$1 107250	
Cuero, City of	CUER				21,089 583
Deaf Smith Electric Cooperative Inc	DSEC				
Deep East Texas Electric Coop	DETEC	\$98,838	36762	\$0 001710	
Denton Municipal Electric	DMEX	\$47,392,925	48963	\$0 704486	332,848 825
East Texas Electric Coop	ETEC	\$73,207	15843	\$0 001606	
Electric Transmission Texas	ETT	\$304,470,645	48340	\$4 525890	
Fannin Electric Coop	FANN	\$152,039	50218	\$0 002192	
Farmers Electric Coop	FECX	\$670,182	47470	\$0 009901	
Farmersville, City of	COFV				6,990 307
Fayette Electric Coop	FAYT	\$22,014	22533	See 'Note'	64,256 114
Flatonia, City of	FLAT				5,730 465
Floresville Electric Power System	FEPS	\$260,322	21643	\$0 005711	85,407 921
Fredericksburg, City of	FRED				32,825 623
Garland Power and Light	GARL	\$51,631,446	48802	\$0 767490	434,430 887
Georgetown, City of	GTWN				149,563 008
GEUS (Formerly Greenville)	GEUS	\$2,350,995	42581	\$0 036030	104,734 943
Giddings, City of	GIDN				12,545 456
Golden Spread Electric Coop	GSEC	\$2,371,389	48500	\$0 035250	296,988 109
Goldsmith, City of	GLDSM				1,446 448
Goldthwaite, City of	GLDW				5,132 334
Gonzales, City of	GONZ				18,203 468
Granbury Municipal Utilities	GRBX				27,305 860
Grayson-Collin Electric Coop	GCEC	\$1,254,048	36984	\$0 020964	
Greenbelt Electric Coop	GBEC				
Guadalupe Valley Electric Coop	GVEC	\$14,242,175	48840	See 'Note'	414,436 277
Hallettsville, City of	HLTS				8,962 317
Hamilton County Electric Coop	HAMC				37,172 529
Hearne, City of	HERN				10,566 588
Hempstead, City of	HEMP				12,423 396
Houston County Electric Coop	HCEC	\$173,378	15583	\$0 003803	
Kerrville Public Utility Board	KPUB	\$21,787	22533	See 'Note'	107,917 971
LaGrange Utilities	LGRG				15,612 194

Public Utility Commission of Texas

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Docket No. 50333

2020 Net Wholesale Trans. Matrix Charges for ERCOT

Parameters

From ERCOT Filing

		From	Annual	2018	
Transmission Owners/Load Entities		TCOS	Docket No.	Access Fee (\$/KW) *	Average 4CP (KW)
Lamar County Electric Coop	LCEC	\$79,417	18604	\$0 001644	47,067 139
Lampasas, City of	LMPS				23,714 256
Lexington, City of	LXGN				2,745 071
Lighthouse Electric Coop	LHEC				
Llano, City of	LLAN				10,476 773
Lockhart, City of	LKHT				27,015 666
Lone Star Transmission	LST	\$95,161,226	42469 & 48101	\$1 459731	
Lower Colorado River Authority	LCRA	\$437,799,747	49812	\$6 744198	
Luling, City of	LULG				12,639 417
Lyntegar Electric Coop	LYEC	\$788,374	49943	\$0 011365	
Magic Valley Electric Coop	MVEC				
Mason, City of	MASN				5,471 563
Medina Electric Coop	MECX				
Moulton, City of	MULT				2,250 815
New Braunfels Utilities	NWBU	\$1,666 838	47129	See 'Note'	297,072 442
Oncor Electric Delivery	ONC	\$967,272,505	49793	\$13 943880	25,366,027 120
Pedernales Electric Coop - AEP	PECX1				5,703 328
Pedernales Electric Coop	PECX2	\$12,224,947	49584	See 'Note'	1,481,606 225
Rayburn Country	RCEC	\$4,394,557	48952 & 49921	\$0 067345	894,114 670
Rio Grande Electric Coop	RGEC	\$248,265	31250	\$0 004430	
Rio Grande Electric Coop 1	RGEC1				73,464 006
Robstown Utility System, City of	CORUS				20,806 915
San Antonio City Public Service	SA-CPST	\$169,460,706	42579	\$2 597091	4,717,012 213
San Bernard Electric Coop	SBEC	\$2,423,408	44897	\$0 038056	146,257 385
Sanger, City of	SANG				13,462 782
San Marcos, City of	SANM				126,526 436
San Miguel Electric Coop	SMEC	\$1,422,163	49900	\$0 020501	
San Saba, City of	SNSB				9,022 433
Schulenburg, City of	SCHL				13,495 039
Seguin, City of	SEGN				65,255 721
Seymour, City of	SEYM				6,823 255
Sharyland Utilties (TDSP)	SHRY	\$251,937,989	48416	\$3 745003	
Sharyland Utilties - (McAllen)	SHRY-MCAL				
Shiner, City of	SHNR				9,827 963
Smithville, City of	SMTH				9,851 668
South Texas Electric Coop	STEC	\$85,707 822	50174	\$1 235536	1,357,972 842
Southwest Rural Electric Association INC (EDSP)	SWREA				522 013
Southwest Texas Electric Coop	SWTE	\$65,961	50201	\$0 000951	
Taylor Electric Coop	TECX	\$0	49853	\$0 000000	
Texas Municipal Power Agency	TMPA	\$38,237,097	37404	\$0 663267	
Texas-New Mexico Power Company	TNMP	\$73,389,114	49785	\$1 057953	1,856,812 511
Tex-La Electric Coop	TXLA				116,353 411
Trinity Valley Electric Coop	TVEC	\$720,727	48828	\$0 010713	
Waelder, City of	Wael				4,581 296
Wood County Electric Coop	WCEC	\$158,676	39290	\$0 002586	
Weatherford, City of	WEAT				90,860 039
Weimer, City of	WEIM				7,802 418
Western Farmers Electric Coop	WFEC				750 875
Wind Energy Transmission Texas, LLC	WETT	\$105,569,554	44746 & 48127	\$1 665898	
Yoakum, City of	YOKM				20,019 439
TOTAL		\$ 3,803,439,200		\$56.071031	70,980,872.4
Total ERCOT Postage Stamp Rate \$/KW		\$56.071031			
Hourly On-Peak Rate for the Delivery of Power to be Exported \$/KW-hour**				\$0.019202	
Hourly Off-Peak Rate for the Delivery of Power to be Exported \$/KW-hour**				\$0.006401	
* The charges shown in this matrix only represent charges based upon the approved TCOS Access Fee in effect at the time the Net Payment Matrix is developed. TCOS Access Fee(s) approved after this date, and any Rate Case Expense Surcharge(s) or other charges or credits, shall be obtained from the Commission approved Final Order in the corresponding Docket.					
** Aggregate charges for the use of the ERCOT transmission system in delivering power to be expored from ERCOT as specified in §25.192(e).					

Public Utility Commission of Texas

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Docket No. 50333

2020 Net Wholesale Trans. Matrix Charges for ERCOT

Load Aggregation Per ERCOT 2002 Filing (Docket No. 25002) Adjusted

TDSP to combine to make Lodestar match Planning List.		TDSP Code
BEPC		3,432,770.8
BRAZOS ELECTRIC POWER CO OP INC(TDSP)	23	243 730
BARTLETT ELECTRIC CO OP INC	19	46,738.034
CITY OF WHITESBORO	59	8,608.055
COMANCHE ELECTRIC CO OP ASSOCIATION	62	58,750.114
COOKE COUNTY ELECTRIC CO OP ASSOC INC	64	81,938 708
DENTON COUNTY ELEC CO OP DBA COSERVE ELEC	67	1,386,739.818
FORT BELKNAP ELECTRIC CO OP INC (TDSP)	72	21,894.502
HAMILTON COUNTY ELECTRIC CO OP (BRAZOS)	76	17,286.772
HEART OF TEXAS ELECTRIC CO OP	172	95,096.983
HILCO ELECTRIC CO OP INC (TDSP)	77	131,944.885
J A C ELECTRIC CO OP INC	79	18,303.581
MID SOUTH ELECTRIC CO OP ASSOC	88	54,894.111
NAVARRO COUNTY ELECTRIC CO OP INC	89	96,543.111
NAVASOTA VALLEY ELECTRIC CO OP INC	90	71,515.207
SOUTH PLAINS ELECTRIC CO OP INC (TDSP)	96	82,956.035
TRI COUNTY ELECTRIC CO OP INC	99	677,929.104
UNITED ELECTRIC CO OP SERVICES INC	102	451,650 880
WISE ELECTRIC CO OP	103	129,737.151
BRYN		364,874.1
CITY OF BOWIE (TDSP)	110	14,982.503
BRYAN TEXAS UTILITIES (TDSP)*	105	349,891.580
GSEC		296,988.1
BIG COUNTRY ELECTRIC CO OP INC (TDSP)	21	33,256.109
COLEMAN COUNTY ELECTRIC CO OP INC (TDSP)	61	31,074.092
CONCHO VALLEY ELECTRIC CO OP INC	63	74,197.958
DEAF SMITH ELECTRIC CO OP	198	-
GREENBELT ELECTRIC CO OP	196	273.878
LIGHTHOUSE ELECTRIC CO OP	83	3,581.029
LYNTEGAR ELECTRIC CO OP INC (TDSP)	85	35,133.959
SOUTHWEST TEXAS ELECTRIC CO OP INC (TDSP)	97	46,840 664
SWISHER ELECTRIC COOPERATIVE INC (EDSP)	201	26.421
TAYLOR ELECTRIC CO OP INC ABILENE (TDSP)	146	72,603.999
RCEC		894,114.7
FANNIN COUNTY ELECTRIC CO OP INC	69	36,926.318
FARMERS ELECTRIC CO OP INC DBA FEC ELECTRIC	70	279,661.333
FARMERS ELECTRIC CO OP INC DBA FEC ELECTRIC - NPL	202	10,474 312
FARMERS ELECTRIC CO OP INC ARCO (TDSP)	205	2,532.301
FARMERS ELECTRIC CO OP INC PRTN RC (TDSP)	207	1,381.971
GRAYSON-COLLIN ELECTRIC CO OP INC	74	270,333.641
GRAYSON COLLIN ELECTRIC CO OP INC (TDSP)	177	7,424.360
TRINITY VALLEY ELECTRIC CO OP	100	285,276.405
TRINITY VALLEY ELECTRIC CO OP (TDSP)	176	104.029

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Docket No. 50333

2020 Net Wholesale Trans. Matrix Charges for ERCOT

Load Aggregation Per ERCOT 2002 Filing (Docket No. 25002) Adjusted

TDSP to combine to make Lodestar match Planning List.	TDSP Code
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STEC		1,357,972.8
SOUTH TEXAS ELECTRIC CO OP INC	134	278.774
JACKSON ELECTRICAL CO OP INC	126	85,195.780
KARNES ELECTRIC CO OP INC	127	173,407.635
NUECES ELECTRIC CO OP INC PILOT TDSP	158	155,834.719
SAN MIGUEL ELECTRIC CO OP INC (TDSP)	131	-
SAN PATRICIO ELECTRIC CO OP	132	47,818.206
VICTORIA ELECTRIC CO OP INC	136	109,911.756
WHARTON COUNTY ELECTRIC CO OP INC	138	37,134.551
MAGIC VALLEY ELECTRIC CO OP INC (TDSP)	86	526,637.089
MEDINA ELECTRIC CO OP INC (TDSP) STEC	128	221,754.332

TXLA		116,353.4
RUSK COUNTY ELECTRIC COOPERATIVE INC AEP (EDSP)	204	5,853.451
DEEP EAST TEXAS ELECTRIC CO OP INC	66	13,488.780
HOUSTON COUNTY ELECTRIC CO OP INC	155	
HOUSTON COUNTY ELECTRIC CO OP (TDSP)	78	23,389.084
JASPER-NEWTON ELECTRIC CO OP INC	80	1,282.124
SAM HOUSTON ELECTRIC CO OP INC (TDSP)	94	4,773.099
CHEROKEE COUNTY ELEC CO OP ASSOC	107	64,474.628
CHEROKEE COUNTY ELEC CO OP ASSOC (CORAL POWER AS QS	171	
WOOD COUNTY ELEC CO OP	168	3,092.245

LAMR		47,067.14
LAMAR COUNTY ELEC COOP DBA LEC (TDSP)	82	46,743.86
LAMAR COUNTY ELEC COOP DBA LEC RC HOUPL (TDSP)	182	323.28

REVISED 2019 Four Coincident Peak Load Calculation (MW)

NOTE Numbers for the entities listed below have changed from the original ERCOT 4CP Report as requested in Docket Number 50333 See 2nd tab for revision details

AEP TEXAS CENTRAL COMPANY (TDSP) LAMAR COUNTY ELEC COOP DBA LEC (TDSP) ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP) and TRINITY VALLEY ELEC CO OP (TDSP)

TDSP Code	Load Entity Name	DUNS NUMBER	June 6/18/2019 17:00	July 7/30/2019 16:30	August 8/12/2019 17:00	September 9/04/2019 16:45	Average 4CP Load	Load Ratio Share
5	AEP TEXAS CENTRAL COMPANY (TDSP)	007924772	5,084 274062	5,052 686554	5,275 781788	4,664 940948	5,019 420838	7.07151%
7	AEP TEXAS NORTH COMPANY (TDSP)	007923311	1,071 614538	1,152 675792	1,236 337344	1,093 125364	1,138 438259	1.60387%
18	BANDERA ELECTRIC CO OP INC (TDSP)	0059451494000	144 774476	146 492680	156 287704	135 191208	145 686517	0.20525%
19	BARTLETT ELECTRIC CO OP INC (TDSP)	002781813	43 498808	47 178468	49 829460	46 445400	46 738034	0.06585%
21	BIG COUNTRY ELECTRIC CO OP INC (TDSP)	0058630484000	30 172500	36 621520	33 289540	32 940876	33 256109	0.04665%
22	BLUEBONNET ELECTRIC CO OP INC (TDSP)	0524834354000	444 183832	479 254036	505 411348	476 652640	476 375464	0.67113%
23	BRAZOS ELECTRIC POWER CO OP INC (TDSP)	0037722904000	-	-	-	0 9749	0 243730	0.00034%
104	BROWNSVILLE PUBLIC UTILITIES BOARD (TDSP)	6063470374000	270 373604	268 199656	278 013080	256 998748	268 396272	0.37812%
105	BRYAN TEXAS UTILITIES (TDSP)	0793907794000	328 578920	357 611052	366 242484	347 133864	349 891580	0.49294%
1	CENTERPOINT ENERGY HOUSTON ELECTRIC LLC (TDSP)	957877905	18,015 709056	17,520 291480	18,615 756152	17,539 577032	17,922 833430	25.25023%
25	CENTRAL TEXAS ELECTRIC CO OP INC (TDSP)	0079302744000	127 602908	133 860864	142 780668	127 316432	132 890218	0.18722%
209	CENTRAL TEXAS ELECTRIC COOPERATIVE - NORTH (TDSP)	0079302744100	6 129856	7 846748	7 891564	6 503348	7 092879	0.00999%
107	CHEROKEE COUNTY ELEC CO OP ASSOC (TDSP)	008862625	65 754372	63 988076	62 737600	65 418464	64 474628	0.09083%
108	CITY OF AUSTIN DBA AUSTIN ENERGY (TDSP)	8008717664000	2,544 433148	2,622 019780	2,777 980192	2,621 763300	2,641 549105	3.72149%
109	CITY OF BARTLETT (TDSP)	074618935	2 405956	2 611052	2 734520	2 569872	2 580350	0.00364%
26	CITY OF BASTROP (TDSP)	00851553724000	16 049744	16 510832	17 584832	16 307696	16 613276	0.02341%
27	CITY OF BELLVILLE (TDSP)	0935648704000	12 007700	13 050368	13 723736	12 512560	12 823591	0.01807%
28	CITY OF BOERNE (TDSP)	0052470694000	32 433180	33 855080	36 241924	32 832608	33 840698	0.04768%
110	CITY OF BOWIE (TDSP)	8094182964000	13 008456	15 217544	16 447924	15 256088	14 982503	0.02111%
111	CITY OF BRADY (TDSP)	070804877	13 805440	13 213288	10 855140	12 846440	12 729837	0.01793%
29	CITY OF BRENHAM (TDSP)	0741649224000	55 848524	57 637856	60 236464	58 117120	57 959991	0.08166%
30	CITY OF BRIDGEPORT MUN ELEC SYS (TDSP)	0842801714000	11 744312	12 932876	14 162360	12 767792	12 901835	0.01818%
31	CITY OF BURNET (TDSP)	0746121514000	17 774972	19 202784	19 466180	18 482788	18 731681	0.02639%
113	CITY OF COLEMAN (TDSP)	1024920064000	8 136852	8 450020	9 319240	8 419404	8 581379	0.01209%
114	CITY OF COLLEGE STATION (TDSP)	0403303004000	191 621612	202 930488	211 341696	209 330816	203 806153	0.28713%
32	CITY OF CUERO (TDSP)	0526842144000	20 033472	21 524016	22 164376	20 636468	21 089583	0.02971%
115	CITY OF FARMERSVILLE (TDSP)	1903494984000	5 912480	7 131308	7 660700	7 256740	6 990307	0.00985%
33	CITY OF FLATONIA (TDSP)	0626890134000	5 473460	5 705028	6 077328	5 666044	5 730465	0.00807%
116	CITY OF FLORESVILLE DBA FLORESVILLE ELEC LIGHT AND PWR (TDSP)	008948374	83 864244	83 814396	91 313764	82 639280	85 407921	0.12033%
34	CITY OF FREDERICKSBURG (TDSP)	0769243074000	32 373888	33 074824	34 492120	31 361660	32 825623	0.04625%
117	CITY OF GARLAND (TDSP)	6011012564000	40 388036	456 297580	454 430176	416 607756	434 430887	6.12044%
35	CITY OF GEORGETOWN (TDSP)	0895923724000	142 165220	151 545448	157 537744	147 003620	149 563008	0.21071%
36	CITY OF GIDDINGS (TDSP)	0096899514000	12 183908	12 811052	13 239312	11 947552	12 545456	0.01767%
118	CITY OF GOLDSMITH (TDSP)	0888946704000	1 393004	1 393080	1 614020	1 380388	1 446448	0.00204%
37	CITY OF GOLDTHWAITE (TDSP)	1558252764000	4 986928	5 176456	5 621964	4 743988	5 132334	0.00723%
38	CITY OF GONZALES (TDSP)	0937385404000	17 227232	18 187332	19 623316	17 775992	18 203468	0.02565%
39	CITY OF HALLETTSVILLE (TDSP)	0090811834000	8 438576	8 939716	9 551224	8 919752	8 962317	0.01263%
119	CITY OF HEARNE MUNICIPAL ELECTRIC SYSTEM (TDSP)	0897458894000	9 957708	10 614420	11 010884	10 683340	10 566588	0.01489%
40	CITY OF HEMPSTEAD (TDSP)	1272175604000	11 595020	12 740224	12 907256	12 451084	12 423396	0.01750%
41	CITY OF LA GRANGE (TDSP)	0607085184000	14 432700	15 799360	16 590240	15 626476	15 612194	0.02199%
42	CITY OF LAMPASAS (TDSP)	0203311204000	22 820952	23 959800	25 723332	22 352940	23 714256	0.03341%
43	CITY OF LEXINGTON (TDSP)	0081817324000	2 476828	2 685144	3 084576	2 733736	2 745071	0.00387%
44	CITY OF LLANO (TDSP)	0916952054000	10 195368	10 711804	11 185280	9 814640	10 476773	0.01476%
45	CITY OF LOCKHART (TDSP)	0746168634000	25 316864	26 163160	28 893292	27 689348	27 015666	0.03806%
46	CITY OF LULING (TDSP)	0105539984000	11 967372	12 715544	13 556848	12 317904	12 639417	0.01781%
47	CITY OF MASON (TDSP)	1561267084000	5 226868	5 555708	6 005940	5 097736	5 471563	0.00771%
48	CITY OF MOULTON (TDSP)	0091871544000	2 134732	2 246936	2 380296	2 241296	2 250815	0.00317%
121	CITY OF ROBSTOWN UTILITY SYSTEM (TDSP)	9387911424000	20 389428	21 169928	21 937372	19 730932	20 806915	0.02931%
49	CITY OF SAN MARCOS (TDSP)	0694628694000	122 689400	123 748654	130 761664	128 906016	126 526436	0.17825%
50	CITY OF SAN SABA (TDSP)	0248592254000	8 859004	8 941060	9 794516	8 495152	9 022433	0.01271%
51	CITY OF SANGER	058956020	12 192876	13 667232	14 692936	13 298084	13 462782	0.01897%
52	CITY OF SCHULENBURG (TDSP)	0532950364000	12 758032	13 670700	14 263004	13 288420	13 495039	0.01901%
53	CITY OF SEGUIN (TDSP)	0862819794000	63 880288	64 667668	68 612952	63 861976	65 255721	0.09193%
54	CITY OF SEYMOUR (TDSP)	166319145	5 790596	6 813216	7 795416	6 893792	6 823255	0.00961%
55	CITY OF SHINER (TDSP)	1504533714000	10 037796	9 834168	10 429536	9 010352	9 827963	0.01385%
56	CITY OF SMITHVILLE (TDSP)	0916978134000	9 313812	9 704632	10 379704	10 008524	9 851668	0.01388%
57	CITY OF WAELDER (TDSP)	0541779694000	4 522416	4 515492	4 816224	4 471052	4 581296	0.00645%
58	CITY OF WEIMAR (TDSP)	0214974584000	7 566392	7 948984	8 213228	7 481068	7 802418	0.01099%
59	CITY OF WHITESBORO (TDSP)	134546522	7 544088	8 812304	9 468784	8 607044	8 608055	0.01213%
60	CITY OF YOAKUM (TDSP)	0694557724000	19 916476	20 051464	21 027348	19 082468	20 019439	0.02820%
61	COLEMAN COUNTY ELECTRIC CO OP INC (TDSP)	0079246734000	29 114760	29 831612	33 959988	31 390008	31 074092	0.04378%
62	COMANCHE ELECTRIC CO OP ASSOCIATION (TDSP)	002889210	48 406312	61 903068	65 086960	59 604116	58 750114	0.08277%
63	CONCHO VALLEY ELECTRIC CO OP INC (TDSP)	0038666624000	72 103508	69 238156	82 177632	73 272536	74 197958	0.10453%
64	COOKE COUNTY ELECTRIC CO OP ASSOC INC (TDSP)	008951808	72 390748	83 984812	89 089740	82 289532	81 938708	0.11544%
122	CPS ENERGY (TDSP)	0079360734000	4,619 646464	4,725 598228	4,995 485384	4,527 318776	4,717 012213	6.64547%
198	DEAF SMITH ELECTRIC COOPERATIVE INC (EDSP)	0079307464999	-	-	-	-	0 000000	0.00000%
66	DEEP EAST TEXAS ELECTRIC CO OP INC (TDSP)	047845623	12 463160	11 809956	14 847212	14 834792	13 488780	0.01900%
67	DENTON COUNTY ELEC CO OP DBA COSERVE ELEC (TDSP)	008947913	1,193 166004	1,443 585288	1,522 547428	1,387 660552	1,386 739818	1.95368%
123	DENTON MUNICIPAL ELECTRIC (TDSP)	0713801904000	306 853248	335 392328	358 864940	330 284784	332 848825	0.46893%
193	ENTERGY TEXAS INC (EDSP)	8012610534999	-	-	-	-	0 000000	0.00000%
69	FANNIN COUNTY ELECTRIC CO OP INC	0018220894000	29 030472	37 366620	41 870788	39 437392	36 926318	0.05202%
705	FARMERS ELECTRIC CO OP INC ARCO (TDSP)	0098442344200	4 1921	1 4646	3 212040	1 260464	2 532301	0.00357%
20	FARMERS ELECTRIC CO OP INC DBA FEC ELECTRIC	0098442344000	244 209088	289 460456	304 582508	280 393280	279 661333	0.38400%
202	FARMERS ELECTRIC CO OP INC NPL (TDSP)	0098442344100	10 887952	10 852192	11 142144	9 014960	10 474312	0.01476%
207	FARMERS ELECTRIC CO OP INC PRIN RC (TDSP)	0098442344300	1 2234	1 468716	1 448888	1 386916	1 381971	0.00195%
71	FAYETTE ELECTRIC CO OP INC (TDSP)	0593309774000	60 423544	64 904012	68 064580	63 632320	64 256114	0.09053%
72	FORT BELKNAP ELECTRIC CO OP INC (TDSP)	007935299	18 902144	23 147032	23 511616	22 017216	21 894502	0.03085%
125	GEUS (TDSP)	8062449354000	94 588956	108 500908	112 807760	103 042148	104 734943	0.14755%
73	GRANBURY MUNICIPAL UTILITIES (TDSP)	0952141694000	24 777384	28 908336	29 271292	26 266428	27 305860	0.03847%
177	GRAYSON COLLIN ELECTRIC CO OP INC (AEP AS QSE)	0089538124000	12 478332	10 729796	6 366936	0 122376	7 424360	0.01046%
74	GRAYSON COLLIN ELECTRIC CO OP INC (TDSP)	008953812	217 512424	279 953396	301 500592	282 368152	270 333641	0.38085%
196	GREENBELT ELECTRIC COOPERATIVE INC (EDSP)	0098338564999	1 0955	-	-	-	0 273878	0.00039%
75	GUADALUPE VALLEY ELECTRIC CO OP INC (TDSP)	0079305894000	401 869236	408 901056	439 963580	407 011236	414 436277	0.58387%
76	HAMILTON COUNTY ELECTRIC CO OP (BRAZOS) (TDSP)	008949216	16 637776	15 951904	18 937560	17 619848	17 286772	0.02435%
142	HAMILTON COUNTY ELECTRIC CO OP (LCRA) (TDSP)	0089492164100	34 722832	37 139908	40 285580	36 541796	37 172529	0.05237%
172	HEART OF TEXAS ELECTRIC COOPERATIVE INC (DSP)	012074558	91 110724	90 288388	103 446048	95 542772	95 096983	0.13398%
77	HILCO ELECTRIC CO OP INC (TDSP)	008950545	118 251376	136 037100	141 554592	131 936472	131 944885	0.18589%
78	HOUSTON COUNTY ELEC COOP INC (TDSP)	005777206	22 018628	23 029980	24 442188	24 065540	23 389084	0.03295%

79	J A C ELECTRIC CO OP INC (TDSP)	003890795	16 382724	18 194876	20 018956	18 617768	18 303581	0.02579%
126	JACKSON ELECTRIC CO OP INC (TDSP)	078423555	83 700576	85 552424	88 058580	83 471540	85 195780	0.12003%
80	JASPER NEWTON ELECTRIC CO OP INC (TDSP)	007933518	1 374084	0 938020	1 457540	1 358852	1 282124	0.00181%
127	KARNES ELECTRIC CO OP INC (TDSP)	006824106	171 948948	175 258456	181 416748	165 006388	173 407635	0.24430%
81	KERRVILLE PUBLIC UTILITY BOARD (TDSP)	1248248064000	106 443468	109 072588	114 401852	101 753976	107 917971	0.15204%
82	LAMAR COUNTY ELEC COOP DBA LEC (TDSP)	0048060974000	39 653364	47 248765	52 098265	47 975030	46 743856	0.06585%
182	LAMAR COUNTY ELEC COOP DBA LEC RC HOUPL (TDSP)	0048060974100	0 081556	0 089756	0 085712	1 036108	0 323283	0.00046%
83	LIGHTHOUSE ELECTRIC CO OP (TDSP)	0028252894000	1 940740	4 323660	4 261932	3 797784	3 581029	0.00505%
85	LYNTEGAR ELECTRIC CO OP INC (TDSP)	0079371474000	24 392896	40 972896	39 237284	35 932760	35 133959	0.04950%
86	MAGIC VALLEY ELECTRIC CO OP INC (TDSP)	008951501	540 495252	528 969540	562 164664	474 918900	526 637089	0.74194%
128	MEDINA ELECTRIC CO OP INC (TDSP) STEC	0081378124000	224 021416	217 503472	230 601664	214 890776	221 754332	0.31241%
88	MID SOUTH ELECTRIC CO OP ASSOC	061278594	51 957408	55 104968	56 999776	55 514292	54 894111	0.07724%
89	NAVARRO COUNTY ELECTRIC CO OP INC (TDSP)	006770101	88 870128	101 571516	98 961064	96 769736	96 543111	0.13601%
90	NAVASOTA VALLEY ELECTRIC CO OP INC (TDSP)	046299913	65 948332	69 899596	74 880452	75 332448	71 515207	0.10075%
91	NEW BRAUNFELS UTILITIES (TDSP)	0383461694000	286 422508	306 547144	302 616240	292 703876	297 072442	0.18520%
158	NUECES ELECTRIC COOP INC (TDSP)	0068288574800	147 909284	159 322816	166 098340	150 008436	155 834719	0.21954%
2	ONCOR ELECTRIC DELIVERY COMPANY LLC (TDSP)	1039940674000	23,696 056578	25,869 839398	26,994 220556	24,903 991948	25,366 027120	35.73643%
145	PEDERNALES ELEC CO OP INC AEP (TDSP)	0079241114100	5 018572	5 851496	6 301756	5 641488	5 703328	0.00804%
210	PEDERNALES ELEC CO OP INC DCP (TDSP)	0079241114400	3 422896	3 796280	3 983376	4 464604	3 916789	0.00552%
92	PEDERNALES ELECTRIC CO OP INC (TDSP)	0079241114000	1,406 379672	1,465 660876	1,587 954020	1,450 763176	1,477 689436	2.08181%
199	RIO GRANDE ELECTRIC COOPERATIVE INC (TDSP) 2C	0027819534200	69 784244	74 786220	77 019656	72 265904	73 464006	0.10350%
204	RUSK COUNTY ELECTRIC COOPERATIVE INC AEP (EDSP)	0098444404991	2 101096	3 821368	9 248864	8 242476	5 853451	0.00825%
203	RUSK COUNTY ELECTRIC COOPERATIVE INC TSK (EDSP)	0098444404999	-	-	-	-	0 000000	0.00000%
94	SAM HOUSTON ELECTRIC CO OP INC (TDSP)	056267867	4 909120	3 592484	5 383492	5 207300	4 773099	0.00672%
95	SAN BERNARD ELECTRIC CO OP (TDSP)	0089453134000	138 008956	147 511044	154 137392	145 372148	146 257385	0.20605%
131	SAN MIGUEL ELECTRIC CO OP INC (TDSP)	0884848524000	-	-	-	-	0 000000	0.00000%
132	SAN PATRICIO ELECTRIC CO OP (TDSP)	003864907	46 648764	50 653936	50 958304	43 011820	47 818206	0.06737%
96	SOUTH PLAINS ELECTRIC CO OP INC (TDSP)	007934185	81 723192	81 274444	86 306480	82 520024	82 956035	0.11687%
134	SOUTH TEXAS ELECTRIC CO OP INC (TDSP)	0038663324000	0 9787	-	-	0 1364	0 278774	0.00039%
200	SOUTHWEST RURAL ELECTRIC ASSOCIATION INC (EDSP)	0079071734999	1 7571	-	0 3309	-	0 522013	0.00074%
97	SOUTHWEST TEXAS ELECTRIC CO OP INC (TDSP)	0084158954000	44 174880	48 253852	47 944768	46 989156	46 840664	0.06599%
201	SWISHER ELECTRIC COOPERATIVE INC (EDSP)	0098337734999	0 1057	-	-	-	0 026421	0.00004%
146	TAYLOR ELECTRIC CO OP INC ABILENE (TDSP)	0079344254100	73 562828	75 34836	73 310816	68 207516	72 603999	0.10229%
4	TEXAS-NEW MEXICO POWER CO (TDSP)	007929441	1,830 539028	1,823 278152	1,960 502196	1,812 930668	1,856 812511	2.61593%
99	TRI COUNTY ELECTRIC CO OP INC (TDSP)	008945123	614 283092	697 405988	732 271448	667 755888	677 929104	0.95509%
100	TRINITY VALLEY ELEC CO OP (TDSP)	009844564	256 598780	284 137861	304 474660	295 894320	285 278405	0.40191%
176	TRINITY VALLEY ELECTRIC COOPERATIVE INC LPL (TDSP)	0098445644000	0 106024	0 101996	0 106116	0 101980	0 104029	0.00015%
102	UNITED ELECTRIC CO OP SERVICES INC (TDSP)	008945826	420 796576	464 132252	479 413316	442 261376	451 650880	0.63630%
136	VICTORIA ELECTRIC CO OP INC (TDSP)	008953861	103 495292	111 572776	114 926360	109 652596	109 911756	0.15485%
137	WEATHERFORD MUNICIPAL UTILITY SYSTEM (TDSP)	0817196274000	83 809368	93 314472	99 453544	86 862772	90 860039	0.12801%
153	WESTERN FARMERS ELECTRIC COOPERATIVE (TDSP)	0728624074000	0 560300	0 730444	0 898228	0 814528	0 750875	0.00106%
138	WHARTON COUNTY ELECTRIC CO OP INC (TDSP)	118487958	35 176568	36 899788	37 666376	38 795472	37 134551	0.05232%
103	WISE ELECTRIC CO OP (TDSP)	041405408	118 157792	135 479160	140 085596	125 226056	129 737151	0.18278%
168	WOOD COUNTY ELECTRIC COOPERATIVE INC (TDSP)	008952491	4 024876	0 126472	4 048720	4 1689	3 092245	0.00436%
Total			68,369.766260	71,254.449764	76,006.083626	69,293.189982	70,980.872406	100.00000%

* Note DC Tie exports, Block Load Transfer exports, and Wholesale Storage Loads are excluded from this report

Public Utility Commission of Texas
Docket No. 50333
2020 Net Wholesale Trans. Matrix Charges for ERCOT
Net Payment Matrix

1200

* The charges shown in this matrix only represent charges based upon the approved TCO's Access Fee in effect at the time the Set Payment Matrix is developed. TCO's Access Fee(s) approved after this date, and any Rate Case Expense Surcharge(s) or other charges Expense Surcharge(s) shall be obtained from the Commission approved Final Order in the corresponding Docket.

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Public Utilities Commission of Texas
Docket No. 50333
2020 Net Wholesale Trans Matrix Charges for E&R (1)
Net Payment Matrix

Draft

	CH24	CH26	CH28	CH30	CH32	CH34	CH36	CH38	CH40	CH42	CH44	CH46	CH48	CH50	CH52	CH54	CH56	CH58	CH60	CH62	CH64	CH66	CH68	CH70	CH72	CH74	CH76	CH78	CH80	CH82	CH84	CH86	CH88	CH90	CH92	CH94	CH96	CH98	CH100	CH102	CH104	CH106	CH108	CH110	CH112	CH114	CH116	CH118	CH120	CH122	CH124	CH126	CH128	CH130	CH132	CH134	CH136	CH138	CH140	CH142	CH144	CH146	CH148	CH150	CH152	CH154	CH156	CH158	CH160	CH162	CH164	CH166	CH168	CH170	CH172	CH174	CH176	CH178	CH180	CH182	CH184	CH186	CH188	CH190	CH192	CH194	CH196	CH198	CH200	CH202	CH204	CH206	CH208	CH210	CH212	CH214	CH216	CH218	CH220	CH222	CH224	CH226	CH228	CH230	CH232	CH234	CH236	CH238	CH240	CH242	CH244	CH246	CH248	CH250	CH252	CH254	CH256	CH258	CH260	CH262	CH264	CH266	CH268	CH270	CH272	CH274	CH276	CH278	CH280	CH282	CH284	CH286	CH288	CH290	CH292	CH294	CH296	CH298	CH300	CH302	CH304	CH306	CH308	CH310	CH312	CH314	CH316	CH318	CH320	CH322	CH324	CH326	CH328	CH330	CH332	CH334	CH336	CH338	CH340	CH342	CH344	CH346	CH348	CH350	CH352	CH354	CH356	CH358	CH360	CH362	CH364	CH366	CH368	CH370	CH372	CH374	CH376	CH378	CH380	CH382	CH384	CH386	CH388	CH390	CH392	CH394	CH396	CH398	CH400	CH402	CH404	CH406	CH408	CH410	CH412	CH414	CH416	CH418	CH420	CH422	CH424	CH426	CH428	CH430	CH432	CH434	CH436	CH438	CH440	CH442	CH444	CH446	CH448	CH450	CH452	CH454	CH456	CH458	CH460	CH462	CH464	CH466	CH468	CH470	CH472	CH474	CH476	CH478	CH480	CH482	CH484	CH486	CH488	CH490	CH492	CH494	CH496	CH498	CH500	CH502	CH504	CH506	CH508	CH510	CH512	CH514	CH516	CH518	CH520	CH522	CH524	CH526	CH528	CH530	CH532	CH534	CH536	CH538	CH540	CH542	CH544	CH546	CH548	CH550	CH552	CH554	CH556	CH558	CH560	CH562	CH564	CH566	CH568	CH570	CH572	CH574	CH576	CH578	CH580	CH582	CH584	CH586	CH588	CH590	CH592	CH594	CH596	CH598	CH600	CH602	CH604	CH606	CH608	CH610	CH612	CH614	CH616	CH618	CH620	CH622	CH624	CH626	CH628	CH630	CH632	CH634	CH636	CH638	CH640	CH642	CH644	CH646	CH648	CH650	CH652	CH654	CH656	CH658	CH660	CH662	CH664	CH666	CH668	CH670	CH672	CH674	CH676	CH678	CH680	CH682	CH684	CH686	CH688	CH690	CH692	CH694	CH696	CH698	CH700	CH702	CH704	CH706	CH708	CH710	CH712	CH714	CH716	CH718	CH720	CH722	CH724	CH726	CH728	CH730	CH732	CH734	CH736	CH738	CH740	CH742	CH744	CH746	CH748	CH750	CH752	CH754	CH756	CH758	CH760	CH762	CH764	CH766	CH768	CH770	CH772	CH774	CH776	CH778	CH780	CH782	CH784	CH786	CH788	CH790	CH792	CH794	CH796	CH798	CH800	CH802	CH804	CH806	CH808	CH810	CH812	CH814	CH816	CH818	CH820	CH822	CH824	CH826	CH828	CH830	CH832	CH834	CH836	CH838	CH840	CH842	CH844	CH846	CH848	CH850	CH852	CH854	CH856	CH858	CH860	CH862	CH864	CH866	CH868	CH870	CH872	CH874	CH876	CH878	CH880	CH882	CH884	CH886	CH888	CH890	CH892	CH894	CH896	CH898	CH900	CH902	CH904	CH906	CH908	CH910	CH912	CH914	CH916	CH918	CH920	CH922	CH924	CH926	CH928	CH930	CH932	CH934	CH936	CH938	CH940	CH942	CH944	CH946	CH948	CH950	CH952	CH954	CH956	CH958	CH960	CH962	CH964	CH966	CH968	CH970	CH972	CH974	CH976	CH978	CH980	CH982	CH984	CH986	CH988	CH990	CH992	CH994	CH996	CH998	CH1000	CH1002	CH1004	CH1006	CH1008	CH1010	CH1012	CH1014	CH1016	CH1018	CH1020	CH1022	CH1024	CH1026	CH1028	CH1030	CH1032	CH1034	CH1036	CH1038	CH1040	CH1042	CH1044	CH1046	CH1048	CH1050	CH1052	CH1054	CH1056	CH1058	CH1060	CH1062	CH1064	CH1066	CH1068	CH1070	CH1072	CH1074	CH1076	CH1078	CH1080	CH1082	CH1084	CH1086	CH1088	CH1090	CH1092	CH1094	CH1096	CH1098	CH1100	CH1102	CH1104	CH1106	CH1108	CH1110	CH1112	CH1114	CH1116	CH1118	CH1120	CH1122	CH1124	CH1126	CH1128	CH1130	CH1132	CH1134	CH1136	CH1138	CH1140	CH1142	CH1144	CH1146	CH1148	CH1150	CH1152	CH1154	CH1156	CH1158	CH1160	CH1162	CH1164	CH1166	CH1168	CH1170	CH1172	CH1174	CH1176	CH1178	CH1180	CH1182	CH1184	CH1186	CH1188	CH1190	CH1192	CH1194	CH1196	CH1198	CH1200	CH1202	CH1204	CH1206	CH1208	CH1210	CH1212	CH1214	CH1216	CH1218	CH1220	CH1222	CH1224	CH1226	CH1228	CH1230	CH1232	CH1234	CH1236	CH1238	CH1240	CH1242	CH1244	CH1246	CH1248	CH1250	CH1252	CH1254	CH1256	CH1258	CH1260	CH1262	CH1264	CH1266	CH1268	CH1270	CH1272	CH1274	CH1276	CH1278	CH1280	CH1282	CH1284	CH1286	CH1288	CH1290	CH1292	CH1294	CH1296	CH1298	CH1300	CH1302	CH1304	CH1306	CH1308	CH1310	CH1312	CH1314	CH1316	CH1318	CH1320	CH1322	CH1324	CH1326	CH1328	CH1330	CH1332	CH1334	CH1336	CH1338	CH1340	CH1342	CH1344	CH1346	CH1348	CH1350	CH1352	CH1354	CH1356	CH1358	CH1360	CH1362	CH1364	CH1366	CH1368	CH1370	CH1372	CH1374	CH1376	CH1378	CH1380	CH1382	CH1384	CH1386	CH1388	CH1390	CH1392	CH1394	CH1396	CH1398	CH1400	CH1402	CH1404	CH1406	CH1408	CH1410	CH1412	CH1414	CH1416	CH1418	CH1420	CH1422	CH1424	CH1426	CH1428	CH1430	CH1432	CH1434	CH1436	CH1438	CH1440	CH1442	CH1444	CH1446	CH1448	CH1450	CH1452	CH1454	CH1456	CH1458	CH1460	CH1462	CH1464	CH1466	CH1468	CH1470	CH1472	CH1474	CH1476	CH1478	CH1480	CH1482	CH1484	CH1486	CH1488	CH1490	CH1492	CH1494	CH1496	CH1498	CH1500	CH1502	CH1504	CH1506	CH1508	CH1510	CH1512	CH1514	CH1516	CH1518	CH1520	CH1522	CH1524	CH1526	CH1528	CH1530	CH1532	CH1534	CH1536	CH1538	CH1540	CH1542	CH1544	CH1546	CH1548	CH1550	CH1552	CH1554	CH1556	CH1558	CH1560	CH1562	CH1564	CH1566	CH1568	CH1570	CH1572	CH1574	CH1576	CH1578	CH1580	CH1582	CH1584	CH1586	CH1588	CH1590	CH1592	CH1594	CH1596	CH1598	CH1600	CH1602	CH1604	CH1606	CH1608	CH1610	CH1612	CH1614	CH1616	CH1618	CH1620	CH1622	CH1624	CH1626	CH1628	CH1630	CH1632	CH1634	CH1636	CH1638	CH1640	CH1642	CH1644	CH1646	CH1648	CH1650	CH1652	CH1654	CH1656	CH1658	CH1660	CH1662	CH1664	CH1666	CH1668	CH1670	CH1672	CH1674	CH1676	CH1678	CH1680	CH1682	CH1684	CH1686	CH1688	CH1690	CH1692	CH1694	CH1696	CH1698	CH1700	CH1702	CH1704	CH1706	CH1708	CH1710	CH1712	CH1714	CH1716	CH1718	CH1720	CH1722	CH1724	CH1726	CH1728	CH1730	CH1732	CH1734	CH1736	CH1738	CH1740	CH1742	CH1744	CH1746	CH1748	CH1750	CH1752	CH1754	CH1756	CH1758	CH1760	CH1762	CH1764	CH1766	CH1768	CH1770	CH1772	CH1774	CH1776	CH1778	CH1780	CH1782	CH1784	CH1786	CH1788	CH1790	CH1792	CH1794	CH1796	CH1798	CH1800	CH1802	CH1804	CH1806	CH1808	CH1810	CH1812	CH1814	CH1816	CH1818	CH1820	CH1822	CH1824	CH1826	CH1828	CH1830	CH1832	CH1834	CH1836	CH1838	CH1840	CH1842	CH1844	CH1846	CH1848	CH1850	CH1852	CH1854	CH1856	CH1858	CH1860	CH1862	CH1864	CH1866	CH1868	CH1870	CH1872	CH1874	CH1876	CH1878	CH1880	CH1882	CH1884	CH1886	CH1888	CH1890	CH1892	CH1894	CH1896	CH1898	CH1900	CH1902	CH1904	CH1906	CH1908	CH1910	CH1912	CH1914	CH1916	CH1918	CH1920	CH1922	CH1924	CH1926	CH1928	CH1930	CH1932	CH1934	CH1936	CH1938	CH1940	CH1942	CH1944	CH1946	CH1948	CH1950	CH1952	CH1954	CH1956	CH1958	CH1960	CH1962	CH1964	CH1966	CH1968	CH1970	CH1972	CH1974	CH1976	CH1978	CH1980	CH1982	CH1984	CH1986	CH1988	CH1990	CH1992	CH1994	CH1996	CH1998	CH2000	CH2002	CH2004	CH2006	CH2008	CH2010	CH2012	CH2014	CH2016	CH2018	CH2020	CH2022	CH2024	CH2026	CH2028	CH2030	CH2032	CH2034	CH2036	CH2038	CH2040	CH2042	CH2044	CH2046	CH2048	CH2050	CH2052	CH2054	CH2056	CH2058	CH2060	CH2062	CH2064	CH2066	CH2068	CH2070	CH2072	CH2074	CH2076	CH2078	CH2080	CH2082	CH2084	CH2086	CH2088	CH2090	CH2092	CH2094	CH2096	CH2098	CH2100	CH2102	CH2104	CH2106	CH2108	CH2110	CH2112	CH2114	CH2116	CH2118	CH2120	CH2122	CH2124	CH2126	CH2128	CH2130	CH2132	CH2134	CH2136	CH2138	CH2140	CH2142	CH2144	CH2146	CH2148	CH2150	CH2152	CH2154	CH2156	CH2158	CH2160	CH2162	CH2164	CH2166	CH2168	CH2170	CH2172	CH2174	CH2176	CH2178	CH2180	CH2182	CH2184	CH2186	CH2188	CH2190	CH2192	CH2194	CH2196	CH2198	CH2200	CH2202	CH2204	CH2206	CH2208	CH2210	CH2212	CH2214	CH2216	CH2218	CH2220	CH2222	CH2224	CH2226	CH2228	CH2230	CH2232	CH2234	CH2236	CH2238	CH2240	CH2242	CH2244	CH2246	CH2248	CH2250	CH2252	CH2254	CH2256	CH2258	CH2260	CH2262	CH2264	CH2266	CH2268	CH2270	CH2272	CH2274	CH2276	CH2278	CH2280	CH2282	CH2284	CH2286	CH2288	CH2290	CH2292	CH2294	CH2296	CH2298	CH2300	CH2302	CH2304	CH2306	CH2308	CH2310	CH2312	CH2314	CH2316	CH2318	CH2320	CH2322	CH2324	CH2326	CH2328	CH2330	CH2332	CH2334	CH2336	CH2338	CH2340	CH2342	CH2344	CH2346	CH2348	CH2350	CH2352	CH2354	CH2356	CH2358	CH2360	CH2362	CH2364	CH2366	CH2368	CH2370	CH2372	CH2374	CH2376	CH2378	CH2380	CH2382	CH2384	CH2386	CH2388	CH2390	CH2392	CH2394	CH2396	CH2398	CH2400	CH2402	CH2404	CH2406	CH2408	CH2410	CH2412	CH2414	CH2416	CH2418	CH2420	CH2422	CH2424	CH2426	CH2428	CH2430	CH2432	CH2434	CH2436	CH2438	CH2440	CH2442	CH2444	CH2446	CH2448	CH2450	CH2452	CH2454	CH2456	CH2458	CH2460	CH2462	CH2464	CH2466	CH2468	CH2470	CH2472	CH2474	CH2476	CH2478	CH2480	CH2482	CH2484	CH2486	CH2488	CH2490	CH2492	CH2494	CH2496	CH2498	CH2500	CH2502	CH2504	CH2506	CH2508	CH2510	CH2512	CH2514	CH2516	CH2518	CH2520	CH2522	CH2524	CH2526	CH2528	CH2530	CH2532	CH2534	CH2536	CH2538	CH2540	CH2542	CH2544	CH2546	CH2548	CH2550	CH2552	CH2554	CH2556	CH2558	CH2560	CH2562	CH2564	CH2566	CH2568	CH257
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Public Utilities Commission of Texas
Docket No. 50333
2020 Net Wholesale Trans. Matrix Charges for ERCOT
Net Payment Matrix

Draft

THRU	PLAN	FAIR	LAST	LCRA	LITG	LYR	MVR	MASS	MDN	MULT	NWBC	ONC	PDV1	PDV2	RDCC	RCBC	RCBC1	RCORIS	
ADP-EC	\$0	\$42,291	\$166,052	\$7,127,004	\$70,851,968	\$51,020	\$57,046	\$0	\$22,087	\$0	\$0,080	\$1,199,166	\$32,402,607	\$23,022	\$5,460,663	\$3,721,060	\$22,236	\$206,946	\$83,400
ADP-TNC	\$0	\$21,051	\$35,850	\$1,661,834	\$17,777,853	\$26,121	\$12,708	\$0	\$11,307	\$0	\$4,652	\$613,027	\$6,546,157	\$11,700	\$1,064,924	\$1,721,111	\$5,043	\$151,820	\$42,999
ADPS	\$0	\$12,478	\$32,073	\$1,849,051	\$17,811,130	\$15,060	\$10,021	\$0	\$6,496	\$0	\$2,672	\$352,089	\$6,738,341	\$6,771	\$1,758,864	\$883,610	\$31,702	\$87,217	\$24,302
BLND	\$0	\$485	\$1,250	\$212,643	\$982,430	\$485	\$1,050	\$0	\$253	\$0	\$1,746	\$17,746	\$657,862	\$1,044	\$68,657	\$68,657	\$1,794	\$963	\$0
BART	\$0	\$0	\$0	\$3,767	\$17,402	\$0	\$20	\$0	\$0	\$0	\$0	\$0	\$39,986	\$0	\$0	\$174	\$11	\$13	\$0
BART	\$0	\$0	\$0	\$24,251	\$112,043	\$0	\$189	\$0	\$0	\$0	\$0	\$0	\$231,654	\$0	\$0	\$1,170	\$74	\$0	\$0
BLLV	\$0	\$0	\$0	\$18,770	\$86,485	\$0	\$146	\$0	\$0	\$0	\$0	\$0	\$178,911	\$0	\$0	\$904	\$57	\$0	\$0
BLLV	\$0	\$0	\$0	\$605,780	\$1,212,730	\$0	\$5,414	\$0	\$0	\$0	\$0	\$0	\$1,642,122	\$0	\$0	\$32,182	\$2,130	\$0	\$0
BROB	\$0	\$0	\$0	\$40,908	\$229,229	\$0	\$466	\$0	\$0	\$0	\$0	\$0	\$471,471	\$0	\$0	\$2,279	\$199	\$0	\$0
BRODY	\$0	\$0	\$0	\$18,782	\$86,485	\$0	\$146	\$0	\$0	\$0	\$0	\$0	\$179,903	\$0	\$0	\$909	\$56	\$0	\$0
BROB	\$0	\$19,497	\$50,275	\$2,010,922	\$29,151,206	\$23,121	\$79,111	\$0	\$10,682	\$0	\$4,580	\$552,834	\$6,631,864	\$10,114	\$2,757,182	\$1,447,714	\$15,517	\$316,732	\$38,720
BROB	\$0	\$0	\$0	\$84,668	\$360,894	\$0	\$699	\$0	\$0	\$0	\$0	\$0	\$908,187	\$0	\$0	\$3,013	\$257	\$0	\$0
BROB	\$0	\$0	\$0	\$18,833	\$87,017	\$0	\$147	\$0	\$0	\$0	\$0	\$0	\$179,402	\$0	\$0	\$969	\$57	\$0	\$0
BROB	\$0	\$1,016	\$2,621	\$991,780	\$1,810,118	\$1,226	\$1,000	\$0	\$331	\$0	\$218	\$28,831	\$1,281,461	\$553	\$143,716	\$68,654	\$1,183	\$7,126	\$2,018
BROB	\$0	\$4,628	\$11,935	\$532,615	\$2,460,783	\$5,584	\$4,147	\$0	\$2,417	\$0	\$994	\$131,240	\$6,118,418	\$2,520	\$684,943	\$379,429	\$1,616	\$12,455	\$9,192
BROB	\$0	\$0	\$0	\$27,343	\$126,130	\$0	\$213	\$0	\$0	\$0	\$0	\$0	\$261,192	\$0	\$0	\$1,261	\$83	\$0	\$0
CAP	\$0	\$60,476	\$156,203	\$26,152,516	\$130,478,117	\$37,080	\$201,051	\$0	\$11,636	\$0	\$13,314	\$1,713,651	\$13,120,373	\$32,176	\$8,566,536	\$3,962,687	\$79,968	\$124,363	\$120,804
CCTE	\$0	\$0	\$0	\$204,338	\$944,074	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$1,013,466	\$0	\$0	\$4,400	\$0	\$568	\$104
CORCA	\$0	\$52	\$135	\$0	\$0	\$0	\$63	\$0	\$27	\$0	\$11	\$1,458	\$1,275,044	\$2	\$0	\$5,745	\$629	\$0	\$0
COTD	\$0	\$0	\$0	\$12,527	\$57,875	\$0	\$68	\$0	\$0	\$0	\$0	\$0	\$119,654	\$0	\$0	\$5,78	\$38	\$0	\$0
COCN	\$0	\$5,79	\$1,493	\$297,962	\$1,732,909	\$6,908	\$2,316	\$0	\$302	\$0	\$124	\$10,415	\$1,440,213	\$318	\$81,968	\$59,680	\$993	\$4,699	\$1,150
CCTE	\$0	\$11,600	\$29,913	\$0	\$0	\$13,865	\$0	\$0	\$6,098	\$0	\$2,492	\$325,433	\$2,080,534	\$6,315	\$1,649,508	\$599,508	\$0	\$81,343	\$29,038
CCTE	\$0	\$0	\$0	\$30,785	\$142,252	\$0	\$240	\$0	\$0	\$0	\$0	\$0	\$269,071	\$0	\$0	\$1,416	\$99	\$0	\$0
CCTE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$18	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$0	\$0	\$204,338	\$944,074	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$1,013,466	\$0	\$0	\$4,400	\$0	\$568	\$104
CCTE	\$0	\$0	\$0	\$12,527	\$57,875	\$0	\$68	\$0	\$0	\$0	\$0	\$0	\$119,654	\$0	\$0	\$5,78	\$38	\$0	\$0
CCTE	\$0	\$5,79	\$1,493	\$297,962	\$1,732,909	\$6,908	\$2,316	\$0	\$302	\$0	\$124	\$10,415	\$1,440,213	\$318	\$81,968	\$59,680	\$993	\$4,699	\$1,150
CCTE	\$0	\$11,600	\$29,913	\$0	\$0	\$13,865	\$0	\$0	\$6,098	\$0	\$2,492	\$325,433	\$2,080,534	\$6,315	\$1,649,508	\$599,508	\$0	\$81,343	\$29,038
CCTE	\$0	\$0	\$0	\$30,785	\$142,252	\$0	\$240	\$0	\$0	\$0	\$0	\$0	\$269,071	\$0	\$0	\$1,416	\$99	\$0	\$0
CCTE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$18	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$0	\$0	\$204,338	\$944,074	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$1,013,466	\$0	\$0	\$4,400	\$0	\$568	\$104
CCTE	\$0	\$0	\$0	\$12,527	\$57,875	\$0	\$68	\$0	\$0	\$0	\$0	\$0	\$119,654	\$0	\$0	\$5,78	\$38	\$0	\$0
CCTE	\$0	\$5,79	\$1,493	\$297,962	\$1,732,909	\$6,908	\$2,316	\$0	\$302	\$0	\$124	\$10,415	\$1,440,213	\$318	\$81,968	\$59,680	\$993	\$4,699	\$1,150
CCTE	\$0	\$11,600	\$29,913	\$0	\$0	\$13,865	\$0	\$0	\$6,098	\$0	\$2,492	\$325,433	\$2,080,534	\$6,315	\$1,649,508	\$599,508	\$0	\$81,343	\$29,038
CCTE	\$0	\$0	\$0	\$30,785	\$142,252	\$0	\$240	\$0	\$0	\$0	\$0	\$0	\$269,071	\$0	\$0	\$1,416	\$99	\$0	\$0
CCTE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$18	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$0	\$0	\$204,338	\$944,074	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$1,013,466	\$0	\$0	\$4,400	\$0	\$568	\$104
CCTE	\$0	\$0	\$0	\$12,527	\$57,875	\$0	\$68	\$0	\$0	\$0	\$0	\$0	\$119,654	\$0	\$0	\$5,78	\$38	\$0	\$0
CCTE	\$0	\$5,79	\$1,493	\$297,962	\$1,732,909	\$6,908	\$2,316	\$0	\$302	\$0	\$124	\$10,415	\$1,440,213	\$318	\$81,968	\$59,680	\$993	\$4,699	\$1,150
CCTE	\$0	\$11,600	\$29,913	\$0	\$0	\$13,865	\$0	\$0	\$6,098	\$0	\$2,492	\$325,433	\$2,080,534	\$6,315	\$1,649,508	\$599,508	\$0	\$81,343	\$29,038
CCTE	\$0	\$0	\$0	\$30,785	\$142,252	\$0	\$240	\$0	\$0	\$0	\$0	\$0	\$269,071	\$0	\$0	\$1,416	\$99	\$0	\$0
CCTE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$18	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$0	\$0	\$204,338	\$944,074	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$1,013,466	\$0	\$0	\$4,400	\$0	\$568	\$104
CCTE	\$0	\$0	\$0	\$12,527	\$57,875	\$0	\$68	\$0	\$0	\$0	\$0	\$0	\$119,654	\$0	\$0	\$5,78	\$38	\$0	\$0
CCTE	\$0	\$5,79	\$1,493	\$297,962	\$1,732,909	\$6,908	\$2,316	\$0	\$302	\$0	\$124	\$10,415	\$1,440,213	\$318	\$81,968	\$59,680	\$993	\$4,699	\$1,150
CCTE	\$0	\$11,600	\$29,913	\$0	\$0	\$13,865	\$0	\$0	\$6,098	\$0	\$2,492	\$325,433	\$2,080,534	\$6,315	\$1,649,508	\$599,508	\$0	\$81,343	\$29,038
CCTE	\$0	\$0	\$0	\$30,785	\$142,252	\$0	\$240	\$0	\$0	\$0	\$0	\$0	\$269,071	\$0	\$0	\$1,416	\$99	\$0	\$0
CCTE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$18	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$0	\$0	\$204,338	\$944,074	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$1,013,466	\$0	\$0	\$4,400	\$0	\$568	\$104
CCTE	\$0	\$0	\$0	\$12,527	\$57,875	\$0	\$68	\$0	\$0	\$0	\$0	\$0	\$119,654	\$0	\$0	\$5,78	\$38	\$0	\$0
CCTE	\$0	\$5,79	\$1,493	\$297,962	\$1,732,909	\$6,908	\$2,316	\$0	\$302	\$0	\$124	\$10,415	\$1,440,213	\$318	\$81,968	\$59,680	\$993	\$4,699	\$1,150
CCTE	\$0	\$11,600	\$29,913	\$0	\$0	\$13,865	\$0	\$0	\$6,098	\$0	\$2,492	\$325,433	\$2,080,534	\$6,315	\$1,649,508	\$599,508	\$0	\$81,343	\$29,038
CCTE	\$0	\$0	\$0	\$30,785	\$142,252	\$0	\$240	\$0	\$0	\$0	\$0	\$0	\$269,071	\$0	\$0	\$1,416	\$99	\$0	\$0
CCTE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$18	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$0	\$0	\$204,338	\$944,074	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$1,013,466	\$0	\$0	\$4,400	\$0	\$568	\$104
CCTE	\$0	\$0	\$0	\$12,527	\$57,875	\$0	\$68	\$0	\$0	\$0	\$0	\$0	\$119,654	\$0	\$0	\$5,78	\$38	\$0	\$0
CCTE	\$0	\$5,79	\$1,493	\$297,962	\$1,732,909	\$6,908	\$2,316	\$0	\$302	\$0	\$124	\$10,415	\$1,440,213	\$318	\$81,968	\$59,680	\$993	\$4,699	\$1,150
CCTE	\$0	\$11,600	\$29,913	\$0	\$0	\$13,865	\$0	\$0	\$6,098	\$0	\$2,492	\$325,433	\$2,080,534	\$6,315	\$1,649,508	\$599,508	\$0	\$81,343	\$29,038
CCTE	\$0	\$0	\$0	\$30,785	\$142,252	\$0	\$240	\$0	\$0	\$0	\$0	\$0	\$269,071	\$0	\$0	\$1,416	\$99	\$0	\$0
CCTE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$18	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$0	\$0	\$204,338	\$944,074	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$1,013,466	\$0	\$0	\$4,400	\$0	\$568	\$104
CCTE	\$0	\$0	\$0	\$12,527	\$57,875	\$0	\$68	\$0	\$0	\$0	\$0	\$0	\$119,654	\$0	\$0	\$5,78	\$38	\$0	\$0
CCTE	\$0	\$5,79	\$1,493	\$297,962	\$1,732,909	\$6,908	\$2,316	\$0	\$302	\$0	\$124	\$10,415	\$1,440,213	\$318	\$81,968	\$59,680	\$993	\$4,699	\$1,150
CCTE	\$0	\$11,600	\$29,913	\$0	\$0	\$13,865	\$0	\$0	\$6,098	\$0	\$2,492	\$325,433	\$2,080,534	\$6,315	\$1,649,508	\$599,508	\$0	\$81,343	\$29,038
CCTE	\$0	\$0	\$0	\$30,785	\$142,252	\$0	\$240	\$0	\$0	\$0	\$0	\$0	\$269,071	\$0	\$0	\$1,416	\$99	\$0	\$0
CCTE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$18	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CCTE	\$0	\$0	\$0	\$204,338	\$944,074	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$1,013,466	\$0	\$0	\$4,400	\$0	\$568	

Public Utility Commission of Texas
[Order No. 5033]
Net Payment Matters
Net Payment Matters
[Order No. 5033]
Public Utility Commission of Texas

Public Utility Commission of Texas
Docket No. 50333
2020 Net Wholesale Trans Matrix Charges for ERCOT
Net Payment Matrix

Draft

	TXLA	TXR	WAKI	WCR	WEAT	WDM	WFB	WFTT	YOKM	Total
ADP TC	\$469,674	\$51,773	\$18,493	\$12,401	\$366,767	\$31,465	\$3,031	\$8,361,843	\$80,811	\$5,078,138
ADP TNC	\$246,455	\$12,146	\$9,468	\$2,444	\$187,771	\$16,124	\$1,552	\$1,966,222	\$41,372	\$83,855,015
ADPNS	\$178,176	\$28,299	\$9,439	\$6,831	\$107,870	\$9,263	\$491	\$4,866,451	\$23,767	\$63,864,897
BLND	\$5,144	\$1,561	\$232	\$379	\$4,294	\$361	\$37	\$4,294	\$926	\$4,088,338
BART	\$0	\$28	\$0	\$7	\$0	\$0	\$0	\$0	\$0	\$144,682
BAST	\$0	\$178	\$0	\$43	\$0	\$0	\$0	\$27,076	\$0	\$931,524
BELA	\$0	\$137	\$0	\$33	\$0	\$0	\$0	\$21,363	\$0	\$719,032
BUUP	\$0	\$4,443	\$0	\$1,232	\$0	\$0	\$0	\$793,643	\$0	\$26,716,844
BUHR	\$0	\$63	\$0	\$88	\$0	\$0	\$0	\$6,375	\$0	\$9,899,468
BUHRY	\$0	\$19	\$0	\$33	\$0	\$0	\$0	\$21,217	\$0	\$713,775
BUPI	\$216,527	\$36,775	\$5,226	\$8,477	\$169,685	\$13,520	\$1,597	\$5,718,646	\$17,255	\$68,287,783
BUHNM	\$0	\$621	\$0	\$190	\$0	\$0	\$0	\$46,553	\$0	\$3,248,876
BUHNS	\$0	\$134	\$0	\$33	\$0	\$0	\$0	\$21,443	\$0	\$723,418
BUHNB	\$11,286	\$2,975	\$444	\$6,34	\$8,813	\$7,7	\$73	\$447,121	\$1,447	\$8,144,113
BUHYN	\$51,402	\$3,969	\$2,024	\$944	\$80,140	\$3,447	\$332	\$607,843	\$6,844	\$10,898,993
BUHNT	\$0	\$201	\$0	\$48	\$0	\$0	\$0	\$31,295	\$0	\$1,050,305
CLMP	\$672,747	\$1,42,607	\$26,489	\$46,744	\$525,346	\$45,113	\$4,342	\$29,857,612	\$15,751	\$594,545,476
CLTC	\$0	\$0	\$0	\$362	\$0	\$0	\$0	\$233,198	\$0	\$7,848,997
CLBLA	\$583	\$0	\$23	\$0	\$455	\$39	\$4	\$0	\$160	\$495,814
CLFB	\$0	\$92	\$0	\$22	\$0	\$0	\$0	\$14,296	\$0	\$481,147
CLWNS	\$6,429	\$2,183	\$253	\$5,27	\$5,021	\$431	\$41	\$39,529	\$1,106	\$7,595,474
CLTT	\$128,832	\$0	\$5,073	\$0	\$100,055	\$8,639	\$631	\$0	\$22,167	\$78,593,571
CLPR	\$0	\$229	\$0	\$55	\$0	\$0	\$0	\$35,133	\$0	\$1,182,515
CLPR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CLPR	\$193	\$0	\$0	\$0	\$355	\$13	\$13	\$0	\$34	\$121,377
CLPR	\$83,969	\$3,566	\$1,227	\$861	\$64,010	\$5,407	\$529	\$14,113	\$1,113	\$3,341,854
CLPR	\$187	\$0	\$7	\$0	\$146	\$14	\$1	\$0	\$32	\$13,889
CLPR	\$526,603	\$0	\$29,734	\$0	\$411,223	\$55,313	\$3,308	\$0	\$9,069	\$32,121,421
CLPR	\$255	\$0	\$10	\$0	\$1,76	\$17	\$2	\$0	\$44	\$195,599
CLPR	\$1,132	\$0	\$45	\$0	\$966	\$77	\$7	\$0	\$398	\$702,782
CLPR	\$0	\$75	\$0	\$18	\$0	\$0	\$0	\$11,645	\$0	\$391,954
CLPR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CLPR	\$0	\$1	\$0	\$15	\$0	\$0	\$0	\$0	\$0	\$3,602,907
CLPR	\$64	\$63	\$26	\$221	\$539	\$45	\$4	\$142,281	\$114	\$331,313
CLPR	\$0	\$352	\$0	\$45	\$0	\$0	\$0	\$54,044	\$0	\$1,869,587
CLPR	\$89,106	\$4,654	\$1,816	\$1,123	\$6,734	\$5,988	\$576	\$723,715	\$15,365	\$20,118,122
CLPR	\$0	\$1,001	\$0	\$187	\$0	\$0	\$0	\$249,157	\$0	\$8,386,152
CLPR	\$4,192	\$1,122	\$105	\$271	\$3,224	\$261	\$27	\$13,478	\$721	\$3,314,155
CLPR	\$0	\$134	\$0	\$17	\$0	\$0	\$0	\$20,53	\$0	\$763,437
CLPR	\$4,101	\$3,187	\$101	\$768	\$3,293	\$275	\$29	\$9,975	\$798	\$14,159,354
CLPR	\$0	\$15	\$0	\$4	\$0	\$0	\$0	\$3,411	\$0	\$81,184
CLPR	\$0	\$55	\$0	\$13	\$0	\$0	\$0	\$8,591	\$0	\$287,775
CLPR	\$0	\$365	\$0	\$47	\$0	\$0	\$0	\$30,325	\$0	\$1,020,487
CLPR	\$0	\$293	\$0	\$71	\$0	\$0	\$0	\$45,483	\$0	\$1,531,048
CLPR	\$2,439	\$0	\$96	\$0	\$1,405	\$164	\$30	\$0	\$420	\$1,488,036
CLPR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CLPR	\$0	\$4,440	\$0	\$1,072	\$0	\$0	\$0	\$6,449	\$0	\$23,237,870
CLPR	\$0	\$4	\$0	\$23	\$0	\$0	\$0	\$14,950	\$0	\$502,574
CLPR	\$0	\$396	\$0	\$96	\$0	\$0	\$0	\$61,529	\$0	\$2,084,302
CLPR	\$0	\$113	\$0	\$27	\$0	\$0	\$0	\$17,663	\$0	\$592,479
CLPR	\$0	\$133	\$0	\$12	\$0	\$0	\$0	\$20,645	\$0	\$696,593
CLPR	\$443	\$0	\$17	\$0	\$34	\$3	\$3	\$0	\$76	\$249,963
CLPR	\$0	\$1,146	\$0	\$229	\$0	\$0	\$0	\$1,76,780	\$0	\$6,051,072
CLPR	\$0	\$167	\$0	\$40	\$0	\$0	\$0	\$26,698	\$0	\$875,392
CLPR	\$191	\$564	\$8	\$122	\$149	\$13	\$1	\$78,469	\$13	\$2,923,232
CLPR	\$0	\$254	\$0	\$61	\$0	\$0	\$0	\$39,506	\$0	\$1,219,683
CLPR	\$0	\$75	\$0	\$7	\$0	\$0	\$0	\$4,373	\$0	\$153,919
CLPR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CLPR	\$0	\$112	\$0	\$29	\$0	\$0	\$0	\$17,453	\$0	\$487,443
CLPR	\$0	\$289	\$0	\$37	\$0	\$0	\$0	\$45,655	\$0	\$1,514,796
CLPR	\$169,425	\$0	\$1,687	\$0	\$12,631	\$11,744	\$1,086	\$0	\$29,223	\$163,612,980
CLPR	\$784,710	\$0	\$39,937	\$0	\$67,278	\$52,021	\$5,664	\$0	\$135,015	\$475,129,048
CLPR	\$0	\$135	\$0	\$33	\$0	\$0	\$0	\$21,056	\$0	\$768,705
CLPR	\$1,122	\$0	\$52	\$0	\$3,033	\$89	\$9	\$0	\$228	\$886,498
CLPR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CLPR	\$0	\$59	\$0	\$14	\$0	\$0	\$0	\$9,115	\$0	\$396,796
CLPR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CLPR	\$0	\$24	\$0	\$0	\$0	\$0	\$0	\$1,760	\$0	\$126,306
CLPR	\$0	\$183	\$0	\$76	\$0	\$0	\$0	\$49,802	\$0	\$1,647,158
CLPR	\$1,622,415	\$271,746	\$67,881	\$65,997	\$1,266,941	\$106,739	\$10,426	\$42,252,214	\$279,149	\$432,550,534
CLPR	\$0	\$63	\$0	\$15	\$0	\$0	\$0	\$9,501	\$0	\$319,791
CLPR	\$0	\$15,472	\$0	\$3,431	\$0	\$0	\$0	\$2,468,205	\$0	\$83,075,189
CLPR	\$73,836	\$9,529	\$3,899	\$2,31	\$6,114	\$525	\$51	\$1,499,404	\$1,748	\$45,343,711
CLPR	\$515	\$0	\$20	\$0	\$408	\$35	\$3	\$0	\$89	\$214,445
CLPR	\$0	\$187	\$0	\$14	\$0	\$0	\$0	\$122,344	\$0	\$4,119,203
CLPR	\$0	\$223	\$0	\$54	\$0	\$0	\$0	\$34,662	\$0	\$1,146,465
CLPR	\$302,180	\$50,533	\$11,508	\$12,308	\$235,977	\$20,264	\$1,960	\$7,558,061	\$57,46	\$80,145,995
CLPR	\$4,428	\$1,667	\$174	\$376	\$3,458	\$297	\$29	\$243,696	\$762	\$5,499,554
CLPR	\$0	\$144	\$0	\$35	\$0	\$0	\$0	\$22,425	\$0	\$754,873
CLPR	\$0	\$135	\$0	\$27	\$0	\$0	\$0	\$210,780	\$0	\$7,094,448
CLPR	\$2,385	\$0	\$4	\$0	\$1,813	\$160	\$15	\$0	\$410	\$1,455,179
CLPR	\$0	\$91	\$0	\$23	\$0	\$0	\$0	\$15,630	\$0	\$505,897
CLPR	\$0	\$145	\$0	\$35	\$0	\$0	\$0	\$22,461	\$0	\$756,481
CLPR	\$0	\$69	\$0	\$169	\$0	\$0	\$0	\$108,709	\$0	\$3,458,956
CLPR	\$0	\$73	\$0	\$18	\$0	\$0	\$0	\$11,37	\$0	\$392,587
CLPR	\$435,744	\$0	\$17,157	\$0	\$340,271	\$5,220	\$2,812	\$0	\$74,073	\$245,823,580
CLPR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CLPR	\$0	\$179	\$0	\$25	\$0	\$0	\$0	\$16,372	\$0	\$551,064
CLPR	\$0	\$106	\$0	\$25	\$0	\$0	\$0	\$16,412	\$0	\$552,393
CLPR	\$149,759	\$14,545	\$5,661	\$5,342	\$112,261	\$9,640	\$528	\$2,202,244	\$34,734	\$11,556,485
CLPR	\$0	\$0	\$0	\$1	\$0	\$0	\$0	\$875	\$0	\$29,279
CLPR	\$111	\$0	\$4	\$0	\$46	\$7	\$1	\$0	\$19	\$47,503
CLPR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CLPR	\$77,173	\$0	\$1,039	\$0	\$61,264	\$5,175	\$408	\$0	\$13,278	\$47,079,270
CLPR	\$1,71,096	\$19,492	\$4,847	\$4,802	\$96,126	\$8,255	\$764	\$3,693,260	\$21,180	\$29,018,966
CLPR	\$0	\$1,246	\$0	\$310	\$0	\$0	\$0	\$193,333	\$0	\$6,72,056
CLPR	\$1,249	\$0	\$49	\$0	\$973	\$84	\$9	\$0	\$214	\$766,418
CLPR	\$0	\$49	\$0	\$12	\$0	\$0	\$0	\$7,632	\$0	\$254,878
CLPR	\$961	\$0	\$12	\$0	\$258	\$20	\$2	\$0	\$52	\$181,557
CLPR	\$0	\$973	\$0	\$235	\$0	\$0	\$0	\$191,364	\$0	\$5,094,618
CLPR	\$0	\$84	\$0	\$20	\$0	\$0	\$0	\$12,968	\$0	\$437,490
CLPR	\$0	\$8	\$0	\$2	\$0	\$0	\$0	\$1,251	\$0	\$42,102
CLPR	\$193,433	\$0	\$7,632	\$0	\$153,964	\$15,998	\$1,251	\$33,380	\$0	\$118,246,893
CLPR	\$0	\$214	\$0	\$52	\$0	\$0	\$0	\$13,360	\$0	\$7,122,911
Total	\$6,524,054	\$769,418	\$236,878	\$183,557	\$5,094,618	\$437,490	\$42,102	\$118,246,893	\$1,122,511	