



Control Number: 25002



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Rebecca Klein
Chairman

Brett A. Perlman
Commissioner

Julie Caruthers Parsley
Commissioner

W. Lane Lanford
Executive Director



Public Utility Commission of Texas

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PUBLIC UTILITY COMMISSION
FILING CLERK

TO: Rebecca Klein, Chairman
Brett A. Perlman, Commissioner
Julie Caruthers Parsley, Commissioner

All Parties of Record

FROM: Mark Gentle 
Administrative Law Judge
Policy Development Division

DATE: November 19, 2002

RE: DOCKET NO. 25002 – *Commission Staff's Application to Set 2002 Wholesale Transmission Service Charges for the Electric Reliability Council of Texas*

Enclosed is a copy of the Proposed Order in the above-referenced docket. The Commission will consider this docket at an open meeting presently scheduled to begin at 9:30 a.m. on Thursday, December 5, 2002, at the Commission's offices, 1701 North Congress Avenue, Austin, Texas. The parties shall file corrections or exceptions to the Proposed Order on or before Tuesday, November 26, 2002.

The requirements for informal disposition under P.U.C. PROC. R. 22.35 have been met in this proceeding except for the requirement of subsection (b) that the proposed order be served on all parties no less than 20 days before the Commission is scheduled to consider the application in open meeting. Pursuant to P.U.C. PROC. R. 22.5(b), there is good cause to waive the 20-day requirement of P.U.C. PROC. R. 22.35(b)(2) because of the importance to the parties of having a final payment matrix at the earliest possible date prior to the end of the year.

If there are no corrections or exceptions, no response is necessary.

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COMMISSION STAFF'S APPLICATION TO SET 2002 WHOLESALE TRANSMISSION SERVICE CHARGES FOR THE ELECTRIC RELIABILITY COUNCIL OF TEXAS (ERCOT) § PUBLIC UTILITY COMMISSION § FILING CLERK § OF TEXAS §

PROPOSED ORDER

This Order addresses the ERCOT wholesale transmission service charges to be applied in calendar year 2002. For the reasons discussed in this Order, the Public Utility Commission (Commission) adopts the attached matrices indicating the calculation of the 2002 charges determined in accordance with P.U.C. SUBST. R. 25.192.

I. Discussion

Procedural History

The net payment matrix for wholesale transmission charges is required to be updated annually based on the prior year's average of the 4CP demand that is coincident with the ERCOT 4CP in accordance with P.U.C. SUBST. R. 25.192(b). On November 12, 2001, Commission Staff (Staff) filed an application in this docket to set 2002 wholesale transmission service charges for the Electric Reliability Council of Texas (ERCOT) pursuant to an agreement presented at a prehearing conference in Docket No. 24418¹, in an effort to accelerate the finalization of the transmission charge matrix for 2002. Originally, the parties contemplated approval of the matrix in February or March, 2002. Unfortunately, issues concerning calculation of the 4CP and preparation of the matrix took many additional months due in large measure to the fact that ERCOT began calculating billing determinates for all transmission service providers in ERCOT this year. Therefore, the parties needed additional time to review and analyze the methodology used by ERCOT to develop the billing determinates for August and September of 2001.

In recognition of the unique circumstances confronting the parties in this docket, various parties filed a motion requesting that the commission establish an interim 2002 net transmission payment matrix. The Movants requested that the ALJ establish an interim 2002 net payment matrix. This

¹ Commission Staff's Application to Set 2001 Wholesale Transmission Service Charges for the Electric Reliability Council of Texas, Docket No. 24418 (Dec. 17, 2001).

proposal differs from past practice in that the 2002 net payment matrix would be used for billing service instead of using the prior year's matrix for billing until such time that the 2002 net matrix is approved. This process was proposed to alleviate the significant financial impact related to the timing of implementing the new rates. Finding that the motion was unopposed and in compliance with P.U.C. PROC. R. 22.125, the Commission's administrative law judge (ALJ) assigned to this docket issued an Interim Order on February 19, 2002, granting interim approval of a net transmission payment matrix, subject to refund or credit based on the final approved matrix.

On October 14, 2002, ERCOT filed its final 4CP report showing the peak interval for August as of August 15, 2001 at 4:30 p.m.² On October 18, 2002, Staff filed its revised net wholesale transmission charge matrix for comment. Staff filed its revised final transmission charge matrix and response to comments on November 5, 2002.³ In its pleading, Staff requested that the final transmission payment matrix be accepted by the Commission and used for calculating transmission service charges in this proceeding.

Discussion of Parties' Comments and Commission Conclusion

Comments on the revised matrix were received from the following parties: Big Country Electric Cooperative, Inc. (Big Country); Magic Valley Electric Cooperative, Inc. (Magic Valley); Texas Municipal Power Agency (TMPA); Rio Grande Electric Cooperative, Inc. (Rio Grande); Oncor Electric Delivery Company (Oncor); Centerpoint Energy Houston Electric, LLC (Centerpoint); Central Power and Light Company and West Texas Utilities Company (AEP Operating Companies); and GEUS (formerly known as Greenville Electric Utility System). Additionally, reply comments were filed by Bryan, Texas Utilities, Inc. (BTU), and the Cities of Garland and Denton. TMPA asserted that the matrix should be revised to show it as the payment agent for each of its member cities, Garland, Greenville, Denton, and Bryan. TMPA asserted that each of the cities receives bundled

² On November 4, 2002, ERCOT filed a corrected report. ERCOT indicated that it had inadvertently failed to incorporate earlier corrections made to its initial January 24, 2002 report relating to the loads of Denton Municipal Electric, City of Garland, and Greenville Electric Utility System. Also, ERCOT corrected errors relating to the load of Brazos Electric Power Cooperative.

³ On November 1, 2002, Staff filed its final transmission charge matrix, as required by Order No. 18. Staff withdrew this filing after learning of an error in the information submitted by ERCOT. The corrected information was filed by ERCOT on November 4, 2002.

wholesale power service from TMPA and that each city has designated TMPA as its agent for payment of transmission service pursuant to a power sales contract. BTU filed reply comments disagreeing with TMPA's comments as they relate to BTU. The Commission has previously addressed these issues and has consistently ruled that BTU does not receive bundled wholesale power service from TMPA and has consistently refused to make the change suggested by TMPA as it relates to BTU. For these reasons, Staff made the change suggested by TMPA concerning its member cities, but has not changed the matrix concerning the load for BTU.

Centerpoint suggested that the matrix be revised to include the interim rates currently charged by the Lower Colorado River Authority (LCRA) pursuant to Order No. 6 in Docket No. 25421.⁴ Staff disagreed. Including an interim rate would unnecessarily complicate the calculation of the matrix and would raise additional complications of calculation and surcharge/refund if the final rate differs from the interim rate. For these reasons, the most recent final rate is used in the matrix. If a new final rate becomes effective after the annual transmission charge matrix is approved, the new final rate should be reflected in the annual transmission charge matrix for the following year. In the interim, the transmission service provider (LCRA in this case) should separately charge for the increment of charges between the matrix charge and the interim rate. Any refund or surcharge calculation would only involve this increment and would not affect the calculation of the matrix.

II. Findings of Fact and Conclusions of Law

A. Findings of Fact

1. P.U.C. SUBST. R. 25.191 requires utilities that own transmission facilities to provide open-access transmission service. P.U.C. SUBST. R. 25.192 establishes a pricing mechanism for utilities in ERCOT.
2. This proceeding was initiated by an application filed by Staff on November 12, 2001 to establish the transmission charges for 2002. Notice of the proceeding was provided to persons who participated in P.U.C. Docket No. 24418, *Commission Staff's Application to Set 2001 Wholesale Transmission Service Charges for the Electric Reliability Council of Texas*, and was also provided by publication in the *Texas Register*.

3. On December 4, 2001, the ALJ entered Order No. 1, establishing the intervention deadline in this proceeding as January 8, 2002, and granting motions to intervene filed by various parties.
4. On December 11, 2001, Order No. 3 adopted a procedural schedule requiring ERCOT to file the updated 4CP data by December 20, 2001, requiring Staff to file its draft matrix by January 10, 2002, and permitting parties to file comments and reply comments prior to Staff's filing of its proposed final matrix on February 7, 2002.
5. On December 20, 2001, ERCOT filed its updated report on the monthly coincident peak loads in the ERCOT system for the months of June, July, August and September 2001.
6. On January 10, 2002, Staff filed its draft 2002 Transmission Charge Matrix and notice that a technical conference would be convened on January 17, 2002 to discuss ERCOT's calculation of the 4CP and Staff's preparation of the matrix.
7. On January 24, 2002, various parties filed comments on the draft matrix. Reliant Energy, Incorporated (now CenterPoint Energy), South Texas Electric Cooperative, Inc., Medina Electric Cooperative, Inc., City of College Station, Central Power and Light Company and West Texas Utilities Company, Sharyland Utilities, L.P., and LCRA Transmission Services Corporation (Joint Applicants) requested that the Commission establish in this proceeding an interim 2002 net payment matrix. The parties asserted that the proposed net payment matrix filed by Staff on January 10, 2002, as amended and agreed to by the parties, should be approved on an interim basis with the requirement that the charges be reconciled with the net payment matrix that will ultimately be approved in this proceeding. The City of Austin filed its motion supporting the joint motion on January 29, 2002.
8. On February 5, 2002, Order No. 4 established a prehearing conference for February 13, 2002.
9. As a result of the prehearing conference, Order No. 5, filed February 13, 2002, established a procedural schedule.
10. On February 15, 2002, Reliant submitted a proposed interim order in response to the ALJ's request at the prehearing conference, for interim approval of the net transmission payment matrix to be used for billing 2002 wholesale transmission service charges within ERCOT, subject to refund or credit based on the final approved matrix.

⁴ *Application of LCRA Transmission Services Corporation to Change Rates for Transmission and Transformation Utility Cost of Service*, Docket No. 25421 (pending).

11. On February 19, 2002, an interim payment matrix was approved subject to refund or credit.
12. On April 30, 2002, Order No. 8 adopted a proposed procedural schedule and required status reports from ERCOT.
13. On May 22, 2002, Order No. 9 granted an extension of the procedural schedule as requested by Reliant.
14. On June 6, 2002, Order No. 10 adopted a proposed procedural schedule submitted by Staff in response to Order No. 9.
15. On July 12, 2002, ERCOT filed a motion to delay its final calculations, and on July 15, 2002, Order No. 11 was entered allowing time for comments.
16. On July 31, 2002, Order No. 12 was entered requiring a joint status report from Reliant, ERCOT, and Staff detailing the actions needed to finalize activity in this proceeding and firm dates that may be relied upon for completion of that activity.
17. On August 13, 2002, Order No. 13 was entered requiring a response from Staff to Brazos' comments filed August 9, 2002, on Staff's revised transmission charge matrix.
18. On September 16, 2002, Order No. 15 was entered requiring additional information from ERCOT with an explanation of additional meter data errors encountered and a proposed revised procedural schedule.
19. On October 18, 2002, Staff filed its revised transmission charge matrix, asserting that the 4CP updated and matrix should be corrected to include TMLPA as a transmission customer/agent for payment for the Gibbons Creek power serving its native load wholesale customers, the Member Cities. The 4CP Update and Matrix should be corrected, they noted, to include load responsibility for Gibbons Creek power serving Denton, Garland, and Greenville for June and July 2001.
20. More than 15 days have passed since completion of notice in this proceeding. No party requested an evidentiary hearing in this case.
21. The following are admitted in evidence in this proceeding: (1) Staff's application, filed November 12, 2001; (2) ERCOT's Report of "4CP" Coincident Peak Load in the ERCOT Region, filed December 3, 2001; (3) Notice to *Texas Register*, filed December 4, 2001; (4) Staff's motion to approve schedule, filed December 7, 2001; (6) ERCOT's updated 4CP report, filed December 20, 2001; (5) Joint motion to established an interim matrix, filed January 24, 2002; (6) Interim Order, filed February 19, 2002; (7) Revised transmission charge

matrix, filed October 18, 2002; (8) ERCOT's Final Corrected Report on "4CP" Coincident Peak Load in the ERCOT Region, filed November 4, 2002; and (9) Staff's revised final transmission charge matrix and attachments, filed November 5, 2002.

B. Conclusions of Law

1. The Commission has jurisdiction over this matter pursuant to Public Utility Regulatory Act §§ TEX. UTIL. CODE ANN. 11.001-64.158 (Vernon 1998 & Supp. 2002) (PURA) §§ 31.001, 35.002, 35.004-35.007, and 38.022. Notice of this application was provided in compliance with P.U.C. PROC. R. 22.54 and all other applicable laws and regulations.
2. PURA § 31.001(c) includes a legislative finding that the wholesale electric industry is becoming more competitive and does not lend itself to traditional regulatory rules, policies and principles and that it is in the public interest to formulate and apply new rules, policies and principles to protect the public interest in a more competitive marketplace. The Legislature also concluded that the development of a competitive wholesale marketplace that allows for increased participation by both utilities and certain non-utilities is in the public interest.
3. The definition of electric utility in PURA § 35.001 includes municipal utilities.
4. P.U.C. SUBST. R. 25.191(d) provides as follows:
Obligation to provide transmission service. Each transmission service provider (TSP) in ERCOT shall provide transmission service in accordance with the provisions of Division 1 of this subchapter.
5. The transmission rates and charges shown in the attached matrices are consistent with PURA and P.U.C. SUBST. R. 25.192 and 25.194, and are just and reasonable. The charges from each transmission owner to each transmission customer, based on these rates, and the netting of payments from one utility to another, are reasonable charges for transmission service for 2002.
6. This is not a major rate proceeding as defined by P.U.C. PROC. R. 22.2.
7. The requirements for information disposition under P.U.C. PROC. R. 22.35 have been met in this proceeding except that P.U.C. PROC. R. 22.35(b)(2) requires the presiding officer to serve the proposed order on all parties no less than 20 days before the commission is scheduled to consider the matter in open meeting. Good cause exists to waive this 20 day requirement because of the importance to the parties of having a final payment matrix at the earliest possible date prior to the end of the year.

III. Ordering Paragraphs

For the reasons set forth above, the Commission hereby enters the following Orders:

1. The attached matrices (including the Parameters marked Attachment A and the 2002 Net Matrix Payment matrix marked Attachment B) are adopted for use in calculating the transmission charges for transmission customers in ERCOT. The charges shown in these matrices are approved for 2002.
2. This Order does not affect the validity or continuing application of an order or rate schedule approved by the Federal Energy Regulatory Commission that provides for transmission service on different terms.
3. All other motions, requests for entry of specific findings of fact and conclusions of law, and any other requests for general or specific relief, if not expressly granted herein, are hereby denied for want of merit.

SIGNED AT AUSTIN, TEXAS on the _____ day of December 2002.

PUBLIC UTILITY COMMISSION OF TEXAS

REBECCA KLEIN, CHAIRMAN

BRETT A. PERLMAN, COMMISSIONER

JULIE CARUTHERS PARSLEY, COMMISSIONER

Public Utility Commission of Texas

Docket No. 25002

Application to set 2002 Wholesale Transmission Charges for ERCOT

Parameters

			From ERCOT Filing		
Transmission Owners/Load Entities		TCOS	From	2001	Access Fee (\$/KW)
			Docket No.	Average 4CP (KW)	
AEP Central Power and Light	ACPL	\$103,022,000	22352	3,700,817.9	\$1.81377
AEP West Texas Utilities	AWTU	\$33,770,000	22354	1,273,310.5	\$0.59454
Austin Energy	AENX	\$31,402,928	15645	2,098,768.0	\$0.68887
Bandera Electric Coop	BAND			90,830.1	
Bastrop, City of	BAST			11,739.9	
Bellville, City of	BELV			12,290.9	
Big Country Electric Coop	BCEC	\$71,816	25718	25,607.2	\$0.00136
Bluebonnet Electric Coop	BLUE			279,939.7	
Boerne, City of	BOER			19,457.1	
Brazos Electric Coop	BEPC	\$37,777.201	25960	1,677,575.3	\$0.71647
Brazos Power Marketing	BPMX			4,616.7	
Brenham, City of	BRNM			58,868.1	
Brownsville Public Utilities Board	BPUB	\$962,807	15763	212,488.9	\$0.02112
Bryan Texas Utilities	BRYN	\$5,029,365	22616	232,793.2	\$0.08855
Burnet, City of	BRNT			13,124.8	
Cap Rock Electric	HUCO2			20,182.4	
Cap Rock Electric - LCRA	HUCO1			17,995.9	
Central Texas Electric Coop	CTEC			81,767.2	
Cherokee County Electric Coop	CCECA	\$75,080	15769		\$0.00165
City Public Service	CPST	\$48,000,000	22532	3,662,736.1	\$0.93500
Coleman County Electric Coop	CCEC	\$56,015	15679	19,280.1	\$0.00123
College Station, City of	COCS	\$495,211	15762	138,601.2	\$0.01086
City of Coleman	COLE			7,126.4	
Concho Valley Electric Coop	CVEC	\$115,520	15716	35,670.5	\$0.00253
Cuero, City of	CUER			23,633.6	
Deep East Texas Electric Coop	DETEC	\$56,064	15583		\$0.00123
Denton Municipal Electric	DMEX	\$768,620	15767	147,353.5	\$0.01686
Dewitt Electric Coop	DWEC			18,617.6	
East Texas Electric Coop	ETEC	\$73,207	15843		\$0.00161
Fannin Electric Coop	FANN	\$78,542	24312		\$0.00143
Farmers Electric Coop	FECX	\$521,237	15844		\$0.01143
Fayette Electric Coop	FAYT			36,536.1	
Flatonia, City of	FLAT			4,593.4	
Floresville Electric Power System	FEPS	\$260,322	15727		\$0.00571
Fredericksburg, City of	FRED			27,341.2	
Garland Power and Light	GARL	\$5,583,620	15808	243,231.9	\$0.12249
Georgetown, City of	GTWN			75,591.4	
Giddings, City of	GIDN			12,392.5	
Goldthwaite, City of	GLDW			4,755.1	
Gonzales, City of	GONZ			16,025.4	
Granbury, City of	GRBX			17,872.2	
Grayson County Electric Coop	GCEC	\$190,144	12369		\$0.00417
Greenville Electric Utility System	GEUS	\$1,538,785	15812	47,867.3	\$0.03376
Guadalupe Valley Electric Coop	GVEC			204,881.8	
Hallettsville, City of	HLTS			8,510.0	
Hamilton County Electric Coop	HAMC			22,836.7	
Hearne, City of	HERN			11,032.7	
Hempstead, City of	HEMP			11,601.0	

Public Utility Commission of Texas
Docket No. 25002
Application to set 2002 Wholesale Transmission Charges for ERCOT
Parameters

		From ERCOT Filing			
Transmission Owners/Load Entities		TCOS	From	2001	Access Fee (\$/KW)
			Docket No.	Average 4CP (KW)	
Houston County Electric Coop	HCEC	\$173,378	15583		\$0.00380
Kerrville Public Utility Board	KPUB			95,605.0	
LaGrange Utilities	LGRG			14,888.0	
Lamar County Electric Coop	LCEC	\$79,417	18604		\$0.00164
Lampasas, City of	LMPS			19,832.0	
Lexington, City of	LXGN			2,690.3	
Lighthouse Electric Coop	LHEC			1,431.3	
Llano, City of	LLAN			9,742.5	
Lockhart, City of	LKHT			21,762.3	
Lower Colorado River Authority	LCRA	\$85,877,168	22533		\$1.51192
Luling, City of	LULG			10,687.0	
Lyntegar Electric Coop	LYEC			23,156.6	
Magic Valley Electric Coop	MVEC	\$2,806,105	26181	203,979.0	\$0.05322
Mason, City of	MASN			4,853.5	
Medina Electric Coop	MECX	\$1,428,893	15893	82,659.8	\$0.03134
Moulton, City of	MULT			2,194.4	
New Braunfels Utilities	NWBU			171,769.1	
Pedernales Electric Coop -LCRA	PECX2			727,655.5	
Pedernales Electric Coop -AEP	PECX1			3,466.9	
Rayburn Country	RCEC	\$1,111,482	21265	377,172.2	\$0.02142
Reliant Energy HL&P - Centerpoint	REIL-CEN	\$221,303,967	22355	13,185,159.5	\$3.89620
Rio Grande Electric Coop	RGEC1	\$129,826	15634	9,441.9	\$0.00285
Rio Grande Electric Coop- LCRA	RGEC2			38.7	
San Bernard Electric Coop	SBEC			82,107.2	
San Marcos, City of	SANM			88,669.3	
San Miguel Electric Coop	SMEC	\$2,089,523	15631		\$0.04584
San Saba, City of	SNSB			8,332.4	
Schulenberg, City of	SCHL			11,136.6	
Seguin, City of	SEGN			54,442.4	
Sharyland Utilities	SHRY	\$1,119,945	22348	3,705.5	\$0.01972
Shiner, City of	SHNR			8,847.6	
Smithville, City of	SMTH			9,388.7	
South Texas Electric Coop	STEC	\$18,606,800	23638	242,281.2	\$0.32758
Southwest Texas Electric Coop	SWTE	\$26,032	11777	22,210.8	\$0.00057
Taylor Electric Coop	TECX	\$83,635	15841	39,142.9	\$0.00183
Texas Municipal Power Agency	TMPA	\$28,600,840	21711	364,800.2	\$0.55712
Texas-New Mexico Power Company	TNMP	\$17,100,000	22349	1,142,434.9	\$0.30106
Tex-La Electric Coop	TXLA			72,572.3	
Trinity Valley Electric Coop	TVEC	\$536,263	15892		\$0.01176
TXU-Oncor	TXU-ONCOR	\$250,510,263	25385	20,891,711.7	\$4.75107
Waelder, City of	Wael			2,713.4	
Weatherford, City of	WEAT			60,424.9	
Weimer, City of	WEIM			7,061.5	
Yoakum, City of	YOKM			16,725.4	
TOTAL		901,432,020		52,727,134.8	\$16.61358
Total ERCOT Postage Stamp Rate \$/KW		\$16.61358			

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Public Utility Commission of Texas
Docket No. 25002
Application to set 2002 Wholesale Transmission Charges for ERCOT
Parameters

			From ERCOT Filing		
			From	2001	
Transmission Owners/Load Entities		TCOS	Docket No.	Average 4CP (KW)	Access Fee (\$/KW)
ADJUSTMENTS					
Big Country Electric Coop. (2003)	BCEC	\$140,467	25718	2002 4CP	\$0.00266
Big Country Elec. Coop.	BCEC	New TCOS	New Rate	Old TCOS	Old Rate
		Partial Year	Partial Year	Partial Year	Partial Year
		\$0.00266	\$0.00266	\$0.00067	\$0.00067
		X 52,727,134.8	X 127 Days	X 52,727,134.8	X 238 Days
		X 127 Days	\$0.33768	X 238 Days	\$0.15875
		\$17,804,915	/365 Days	\$8,407,869	/365 Days
		/365 Days	\$0.00093	/365 Days	\$0.00043
		\$48,781		\$23,035	
		Adjusted		Adjusted	
		2002 TCOS		2002 Rate	
Big Country Elec. Coop. (Total for 2002)		\$71,816			\$0.00136
TXU-ONCOR (2003)	TXU-ONCOR	\$271,469,000	25385	2002 4CP	\$4.77938
TXU-ONCOR ** Final Approval Granted on June 20, 2002, but Partial Year Calculation Begins from date of Interim Implementation, May 1, 2002	TXU-ONCOR	New TCOS	New Rate	Old TCOS	Old Rate
		Partial Year	Partial Year	Partial Year	Partial Year
		\$4.77938	\$4.77938	\$4.69326	\$4.69326
		X 52,727,134.8	X 245 Days	X 52,727,134.8	X 120 Days
		X 245 Days	\$1,171	X 120 Days	\$563.19120
		\$61,740,787,531	/365 Days	\$29,695,458,321	/365 Days
		/365 Days	\$3.20808	/365 Days	\$1.54299
		\$169,152,843		\$81,357,420	
		Adjusted		Adjusted	
		2002 TCOS		2002 Rate	
TXU-ONCOR (Total for 2002)		\$250,510,263			\$4.75107
Magic Valley (2003)	MVEC	\$3,323,987	26181	2002 4CP	\$0.06292
Magic Valley	MVEC	New TCOS	New Rate	Old TCOS	Old Rate
		Partial Year	Partial Year	Partial Year	Partial Year
		\$0.06292	\$0.06292	\$0.05096	\$0.05096
		X 52,727,134.8	X 69 Days	X 52,727,134.8	X 296 Days
		X 69 Days	\$4.34143	X 296 Days	\$15.08364
		\$228,911,254	/365 Days	\$795,316,967	/365 Days
		/365 Days	\$0.01189	/365 Days	\$0.04133
		\$627,154		\$2,178,951	
		Adjusted		Adjusted	
		2002 TCOS		2002 Rate	
Magic Valley (Total for 2002)		\$2,806,105			\$0.05322
Brazos (2003)	BEPC	\$41,018,476	25960	2002 4CP	\$0.77522
Brazos	BEPC	New TCOS	New Rate	Old TCOS	Old Rate
		Partial Year	Partial Year	Partial Year	Partial Year
		\$0.77522	\$0.77522	\$0.70277	\$0.70277
		X 52,727,134.8	X 69 Days	X 52,727,134.8	X 296 Days
		X 69 Days	\$53.49018	X 296 Days	\$208.01992
		\$2,820,383,931	/365 Days	\$10,968,294,363	/365 Days
		/365 Days	\$0.14655	/365 Days	\$0.56992
		\$7,727,079		\$30,050,122	
		Adjusted		Adjusted	
		2002 TCOS		2002 Rate	
Brazos (Total for 2002)		\$37,777,201			\$0.71647

Public Utility Commission of Texas
Docket No. 25002
Application to set 2002 Wholesale Transmission Charges for ERCOT
Parameters


			From ERCOT Filing		
			From	2001	
Transmission Owners/Load Entities		TCOS	Docket No.	Average 4CP (KW)	Access Fee (\$/KW)
Lower Colorado River Authority (2003)	LCRA	Pending	25421	2002 4CP	Pending
Lower Colorado River Authority	LCRA	Interim TCOS	Interim Rate	Current Rate	Interim Rate
		Increment	Increment	1.511922	1.63
		\$0.11808	\$0.11808	Rate Increment	
		X 52,727,134.8	X 215 Days	1.63-1.511922=	
		X 215 Days	\$25	\$0.11808	
		\$1,338,594,317	/365 Days		
		/365 Days	\$0.06955		
		\$3,667,382			

Public Utility Commission of Texas
Docket No. 25002
Application to set 2002 Wholesale Transmission Charges for ERCOT
Net Payment Matrix

	ACPL	AWTU	ARENX	BAND	BAST	BRELY	BOCC	BLUE	BOER	BEPC	BPMX	BRNM	BPUB	BRVN	BRNT	HUCO2	HUCO1	CTEC	COCCA	CPST
	\$0	\$109,197	\$1,257,268	\$164,745	\$21,293	\$27,293	\$41,412	\$507,746	\$35,291	\$391,221	\$8,374	\$106,773	\$307,242	\$54,543	\$23,805	\$36,606	\$10,699	\$148,307	\$6,095	\$181,090
ACPL	\$0	\$109,197	\$1,257,268	\$164,745	\$21,293	\$27,293	\$41,412	\$507,746	\$35,291	\$391,221	\$8,374	\$106,773	\$307,242	\$54,543	\$23,805	\$36,606	\$10,699	\$148,307	\$6,095	\$181,090
AWTU	\$0	\$0	\$370,658	\$54,002	\$6,980	\$7,987	\$11,493	\$166,436	\$11,568	\$85,106	\$2,745	\$166,436	\$99,440	\$25,660	\$7,803	\$11,999	\$3,640	\$48,014	\$2,097	\$987,107
ARENX	\$0	\$1,257,268	\$0	\$62,570	\$8,067	\$8,467	\$14,266	\$192,843	\$13,403	\$348,061	\$3,180	\$40,553	\$102,050	\$25,471	\$9,041	\$13,903	\$12,397	\$56,327	\$3,457	\$560,809
BAND	\$0	\$54,002	\$605,570	\$0	\$0	\$0	\$-124	\$0	\$0	\$-66,077	\$0	\$0	\$-1,918	\$8,043	\$0	\$0	\$0	\$0	\$-150	\$-84,926
BAST	\$0	\$6,980	\$8,067	\$0	\$0	\$0	\$-88,411	\$0	\$0	\$-88,411	\$0	\$0	\$-8,248	\$-1,040	\$0	\$0	\$0	\$0	\$0	\$-10,977
BRELY	\$0	\$7,987	\$8,467	\$0	\$0	\$0	\$-17	\$0	\$0	\$-88,806	\$0	\$0	\$-8,260	\$1,088	\$0	\$0	\$0	\$0	\$-20	\$-11,492
BECC	\$0	\$13,493	\$14,786	\$124	\$16	\$17	\$381	\$381	\$26	\$-16,065	\$6	\$80	\$-252	\$-1,951	\$18	\$27	\$24	\$111	\$-42	\$-18,961
BLUE	\$0	\$166,436	\$192,843	\$0	\$0	\$0	\$-381	\$0	\$0	\$-200,567	\$0	\$0	\$-5,913	\$-524,767	\$0	\$0	\$0	\$0	\$-461	\$-261,743
BOER	\$0	\$11,568	\$13,403	\$0	\$0	\$0	\$-13,940	\$0	\$0	\$-13,940	\$0	\$0	\$-411	\$-17,223	\$0	\$0	\$0	\$0	\$-32	\$-18,192
BOEP	\$-391,221	\$-85,106	\$348,061	\$65,077	\$8,411	\$8,806	\$16,065	\$206,567	\$13,940	\$0	\$3,308	\$42,177	\$16,010	\$18,247	\$9,403	\$14,460	\$12,893	\$38,383	\$-2,763	\$1,055,694
BPMX	\$0	\$8,374	\$2,745	\$0	\$0	\$0	\$-6	\$0	\$0	\$-3,308	\$0	\$0	\$-2,948	\$-409	\$0	\$0	\$0	\$0	\$0	\$-4,317
BRNM	\$0	\$106,773	\$166,436	\$11,568	\$0	\$0	\$-80	\$0	\$0	\$-42,177	\$0	\$0	\$-1,243	\$0	\$0	\$0	\$0	\$0	\$-97	\$-55,042
BPUB	\$0	\$307,242	\$99,440	\$1918	\$248	\$260	\$252	\$5,913	\$411	\$-16,810	\$98	\$1,243	\$0	\$-813,898	\$277	\$426	\$380	\$1,727	\$350	\$-121,318
BRVN	\$0	\$23,805	\$25,471	\$8,043	\$1,040	\$1,088	\$1,951	\$24,767	\$1,223	\$-18,247	\$409	\$5,212	\$13,998	\$1,162	\$1,787	\$1,593	\$7,240	\$7,240	\$-383	\$106,656
BRNT	\$0	\$27,293	\$8,467	\$10,403	\$0	\$0	\$-18	\$0	\$0	\$-9,403	\$0	\$0	\$-77	\$1,162	\$0	\$0	\$0	\$0	\$-22	\$-12,272
HUCO2	\$0	\$11,999	\$13,903	\$0	\$0	\$0	\$-27	\$0	\$0	\$-14,460	\$0	\$0	\$-426	\$-1,787	\$0	\$0	\$0	\$0	\$-53	\$-18,871
HUCO1	\$0	\$3,640	\$12,397	\$0	\$0	\$0	\$-24	\$0	\$0	\$-12,893	\$-24	\$0	\$-830	\$-1,593	\$0	\$0	\$0	\$0	\$-30	\$-16,826
CTEC	\$0	\$148,307	\$56,327	\$0	\$0	\$0	\$-111	\$0	\$0	\$-58,383	\$0	\$0	\$-1,720	\$-7,240	\$0	\$0	\$0	\$0	\$-135	\$-76,452
COCCA	\$0	\$6,095	\$3,457	\$150	\$19	\$20	\$42	\$601	\$32	\$2,763	\$8	\$97	\$2,735	\$393	\$22	\$33	\$30	\$135	\$0	\$6,033
CPST	\$-181,090	\$-987,107	\$-500,809	\$84,926	\$10,977	\$11,492	\$18,961	\$206,743	\$18,192	\$-1,055,694	\$4,317	\$55,042	\$121,318	\$-106,656	\$12,272	\$18,871	\$16,826	\$76,452	\$6,033	\$0
COCC	\$-530,386	\$-530,386	\$-530,386	\$112	\$14	\$21	\$344	\$5	\$6	\$-11,738	\$6	\$73	\$-146	\$-1,419	\$16	\$25	\$25	\$100	\$-32	\$-13,308
COCS	\$-821,147	\$-688,572	\$-821,147	\$987	\$128	\$134	\$134	\$304	\$236	\$639	\$50	\$639	\$-81,079	\$-9,744	\$143	\$219	\$195	\$888	\$-238	\$-89,803
COLE	\$-12,926	\$-4,237	\$-4,909	\$0	\$0	\$0	\$-10	\$0	\$0	\$-55,106	\$0	\$0	\$-151	\$-631	\$0	\$0	\$0	\$0	\$-12	\$-56,663
CUEC	\$-335,320	\$-17,981	\$-192,54	\$230	\$30	\$31	\$16	\$709	\$49	\$-21,306	\$12	\$149	\$-215	\$-2,569	\$33	\$51	\$46	\$207	\$-59	\$-34,070
CUER	\$-542,866	\$-14,051	\$-612,281	\$0	\$0	\$0	\$-32	\$0	\$0	\$-16,933	\$0	\$0	\$-499	\$-2,993	\$0	\$0	\$0	\$0	\$-39	\$-32,097
DETEC	\$-24,551	\$1,566	\$2,581	\$112	\$14	\$15	\$344	\$344	\$24	\$2,063	\$6	\$34	\$261	\$386	\$16	\$25	\$22	\$101	\$0	\$4,503
DMEX	\$-604,866	\$-666,139	\$-666,121	\$1,531	\$198	\$207	\$331	\$4,720	\$328	\$-77,288	\$78	\$993	\$793	\$-93,12	\$221	\$340	\$303	\$1,379	\$-243	\$-76,019
DMEC	\$-33,768	\$-11,069	\$-12,825	\$0	\$0	\$0	\$-25	\$0	\$0	\$-13,339	\$0	\$0	\$-393	\$-1,648	\$0	\$0	\$0	\$0	\$-31	\$-17,407
ETEC	\$5,943	\$2,045	\$3,370	\$146	\$19	\$20	\$37	\$450	\$31	\$2,694	\$7	\$95	\$341	\$374	\$21	\$32	\$29	\$131	\$0	\$5,882
FANN	\$5,286	\$1,819	\$2,998	\$130	\$17	\$18	\$400	\$84	\$38	\$2,596	\$7	\$84	\$304	\$333	\$19	\$34	\$26	\$117	\$0	\$5,232
FECC	\$42,316	\$14,559	\$23,998	\$1,039	\$134	\$141	\$222	\$19,182	\$222	\$19,182	\$53	\$673	\$2,430	\$2,662	\$150	\$231	\$206	\$935	\$0	\$41,880
FAYT	\$-666,268	\$-21,722	\$-425,169	\$0	\$0	\$0	\$-59	\$0	\$0	\$-26,177	\$0	\$0	\$-772	\$-3,235	\$0	\$0	\$0	\$0	\$-60	\$-34,161
FLAT	\$-8,331	\$-2,721	\$-3,164	\$0	\$0	\$0	\$-6	\$0	\$0	\$-3,291	\$0	\$0	\$-97	\$-807	\$0	\$0	\$0	\$0	\$-8	\$-54,295
FRED	\$21,134	\$7,271	\$11,985	\$519	\$67	\$70	\$146	\$1,999	\$111	\$9,380	\$26	\$36	\$1,213	\$1,329	\$75	\$115	\$103	\$467	\$0	\$20,916
FREPS	\$-449,590	\$-16,255	\$-18,835	\$0	\$0	\$0	\$-37	\$0	\$0	\$-19,589	\$0	\$0	\$-127	\$-82,431	\$0	\$0	\$-54	\$0	\$-45	\$-35,564
GARL	\$12,130	\$11,350	\$89,513	\$11,125	\$1,438	\$1,503	\$2,806	\$34,289	\$2,383	\$6,973	\$563	\$7,210	\$20,800	\$6,077	\$1,698	\$2,472	\$2,204	\$10,015	\$-401	\$231,210
GTWN	\$-137,105	\$-44,942	\$-52,073	\$0	\$0	\$0	\$-103	\$0	\$0	\$-54,159	\$0	\$0	\$-1,597	\$-6,093	\$0	\$0	\$0	\$0	\$-124	\$-70,678
GUDN	\$-22,477	\$-7,568	\$-8,537	\$0	\$0	\$0	\$-17	\$0	\$0	\$-8,979	\$0	\$0	\$-362	\$-1,997	\$0	\$0	\$0	\$0	\$-20	\$-11,587
GLDW	\$-8,625	\$-2,827	\$-3,276	\$0	\$0	\$0	\$-6	\$0	\$0	\$-3,407	\$0	\$0	\$-100	\$-421	\$0	\$0	\$0	\$0	\$-8	\$-8,446
GONZ	\$-29,066	\$-9,528	\$-11,039	\$0	\$0	\$0	\$-22	\$0	\$0	\$-11,482	\$0	\$0	\$-377	\$-1,419	\$0	\$0	\$0	\$0	\$-29	\$-14,984
GREX	\$-12,416	\$-10,626	\$-12,312	\$0	\$0	\$0	\$-104	\$0	\$0	\$-12,805	\$0	\$0	\$-377	\$-1,582	\$0	\$0	\$0	\$0	\$-29	\$-16,710
GRCX	\$15,436	\$5,311	\$8,754	\$379	\$49	\$51	\$168	\$1,168	\$81	\$6,997	\$19	\$246	\$886	\$971	\$55	\$84	\$75	\$341	\$0	\$15,278
GLDS	\$38,105	\$14,522	\$37,871	\$3,066	\$396	\$415	\$799	\$9,450	\$657	\$22,332	\$156	\$1,987	\$6,162	\$3,620	\$443	\$681	\$607	\$2,760	\$-79	\$78,982
GVTS	\$-371,608	\$-121,811	\$-41,137	\$0	\$0	\$0	\$-279	\$0	\$0	\$-146,791	\$0	\$0	\$-4,327	\$-18,141	\$0	\$0	\$0	\$0	\$-337	\$-191,564
HL TS	\$-15,435	\$-35,609	\$-55,862	\$0	\$0	\$0	\$-12	\$0	\$0	\$-6,097	\$0	\$0	\$-170	\$-754	\$0	\$0	\$0	\$0	\$-14	\$-57,857
HAMC	\$-41,430	\$-15,572	\$-31,572	\$0	\$0	\$0	\$-31	\$0	\$0	\$-16,362	\$0	\$0	\$-482	\$-2,022	\$0	\$0	\$0	\$0	\$-38	\$-21,352
HEAN	\$-56,559	\$-20,011	\$-57,600	\$0	\$0	\$0	\$-15	\$0	\$0	\$-7,905	\$0	\$0	\$-233	\$-977	\$0	\$0	\$0	\$0	\$-18	\$-10,316
HEMP	\$-21,042	\$-6,897	\$-7,992	\$0	\$0	\$0	\$-16	\$0	\$0	\$-8,312	\$0	\$0	\$-245	\$-1,027	\$0	\$0	\$0	\$0	\$-19	\$-10,947
HCCE	\$14,075	\$4,843	\$7,982	\$345	\$45	\$47	\$97	\$1,065	\$74	\$6,380	\$18	\$224	\$208	\$885	\$50	\$77	\$68	\$311	\$0	\$13,031
KPUB	\$-173,405	\$-56,841	\$-65,860	\$0	\$0	\$0	\$-30	\$0	\$0	\$-68,498	\$0	\$0	\$-3,309	\$-8,465	\$0	\$0	\$0	\$0	\$-157	\$-89,391
LGBC	\$-27,003	\$-8,852	\$-10,256	\$0	\$0	\$0	\$-42	\$0	\$0	\$-10,667	\$0	\$0	\$-314	\$-1,318	\$0	\$0	\$0	\$0	\$-25	\$-13,020
LECC	\$6,083	\$2,093	\$3,450	\$149	\$19	\$20	\$32	\$460	\$32	\$2,737	\$8	\$97	\$349	\$383	\$22	\$33	\$30	\$134	\$0	\$6,020
LUPS	\$-35,971	\$-11,791	\$-13,662	\$0	\$0	\$0	\$-27	\$0	\$0	\$-14,209	\$0	\$0	\$-419	\$-1,756	\$0	\$0	\$0	\$0	\$-33	\$-18,543
LXGN	\$-81,599	\$-1,853	\$-4,879	\$0	\$0	\$0	\$-54	\$0	\$0	\$-5,927	\$0	\$0	\$-57	\$-238	\$0	\$0	\$0	\$0	\$0	\$-25,315
LHEC	\$-2,596	\$-851	\$-986	\$0	\$0	\$0	\$-82	\$0	\$0	\$-1,025	\$0	\$0	\$-30	\$-127	\$0	\$0	\$0	\$0	\$-82	\$-11,338

2002 Net Matrix Payment
 Rowwise: A negative number represents a payment from a row entity to a column entity, positive a receipt to a row entity from a column entity

Public Utility
 Docket No.
 Application
 Net Payment

 - outflow
 + Inflow

Rowwise:
 A negative number represents a payment from a row entity to a column entity
 A positive number represents a receipt to a row entity from a column entity

	CCSC	COCS	COLE	CVEC	CUEA	DETEC	DMEX	DWEC	ETEC	FANN	FECC	FAYT	FLAT	FEPS	FRCD	GARL	GTWN	GIDN	GLDW	GONZ
ACPL	\$30,386	\$211,187	\$12,926	\$55,320	\$42,866	\$4,551	\$294,866	\$33,768	\$5,943	\$5,286	\$43,316	\$66,258	\$8,331	\$21,134	\$49,590	\$12,130	\$137,105	\$24,477	\$8,625	\$29,066
AWTL	\$9,886	\$68,572	\$4,337	\$17,981	\$14,051	\$1,566	\$66,139	\$11,069	\$2,045	\$1,819	\$14,559	\$31,722	\$2,731	\$7,271	\$16,255	\$11,350	\$44,942	\$7,368	\$2,827	\$9,528
AEWA	\$10,689	\$7,679	\$4,069	\$19,254	\$16,281	\$2,581	\$66,121	\$12,825	\$3,370	\$2,598	\$23,998	\$25,169	\$3,164	\$11,985	\$18,835	\$89,513	\$52,073	\$8,537	\$3,276	\$11,039
BAND	\$-112	\$-987	\$0	\$-320	\$0	\$-112	\$-1,531	\$0	\$-146	\$-130	\$-1,039	\$0	\$0	\$-19	\$0	\$-1,125	\$0	\$0	\$0	\$0
BAST	\$-14	\$-128	\$0	\$-30	\$0	\$-14	\$-198	\$0	\$-19	\$-17	\$-134	\$0	\$0	\$-567	\$0	\$-1,438	\$0	\$0	\$0	\$0
BELV	\$-15	\$-134	\$0	\$-31	\$0	\$-15	\$-297	\$0	\$-20	\$-18	\$-141	\$0	\$0	\$-70	\$0	\$-1,505	\$0	\$0	\$0	\$0
BOEC	\$-5	\$-90	\$10	\$-16	\$32	\$-31	\$-231	\$25	\$-41	\$-37	\$-293	\$50	\$6	\$-146	\$37	\$-2,806	\$103	\$17	\$6	\$22
BLUE	\$-344	\$-1,041	\$0	\$-709	\$0	\$-344	\$-4,720	\$0	\$-450	\$-400	\$-3,201	\$0	\$0	\$-1,599	\$0	\$-34,389	\$0	\$0	\$0	\$0
BOER	\$-24	\$-211	\$0	\$-49	\$0	\$-24	\$-328	\$0	\$-31	\$-28	\$-222	\$0	\$0	\$-111	\$0	\$-32,383	\$0	\$0	\$0	\$0
BEPC	\$11,738	\$81,079	\$5,106	\$21,306	\$16,933	\$2,063	\$77,288	\$13,339	\$2,694	\$2,396	\$18,182	\$26,177	\$3,291	\$9,580	\$19,589	\$31,211	\$54,159	\$8,879	\$3,407	\$11,482
BPAK	\$-6	\$-50	\$0	\$-12	\$0	\$-6	\$-78	\$0	\$-7	\$-7	\$-53	\$0	\$0	\$-26	\$0	\$-565	\$0	\$0	\$0	\$0
BRAH	\$-72	\$-639	\$0	\$-149	\$0	\$-72	\$-993	\$0	\$-95	\$-84	\$-673	\$0	\$0	\$-336	\$0	\$-7,210	\$0	\$0	\$0	\$0
BRUB	\$146	\$619	\$151	\$215	\$499	\$-261	\$-471	\$393	\$-341	\$-304	\$-2,430	\$772	\$97	\$-1,213	\$377	\$-20,890	\$1,597	\$262	\$100	\$338
BRYN	\$1,419	\$9,744	\$631	\$2,569	\$2,093	\$-286	\$9,122	\$1,648	\$-374	\$-333	\$-2,662	\$3,235	\$407	\$-1,329	\$2,421	\$6,977	\$6,093	\$1,097	\$421	\$1,419
BRAT	\$-16	\$-143	\$0	\$-33	\$0	\$-16	\$-231	\$0	\$-21	\$-19	\$-150	\$0	\$0	\$-75	\$0	\$-1,608	\$0	\$0	\$0	\$0
HUCO2	\$-25	\$-219	\$0	\$-25	\$0	\$-25	\$-340	\$0	\$-32	\$-29	\$-231	\$0	\$0	\$-115	\$0	\$-2,472	\$0	\$0	\$0	\$0
HUCO3	\$-22	\$-195	\$0	\$-46	\$0	\$-22	\$-303	\$0	\$-29	\$-26	\$-206	\$0	\$0	\$-103	\$0	\$-2,304	\$0	\$0	\$0	\$0
CTEC	\$-100	\$-888	\$0	\$-207	\$0	\$-101	\$-1,379	\$0	\$-131	\$-117	\$-935	\$0	\$0	\$-467	\$0	\$-10,015	\$0	\$0	\$0	\$0
CECA	\$32	\$238	\$12	\$59	\$39	\$39	\$76,019	\$17,407	\$5,882	\$5,332	\$41,880	\$34,161	\$8	\$0	\$45	\$401	\$124	\$30	\$8	\$26
CPST	\$13,548	\$80,803	\$6,663	\$24,070	\$22,097	\$4,505	\$76,019	\$17,407	\$5,882	\$5,332	\$41,880	\$34,161	\$8	\$0	\$45	\$401	\$124	\$30	\$8	\$26
CEEC	\$0	\$-39	\$9	\$5	\$29	\$-24	\$-144	\$23	\$-31	\$-28	\$-220	\$45	\$6	\$-110	\$34	\$-2,060	\$93	\$15	\$6	\$20
COCS	\$9	\$0	\$77	\$36	\$237	\$-170	\$-736	\$202	\$-223	\$-198	\$-1,585	\$397	\$50	\$-791	\$297	\$-14,334	\$821	\$135	\$52	\$174
COLE	\$-9	\$-77	\$0	\$-18	\$0	\$-9	\$-120	\$0	\$-11	\$-10	\$-81	\$0	\$0	\$-41	\$0	\$-873	\$0	\$0	\$0	\$0
CVEC	\$5	\$-36	\$18	\$0	\$60	\$-36	\$-228	\$47	\$-37	\$-51	\$-408	\$93	\$12	\$-204	\$69	\$-3,753	\$192	\$31	\$12	\$41
CIER	\$-29	\$-257	\$0	\$-60	\$0	\$-29	\$-398	\$0	\$-38	\$-34	\$-370	\$0	\$0	\$-135	\$0	\$-2,895	\$0	\$0	\$0	\$0
DETEC	\$24	\$170	\$9	\$44	\$29	\$0	\$181	\$23	\$0	\$0	\$0	\$45	\$6	\$841	\$34	\$299	\$93	\$15	\$6	\$20
DMEX	\$144	\$736	\$120	\$728	\$398	\$-181	\$0	\$314	\$-237	\$-210	\$-1,685	\$616	\$77	\$-106	\$461	\$-13,948	\$1,275	\$209	\$80	\$270
DWEC	\$-23	\$-202	\$0	\$-47	\$0	\$-23	\$-314	\$0	\$-30	\$-27	\$-213	\$0	\$0	\$-106	\$0	\$-2,280	\$0	\$0	\$0	\$0
ETEC	\$31	\$223	\$11	\$57	\$33	\$0	\$237	\$30	\$0	\$0	\$0	\$39	\$7	\$0	\$39	\$391	\$121	\$20	\$8	\$26
FANN	\$28	\$198	\$10	\$51	\$34	\$0	\$210	\$27	\$0	\$0	\$0	\$52	\$7	\$0	\$39	\$347	\$108	\$18	\$7	\$23
FECC	\$20	\$1,585	\$81	\$408	\$270	\$0	\$1,685	\$213	\$0	\$0	\$0	\$418	\$53	\$0	\$313	\$2,781	\$864	\$142	\$54	\$183
FAYT	\$-45	\$-397	\$0	\$-93	\$0	\$-45	\$-616	\$0	\$-39	\$-32	\$-418	\$0	\$0	\$-299	\$0	\$-4,475	\$0	\$0	\$0	\$0
FLAT	\$-5	\$-50	\$0	\$-12	\$6	\$-5	\$-77	\$0	\$-7	\$-7	\$-53	\$0	\$0	\$-26	\$0	\$-563	\$0	\$0	\$0	\$0
FEPS	\$110	\$793	\$41	\$294	\$135	\$0	\$841	\$106	\$0	\$0	\$0	\$299	\$26	\$0	\$156	\$1,389	\$432	\$71	\$27	\$92
FRED	\$-34	\$-297	\$0	\$-60	\$0	\$-34	\$-461	\$0	\$-44	\$-39	\$-313	\$0	\$0	\$-156	\$0	\$-3,349	\$0	\$0	\$0	\$0
GARL	\$21,060	\$14,334	\$873	\$3,753	\$2,895	\$-299	\$13,948	\$2,260	\$391	\$-347	\$-2,781	\$4,475	\$563	\$1,309	\$3,249	\$0	\$9,259	\$1,518	\$382	\$1,963
GTWN	\$-93	\$-821	\$0	\$-192	\$0	\$-93	\$-1,275	\$0	\$-121	\$-108	\$-864	\$0	\$0	\$-432	\$0	\$-9,259	\$0	\$0	\$0	\$0
GIDN	\$-15	\$-135	\$0	\$-31	\$0	\$-15	\$-209	\$0	\$-20	\$-18	\$-142	\$0	\$0	\$-71	\$0	\$-1,518	\$0	\$0	\$0	\$0
GLDW	\$-6	\$-52	\$0	\$-12	\$0	\$-6	\$-80	\$0	\$-8	\$-7	\$-54	\$0	\$0	\$-27	\$0	\$-582	\$0	\$0	\$0	\$0
GONZ	\$-20	\$-174	\$0	\$-41	\$0	\$-20	\$-270	\$0	\$-26	\$-23	\$-183	\$0	\$0	\$-92	\$0	\$-1,963	\$0	\$0	\$0	\$0
GRBK	\$-22	\$-194	\$0	\$-45	\$0	\$-22	\$-301	\$0	\$-29	\$-26	\$-204	\$0	\$0	\$-102	\$0	\$-2,189	\$0	\$0	\$0	\$0
GCEC	\$80	\$578	\$30	\$149	\$99	\$0	\$615	\$78	\$0	\$0	\$0	\$152	\$19	\$0	\$114	\$1,015	\$315	\$52	\$29	\$67
GEUS	\$41	\$4,159	\$241	\$1,083	\$798	\$-39	\$4,167	\$628	\$-77	\$-68	\$-547	\$1,233	\$153	\$-273	\$923	\$2,347	\$2,552	\$418	\$161	\$341
DWEC	\$-252	\$-2,226	\$0	\$-319	\$0	\$-252	\$-3,454	\$0	\$-329	\$-293	\$-2,343	\$0	\$0	\$-1,170	\$0	\$-25,095	\$0	\$0	\$0	\$0
HLTS	\$-10	\$-92	\$0	\$-22	\$0	\$-10	\$-143	\$0	\$-14	\$-12	\$-97	\$0	\$0	\$-49	\$0	\$-1,042	\$0	\$0	\$0	\$0
HAMC	\$-28	\$-248	\$0	\$-58	\$0	\$-28	\$-385	\$0	\$-37	\$-33	\$-261	\$0	\$0	\$-130	\$0	\$-2,797	\$0	\$0	\$0	\$0
HEBN	\$-14	\$-120	\$0	\$-28	\$0	\$-14	\$-196	\$0	\$-18	\$-16	\$-126	\$0	\$0	\$-63	\$0	\$-1,351	\$0	\$0	\$0	\$0
HEMP	\$-14	\$-126	\$0	\$-29	\$0	\$-14	\$-196	\$0	\$-19	\$-17	\$-133	\$0	\$0	\$-66	\$0	\$-1,421	\$0	\$0	\$0	\$0
HCEC	\$73	\$337	\$27	\$136	\$90	\$0	\$560	\$71	\$0	\$0	\$0	\$139	\$17	\$0	\$104	\$925	\$287	\$47	\$18	\$61
MPUB	\$-17	\$-1,039	\$0	\$-242	\$0	\$-17	\$-3,612	\$0	\$-154	\$-137	\$-1,093	\$0	\$0	\$-546	\$0	\$-11,710	\$0	\$0	\$0	\$0
LGRO	\$-18	\$-162	\$0	\$-38	\$0	\$-18	\$-251	\$0	\$-24	\$-21	\$-170	\$0	\$0	\$-85	\$0	\$-1,824	\$0	\$0	\$0	\$0
LCEC	\$32	\$238	\$12	\$59	\$39	\$39	\$76,019	\$17,407	\$5,882	\$5,332	\$41,880	\$34,161	\$8	\$0	\$45	\$401	\$124	\$30	\$8	\$26
LWPS	\$-24	\$-215	\$0	\$-50	\$0	\$-24	\$-334	\$0	\$-32	\$-28	\$-227	\$0	\$0	\$-113	\$0	\$-2,429	\$0	\$0	\$0	\$0
LGBA	\$-3	\$-29	\$0	\$-7	\$0	\$-3	\$-45	\$0	\$-4	\$-4	\$-31	\$0	\$0	\$-15	\$0	\$-330	\$0	\$0	\$0	\$0
LHEC	\$-2	\$-16	\$0	\$-4	\$0	\$-2	\$-24	\$0	\$-2	\$-2	\$-16	\$0	\$0	\$-8	\$0	\$-175	\$0	\$0	\$0	\$0

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Rowise:

A negative number represents a payment from a row entity to a column entity
A positive number represents a receipt to a row entity from a column entity

	GRBX	GCBC	GRUS	GVCC	HLTS	HAMC	HERN	HRBP	HCBC	KPIB	LCBG	LCBC	LMPS	LXGN	LIHC	LIAN	LKRT
AOPL	\$33,416	\$-51,436	\$-38,103	\$71,608	\$15,435	\$41,420	\$20,011	\$21,042	\$-14,075	\$173,405	\$27,003	\$-6,083	\$35,071	\$4,879	\$17,671	\$59,472	
AWTU	\$10,626	\$-55,311	\$-14,222	\$13,811	\$5,060	\$13,577	\$6,559	\$6,897	\$-84,832	\$56,841	\$8,832	\$11,791	\$35,991	\$1,599	\$5,792	\$12,039	
AXNK	\$12,312	\$-8,754	\$-37,871	\$141,137	\$5,862	\$15,732	\$7,600	\$7,992	\$7,982	\$65,860	\$10,256	\$-3,450	\$13,602	\$1,853	\$986	\$6,711	\$14,901
BAND	\$0	\$-379	\$-31,066	\$0	\$0	\$0	\$0	\$0	\$-345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BAST	\$0	\$-549	\$-3996	\$0	\$0	\$0	\$0	\$0	\$-545	\$0	\$0	\$-19	\$0	\$0	\$0	\$0	\$0
BELV	\$0	\$-351	\$-4415	\$0	\$0	\$0	\$0	\$0	\$-447	\$0	\$0	\$-30	\$0	\$0	\$0	\$0	\$0
BCEG	\$24	\$-107	\$-799	\$279	\$12	\$31	\$15	\$16	\$-397	\$130	\$20	\$-42	\$37	\$4	\$2	\$13	\$30
BLUE	\$0	\$-1,168	\$-39,450	\$0	\$0	\$0	\$0	\$0	\$-1,065	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BOER	\$0	\$-81	\$-3657	\$0	\$0	\$0	\$0	\$0	\$-74	\$0	\$0	\$-32	\$0	\$0	\$0	\$0	\$0
BEPC	\$12,805	\$-6,997	\$-22,332	\$146,791	\$6,097	\$16,362	\$7,905	\$8,312	\$-6,380	\$68,498	\$10,667	\$-2,757	\$14,209	\$1,927	\$1,025	\$6,980	\$15,592
BFMXX	\$0	\$-319	\$-156	\$0	\$0	\$0	\$0	\$0	\$-318	\$0	\$0	\$-38	\$0	\$0	\$0	\$0	\$0
BRNMI	\$0	\$-2346	\$0	\$0	\$0	\$0	\$0	\$0	\$-2234	\$0	\$0	\$-397	\$0	\$0	\$0	\$0	\$0
BPUB	\$377	\$-8866	\$6,162	\$4,327	\$180	\$233	\$245	\$245	\$-3088	\$482	\$2,019	\$-349	\$419	\$30	\$30	\$206	\$419
BRYN	\$1,582	\$-9711	\$-33,620	\$18,141	\$754	\$2,022	\$977	\$1,027	\$-3885	\$8,465	\$1,318	\$-383	\$17,56	\$238	\$127	\$863	\$1,927
BRNT	\$0	\$-555	\$-6443	\$0	\$0	\$0	\$0	\$0	\$-550	\$0	\$0	\$-22	\$0	\$0	\$0	\$0	\$0
BRUC	\$0	\$-584	\$-6801	\$0	\$0	\$0	\$0	\$0	\$-777	\$0	\$0	\$-333	\$0	\$0	\$0	\$0	\$0
HUC02	\$0	\$-575	\$-6807	\$0	\$0	\$0	\$0	\$0	\$-588	\$0	\$0	\$-330	\$0	\$0	\$0	\$0	\$0
HUC01	\$0	\$-341	\$-32,760	\$0	\$0	\$0	\$0	\$0	\$-3311	\$0	\$0	\$-134	\$0	\$0	\$0	\$0	\$0
CTEC	\$29	\$0	\$79	\$337	\$14	\$38	\$18	\$19	\$0	\$157	\$25	\$0	\$33	\$4	\$2	\$16	\$36
COEKA	\$16,710	\$-15,278	\$-78,882	\$191,564	\$7,957	\$21,352	\$10,316	\$10,847	\$-13,031	\$89,391	\$13,920	\$-6,020	\$18,543	\$2,515	\$1,338	\$9,109	\$20,448
CPST	\$22	\$-80	\$-591	\$2,226	\$10	\$28	\$14	\$14	\$-373	\$117	\$18	\$-32	\$24	\$3	\$12	\$27	\$27
COOS	\$194	\$-578	\$-4,159	\$0	\$92	\$248	\$120	\$126	\$-527	\$1,039	\$162	\$-328	\$215	\$29	\$16	\$106	\$256
COLE	\$0	\$-330	\$-3241	\$0	\$0	\$0	\$0	\$0	\$-327	\$0	\$0	\$-12	\$0	\$0	\$0	\$0	\$0
GVCC	\$45	\$-149	\$-1,083	\$519	\$22	\$38	\$28	\$29	\$-136	\$242	\$38	\$-39	\$50	\$7	\$4	\$25	\$55
CHER	\$0	\$-399	\$-3798	\$0	\$0	\$0	\$0	\$0	\$-390	\$0	\$0	\$-39	\$0	\$0	\$0	\$0	\$0
DETEC	\$22	\$0	\$59	\$252	\$10	\$28	\$14	\$14	\$0	\$118	\$18	\$0	\$24	\$3	\$2	\$12	\$27
DMEX	\$301	\$-615	\$-4,167	\$3,454	\$143	\$385	\$186	\$196	\$-560	\$1,612	\$251	\$-242	\$334	\$45	\$24	\$164	\$367
DMEC	\$0	\$-78	\$-8628	\$0	\$0	\$0	\$0	\$0	\$-71	\$0	\$0	\$-31	\$0	\$0	\$0	\$0	\$0
ETEC	\$29	\$0	\$77	\$329	\$14	\$37	\$18	\$19	\$0	\$154	\$24	\$0	\$32	\$4	\$2	\$16	\$35
FANN	\$36	\$26	\$68	\$36	\$12	\$33	\$16	\$17	\$0	\$137	\$21	\$0	\$28	\$4	\$2	\$14	\$27
FECK	\$294	\$0	\$547	\$2,343	\$97	\$261	\$126	\$133	\$0	\$1,093	\$170	\$0	\$11	\$31	\$11	\$227	\$249
FAYT	\$0	\$-152	\$-1,233	\$0	\$0	\$0	\$0	\$0	\$-139	\$0	\$0	\$-60	\$0	\$0	\$0	\$0	\$0
FLAT	\$0	\$-319	\$-3155	\$0	\$0	\$0	\$0	\$0	\$-317	\$0	\$0	\$-38	\$0	\$0	\$0	\$0	\$0
PEPS	\$102	\$0	\$273	\$1,170	\$49	\$130	\$63	\$66	\$0	\$546	\$85	\$0	\$113	\$15	\$8	\$56	\$124
FRED	\$923	\$-114	\$0	\$0	\$0	\$0	\$0	\$0	\$-104	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GARL	\$2,189	\$-1,015	\$-2,347	\$25,095	\$1,042	\$2,797	\$1,351	\$1,421	\$-925	\$17,110	\$1,834	\$-600	\$2,429	\$330	\$175	\$1,193	\$2,666
GTWN	\$0	\$-315	\$-32,552	\$0	\$0	\$0	\$0	\$0	\$-387	\$0	\$0	\$-124	\$0	\$0	\$0	\$0	\$0
GDYN	\$0	\$-352	\$-6418	\$0	\$0	\$0	\$0	\$0	\$-47	\$0	\$0	\$-30	\$0	\$0	\$0	\$0	\$0
GLNW	\$0	\$-320	\$-3161	\$0	\$0	\$0	\$0	\$0	\$-318	\$0	\$0	\$-38	\$0	\$0	\$0	\$0	\$0
GONZ	\$0	\$-367	\$-3541	\$0	\$0	\$0	\$0	\$0	\$-361	\$0	\$0	\$-36	\$0	\$0	\$0	\$0	\$0
GRBK	\$0	\$-375	\$-3603	\$0	\$0	\$0	\$0	\$0	\$-368	\$0	\$0	\$-329	\$0	\$0	\$0	\$0	\$0
GRBX	\$75	\$0	\$280	\$655	\$35	\$95	\$46	\$48	\$0	\$399	\$62	\$0	\$83	\$91	\$41	\$91	\$0
GEUS	\$603	\$-200	\$0	\$6,916	\$297	\$771	\$372	\$392	\$-182	\$3,227	\$503	\$-79	\$669	\$91	\$48	\$329	\$715
GVCC	\$0	\$-855	\$-56,916	\$0	\$0	\$0	\$0	\$0	\$-779	\$0	\$0	\$-337	\$0	\$0	\$0	\$0	\$0
HLTS	\$0	\$-335	\$-3287	\$0	\$0	\$0	\$0	\$0	\$-332	\$0	\$0	\$-14	\$0	\$0	\$0	\$0	\$0
HAMC	\$0	\$-395	\$-3771	\$0	\$0	\$0	\$0	\$0	\$-387	\$0	\$0	\$-38	\$0	\$0	\$0	\$0	\$0
HERN	\$0	\$-346	\$-3372	\$0	\$0	\$0	\$0	\$0	\$-342	\$0	\$0	\$-19	\$0	\$0	\$0	\$0	\$0
HEMP	\$0	\$-348	\$-3392	\$0	\$0	\$0	\$0	\$0	\$-344	\$0	\$0	\$-19	\$0	\$0	\$0	\$0	\$0
HCBC	\$68	\$0	\$182	\$779	\$32	\$87	\$42	\$44	\$0	\$364	\$57	\$0	\$75	\$10	\$5	\$37	\$83
KPIB	\$0	\$-399	\$-31,227	\$0	\$0	\$0	\$0	\$0	\$-364	\$0	\$0	\$-157	\$0	\$0	\$0	\$0	\$0
LONG	\$0	\$-362	\$-3503	\$0	\$0	\$0	\$0	\$0	\$-357	\$0	\$0	\$-34	\$0	\$0	\$0	\$0	\$0
LOEC	\$29	\$0	\$79	\$337	\$14	\$38	\$18	\$19	\$0	\$157	\$24	\$0	\$33	\$4	\$2	\$16	\$36
LMPS	\$0	\$-383	\$-3669	\$0	\$0	\$0	\$0	\$0	\$-375	\$0	\$0	\$-33	\$0	\$0	\$0	\$0	\$0
LXGN	\$0	\$-311	\$-31	\$0	\$0	\$0	\$0	\$0	\$-316	\$0	\$0	\$-34	\$0	\$0	\$0	\$0	\$0
LHEC	\$0	\$-356	\$-348	\$0	\$0	\$0	\$0	\$0	\$-35	\$0	\$0	\$-32	\$0	\$0	\$0	\$0	\$0

2002 Net Matrix Payment
 Rowwise: A negative number represents a payment from a row entity to a column entity, positive a receipt to a row entity from a column entity

Public Utility
 Docket No.
 Application
 Net Payment

Rowwise:
 A negative number represents a payment from a row entity to a column entity
 A positive number represents a receipt to a row entity from a column entity

	LCRA	LULIG	LYBEC	MYVEC	MASR	MEBCK	MULT	NWBUR	PRC23	PECKU	RCC2C	REEL-CHN	RGECC2	SMBEC	SANM	SMBEC	SNSB	SCBL	SECCN
ACPL	\$5,995,348	\$19,384	\$42,001	\$173,015	\$8,803	\$33,924	\$3,980	\$311,549	\$1,310,798	\$6,288	\$604,818	\$9,095,701	\$6,586	\$148,923	\$169,634	\$15,113	\$20,199	\$98,746	
ANTU	\$1,925,146	\$6,354	\$13,768	\$33,599	\$2,866	\$9,233	\$1,305	\$102,124	\$432,622	\$2,061	\$196,966	\$2,078,066	\$1,987	\$23	\$52,718	\$58,365	\$4,954	\$32,368	
AENK	\$31,173,174	\$7,362	\$15,952	\$20,820	\$3,343	\$8,444	\$1,512	\$118,237	\$501,261	\$2,388	\$214,860	\$905,073	\$527	\$27	\$56,561	\$61,082	\$5,740	\$7,672	\$37,504
BAND	\$137,238	\$0	\$0	\$-4,834	\$0	\$-3,847	\$0	\$0	\$0	\$0	\$-1,946	\$-353,892	\$-359	\$0	\$0	\$0	\$0	\$0	\$0
BAST	\$17,750	\$0	\$0	\$-6,025	\$0	\$-3,608	\$0	\$0	\$0	\$0	\$-325	\$-345,741	\$-33	\$0	\$0	\$0	\$0	\$0	\$0
BELV	\$18,583	\$0	\$0	\$-6,654	\$0	\$-3,885	\$0	\$0	\$0	\$0	\$-263	\$-347,888	\$-35	\$0	\$0	\$0	\$0	\$0	\$0
BOEC	\$38,716	\$15	\$31	\$-1,085	\$7	\$-560	\$3	\$234	\$990	\$5	\$36	\$-81,838	\$-60	\$0	\$112	\$121	\$11	\$15	\$74
BLUE	\$423,247	\$0	\$0	\$-14,898	\$0	\$-8,775	\$0	\$0	\$0	\$0	\$-55,997	\$-1,090,700	\$-797	\$0	\$0	\$0	\$0	\$0	\$0
BOER	\$29,418	\$0	\$0	\$-1,035	\$0	\$-6,010	\$0	\$0	\$0	\$0	\$-417	\$-75,808	\$-55	\$0	\$0	\$0	\$0	\$0	\$0
BEPC	\$2,536,363	\$7,657	\$16,591	\$56,864	\$3,477	\$6,639	\$1,572	\$123,067	\$321,340	\$2,484	\$234,291	\$2,910,556	\$1,987	\$28	\$58,827	\$63,529	\$76,895	\$7,979	\$39,006
BRMX	\$6,980	\$0	\$0	\$-246	\$0	\$-145	\$0	\$0	\$0	\$0	\$-99	\$-17,988	\$-13	\$0	\$0	\$0	\$0	\$0	\$0
BRNM	\$93,004	\$0	\$0	\$-3,133	\$0	\$-1,845	\$0	\$0	\$0	\$0	\$-1,261	\$-229,361	\$-108	\$0	\$0	\$0	\$0	\$0	\$0
BRUB	\$321,267	\$236	\$489	\$7,000	\$103	\$4,915	\$46	\$3,628	\$15,569	\$73	\$3,414	\$349,419	\$-406	\$1	\$1,734	\$1,873	\$176	\$235	\$1,150
BRYN	\$351,965	\$946	\$2,050	\$5,672	\$430	\$22	\$194	\$15,309	\$64,430	\$307	\$38,410	\$290,474	\$173	\$3	\$2,270	\$7,851	\$738	\$986	\$4,821
BRNT	\$19,444	\$0	\$0	\$-698	\$0	\$-411	\$0	\$0	\$0	\$0	\$-281	\$-51,137	\$-37	\$0	\$0	\$0	\$0	\$0	\$0
HUCO2	\$30,514	\$0	\$0	\$-1,074	\$0	\$-633	\$0	\$0	\$0	\$0	\$-432	\$-78,635	\$-57	\$0	\$0	\$0	\$0	\$0	\$0
HUCO1	\$27,208	\$0	\$0	\$-958	\$0	\$-564	\$0	\$0	\$0	\$0	\$-386	\$-70,116	\$-51	\$0	\$0	\$0	\$0	\$0	\$0
CTEC	\$123,626	\$0	\$0	\$-4,352	\$0	\$-2,563	\$0	\$0	\$0	\$0	\$-1,752	\$-318,581	\$-233	\$0	\$0	\$0	\$0	\$0	\$0
CECCA	\$0	\$18	\$38	\$336	\$8	\$136	\$4	\$283	\$1,198	\$6	\$621	\$21,716	\$16	\$135	\$146	\$0	\$14	\$18	\$90
CPST	\$5,537,771	\$9,992	\$21,651	\$4,208	\$4,538	\$37,522	\$2,052	\$160,604	\$680,357	\$3,242	\$274,187	\$1,942,625	\$1,603	\$36	\$76,770	\$82,906	\$7,791	\$10,413	\$30,904
CECC	\$20,120	\$13	\$28	\$-774	\$6	\$502	\$3	\$211	\$894	\$4	\$51	\$-58,840	\$-43	\$0	\$101	\$109	\$10	\$14	\$67
COCS	\$299,554	\$116	\$252	\$5,160	\$53	\$3,446	\$24	\$1,666	\$7,805	\$38	\$1,128	\$396,784	\$-292	\$0	\$963	\$6,553	\$91	\$121	\$591
COLE	\$10,774	\$0	\$0	\$-379	\$0	\$-223	\$0	\$0	\$0	\$0	\$-153	\$-27,766	\$-20	\$0	\$0	\$0	\$0	\$0	\$0
CVEC	\$53,931	\$27	\$59	\$1,165	\$12	\$-909	\$6	\$435	\$1,844	\$9	\$192	\$105,567	\$-78	\$0	\$208	\$225	\$21	\$28	\$138
CIER	\$35,732	\$0	\$0	\$-1,238	\$0	\$-741	\$0	\$0	\$0	\$0	\$-506	\$-92,081	\$-67	\$0	\$0	\$0	\$0	\$0	\$0
DETEC	\$0	\$13	\$28	\$251	\$6	\$102	\$3	\$211	\$895	\$4	\$464	\$16,216	\$12	\$0	\$101	\$109	\$10	\$14	\$67
DMEX	\$222,787	\$180	\$390	\$4,403	\$82	\$5,225	\$37	\$2,696	\$12,269	\$58	\$3,203	\$351,805	\$-260	\$1	\$1,384	\$1,495	\$140	\$188	\$918
DMEC	\$228,748	\$0	\$0	\$-991	\$0	\$-584	\$0	\$0	\$0	\$0	\$-399	\$-72,338	\$-53	\$0	\$0	\$0	\$0	\$0	\$0
ETEC	\$0	\$17	\$37	\$328	\$8	\$133	\$4	\$276	\$1,169	\$6	\$606	\$21,174	\$15	\$0	\$132	\$142	\$13	\$18	\$87
FANN	\$0	\$15	\$33	\$291	\$7	\$118	\$3	\$245	\$1,039	\$5	\$539	\$18,834	\$13	\$0	\$117	\$127	\$12	\$16	\$78
FECC	\$0	\$122	\$265	\$2,332	\$35	\$945	\$25	\$1,964	\$8,230	\$40	\$4,313	\$150,761	\$108	\$0	\$939	\$1,014	\$95	\$127	\$623
FAYT	\$55,240	\$0	\$0	\$-1,145	\$0	\$-1,145	\$0	\$0	\$0	\$0	\$-783	\$-142,352	\$-104	\$0	\$0	\$0	\$0	\$0	\$0
FLAT	\$6,945	\$0	\$0	\$-244	\$0	\$-144	\$0	\$0	\$0	\$0	\$-98	\$-17,897	\$-13	\$0	\$0	\$0	\$0	\$0	\$0
FEPS	\$0	\$61	\$132	\$1,165	\$28	\$472	\$13	\$981	\$4,155	\$20	\$2,154	\$75,295	\$54	\$0	\$469	\$506	\$48	\$64	\$311
FRED	\$41,338	\$0	\$0	\$-1,455	\$0	\$-857	\$0	\$0	\$0	\$0	\$-586	\$-106,526	\$-78	\$0	\$0	\$0	\$0	\$0	\$0
GARL	\$367,748	\$1,309	\$2,836	\$12,040	\$594	\$2,501	\$269	\$21,039	\$90,127	\$425	\$40,987	\$607,310	\$464	\$5	\$10,057	\$10,861	\$1,021	\$1,364	\$6,608
GTWN	\$114,288	\$0	\$0	\$-4,023	\$0	\$-3,369	\$0	\$0	\$0	\$0	\$-1,619	\$-294,519	\$-315	\$0	\$0	\$0	\$0	\$0	\$0
GIDN	\$18,736	\$0	\$0	\$-660	\$0	\$-388	\$0	\$0	\$0	\$0	\$-265	\$-48,284	\$-35	\$0	\$0	\$0	\$0	\$0	\$0
GLDW	\$7,189	\$0	\$0	\$-253	\$0	\$-149	\$0	\$0	\$0	\$0	\$-102	\$-18,527	\$-14	\$0	\$0	\$0	\$0	\$0	\$0
GONZ	\$24,229	\$0	\$0	\$-853	\$0	\$-502	\$0	\$0	\$0	\$0	\$-343	\$-62,438	\$-46	\$0	\$0	\$0	\$0	\$0	\$0
GRBK	\$27,021	\$0	\$0	\$-951	\$0	\$-560	\$0	\$0	\$0	\$0	\$-383	\$-69,633	\$-51	\$0	\$0	\$0	\$0	\$0	\$0
GECC	\$72,372	\$45	\$97	\$851	\$30	\$345	\$8	\$716	\$3,035	\$14	\$1,573	\$54,997	\$39	\$0	\$342	\$370	\$35	\$46	\$227
GEUB	\$309,765	\$361	\$782	\$4,338	\$164	\$1,290	\$74	\$5,798	\$24,562	\$117	\$11,706	\$238,573	\$182	\$1	\$2,772	\$2,993	\$281	\$376	\$1,838
GVEC	\$309,765	\$0	\$0	\$-10,004	\$0	\$-6,432	\$0	\$0	\$0	\$0	\$-4,389	\$-798,260	\$-583	\$0	\$0	\$0	\$0	\$0	\$0
HLTS	\$12,866	\$0	\$0	\$-1,215	\$0	\$-716	\$0	\$0	\$0	\$0	\$-812	\$-33,157	\$-24	\$0	\$0	\$0	\$0	\$0	\$0
HAMC	\$34,527	\$0	\$0	\$-387	\$0	\$-346	\$0	\$0	\$0	\$0	\$-489	\$-88,976	\$-65	\$0	\$0	\$0	\$0	\$0	\$0
HEBN	\$16,681	\$0	\$0	\$-617	\$0	\$-364	\$0	\$0	\$0	\$0	\$-326	\$-42,966	\$-31	\$0	\$0	\$0	\$0	\$0	\$0
HEMP	\$17,540	\$41	\$88	\$776	\$18	\$314	\$8	\$653	\$2,768	\$13	\$1,435	\$50,147	\$36	\$0	\$312	\$337	\$32	\$42	\$207
HCPC	\$0	\$41	\$88	\$776	\$18	\$314	\$8	\$653	\$2,768	\$13	\$1,435	\$50,147	\$36	\$0	\$0	\$0	\$0	\$0	\$0
KPUB	\$144,547	\$0	\$0	\$-5,088	\$0	\$-2,997	\$0	\$0	\$0	\$0	\$-2,048	\$-372,496	\$-272	\$0	\$0	\$0	\$0	\$0	\$0
LGRR	\$32,509	\$18	\$38	\$335	\$8	\$136	\$4	\$382	\$1,196	\$6	\$620	\$21,672	\$16	\$0	\$135	\$146	\$14	\$18	\$89
LECC	\$0	\$0	\$0	\$-1,055	\$0	\$-622	\$0	\$0	\$0	\$0	\$-425	\$-77,269	\$-56	\$0	\$0	\$0	\$0	\$0	\$0
LMPS	\$29,984	\$0	\$0	\$-143	\$0	\$-84	\$0	\$0	\$0	\$0	\$-58	\$-10,482	\$-8	\$0	\$0	\$0	\$0	\$0	\$0
LXON	\$4,067	\$0	\$0	\$-76	\$0	\$-45	\$0	\$0	\$0	\$0	\$-31	\$-55,377	\$-54	\$0	\$0	\$0	\$0	\$0	\$0
LHEC	\$2,164	\$0	\$0	\$-76	\$0	\$-45	\$0	\$0	\$0	\$0	\$-31	\$-55,377	\$-54	\$0	\$0	\$0	\$0	\$0	\$0

Rowwise: A negative number represents a payment from a row entity to a column entity, positive a receipt to a row entity from a column entity

Public Util
Docket No.
Application
Net Payee

Rowwise:
A negative number represents a payment from a row entity to a column entity
A positive number represents a receipt to a row entity from a column entity

APPL	SHR	SMTH	STEC	SWTE	TECX	TMFA	TNRP	TXLA	TVBC	TXL-ONCOR	WABL	WEAT	WZIM	YOKM	Total
APPL	\$66,249	\$17,029	\$772,889	\$34,172	\$64,906	\$1,400,137	\$957,957	\$131,620	\$43,536	\$20,309,868	\$4,921	\$109,597	\$12,808	\$30,336	\$34,199,924
AWTU	\$22,903	\$5,260	\$273,070	\$12,478	\$20,936	\$402,698	\$295,888	\$43,147	\$14,979	\$6,371,419	\$1,613	\$33,925	\$4,198	\$9,944	\$10,194,560
AXOK	\$38,430	\$6,468	\$253,623	\$14,102	\$23,114	\$917,963	\$355,144	\$49,993	\$24,089	\$4,420,321	\$1,869	\$41,625	\$4,864	\$11,522	\$1,424,185
BAND	\$1,791	\$0	\$29,755	\$52	\$167	\$50,603	\$27,345	\$0	\$1,069	\$431,540	\$0	\$0	\$0	\$0	\$1,509,014
BAST	\$231	\$0	\$3,846	\$7	\$22	\$6,541	\$3,534	\$0	\$138	\$55,777	\$0	\$0	\$0	\$0	\$195,042
BELV	\$242	\$0	\$4,026	\$7	\$23	\$6,848	\$3,700	\$0	\$145	\$58,395	\$0	\$0	\$0	\$0	\$204,196
BCEC	\$590	\$12	\$8,059	\$16	\$6	\$13,770	\$6,155	\$99	\$301	\$90,247	\$4	\$82	\$10	\$23	\$335,714
BLUE	\$5,520	\$0	\$91,704	\$160	\$514	\$155,960	\$84,278	\$0	\$3,293	\$1,330,013	\$0	\$0	\$0	\$0	\$4,690,801
BOER	\$384	\$0	\$6,374	\$11	\$36	\$10,840	\$5,858	\$0	\$229	\$92,442	\$0	\$0	\$0	\$0	\$333,251
BEPC	\$30,422	\$6,727	\$375,961	\$14,955	\$24,967	\$673,244	\$313,471	\$51,996	\$19,735	\$6,997,955	\$1,944	\$43,292	\$5,059	\$11,983	\$9,906,664
BPMX	\$91	\$0	\$1,512	\$3	\$8	\$2,572	\$1,390	\$0	\$54	\$21,934	\$0	\$0	\$0	\$0	\$76,700
BPMU	\$1,161	\$0	\$19,284	\$34	\$108	\$32,797	\$17,723	\$0	\$603	\$279,686	\$0	\$0	\$0	\$0	\$378,089
BPUB	\$187	\$196	\$64,491	\$248	\$437	\$110,977	\$59,842	\$1,533	\$2,500	\$568,302	\$57	\$1,276	\$149	\$353	\$2,416,569
BRYN	\$4,262	\$783	\$54,807	\$1,834	\$3,039	\$97,392	\$31,073	\$6,426	\$2,739	\$743,844	\$240	\$5,330	\$635	\$1,481	\$901,284
BRNT	\$259	\$0	\$4,299	\$7	\$24	\$7,312	\$3,951	\$0	\$154	\$62,257	\$0	\$0	\$0	\$0	\$218,050
HUCO2	\$398	\$0	\$6,611	\$12	\$37	\$11,244	\$6,076	\$0	\$237	\$95,888	\$0	\$0	\$0	\$0	\$335,302
HUCO1	\$355	\$0	\$5,895	\$10	\$33	\$10,026	\$5,418	\$0	\$212	\$85,500	\$0	\$0	\$0	\$0	\$298,876
HUCO	\$1,612	\$0	\$26,786	\$47	\$150	\$45,554	\$24,617	\$0	\$902	\$388,482	\$0	\$0	\$0	\$0	\$1,584,447
COECA	\$6	\$15	\$399	\$37	\$64	\$601	\$1,882	\$120	\$0	\$34,409	\$4	\$100	\$12	\$28	\$96,841
COEC	\$68,735	\$8,778	\$973,323	\$18,075	\$29,879	\$1,699,496	\$34,314	\$67,855	\$43,088	\$2,131,824	\$2,537	\$56,497	\$6,603	\$15,638	\$11,551,335
COES	\$735	\$12	\$6,012	\$16	\$13	\$10,282	\$4,395	\$89	\$237	\$65,835	\$3	\$74	\$9	\$21	\$255,190
COLE	\$141	\$0	\$2,334	\$4	\$13	\$3,970	\$2,145	\$0	\$84	\$33,858	\$0	\$0	\$0	\$0	\$118,294
CUEC	\$694	\$22	\$11,071	\$36	\$34	\$18,948	\$7,844	\$184	\$420	\$116,531	\$7	\$153	\$18	\$42	\$428,998
CUEP	\$466	\$0	\$7,742	\$13	\$43	\$13,167	\$7,115	\$0	\$278	\$112,285	\$0	\$0	\$0	\$0	\$392,438
DETEC	\$5	\$12	\$296	\$27	\$48	\$449	\$1,405	\$89	\$1,630	\$431,552	\$29	\$666	\$77	\$182	\$1,729,875
DMEX	\$2,843	\$149	\$44,186	\$280	\$390	\$73,943	\$25,999	\$1,224	\$1,733	\$547,834	\$46	\$1,019	\$119	\$282	\$1,559,045
DMWC	\$367	\$0	\$6,099	\$11	\$34	\$10,372	\$5,605	\$0	\$219	\$88,453	\$0	\$0	\$0	\$0	\$309,204
ETEC	\$6	\$14	\$389	\$36	\$63	\$586	\$1,835	\$117	\$0	\$33,550	\$4	\$97	\$11	\$27	\$84,675
FANN	\$5	\$13	\$346	\$32	\$56	\$521	\$1,632	\$104	\$0	\$29,842	\$4	\$86	\$10	\$24	\$75,315
FECC	\$42	\$107	\$2,770	\$254	\$448	\$4,171	\$13,063	\$830	\$0	\$238,879	\$31	\$691	\$81	\$191	\$602,890
FAYT	\$720	\$0	\$11,069	\$21	\$67	\$20,355	\$10,599	\$0	\$430	\$173,866	\$0	\$0	\$0	\$0	\$606,996
FLAT	\$91	\$0	\$1,505	\$3	\$8	\$2,559	\$1,383	\$0	\$54	\$21,824	\$0	\$0	\$0	\$0	\$76,313
FEPS	\$21	\$54	\$1,384	\$127	\$234	\$2,083	\$6,524	\$414	\$0	\$119,304	\$15	\$345	\$40	\$96	\$301,102
FRED	\$539	\$0	\$8,957	\$16	\$50	\$15,232	\$8,231	\$0	\$322	\$129,900	\$0	\$0	\$0	\$0	\$454,234
GABL	\$4,342	\$1,150	\$50,003	\$2,982	\$4,348	\$90,827	\$66,705	\$8,889	\$2,661	\$1,403,317	\$332	\$7,401	\$665	\$2,049	\$2,412,349
GTWN	\$1,490	\$0	\$24,763	\$43	\$139	\$42,113	\$22,757	\$0	\$889	\$359,140	\$0	\$0	\$0	\$0	\$1,255,844
GIDN	\$244	\$0	\$4,060	\$7	\$23	\$6,904	\$3,731	\$0	\$146	\$58,878	\$0	\$0	\$0	\$0	\$262,083
GLDW	\$94	\$0	\$1,538	\$3	\$9	\$2,649	\$1,432	\$0	\$56	\$22,592	\$0	\$0	\$0	\$0	\$78,998
GONZ	\$316	\$0	\$5,230	\$9	\$29	\$8,928	\$4,825	\$0	\$189	\$76,138	\$0	\$0	\$0	\$0	\$266,239
GRBK	\$352	\$0	\$5,855	\$10	\$33	\$9,957	\$5,381	\$0	\$210	\$84,912	\$0	\$0	\$0	\$0	\$296,920
GECS	\$15	\$37	\$1,011	\$93	\$163	\$1,522	\$4,765	\$303	\$0	\$87,141	\$11	\$252	\$29	\$70	\$219,930
GEUS	\$819	\$299	\$7,502	\$722	\$1,233	\$14,354	\$24,153	\$2,450	\$563	\$477,792	\$92	\$2,040	\$238	\$565	\$944,591
GVEG	\$4,040	\$0	\$67,116	\$117	\$376	\$114,144	\$61,681	\$0	\$2,410	\$973,467	\$0	\$0	\$0	\$0	\$3,493,629
HLTS	\$168	\$0	\$2,788	\$5	\$16	\$4,741	\$2,562	\$0	\$100	\$40,432	\$0	\$0	\$0	\$0	\$141,382
HAMC	\$450	\$0	\$7,481	\$13	\$42	\$12,723	\$6,875	\$0	\$269	\$108,499	\$0	\$0	\$0	\$0	\$370,399
HERN	\$218	\$0	\$3,614	\$6	\$20	\$6,147	\$3,321	\$0	\$130	\$53,117	\$0	\$0	\$0	\$0	\$183,293
HEMP	\$229	\$0	\$3,800	\$7	\$21	\$6,463	\$3,493	\$0	\$136	\$55,117	\$0	\$0	\$0	\$0	\$192,705
HCEC	\$14	\$34	\$921	\$84	\$149	\$1,367	\$4,345	\$276	\$0	\$79,458	\$10	\$230	\$27	\$64	\$206,538
KPUB	\$1,865	\$0	\$31,319	\$55	\$175	\$53,263	\$28,782	\$0	\$125	\$454,226	\$0	\$0	\$0	\$0	\$1,588,342
LOGB	\$294	\$0	\$4,877	\$9	\$27	\$8,294	\$4,482	\$0	\$175	\$70,734	\$0	\$0	\$0	\$0	\$247,342
LEEC	\$6	\$15	\$398	\$37	\$64	\$400	\$1,878	\$119	\$0	\$34,359	\$4	\$99	\$12	\$27	\$86,666
LMPS	\$391	\$0	\$6,497	\$11	\$36	\$11,049	\$5,971	\$0	\$233	\$94,223	\$0	\$0	\$0	\$0	\$329,481
LXGN	\$53	\$0	\$881	\$2	\$5	\$1,499	\$810	\$0	\$32	\$12,782	\$0	\$0	\$0	\$0	\$44,685
LUEC	\$28	\$0	\$469	\$1	\$3	\$797	\$431	\$0	\$17	\$6,800	\$0	\$0	\$0	\$0	\$23,779

2002 Net Matrix Payment
Rowwise: A negative number a payment from a row entity to a column entity, positive a receipt to a row entity from a column entity.

Public Utility Commission of Texas
Docket No. 25002
Application to set 2002 Wholesale Transmission Charges for ERCOT
Net Payment Matrix

Rowwise:
A negative number represents a payment from a row entity to a column entity
A positive number represents a receipt to a row entity from a column entity

	ACPL	AWTU	ARXN	BAND	BAST	BELV	BCEC	BLUE	BOER	BEPC	BPMX	BRNM	BRUB	BRVN	BRNT	HUCO1	CTOC	CCECA	CPST
LLAN	\$-17,671	\$-5,792	\$-6,711	\$0	\$0	\$0	\$-13	\$0	\$0	\$-56,980	\$0	\$0	\$-326	\$-863	\$0	\$0	\$0	\$-16	\$-9,109
LGHT	\$-39,472	\$-12,939	\$-14,991	\$0	\$0	\$0	\$-30	\$0	\$0	\$-15,592	\$0	\$0	\$-460	\$-1,927	\$0	\$0	\$0	\$-36	\$-20,548
LORA	\$5,593,348	\$1,923,146	\$3,173,174	\$137,328	\$177,750	\$18,383	\$38,716	\$432,247	\$29,418	\$2,536,363	\$6,980	\$89,004	\$321,267	\$331,965	\$19,844	\$27,208	\$123,626	\$0	\$5,537,771
LULG	\$-19,384	\$-6,354	\$-7,362	\$0	\$0	\$0	\$-15	\$0	\$0	\$-7,657	\$0	\$0	\$-226	\$-946	\$0	\$0	\$0	\$-18	\$-9,992
LUEC	\$-42,001	\$-13,768	\$-15,952	\$0	\$0	\$0	\$-31	\$0	\$0	\$-16,591	\$0	\$0	\$-809	\$-2,050	\$0	\$0	\$0	\$-38	\$-21,651
INVE	\$-173,015	\$-53,509	\$-38,820	\$4,834	\$625	\$654	\$1,035	\$14,898	\$1,035	\$-56,864	\$246	\$3,133	\$7,000	\$-5,672	\$698	\$958	\$4,352	\$-336	\$4,308
MASN	\$8,803	\$-2,886	\$-3,343	\$0	\$0	\$0	\$-7	\$0	\$0	\$-3,477	\$0	\$0	\$-103	\$-430	\$0	\$0	\$0	\$-8	\$-4,338
MECX	\$-33,924	\$-9,233	\$8,844	\$2,447	\$368	\$385	\$690	\$8,775	\$610	\$-6,639	\$145	\$1,845	\$4,915	\$-822	\$411	\$564	\$2,563	\$-136	\$37,522
MULT	\$-3,980	\$-1,305	\$-1,512	\$0	\$0	\$0	\$-3	\$0	\$0	\$-1,572	\$0	\$0	\$-46	\$-194	\$0	\$0	\$0	\$-4	\$-2,652
NWBU	\$-311,549	\$-102,124	\$-118,327	\$0	\$0	\$0	\$-234	\$0	\$0	\$-123,667	\$0	\$0	\$-3,628	\$-15,299	\$0	\$0	\$0	\$-283	\$-160,604
PECX2	\$-1,319,798	\$-432,622	\$-501,261	\$0	\$0	\$0	\$-990	\$0	\$0	\$-321,340	\$0	\$0	\$-15,369	\$-64,430	\$0	\$0	\$0	\$-1,198	\$-680,337
PECX1	\$-6,288	\$-2,061	\$-2,388	\$0	\$0	\$0	\$-5	\$0	\$0	\$-2,484	\$0	\$0	\$-73	\$-307	\$0	\$0	\$0	\$-6	\$-2,542
ROEC	\$-604,818	\$-196,966	\$-214,660	\$1,946	\$252	\$263	\$36	\$5,997	\$417	\$-234,291	\$99	\$1,261	\$-3,414	\$-328,410	\$281	\$432	\$386	\$-621	\$-274,187
RELOEN	\$9,495,701	\$2,878,066	\$905,673	\$353,492	\$45,741	\$47,888	\$81,838	\$1,090,700	\$75,808	\$-2,910,556	\$17,988	\$239,361	\$549,419	\$260,474	\$51,137	\$78,635	\$318,581	\$-21,716	\$1,942,625
ROEC1	\$-6,586	\$-1,987	\$-327	\$259	\$33	\$35	\$60	\$797	\$55	\$-1,987	\$13	\$168	\$406	\$-173	\$37	\$57	\$233	\$-16	\$1,603
ROEC2	\$-70	\$-23	\$-70	\$0	\$0	\$0	\$0	\$0	\$0	\$-28	\$0	\$0	\$-1	\$-3	\$0	\$0	\$0	\$0	\$-36
SBEC	\$-148,923	\$-48,816	\$-56,361	\$0	\$0	\$0	\$-112	\$0	\$0	\$-58,827	\$0	\$0	\$-1,734	\$-7,270	\$0	\$0	\$0	\$-135	\$-76,770
SANM	\$-160,825	\$-52,718	\$-61,082	\$0	\$0	\$0	\$-121	\$0	\$0	\$-63,259	\$0	\$0	\$-1,873	\$-8,751	\$0	\$0	\$0	\$-146	\$-82,906
SMEC	\$169,634	\$58,365	\$96,201	\$4,103	\$538	\$563	\$1,174	\$12,832	\$802	\$76,895	\$212	\$2,698	\$9,740	\$10,671	\$602	\$925	\$3,748	\$0	\$167,889
SNBB	\$-15,113	\$-4,954	\$-5,740	\$0	\$0	\$0	\$-11	\$0	\$0	\$-5,970	\$0	\$0	\$-176	\$-738	\$0	\$0	\$0	\$-14	\$-7,791
SCHL	\$-30,199	\$-6,621	\$-7,672	\$0	\$0	\$0	\$-15	\$0	\$0	\$-7,979	\$0	\$0	\$-235	\$-986	\$0	\$0	\$0	\$-18	\$-10,413
SEGN	\$-98,746	\$-32,368	\$-37,504	\$0	\$0	\$0	\$-74	\$0	\$0	\$-39,066	\$0	\$0	\$-1,150	\$-4,821	\$0	\$0	\$0	\$-90	\$-50,904
SHRY	\$66,249	\$22,903	\$38,830	\$1,791	\$231	\$242	\$500	\$5,520	\$384	\$30,422	\$91	\$1,161	\$4,111	\$4,262	\$259	\$355	\$1,612	\$-6	\$68,755
SHNR	\$-16,047	\$-5,260	\$-6,095	\$0	\$0	\$0	\$-12	\$0	\$0	\$-6,339	\$0	\$0	\$-187	\$-783	\$0	\$0	\$0	\$-15	\$-8,272
SMTH	\$-17,029	\$-5,582	\$-6,468	\$0	\$0	\$0	\$-13	\$0	\$0	\$-6,727	\$0	\$0	\$-198	\$-831	\$0	\$0	\$0	\$-15	\$-8,778
STEC	\$772,889	\$273,070	\$520,623	\$29,755	\$3,846	\$4,026	\$8,059	\$91,704	\$6,374	\$375,961	\$1,512	\$19,244	\$64,491	\$54,807	\$4,299	\$6,611	\$3,895	\$-399	\$973,323
SWTE	\$-84,172	\$-12,478	\$-23,114	\$52	\$7	\$7	\$-16	\$160	\$11	\$-14,955	\$3	\$34	\$-348	\$-1,834	\$7	\$10	\$47	\$-37	\$-18,675
TECX	\$-64,206	\$-20,936	\$-23,114	\$107	\$22	\$23	\$-6	\$514	\$36	\$-24,967	\$8	\$108	\$-547	\$-3,039	\$24	\$33	\$64	\$-64	\$-29,879
TMPP	\$1,400,137	\$492,498	\$917,665	\$6,541	\$6,541	\$6,848	\$13,770	\$155,960	\$10,840	\$673,344	\$2,572	\$32,797	\$110,677	\$97,392	\$7,312	\$11,244	\$10,026	\$45,554	\$1,699,496
TNMP	\$-957,987	\$-295,888	\$-155,144	\$27,345	\$3,334	\$3,700	\$6,155	\$84,278	\$5,858	\$-13,471	\$1,390	\$17,723	\$39,842	\$-31,073	\$3,951	\$6,076	\$5,418	\$-1,882	\$34,514
TLXA	\$-131,020	\$-43,147	\$-49,993	\$0	\$0	\$0	\$-99	\$0	\$0	\$-51,996	\$0	\$0	\$-1,533	\$-6,426	\$0	\$0	\$0	\$-120	\$-67,855
TVEG	\$41,536	\$14,979	\$24,689	\$1,069	\$138	\$145	\$301	\$3,293	\$229	\$19,735	\$54	\$693	\$2,500	\$2,739	\$154	\$237	\$962	\$0	\$43,088
TUOONOR	\$20,309,868	\$-6,371,419	\$-4,200,321	\$401,540	\$55,777	\$58,395	\$93,247	\$1,330,013	\$92,442	\$-6,997,925	\$21,934	\$279,686	\$568,302	\$-743,844	\$62,357	\$95,888	\$85,500	\$38,482	\$-2,131,824
WAEI	\$-4,921	\$-1,613	\$-1,869	\$0	\$0	\$0	\$-4	\$0	\$0	\$-1,944	\$0	\$0	\$-57	\$-240	\$0	\$0	\$0	\$-4	\$-2,537
WEAT	\$-109,597	\$-35,925	\$-41,625	\$0	\$0	\$0	\$-82	\$0	\$0	\$-43,292	\$0	\$0	\$-1,276	\$-5,350	\$0	\$0	\$0	\$-100	\$-56,497
WEM	\$-12,808	\$-4,198	\$-4,864	\$0	\$0	\$0	\$-10	\$0	\$0	\$-5,059	\$0	\$0	\$-149	\$-625	\$0	\$0	\$0	\$-12	\$-6,603
YONM	\$-30,336	\$-9,944	\$-11,322	\$0	\$0	\$0	\$-23	\$0	\$0	\$-11,983	\$0	\$0	\$-353	\$-1,481	\$0	\$0	\$0	\$-28	\$-15,638
Total	\$24,186,924	\$18,194,269	\$1,454,185	\$1,599,814	\$195,442	\$284,196	\$353,714	\$4,650,801	\$333,251	\$9,906,664	\$76,798	\$978,009	\$2,416,569	\$801,204	\$218,650	\$335,302	\$1,388,447	\$86,941	\$11,451,335

A negative number represents a payment from a row entity to a column entity
A positive number represents a receipt to a row entity from a column entity

\$
- outflow
+ inflow

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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2002 Net Matrix Payment
 Rowwise: A negative number represents a payment from a row entity to a column entity, positive a receipt to a row entity from a column entity.

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Rowwise:

A negative number represents a payment from a row entity to a column entity
 A positive number represents a receipt to a row entity from a column entity

	GBRX	GCXC	GRIS	GVXC	BLTS	BAMC	BERN	HEMP	HCXC	KPIB	LGRC	LCXC	LMPS	LACN	LBXC	LLAN	LBXT
LLAN	\$0	-\$41	-\$29	\$0	\$0	\$0	\$0	\$0	-\$37	\$0	\$0	-\$16	\$0	\$0	\$0	\$0	\$0
LBXT	\$0	-\$91	-\$735	\$0	\$0	\$0	\$0	\$0	-\$83	\$0	\$0	-\$36	\$0	\$0	\$0	\$0	\$0
LCRA	\$27,021	\$0	\$72,372	\$309,765	\$12,866	\$34,527	\$16,681	\$17,540	\$0	\$144,547	\$22,509	\$0	\$29,984	\$4,067	\$2,164	\$14,730	\$32,903
LULG	\$0	-\$45	-\$361	\$0	\$0	\$0	\$0	\$0	-\$41	\$0	\$0	-\$18	\$0	\$0	\$0	\$0	\$0
LYEC	\$0	-\$97	-\$782	\$0	\$0	\$0	\$0	\$0	-\$98	\$0	\$0	-\$38	\$0	\$0	\$0	\$0	\$0
MVEC	\$951	-\$851	-\$4,338	\$10,904	\$453	\$1,215	\$387	\$617	-\$776	\$5,088	\$792	-\$335	\$1,055	\$143	\$76	\$538	\$1,138
MASH	\$0	-\$20	-\$164	\$0	\$0	\$0	\$0	\$0	-\$18	\$0	\$0	-\$8	\$0	\$0	\$0	\$0	\$0
MECC	\$560	-\$545	-\$1,200	\$6,422	\$267	\$716	\$346	\$364	-\$314	\$2,997	\$467	-\$136	\$622	\$84	\$45	\$305	\$682
MULT	\$0	-\$9	-\$74	\$0	\$0	\$0	\$0	\$0	-\$8	\$0	\$0	-\$4	\$0	\$0	\$0	\$0	\$0
NWBL	\$0	-\$716	-\$5,798	\$0	\$0	\$0	\$0	\$0	-\$653	\$0	\$0	-\$282	\$0	\$0	\$0	\$0	\$0
PEC2	\$0	-\$3,035	-\$24,562	\$0	\$0	\$0	\$0	\$0	-\$2,768	\$0	\$0	-\$1,196	\$0	\$0	\$0	\$0	\$0
PEC21	\$0	-\$14	-\$117	\$0	\$0	\$0	\$0	\$0	-\$13	\$0	\$0	-\$6	\$0	\$0	\$0	\$0	\$0
RECC	\$383	-\$1,573	-\$11,706	\$4,389	\$182	\$489	\$236	\$249	-\$1,435	\$2,048	\$319	-\$620	\$425	\$38	\$31	\$209	\$466
RELCEN	\$69,633	-\$54,997	-\$258,573	\$798,260	\$33,157	\$88,976	\$42,986	\$45,200	-\$50,147	\$372,496	\$58,006	-\$21,672	\$77,269	\$10,482	\$5,577	\$37,959	\$84,790
RGE1	\$51	-\$39	-\$182	\$983	\$24	\$65	\$31	\$33	-\$36	\$272	\$42	-\$16	\$36	\$8	\$4	\$28	\$62
RGE2	\$0	\$0	-\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SREG	\$0	-\$542	-\$2,772	\$0	\$0	\$0	\$0	\$0	-\$312	\$0	\$0	-\$135	\$0	\$0	\$0	\$0	\$0
SANM	\$0	-\$370	-\$2,993	\$0	\$0	\$0	\$0	\$0	-\$337	\$0	\$0	-\$146	\$0	\$0	\$0	\$0	\$0
SNEC	\$819	\$0	\$2,194	\$9,391	\$390	\$1,047	\$506	\$532	\$0	\$4,382	\$682	\$0	\$989	\$123	\$66	\$447	\$998
SNBS	\$0	-\$35	-\$281	\$0	\$0	\$0	\$0	\$0	-\$32	\$0	\$0	-\$14	\$0	\$0	\$0	\$0	\$0
SOHL	\$0	-\$46	-\$376	\$0	\$0	\$0	\$0	\$0	-\$42	\$0	\$0	-\$18	\$0	\$0	\$0	\$0	\$0
SECH	\$0	-\$227	-\$1,838	\$0	\$0	\$0	\$0	\$0	-\$207	\$0	\$0	-\$89	\$0	\$0	\$0	\$0	\$0
SHRT	\$352	-\$15	\$819	\$4,040	\$168	\$450	\$218	\$229	-\$14	\$1,885	\$294	-\$6	\$391	\$53	\$38	\$192	\$429
SHNR	\$0	-\$37	-\$399	\$0	\$0	\$0	\$0	\$0	-\$34	\$0	\$0	-\$15	\$0	\$0	\$0	\$0	\$0
SMTH	\$0	-\$39	-\$317	\$0	\$0	\$0	\$0	\$0	-\$36	\$0	\$0	-\$15	\$0	\$0	\$0	\$0	\$0
STEC	\$5,855	-\$1,011	\$7,902	\$67,116	\$2,788	\$7,481	\$3,614	\$3,800	-\$921	\$31,319	\$4,877	-\$398	\$6,407	\$881	\$469	\$3,191	\$7,129
SWTE	\$10	-\$93	-\$722	\$117	\$5	\$13	\$6	\$7	-\$84	\$55	\$9	-\$37	\$11	\$2	\$1	\$6	\$12
TECC	\$33	-\$163	-\$1,233	\$376	\$16	\$42	\$20	\$21	-\$149	\$42	\$27	-\$64	\$36	\$5	\$3	\$18	\$40
TMFA	\$9,957	-\$1,522	\$14,354	\$114,144	\$4,741	\$12,723	\$6,147	\$6,463	-\$1,387	\$53,263	\$8,394	-\$600	\$11,049	\$1,499	\$797	\$5,428	\$12,124
TNMP	\$5,381	-\$4,765	-\$24,153	\$61,681	\$2,562	\$6,875	\$3,321	\$3,493	-\$4,345	\$28,782	\$4,482	-\$1,878	\$5,971	\$810	\$431	\$2,933	\$6,552
TALA	\$0	-\$303	-\$2,450	\$0	\$0	\$0	\$0	\$0	-\$276	\$0	\$0	-\$119	\$0	\$0	\$0	\$0	\$0
TVEC	\$210	\$0	\$563	\$2,410	\$100	\$269	\$130	\$136	\$0	\$1,125	\$175	\$0	\$233	\$32	\$17	\$115	\$256
TX-ONCOR	\$84,912	-\$87,141	-\$477,792	\$973,407	\$40,832	\$106,499	\$52,417	\$55,117	-\$78,458	\$454,236	\$70,734	-\$34,339	\$94,233	\$12,782	\$6,800	\$46,387	\$103,394
WAL	\$0	-\$11	-\$92	\$0	\$0	\$0	\$0	\$0	-\$10	\$0	\$0	-\$4	\$0	\$0	\$0	\$0	\$0
WEAT	\$0	-\$232	-\$2,040	\$0	\$0	\$0	\$0	\$0	-\$230	\$0	\$0	-\$99	\$0	\$0	\$0	\$0	\$0
WESM	\$0	-\$29	-\$238	\$0	\$0	\$0	\$0	\$0	-\$27	\$0	\$0	-\$12	\$0	\$0	\$0	\$0	\$0
YODM	\$0	-\$70	-\$565	\$0	\$0	\$0	\$0	\$0	-\$64	\$0	\$0	-\$37	\$0	\$0	\$0	\$0	\$0
Total	\$264,738	-\$219,938	-\$984,591	\$3,403,828	\$141,382	\$379,599	\$183,835	\$192,765	-\$208,508	\$1,888,542	\$247,542	-\$86,666	\$229,481	\$44,685	\$23,779	\$167,838	\$361,549
Dates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

2002 Net Matrix Payment
 Reverse: A negative number a payment from a row entity to a column entity, positive a receipt to a row entity from a column entity

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Rowwise:

A negative number represents a payment from a row entity to a column entity
 A positive number represents a receipt to a row entity from a column entity

	LCRA	LULG	LYEC	MYEC	MASN	MECK	MULT	NWBU	PECK2	PECK1	RCCE	REIL-CE	RGEC1	RGEC2	SBEC	SANM	SMEC	SNSB	SCSL	SEGN
LLAN	\$14,730	\$0	\$0	\$-518	\$0	\$-505	\$0	\$0	\$0	\$0	\$-299	\$-37,959	\$-28	\$0	\$0	\$0	\$-547	\$0	\$0	\$0
LUIT	\$-2,003	\$0	\$0	\$-1,138	\$0	\$-682	\$0	\$0	\$0	\$0	\$0	\$-84,790	\$-62	\$0	\$0	\$0	\$-998	\$0	\$0	\$0
LCRA	\$0	\$16,138	\$35,011	\$398,400	\$7,238	\$124,975	\$3,318	\$259,702	\$1,001,158	\$5,242	\$70,255	\$19,934,933	\$14,275	\$59	\$124,140	\$134,061	\$0	\$12,598	\$16,838	\$82,313
LULG	\$-16,138	\$0	\$0	\$-369	\$0	\$-335	\$0	\$0	\$0	\$0	\$-329	\$-41,639	\$-30	\$0	\$0	\$0	\$-490	\$0	\$0	\$0
LYEC	\$-35,011	\$0	\$0	\$-1,232	\$0	\$-726	\$0	\$0	\$0	\$0	\$-896	\$-90,223	\$-66	\$0	\$0	\$0	\$-1,061	\$0	\$0	\$0
MYEC	\$398,400	\$369	\$1,232	\$0	\$238	\$-1,995	\$117	\$9,141	\$38,725	\$185	\$15,703	\$93,036	\$-78	\$2	\$4,370	\$4,719	\$-9,330	\$443	\$593	\$2,897
MASN	\$7,238	\$0	\$0	\$-258	\$0	\$-152	\$0	\$0	\$0	\$0	\$-104	\$-18,910	\$-14	\$0	\$0	\$0	\$-222	\$0	\$0	\$0
MECK	\$-2,003	\$335	\$726	\$1,995	\$152	\$0	\$69	\$5,384	\$22,808	\$109	\$10,052	\$91,230	\$61	\$1	\$2,574	\$2,779	\$-3,789	\$261	\$349	\$1,706
MULT	\$-3,318	\$0	\$0	\$-117	\$0	\$-69	\$0	\$0	\$0	\$0	\$-47	\$-88,450	\$-36	\$0	\$0	\$0	\$-101	\$0	\$0	\$0
NWBU	\$259,702	\$0	\$0	\$-9,141	\$0	\$-53,384	\$0	\$0	\$0	\$0	\$-3,680	\$-669,246	\$-899	\$0	\$0	\$0	\$-7,873	\$0	\$0	\$0
PECK2	\$1,001,158	\$0	\$0	\$-38,725	\$0	\$-23,808	\$0	\$0	\$0	\$0	\$-15,939	\$-2,815,089	\$-2,072	\$0	\$0	\$0	\$-13,353	\$0	\$0	\$0
PECK1	\$5,242	\$0	\$0	\$-104	\$0	\$-109	\$0	\$0	\$0	\$0	\$-74	\$-12,508	\$-10	\$0	\$0	\$0	\$-159	\$0	\$0	\$0
RCCE	\$70,255	\$229	\$496	\$1,995	\$104	\$-10,052	\$47	\$3,680	\$15,939	\$74	\$0	\$-18,187,064	\$-72	\$1	\$1,759	\$1,900	\$-17,288	\$179	\$239	\$1,166
REIL-CE	\$19,934,933	\$41,639	\$90,223	\$93,036	\$18,910	\$91,230	\$8,550	\$669,246	\$2,815,089	\$15,938	\$1,872,064	\$0	\$-763	\$151	\$319,906	\$345,473	\$-604,367	\$32,465	\$43,390	\$212,118
RGEC1	\$-14,275	\$30	\$66	\$78	\$14	\$-61	\$6	\$489	\$2,072	\$10	\$872	\$763	\$0	\$0	\$234	\$253	\$-433	\$24	\$32	\$155
RGEC2	\$-59	\$0	\$0	\$-2	\$0	\$-1	\$0	\$0	\$0	\$0	\$-1	\$-151	\$0	\$0	\$0	\$0	\$-2	\$0	\$0	\$0
SBEC	\$-124,140	\$0	\$0	\$-4,370	\$0	\$-2,574	\$0	\$0	\$0	\$0	\$-1,759	\$-319,906	\$-234	\$0	\$0	\$0	\$-3,764	\$0	\$0	\$0
SANM	\$134,061	\$0	\$0	\$-1,061	\$0	\$-4,779	\$0	\$0	\$0	\$0	\$-1,900	\$-345,473	\$-253	\$0	\$0	\$0	\$-4,064	\$0	\$0	\$0
SMEC	\$0	\$490	\$1,061	\$9,330	\$222	\$3,789	\$101	\$7,873	\$33,353	\$159	\$17,288	\$604,367	\$433	\$2	\$3,764	\$4,064	\$0	\$382	\$510	\$2,495
SNSB	\$-12,598	\$0	\$0	\$-443	\$0	\$-261	\$0	\$0	\$0	\$0	\$-179	\$-32,465	\$-24	\$0	\$0	\$0	\$-382	\$0	\$0	\$0
SCSL	\$-16,838	\$0	\$0	\$-593	\$0	\$-349	\$0	\$0	\$0	\$0	\$-239	\$-43,390	\$-32	\$0	\$0	\$0	\$-510	\$0	\$0	\$0
SEGN	\$-82,313	\$0	\$0	\$-2,897	\$0	\$-1,706	\$0	\$0	\$0	\$0	\$-1,166	\$-12,511,118	\$-155	\$0	\$0	\$0	\$-2,495	\$0	\$0	\$0
SHRY	\$-55,602	\$211	\$457	\$3,825	\$96	\$1,514	\$43	\$3,387	\$14,347	\$68	\$7,357	\$245,539	\$176	\$1	\$1,619	\$1,748	\$-170	\$164	\$220	\$1,073
SHNR	\$-13,377	\$0	\$0	\$-471	\$0	\$-277	\$0	\$0	\$0	\$0	\$-190	\$-34,472	\$-25	\$0	\$0	\$0	\$-406	\$0	\$0	\$0
SMTH	\$14,195	\$0	\$0	\$-500	\$0	\$-294	\$0	\$0	\$0	\$0	\$-201	\$-36,580	\$-27	\$0	\$0	\$0	\$-430	\$0	\$0	\$0
STEC	\$566,310	\$3,501	\$7,586	\$53,026	\$1,590	\$19,484	\$719	\$56,269	\$238,369	\$1,136	\$18,365	\$3,375,379	\$2,403	\$13	\$26,897	\$29,047	\$-11,105	\$2,730	\$3,648	\$17,834
SWTE	\$-33,381	\$6	\$13	\$-1,066	\$3	\$-669	\$1	\$98	\$416	\$2	\$-260	\$-79,008	\$-58	\$0	\$47	\$51	\$-1,018	\$5	\$6	\$31
TECK	\$-59,181	\$20	\$42	\$-1,709	\$9	\$-1,075	\$4	\$315	\$1,335	\$6	\$-147	\$-128,318	\$-94	\$0	\$151	\$163	\$-1,794	\$15	\$20	\$109
TMFA	\$-551,549	\$5,054	\$12,901	\$94,226	\$2,704	\$6,617	\$1,223	\$95,696	\$405,392	\$1,931	\$302,315	\$5,924,384	\$4,221	\$22	\$45,744	\$46,399	\$-16,721	\$4,642	\$6,204	\$30,331
TMPP	\$-1,727,272	\$3,217	\$6,971	\$609	\$1,461	\$-10,024	\$661	\$51,712	\$219,065	\$1,044	\$89,075	\$-481,675	\$-411	\$12	\$24,719	\$26,694	\$-52,366	\$2,569	\$3,353	\$16,390
TLA	\$-109,724	\$0	\$0	\$-3,862	\$0	\$-2,275	\$0	\$0	\$0	\$0	\$-1,555	\$-282,756	\$-207	\$0	\$0	\$0	\$-3,326	\$0	\$0	\$0
TVEG	\$0	\$136	\$572	\$2,400	\$57	\$972	\$26	\$2,021	\$8,560	\$41	\$4,437	\$15,107	\$111	\$0	\$966	\$1,043	\$0	\$98	\$131	\$640
TXU-ONCOR	\$-31,566,639	\$50,775	\$110,019	\$-142,726	\$23,059	\$-262,128	\$10,426	\$816,087	\$3,457,142	\$16,471	\$1,344,396	\$-18,754,612	\$-14,639	\$184	\$390,097	\$421,274	\$-997,612	\$39,388	\$52,911	\$238,660
WAEI	\$-4,102	\$0	\$0	\$-144	\$0	\$-385	\$0	\$0	\$0	\$0	\$-58	\$-10,572	\$-8	\$0	\$0	\$0	\$-124	\$0	\$0	\$0
WEAT	\$-91,558	\$0	\$0	\$-3,216	\$0	\$-1,894	\$0	\$0	\$0	\$0	\$-1,395	\$-235,427	\$-172	\$0	\$0	\$0	\$-2,770	\$0	\$0	\$0
WEIM	\$-10,676	\$0	\$0	\$-376	\$0	\$-221	\$0	\$0	\$0	\$0	\$-151	\$-22,513	\$-20	\$0	\$0	\$0	\$-324	\$0	\$0	\$0
YOKM	\$-25,237	\$0	\$0	\$-524	\$0	\$-234	\$0	\$0	\$0	\$0	\$-358	\$-505,165	\$-48	\$0	\$0	\$0	\$-767	\$0	\$0	\$0
Total	\$-79,719,315	\$117,549	\$384,714	\$482,717	\$90,634	\$-279,455	\$36,456	\$2,853,701	\$12,088,965	\$75,597	\$5,136,578	\$13,617,461	\$6,700	\$643	\$1,364,894	\$1,673,114	\$-2,116,459	\$138,431	\$185,019	\$904,484

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Rowwise:
A negative number represents a payment from a row entity to a column entity
A positive number represents a receipt to a row entity from a column entity

	SERV	SENR	SMTE	STEC	SWTE	TECX	TMPA	TNMP	TOLA	TVEC	TRU-ONCOR	WAEI	WEAT	WZEM	YOKM	Total
LLAN	\$-192	\$0	\$-3,191	\$0	\$-6	\$-18	\$-5,428	\$-2,933	\$0	\$-115	\$-46,287	\$0	\$0	\$0	\$0	\$-161,858
LURT	\$-29	\$0	\$0	\$-7,129	\$-12	\$-40	\$-12,124	\$-6,552	\$0	\$-256	\$-103,394	\$0	\$0	\$0	\$0	\$-361,549
LORA	\$5,602	\$13,377	\$14,195	\$366,310	\$33,581	\$59,181	\$551,549	\$1,727,272	\$109,724	\$0	\$31,586,899	\$4,102	\$91,358	\$10,576	\$25,387	\$79,179,215
LULG	\$0	\$0	\$0	\$-3,201	\$-6	\$-20	\$-5,954	\$-3,217	\$0	\$-126	\$0	\$0	\$0	\$0	\$0	\$-177,549
LYEC	\$-457	\$0	\$0	\$-7,586	\$-13	\$-42	\$-12,901	\$-6,971	\$0	\$-272	\$-110,019	\$0	\$0	\$0	\$0	\$-384,714
MVEC	\$-3,825	\$471	\$500	\$-33,926	\$1,066	\$1,709	\$-94,226	\$-6,699	\$3,862	\$-2,400	\$142,736	\$144	\$3,216	\$376	\$890	\$-582,717
MASN	\$-96	\$0	\$0	\$-1,590	\$-3	\$-9	\$-2,704	\$-1,461	\$0	\$-57	\$-23,059	\$0	\$0	\$0	\$0	\$-899,634
MUSN	\$-1,514	\$277	\$294	\$-19,484	\$649	\$1,075	\$-34,617	\$10,924	\$2,275	\$-972	\$362,128	\$85	\$1,894	\$221	\$524	\$279,455
MUT	\$-43	\$0	\$0	\$-719	\$-1	\$-4	\$-1,223	\$-661	\$0	\$-26	\$-10,426	\$0	\$0	\$0	\$0	\$-36,458
NMBU	\$3,387	\$0	\$0	\$-56,269	\$-98	\$-315	\$-95,696	\$-31,712	\$0	\$-2,021	\$-816,087	\$0	\$0	\$0	\$0	\$-2,853,701
PECH2	\$-14,347	\$0	\$0	\$-238,369	\$-416	\$-1,335	\$-403,392	\$-219,065	\$0	\$-8,560	\$-3,457,142	\$0	\$0	\$0	\$0	\$-12,088,965
PECH1	\$-68	\$0	\$0	\$-1,136	\$-2	\$-6	\$-1,931	\$-1,044	\$0	\$-41	\$-16,471	\$0	\$0	\$0	\$0	\$-57,597
PEEC	\$-7,357	\$190	\$201	\$-118,365	\$260	\$147	\$-320,315	\$-89,075	\$1,555	\$-4,437	\$-1,344,396	\$58	\$1,295	\$151	\$358	\$-3,136,578
REI-CEN	\$-245,539	\$34,472	\$36,580	\$-3,375,279	\$79,008	\$128,318	\$-5,924,384	\$481,675	\$282,756	\$-151,107	\$18,754,612	\$10,572	\$23,427	\$27,513	\$65,165	\$-13,617,481
RREC1	\$-176	\$25	\$27	\$-2,403	\$58	\$94	\$-4,221	\$411	\$207	\$0	\$-184	\$0	\$172	\$20	\$48	\$-6,700
RREC2	\$-1	\$0	\$0	\$-13	\$0	\$-2	\$-22	\$-12	\$0	\$0	\$-900,097	\$0	\$0	\$0	\$0	\$-904,094
SREC	\$-1,619	\$0	\$0	\$-26,897	\$-47	\$-151	\$-45,744	\$-24,719	\$0	\$-966	\$-390,097	\$0	\$0	\$0	\$0	\$-1,364,094
SANM	\$-1,748	\$0	\$0	\$-29,047	\$-51	\$-163	\$-49,399	\$-26,694	\$0	\$-1,043	\$-421,274	\$0	\$0	\$0	\$0	\$-1,473,114
SNEC	\$170	\$406	\$430	\$11,105	\$1,018	\$1,794	\$16,721	\$32,366	\$3,326	\$0	\$957,612	\$124	\$2,770	\$224	\$767	\$2,416,850
SNSB	\$-164	\$0	\$0	\$-2,730	\$-5	\$-15	\$-4,642	\$-2,509	\$0	\$-98	\$-39,388	\$0	\$0	\$0	\$0	\$-138,431
SCHL	\$-220	\$0	\$0	\$-3,648	\$-6	\$-39	\$-6,204	\$-3,353	\$0	\$-131	\$-52,911	\$0	\$0	\$0	\$0	\$-185,019
SEON	\$-1,073	\$0	\$0	\$-17,854	\$-31	\$-100	\$-30,331	\$-16,390	\$0	\$-640	\$-238,660	\$0	\$0	\$0	\$0	\$-304,684
SERY	\$0	\$174	\$185	\$3,563	\$456	\$765	\$5,129	\$21,410	\$1,431	\$-44	\$394,324	\$54	\$1,191	\$139	\$330	\$978,678
SHNR	\$-174	\$0	\$0	\$-2,898	\$-5	\$-16	\$-4,929	\$-2,664	\$0	\$-104	\$-42,035	\$0	\$0	\$0	\$0	\$-165,979
SMTH	\$-185	\$0	\$0	\$-3,076	\$-5	\$-17	\$-5,231	\$-2,827	\$0	\$-110	\$-44,606	\$0	\$0	\$0	\$0	\$-155,979
STEC	\$-563	\$2,898	\$3,076	\$0	\$7,138	\$12,378	\$15,477	\$301,304	\$33,774	\$-2,850	\$5,692,706	\$869	\$19,794	\$2,313	\$5,479	\$13,247,434
SWTE	\$-765	\$5	\$5	\$-7,138	\$18	\$0	\$-12,166	\$-6,034	\$41	\$-261	\$-93,595	\$2	\$35	\$4	\$10	\$-338,891
TECX	\$0	\$17	\$17	\$-12,378	\$18	\$0	\$-21,138	\$-9,688	\$133	\$-640	\$-147,641	\$5	\$111	\$13	\$31	\$-553,568
TMPP	\$5,129	\$4,929	\$5,231	\$15,477	\$12,166	\$21,138	\$0	\$256,648	\$40,431	\$-4,291	\$9,906,002	\$5,312	\$33,664	\$3,994	\$9,318	\$23,314,799
TNMP	\$-21,410	\$2,664	\$2,827	\$-301,304	\$6,034	\$9,688	\$-526,648	\$0	\$21,848	\$-13,439	\$861,795	\$817	\$18,191	\$2,126	\$5,035	\$-3,106,100
TOLA	\$-1,431	\$0	\$0	\$-23,774	\$-41	\$-133	\$-40,431	\$-21,848	\$0	\$-854	\$-344,796	\$0	\$0	\$0	\$0	\$-1,385,685
TVEC	\$44	\$104	\$110	\$2,450	\$261	\$460	\$4,291	\$13,439	\$854	\$0	\$245,765	\$32	\$711	\$83	\$197	\$603,369
TRU-ONCOR	\$-394,324	\$42,035	\$44,666	\$-5,692,706	\$93,595	\$147,641	\$-9,906,002	\$-861,795	\$344,796	\$-345,765	\$0	\$12,891	\$287,083	\$33,550	\$79,463	\$-96,575,929
WAEI	\$-554	\$0	\$0	\$-889	\$-2	\$-5	\$-1,512	\$-817	\$0	\$-32	\$-12,891	\$0	\$0	\$0	\$0	\$-45,079
WEAT	\$-1,191	\$0	\$0	\$-19,794	\$-35	\$-111	\$-33,664	\$-18,191	\$0	\$-711	\$-307,083	\$0	\$0	\$0	\$0	\$-1,083,874
WZEM	\$-139	\$0	\$0	\$-2,313	\$-4	\$-13	\$-3,934	\$-2,126	\$0	\$-83	\$-33,550	\$0	\$0	\$0	\$0	\$-117,317
YOKM	\$-330	\$0	\$0	\$-55,479	\$10	\$-531	\$-99,318	\$-55,035	\$0	\$-197	\$-79,463	\$0	\$0	\$0	\$0	\$-277,868
Total	\$-978,078	\$14,650	\$15,579	\$-13,247,434	\$338,891	\$502,668	\$-23,314,799	\$2,186,100	\$1,204,685	\$-820,569	\$96,575,929	\$45,079	\$1,083,874	\$112,317	\$277,868	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0