

Tel: 651.297.8955 Fax: 651.221.0353 www.districtenergy.com



August 16, 2022

Shari Moore City Clerk 310 City Hall 15 Kellogg Boulevard West Saint Paul, MN 55102

Re: District Cooling Service Rates

Dear Ms. Moore:

Pursuant to Section 11 E. of the district cooling franchise (City Ordinance No. 07-1109, §§ 1 and 2, adopted December 12, 2007), District Energy St. Paul, Inc. hereby files notice of the rates to be charged to district cooling customers effective October 1, 2022.

These rates were determined in accordance with the District Cooling Service Agreement and approved unanimously by District Energy St. Paul's Board of Directors on June 9, 2022. As detailed on the enclosed exhibit, the new rates are:

Two-Part Rate:

Demand: \$32.08 per ton per month \$0.096 per ton-hour **Energy:**

Transition Rate: \$0.417 per ton-hour

District Energy St. Paul will, of course, abide by the provisions of the City of Saint Paul's Ex Parte Ordinance set forth in Chapter 11 of the Administrative Code. Please contact me at 651.297.8955 if there are any questions.

Sincerely,

DISTRICT ENERGY ST. PAUL INC.

Kenneth W. Smith

President

Enclosures: Rate Calculations Summary, Schedule A (Amended) and Attachment 1

City Council Members cc:

District Energy Board

John McCarthy, Director, Office of Financial Services Sarah Brown, Treasurer, Office of Financial Services

Lyndsey Olson, City Attorney

Saint Paul BOMA

SCHEDULE A (AMENDED)

to

DISTRICT COOLING FRANCHISE

granted to

DISTRICT ENERGY ST. PAUL, INC.

by the

CITY OF ST. PAUL

(Ordinance No. 07-1109, §§ 1 and 2, adopted December 12, 2007 and Ordinance 13-45, § 1, adopted September 25, 2013)

RATES: The following rates for the Chilled Water service shall be effective beginning with the billing month of **October 2022** and shall remain in effect until superseded:

Two-Part Rate:

Demand \$32.08 per ton per month **Energy** \$0.097 per ton-hour

Transition Rate: \$0.417 per ton-hour

TRANSITION RATE: The Transition Rate is the single rate charge per ton-hour of energy usage, subject to utilization hour adjustments, due to exceptional circumstances where a Customer building is undergoing major modifications that substantially and temporarily reduce chilled water service requirements, Customer and District Energy may agree to a single rate for the transition period.

PROMPT PAYMENT PROVISION: A charge of 5 percent will be added to the net bill computed at the rates shown above, which charge shall constitute a discount from the gross bill for payment within the discount period, all as more specifically provided in the District Cooling Service Agreement.

FUEL ADJUSTMENT: As provided in the District Cooling Service Agreement, the energy charge may be appropriately adjusted (i.e., spread over the remaining months in the fiscal year) from time to time during the fiscal year to cover cost increases (or decreases) occurring subsequent to the establishment of projected energy-related costs for such period regarding energy purchased by District Energy St. Paul, Inc. for the Chilled Water service, to the extent such costs are in excess of (or below) those costs projected by District Energy St. Paul, Inc. in establishing the energy charge for such period.

SURCHARGE: A City franchise fee surcharge of 3.51965 percent will be added to the gross and net monthly bills computed under this rate schedule except as otherwise provided by law.

SERVICE CHARGES: The attached service charges shall be effective beginning with the billing month of October 2022 and shall remain in effect until superseded.

DISTRICT ENERGY ST. PAUL, INC. District Cooling Service Charges Effective October 2022

Pursuant to Sections 8.3 and 8.4 of the District Cooling Service Agreement as amended, the following district cooling rates are established for performance of specific services more properly charged to an individual Customer than to all Customers as a whole. Service charges are payable within 30 days of billing and are in addition to Demand Charges and Energy Charges.

1. Restoration of district cooling service after shutoff by District Energy:

Flat charge: \$500.00

2. Damage to District Energy's district cooling system equipment:

Actual cost of repair or replacement as determined by District Energy plus service charge of \$100.00/hour.

3. Unauthorized drainage of district cooling system water:

The sum of the following:

- (a) Estimated quantity of water lost times combined water and sewage rate and prorated water treatment cost paid by District Energy during period of drainage;
- (b) Estimated thermal energy value of water lost times applicable Energy Rate; and
- (c) Service charge of \$100.00/hour.

Note: Drainage of system water may cause harm to other Customers and is cause for suspension of service until corrected.

4. Service calls made at Customer's request by District Energy personnel for problems found to be in Customer's and not District Energy's district cooling equipment:

Between 8:00 a.m. and 3:30 p.m. on Monday through Friday (excluding holidays observed by District Energy): \$100.00/hour

All other times: \$200.00/hour

- 5. Charge for chilled water flow exceeding 110 gallons per ton-hour during June, July, August or September billing period: \$0.60 per thousand gallons above 103 gallons per ton-hour.
- 6. Credit for chilled water flow below 75 gallons per ton-hour during June, July, August or September billing period: (\$0.60) per thousand gallons below 75 gallons per ton-hour to a floor of 32 gallons per ton-hour for the credit.

DISTRICT ENERGY ST. PAUL, INC. - COOLING SERVICES RATE CALCULATIONS SUMMARY

DEMAND CHARGE CALCULATION PC-2021 PC-2022 PC-2022 PC-2023 PC-2023 PC-228 () PC-228		FY-2022			NET CHANGES					
Demand Charge Calculation Corporation										
OPERATION & MAINTENANCE EXPENSES \$3,592,388 \$3,690,488 \$3,844,554 \$3,853,963 \$163,465 \$4.4% \$9,399 \$0.2% GENERAL & ADMINISTRATIVE EXPENSES 1,758,504 1,516,005 1,572,465 1,509,400 13,595 0,9% (4,2865) 2,7% GENERAL & ADMINISTRATIVE EXPENSES 1,758,504 1,516,005 1,572,465 1,509,400 13,595 0,9% (4,2865) 2,7% GENERAL & ADMINISTRATIVE EXPENSES 1,758,504 4,764,541 4,407,906 4,863,039 4,202,322 (205,583) 4,7% (660,717) 1,36% CHANGE IN OTHER ASSETS & LUABILITIES (1,991,363) 133,010 (1,101,383) (1,552,927) (1,859,305) 1,267,5% (15,1544) 41,0% BAD DEBT EXPENSE-DEMAND 75,805 12,000 (35,396) 0 (12,000) -10,00% 35,936 -100,0% BAD DEBT EXPENSE-DEMAND (15,222) (10,139) (10,39) (8,598) (10,243) (10,591) (10,191) (10,981) FOREITED DISCOLUTIS-DEMAND (15,222) (10,139) (10,39) (8,598) (10,243) (10,591) (10,981) (10,981) FOREITED DISCOLUTIS-DEMAND (15,222) (10,139) (10,39) (8,598) (10,243) (10,592) (10,981) (10,981) FOREITED DISCOLUTIS-DEMAND (15,222) (10,139) (10,391) (10,391) (10,391) (10,391) (10,391) (10,391) FOREITED DISCOLUTIS-DEMAND (15,222) (10,391) (1	DEMAND CHARGE CALCUL ATION	<u>FY-2021</u>	<u>FY-2022</u>	<u>FY-2022</u>	<u>FY-2023</u>	<u>FY-22B</u>	<u>FY-22B %</u>	<u>FY-22F</u>	<u>FY-22F %</u>	
GENERAL & ADMINISTRATIVE EXPENSES 1,786,504 1,516,0005 1,572,4615 1,529,000 13,596 0,9% (42,865) 2,27% NET CASH IDENT SERVICE 1,1991,363 1,130,100 (1,101,383) (1,529,207) (1,685,396) -1267,50% (451,544) 4,10% NET CASH IDENT SERVICE 1,1991,363) 133,010 (1,101,383) (1,529,207) (1,685,396) -1267,50% (451,544) 4,10% NET PLANT, PROPERTY & EQUIPMENT (340,35) 289,325 644,886 1,263,000 (1,200) -100,0% 33,936 (100,00% 1	DEMAND CHARGE CALCULATION									
GENERAL & ADMINISTRATIVE EXPENSES 1,786,504 1,516,0005 1,572,4615 1,529,000 13,596 0,9% (42,865) 2,27% NET CASH IDENT SERVICE 1,1991,363 1,130,100 (1,101,383) (1,529,207) (1,685,396) -1267,50% (451,544) 4,10% NET CASH IDENT SERVICE 1,1991,363) 133,010 (1,101,383) (1,529,207) (1,685,396) -1267,50% (451,544) 4,10% NET PLANT, PROPERTY & EQUIPMENT (340,35) 289,325 644,886 1,263,000 (1,200) -100,0% 33,936 (100,00% 1	OPERATION & MAINTENANCE EXPENSES	\$3.592.388	\$3.690.488	\$3.844.554	\$3.853.953	\$163.465	4.4%	\$9.399	0.2%	
NET CASH DEBT SERVICE CHANGE IN OTHER ASSETS & LIABILITIES (1991)333 313)10 (1,101,383) (1,502,927) (205,883) -4,7% (680,717) -1,38% CHANGE IN OTHER ASSETS & LIABILITIES (1991)333 133,010 (1,101,383) (1,502,927) (1,652,930) (1,625,930) (1,620,937) (1,000% 35,930) (1,000%		. , ,				. ,		. ,		
CHANGE IN OTHER ASSETS & LIABILITIES (1,991,363) 133,010 (1,10,1383) (1,15,2927) (1,685,396) -1267,5% (641,644) 41.0% NET PLAINT, PROPERTY & EQUIPMENT (4305) 289,352 644,886 (1,253,000 963,675 333,1% 6061,34 94,3% BAD DEBT EXPENSE-DEMAND (75,805 12,000 136,5936) 0 (12,000) 100,0% 35,936 100,0% FORFEITED DISCOUNTS-DEMAND (18,230) (10,138) (8,858) (10,243) (1,061) 100,0% 35,936 100,0% FORFEITED DISCOUNTS-DEMAND (1,284) 14,33% (1,52,936) (1,0243) (1,061) 100,0% 10,00% 1	NET CASH DEBT SERVICE		4,407,906			(205,583)	-4.7%	, ,	-13.6%	
BAD DEBT EXPENSE-DEMAND (75.805) (12.000 (85.936)) (1.000 (10.000)	CHANGE IN OTHER ASSETS & LIABILITIES	(1,991,363)	133,010	(1,101,383)	(1,552,927)	(1,685,936)	-1267.5%	,	41.0%	
BAD DEBT EXPENSE,DEMAND (75,805) (12,000 (35,936)) (0 (10,000) (10	NET PLANT, PROPERTY & EQUIPMENT	(43,035)	289,325	644,866	1,253,000	963,675	333.1%	608,134	94.3%	
FORFEITED DISCOUNTS-DEMAND 18,230 10,136 8,958 110,243 1066 1,0% 1,284 14,3% 10,243 10,243 10,243 10,08 11,284 14,3% 10,243 10,243 10,08 10,08 11,284 14,3% 10,243 1	BAD DEBT EXPENSE-DEMAND	, ,	12,000	(35,936)	0	(12,000)	-100.0%	35,936	-100.0%	
LESS: OTHER (REVENUE) OR COSTS	FORFEITED DISCOUNTS-DEMAND	(18,230)	(10,136)		(10,243)	(106)	1.0%	(1,284)	14.3%	
LESS: OTHER (REVENUE) OR COSTS										
LESS: NEW DEBT 1,713.059 0 0 0 829.356 829.356 829.356 1.0	TOTAL DEMAND RELATED COSTS	8,119,486	10,038,598	9,778,646	9,275,706	(762,892)	-7.6%	(502,941)	-5.1%	
NET DEMAND REVENUE REQUIREMENT \$9,901,366 \$10,136,298 \$9,845,304 \$10,242,727 \$106,429 1.0% \$397,423 4.0% DIVIDED BY AGGREGATE DEMAND (TONS) 27,485 27,381 26,595 26,607 (773) -2.8% 13 0.0% DIVIDED BY 12 EQUALS DEMAND RATE (\$ITONIMO) \$30.02 \$30.85 \$30.85 \$32.08 \$1.23 4.0% \$1.2	LESS: OTHER (REVENUE) OR COSTS	68,822	97,700	66,657	137,665	39,965	40.9%	71,008	106.5%	
DIVIDED BY AGGREGATE DEMAND (TONS) 27,485 27,381 26,595 26,607 (773) -2.8% 13 0.0% DIVIDED BY 12 EQUALS DEMAND RATE (\$/TON/MO) \$30.02 \$30.85 \$30.85 \$32.08 \$1.23 4.0% \$1.23 4.0% \$4.	LESS: NEW DEBT	<u>1,713,059</u>	<u>0</u>	<u>0</u>	<u>829,356</u>	<u>829,356</u>	-	829,356	-	
DIVIDED BY AGGREGATE DEMAND (TONS) 27,485 27,381 26,595 26,607 (773) -2.8% 13 0.0% DIVIDED BY 12 EQUALS DEMAND RATE (\$/TON/MO) \$30.02 \$30.85 \$30.85 \$32.08 \$1.23 4.0% \$1.23 4.0% \$4.										
DIVIDED BY 12 EQUALS DEMAND RATE (\$/TON/MO) \$30.02 \$30.85 \$30.85 \$32.08 \$1.23 \$4.0% \$1.23 \$4.0% \$6.0	NET DEMAND REVENUE REQUIREMENT	\$9,901,366	\$10,136,298	\$9,845,304	\$10,242,727	\$106,429	1.0%	\$397,423	4.0%	
DIVIDED BY 12 EQUALS DEMAND RATE (\$/TON/MO) \$30.02 \$30.85 \$30.85 \$32.08 \$1.23 \$4.0% \$1.23 \$4.0% \$6.0	DIVIDED DV ACCRECATE DEMAND (TONG)	07.405	07.004	00 505	00.007	(770)	0.00/	40	0.00/	
M. CHANGE VS. FY-22 BUDGET 0.0% 4.0% ENERGY CHARGE CALCULATION FUELS, THERMAL ENERGY & OTHER \$7,376 \$52,500 \$43,910 \$105,000 \$52,500 100.0% \$61,090 139,1% ENERGY (ASSESSMENT) / REFUND (363,960) (134,618) 35,259 (52,500) 82,118 (67,759) -248,9% ELECTRICITY 3,497,666 3,766,812 3,599,638 3,566,093 (200,719) -5.3% (33,545) -0.9% BAD DEBT EXPENSE-ENERGY (17,94) (25,000) (25,000) 0.0 0.0% 9,562 2182,1% FLOW PENALTY/CREDIT (80,745) (25,000) (25,000) (25,000) 0.0% 0.0% 9,562 2182,1% FORFEITED DISCOUNTS-ENERGY (2,378) (3,684) (3,506) (35,593) 101 -2.7% (87) 2.5% TOTAL ENERGY RELATED COSTS \$3,040,039 \$3,666,000 \$3,650,739 \$3,600,000 (566,000) -1.8% (\$50,739) -1.4% EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$	DIVIDED BY AGGREGATE DEMAND (TONS)	27,485	27,381	26,595	26,607	(773)	-2.8%	13	0.0%	
M. CHANGE VS. FY-22 BUDGET 0.0% 4.0% ENERGY CHARGE CALCULATION FUELS, THERMAL ENERGY & OTHER \$7,376 \$52,500 \$43,910 \$105,000 \$52,500 100.0% \$61,090 139,1% ENERGY (ASSESSMENT) / REFUND (363,960) (134,618) 35,259 (52,500) 82,118 (67,759) -248,9% ELECTRICITY 3,497,666 3,766,812 3,599,638 3,566,093 (200,719) -5.3% (33,545) -0.9% BAD DEBT EXPENSE-ENERGY (17,94) (25,000) (25,000) 0.0 0.0% 9,562 2182,1% FLOW PENALTY/CREDIT (80,745) (25,000) (25,000) (25,000) 0.0% 0.0% 9,562 2182,1% FORFEITED DISCOUNTS-ENERGY (2,378) (3,684) (3,506) (35,593) 101 -2.7% (87) 2.5% TOTAL ENERGY RELATED COSTS \$3,040,039 \$3,666,000 \$3,650,739 \$3,600,000 (566,000) -1.8% (\$50,739) -1.4% EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$	DIVIDED BY 12 FOLIALS DEMAND PATE (\$/TON/MO)	¢30.02	\$30.85	¢30.85	¢32 08	¢1 23	4.0%	¢1 23	4.0%	
ENERGY CHARGE CALCULATION FUELS, THERMAL ENERGY & OTHER \$7,376 \$52,500 \$43,910 \$105,000 \$52,500 100.0% \$61,090 139.1% ENERGY (ASSESSMENT) / REFUND (363,960) (134,618) 35.259 (52,500) 82,118 . (87.759) -248.9% ELECTRICITY 3,497,666 3,766,812 3,599,638 3,566,093 (200,719) 5.3% (33,545) -0.9% BAD DEBT EXPENSE-ENERGY (17,920) 10,000 438 10,000 0 0.0% 9,562 2182.1% ELOW PENALTY/CREDIT (80,745) (25,000) (25,000) (25,000) 0 0.0% 9.00 0.0% FORFEITED DISCOUNTS-ENERGY (2,378) (36,641) (3,566) (3,593) 101 -2.7% (87.7 2.5% 10.0	DIVIDED BY 12 EQUALS DEMAND TATE (#/TON/MO)	ψ30.02	ψ30.03	ψ30.03	Ψ32.00	Ψ1.25	4.070	Ψ1.23	4.0 %	
ENERGY CHARGE CALCULATION FUELS, THERMAL ENERGY & OTHER \$7,376 \$52,500 \$43,910 \$105,000 \$52,500 100.0% \$61,090 139.1% ENERGY (ASSESSMENT) / REFUND (363,960) (134,618) 35.259 (52,500) 82,118 . (87.759) -248.9% ELECTRICITY 3,497,666 3,766,812 3,599,638 3,566,093 (200,719) 5.3% (33,545) -0.9% BAD DEBT EXPENSE-ENERGY (17,920) 10,000 438 10,000 0 0.0% 9,562 2182.1% ELOW PENALTY/CREDIT (80,745) (25,000) (25,000) (25,000) 0 0.0% 9.00 0.0% FORFEITED DISCOUNTS-ENERGY (2,378) (36,641) (3,566) (3,593) 101 -2.7% (87.7 2.5% 10.0	% CHANGE VS. FY-22 BUDGET			0.0%	4.0%					
FUELS, THERMAL ENERGY & OTHER \$7,376 \$52,500 \$43,910 \$105,000 \$52,500 \$100.0% \$61,090 \$139.1% ENERGY (ASSESSMENT) / REFUND (363,960) (134,618) 35,259 (52,500) 82,118 - (87,759) -248.9% ELECTRICITY 3,497,666 3,766,812 3,599,638 3,566,093 (200,719) -5.3% (33,545) -0.9% BAD DEBT EXPENSE-ENERGY (17,920) 10,000 438 10,000 0 0.0% 9,562 2182.1% FLOW PENALTY/CREDIT (80,745) (25,000) (25,000) (25,000) 0 0.0% 0 0.0% 0 0.0% FORFEITED DISCOUNTS-ENERGY (2,378) (3,694) (3,596) (3,593) 101 -2.7% (87) 2.5% TOTAL ENERGY RELATED COSTS \$3,040,039 \$3,666,000 \$3,650,739 \$3,600,000 (\$66,000) -1.8% (\$50,739) -1.4% DIVIDED BY TOTAL ENERGY SALES 36,400,165 39,000,000 39,348,981 37,500,000 (1,500,000) -3.8% (1,848,981) -4.7% EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% CHANGE VS. FY-22 BUDGET -1.3% 2.1% AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% \$0.000										
FUELS, THERMAL ENERGY & OTHER \$7,376 \$52,500 \$43,910 \$105,000 \$52,500 \$100.0% \$61,090 \$139.1% ENERGY (ASSESSMENT) / REFUND (363,960) (134,618) 35,259 (52,500) 82,118 - (87,759) -248.9% ELECTRICITY 3,497,666 3,766,812 3,599,638 3,566,093 (200,719) -5.3% (33,545) -0.9% BAD DEBT EXPENSE-ENERGY (17,920) 10,000 438 10,000 0 0.0% 9,562 2182.1% FLOW PENALTY/CREDIT (80,745) (25,000) (25,000) (25,000) 0 0.0% 0 0.0% 0 0.0% FORFEITED DISCOUNTS-ENERGY (2,378) (3,694) (3,594) (3,596) (3,593) 101 -22.7% (87) 2.5% TOTAL ENERGY RELATED COSTS \$3,040,039 \$3,666,000 \$3,650,739 \$3,600,000 (\$66,000) -1.8% (\$50,739) -1.4% EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% CHANGE VS. FY-22 BUDGET -1.3% 2.1% EQUALS ENERGY RATE (\$/TON-HR) \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.001 \$0.007 \$0										
ENERGY (ASSESSMENT) / REFUND (363,960) (134,618) 35,259 (52,500) 82,118 .	ENERGY CHARGE CALCULATION									
ENERGY (ASSESSMENT) / REFUND (363,960) (134,618) 35,259 (52,500) 82,118 .	FLIELS THERMAL ENERGY & OTHER	\$7 376	\$52 500	\$43.010	\$105,000	\$52 500	100.0%	\$61,090	130 1%	
ELECTRICITY 3,497,666 3,766,812 3,599,638 3,566,093 (200,719) -5.3% (33,545) -0.9% BAD DEBT EXPENSE-ENERGY (17,920) 10,000 438 10,000 0 0.0% 9,562 2182,1% FLOW PENALTY/CREDIT (80,745) (25,000) (25,000) (25,000) 0 0.0% 0 0.0% FORFEITED DISCOUNTS-ENERGY (2,378) (3,694) (3,506) 3,593) 101 -2.7% (87) 2,5% TOTAL ENERGY RELATED COSTS \$3,040,039 \$3,666,000 \$3,650,739 \$3,600,000 (\$66,000) -1.8% (\$50,739) -1.4% DIVIDED BY TOTAL ENERGY SALES 36,400,165 39,000,000 39,348,981 37,500,000 (1,500,000) -3.8% (1,848,981) -4.7% EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.012 4.0% AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON-HR) \$0.084 \$0.309						. ,	100.070			
BAD DEBT EXPENSE-ENERGY (17,920) 10,000 438 10,000 0 0.0% 9,562 2182.1% FLOW PENALTY/CREDIT (80,745) (25,000) (25,000) (25,000) 0 0.0% 0 0.0% FORFEITED DISCOUNTS-ENERGY (2,378) (3,694) (3,506) (3,593) 101 -2.7% (87) 2.5% TOTAL ENERGY RELATED COSTS \$3,040,039 \$3,666,000 \$3,650,739 \$3,600,000 (\$66,000) -1.8% (\$50,739) -1.4% DIVIDED BY TOTAL ENERGY SALES 36,400,165 39,000,000 39,348,981 37,500,000 (1,500,000) -3.8% (1,848,981) -4.7% EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) \$0.084 \$0.093 \$0.093	,	, ,	,		, ,		5 3%	, ,		
FLOW PENALTY/CREDIT FORFEITED DISCOUNTS-ENERGY (80,745) (23,788) (25,000) (3,500) (25,000) (25,000) (25,000) 0 0.0% (25,000) 0 0.003 0 0.003 0 0.003 0 0.003 0 0.003 0 0.003 0 0.003 0 0.003 0 0.003 0 0.003 0 0.004 0 0.003 0 0.014 0 0.016 4.0%						, ,		, ,		
FORFEITED DISCOUNTS-ENERGY (2,378) (3,694) (3,506) (3,509) (3,593) (101 (-2.7%) (87) (2.5%) TOTAL ENERGY RELATED COSTS (3,040,039) (3,666,000) (3,660,000) (4,500,000) (4,500,000) (5,866,000) (1,500,000) (1,848,981) (1,848		, ,						*		
TOTAL ENERGY RELATED COSTS \$3,040,039 \$3,666,000 \$3,650,739 \$3,600,000 (\$66,000) -1.8% (\$50,739) -1.4% DIVIDED BY TOTAL ENERGY SALES 36,400,165 39,000,000 39,348,981 37,500,000 (1,500,000) -3.8% (1,848,981) -4.7% EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% **OCHANGE VS. FY-22 BUDGET -1.3% 2.1% **AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS** DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) 0.084 0.094 0.093 0.096 0.002 2.1% 0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%		, ,	. ,	, ,	, ,					
DIVIDED BY TOTAL ENERGY SALES 36,400,165 39,000,000 39,348,981 37,500,000 (1,500,000) -3.8% (1,848,981) -4.7% EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% % CHANGE VS. FY-22 BUDGET -1.3% 2.1% AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) 0.084 0.094 0.093 0.096 0.002 2.1% 0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%	TOTAL ETTED BIOGGOTATO ENERGY	<u>(2,070)</u>	(0,004)	(0,000)	(0,000)	101	2.1 70	<u>(01)</u>	2.070	
DIVIDED BY TOTAL ENERGY SALES 36,400,165 39,000,000 39,348,981 37,500,000 (1,500,000) -3.8% (1,848,981) -4.7% EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% % CHANGE VS. FY-22 BUDGET -1.3% 2.1% AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) 0.084 0.094 0.093 0.096 0.002 2.1% 0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%	TOTAL ENERGY RELATED COSTS	\$3.040.039	\$3.666.000	\$3.650.739	\$3.600.000	(\$66,000)	-1.8%	(\$50.739)	-1.4%	
EQUALS ENERGY RATE (\$/TON-HR) \$0.084 \$0.094 \$0.093 \$0.096 \$0.002 2.1% \$0.003 3.5% % CHANGE VS. FY-22 BUDGET -1.3% 2.1% AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) 0.084 0.094 0.093 0.096 0.002 2.1% 0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%		+=,= :=,===	+ -, ,	+ -,,	40,000,000	(+,)		(+,,		
% CHANGE VS. FY-22 BUDGET -1.3% 2.1% AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON/MO) x 12 / 1200 PLUS ENERGY RATE (\$/TON-HR) \$0.300 \$0.309 \$0.309 \$0.309 \$0.309 \$0.309 \$0.309 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 \$3.5% \$0.016 4.0%	DIVIDED BY TOTAL ENERGY SALES	36,400,165	39,000,000	39,348,981	37,500,000	(1,500,000)	-3.8%	(1,848,981)	-4.7%	
% CHANGE VS. FY-22 BUDGET -1.3% 2.1% AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON/MO) x 12 / 1200 PLUS ENERGY RATE (\$/TON-HR) \$0.300 \$0.309 \$0.309 \$0.309 \$0.309 \$0.309 \$0.309 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% \$0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 \$3.5% \$0.016 4.0%										
AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) 0.084 0.094 0.093 0.096 0.002 2.1% 0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%	EQUALS ENERGY RATE (\$/TON-HR)	\$0.084	\$0.094	\$0.093	\$0.096	\$0.002	2.1%	\$0.003	3.5%	
AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) 0.084 0.094 0.093 0.096 0.002 2.1% 0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%										
DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) 0.084 0.094 0.093 0.096 0.002 2.1% 0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%	% CHANGE VS. FY-22 BUDGET			-1.3%	2.1%					
DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) 0.084 0.094 0.093 0.096 0.002 2.1% 0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%										
DEMAND RATE (\$/TON/MO) x 12 / 1200 \$0.300 \$0.309 \$0.309 \$0.321 \$0.012 4.0% \$0.012 4.0% PLUS ENERGY RATE (\$/TON-HR) 0.084 0.094 0.093 0.096 0.002 2.1% 0.003 3.5% EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%	AVERAGE OVERALL COST AT 1200 UTILIZATION HOURS									
PLUS ENERGY RATE (\$/TON-HR)	THE STEIN OF STEINER SOOT AT 1200 STEELATION TION	<u> </u>								
PLUS ENERGY RATE (\$/TON-HR)	DEMAND RATE (\$/TON/MO) x 12 / 1200	\$0.300	\$0.309	\$0.309	\$0.321	\$0.012	4.0%	\$0.012	4.0%	
EQUALS SINGLE RATE (\$/TON-HR) \$0.384 \$0.403 \$0.401 \$0.417 \$0.014 3.5% \$0.016 4.0%	,									
	,									
% CHANGE VS. FY-22 BUDGET -0.5% 3.5%	EQUALS SINGLE RATE (\$/TON-HR)	\$0.384	\$0.403	\$0.401	\$0.417	\$0.014	3.5%	\$0.016	4.0%	
% CHANGE VS. FY-22 BUDGET -0.5% 3.5%	,									
0.00	% CHANGE VS. FY-22 BUDGET			-0.5%	3.5%					