

GRAND RAPIDS PUBLIC UTILITIES COMMISSION MEETING AGENDA

Tuesday, January 11, 2022 4:00 PM

CALL TO ORDER: Pursuant to due notice and call thereof, a Regular Meeting of the Grand Rapids Public Utilities Commission will be held on Tuesday, January 11, 2022 at 4:00 PM in the conference room of the Public Works/Public Utilities Service Center at 500 SE 4th Street, Grand Rapids, Minnesota.

CALL OF ROLL:

PUBLIC FORUM:

APPROVAL OF MINUTES:

1. Consider a motion to approve the minutes of the December 15, 2021 Regular meeting.

VERIFIED CLAIMS:

2. Consider a motion to approve the verified claims for December 2021 in the amount \$2,397,112.13 (Computer Check Register \$1,671,007.87 and Manual Check Register \$726,104.26).

COMMISSION REPORTS:

CONSENT AGENDA: Any item on the consent agenda shall be removed for consideration by the request of any one Commission member, Utility Staff, or the public and put on the regular agenda for discussion and consideration.

- 3. Consider a motion to approve the City Treasurer's Report and the Investment Activity Report for December 2021
- 4. Consider a motion to accept the 2022 City Calendar showing the dates and times of the GRPU 2022 Commissioner meetings.
- <u>5.</u> Consider a motion to update the GRPU Personnel Policy Section 8.8.6, pertaining to the donation of PTO.
- <u>6.</u> Consider a motion to confirm filling the Maintenance III position with the preferred candidate, Jason Smith.
- 7. Consider a motion to ratify the procurement contract with Cogsdale for long-term engagement training services in the amount of \$20,160.00
- 8. Consider a motion to ratify the procurement contract with NOS Automation for two years of cloud based alarm services for lift stations for \$6,665.00.

SETTING OF REGULAR AGENDA: This is an opportunity to approve the regular agenda as presented, or add/delete an agenda item by a majority vote of the Commission members present.

ADMINISTRATION:

- 9. Administration Report
- 10. Consider a motion to approve the full lump sum merit pay allowed in the General Manager's employment contract based on the Commissioners evaluation of her 2021 performance.

BUSINESS SERVICES DEPARTMENT:

- 11. Business Services Department Monthly Report January 2022
- 12. Consider a motion to approve an increase in the fixed asset capitalization amount from \$1,000 to \$5,000 effective January 1, 2022.

ELECTRIC DEPARTMENT:

13. Electric Department Report

WATER AND WASTEWATER DEPARTMENT:

14. Water-Wastewater Department Report

SAFETY REPORT:

15. Safety Report

ADJOURNMENT:

The next Special meeting/Work Session is scheduled for Tuesday, January 25, 2022 at 8:00 AM in the conference room of the Public Works/Public Utilities Service Center at 500 SE 4th Street.

The next Regular Meeting of the Commission is scheduled for Wednesday, February 9, 2022 at 4:00 PM in the conference room of the Public Works/Public Utilities Service Center at 500 SE 4th Street.

The GRPUC has adopted a Meeting Protocol Policy, which informs attendees of the GRPUC's desire to conduct meetings in an orderly manner which welcomes all civil input from interested parties. If you are unaware of the policy, please contact our office at 218-326-7024 and we will provide you with a copy of the policy.



GRAND RAPIDS PUBLIC UTILITIES COMMISSION MEETING MINUTES

Wednesday, December 15, 2021 4:00 PM

CALL TO ORDER: Pursuant to due notice and call thereof, a Regular Meeting of the Grand Rapids Public Utilities Commission was held on Wednesday, December 15, 2021 at 4:00 PM in the conference room of the Public Works/Public Utilities Service Center at 500 SE 4th Street, Grand Rapids, Minnesota.

CALL OF ROLL:

PRESENT: President Tom Stanley, Secretary Kathy Kooda, Commissioner Rick Blake, Commissioner Luke Francisco, Commissioner Rick Smith.

Others Present: General Manager Julie Kennedy, Business Services Manager Jean Lane, Electric Department Manager Jeremy Goodell, Water/Wastewater Department Manager Steve Mattson, Administrative/HR Assistant Carrie Kruger, and Pete Garsow of ICTV.

PUBLIC FORUM: None present.

APPROVAL OF MINUTES:

1. Consider a motion to approve the minutes of the November 3, 2021 special meeting, the November 17, 2021 regular meeting and the November 30, 2021 special meeting.

Motion made by Commissioner Blake, Seconded by Secretary Kooda. Voting Yea: President Stanley, Secretary Kooda, Commissioner Blake, Commissioner Francisco, Commissioner Smith.

VERIFIED CLAIMS:

2. Consider a motion to approve the verified claims for November 2021 in the amount \$1,876,128.53 (Computer Check Register \$1,409,568.96 and Manual Check Register \$466,559.57).

Motion made by Commissioner Francisco, Seconded by Commissioner Smith. Voting Yea: President Stanley, Secretary Kooda, Commissioner Blake, Commissioner Francisco, Commissioner Smith

COMMISSION REPORTS: No items.

CONSENT AGENDA: Any item on the consent agenda shall be removed for consideration by the request of any one Commission member, Utility Staff, or the public and put on the regular agenda for discussion and consideration.

Commissioner Blake made a motion to remove item #4 from the consent agenda for lack of content and place on the January meeting agenda and move to approve the revised consent agenda, seconded by Commissioner Francisco.

- 3. Consider a motion to approve the City Treasurer's Report and the Investment Activity Report for November 2021.
- 4. 2022 City Calendar.
- 5. Consider a motion to ratify the procurement contract with Midwest Communications for radio ad spots in the amount of \$2,480.
- 6. Consider a motion to confirm filling the Wastewater Operations Director position with the preferred applicant, Mr. Jeff Frost.

SETTING OF REGULAR AGENDA: This is an opportunity to approve the regular agenda as presented, or add/delete an agenda item by a majority vote of the Commission members present.

Motion made by Commissioner Blake, Seconded by Secretary Kooda. Voting Yea: President Stanley, Secretary Kooda, Commissioner Blake, Commissioner Francisco, Commissioner Smith.

ADMINISTRATION DEPARTMENT:

- 7. General Manager Kennedy reviewed the December Administration Department Report with the Commission.
- 8. Consider a motion to update the GRPU Personal Policy Section 8.8.6, pertaining to the donation of PTO.

Motion made by Secretary Kooda, Seconded by Commissioner Francisco to update the GRPU Personnel Policy section 8.8.6.

Voting Yea: President Stanley, Secretary Kooda, Commissioner Blake, Commissioner Francisco, Commissioner Smith.

BUSINESS SERVICES DEPARTMENT:

- 9. Business Services Manager Lane reviewed the December Business Services Department Report with the Commission.
- 10. Consider a motion to approve the 2022 Electric, Water, and Wastewater rate schedules.

Motion made by Commissioner Smith, Seconded by Commissioner Blake. Voting Yea: President Stanley, Secretary Kooda, Commissioner Blake, Commissioner Francisco, Commissioner Smith. 11. Consider a motion to adopt the GRPU 2022 Operations and Capital Budget as presented.

Motion made by Commissioner Blake, Seconded by Secretary Kooda. Voting Yea: President Stanley, Secretary Kooda, Commissioner Blake, Commissioner Francisco, Commissioner Smith.

ELECTRIC DEPARTMENT:

- 12. Electric Department Manager Goodell reviewed the December Electric Department Report with the Commission.
- 13. Consider a motion to approve the Electric Service Agreement with Minnesota Power for 2022 to 2029 and authorize the Commission President to sign the Agreement, along with Attachment D specific to Grand Rapids.

Motion made by Commissioner Blake, Seconded by Secretary Kooda. Voting Yea: President Stanley, Secretary Kooda, Commissioner Blake, Commissioner Francisco, Commissioner Smith.

WATER AND WASTEWATER DEPARTMENT:

- 14. Water/Wastewater Department Manager Mattson reviewed the December Water and Wastewater Department Report with the Commission.
- 15. Consider a motion to award the contract for 2022 Sludge Placement to JRadtke Trucking in the amount of \$64,240 and authorize the Commission President to sign the contract.

Motion made by Commissioner Smith, Seconded by Commissioner Francisco. Voting Yea: President Stanley, Commissioner Blake, Commissioner Francisco, Commissioner Smith.

SAFETY:

16. General Manager Kennedy reviewed the December Safety Report with the Commission.

ADJOURNMENT:

Carrie Jo Kruger

By call of the chair, the regular meeting was declared adjourned at 4:50 PM.

Respectfully submitted: Carrie Jo Kruger, Administrative/HR Assistant.

The next Regular Meeting of the Commission is scheduled for Tuesday, January 11, 2022 at 4:00 PM in the conference room of the Public Works/Public Utilities Service Center at 500 SE 4th Street.

The next Special meeting/Work Session is scheduled for Tuesday, January 25, 2022 at 8:00 AM in the conference room of the Public Works/Public Utilities Service Center at 500 SE 4th Street.



AGENDA DATE: January 11, 2022

AGENDA ITEM: Consider a motion to approve the verified claims for December 2021 in

the amount \$2,397,112.13 (Computer Check Register \$1,671,007.87 and

Manual Check Register \$726,104.26).

PREPARED BY: Jean Lane, Business Services Manager

BACKGROUND:

See attached check registers:

Computer check register \$1,671,007.87 Manual check register \$726,104.26 Total \$2,397,112.13

RECOMMENDATION:

Consider a motion to approve the verified claims for December 2021 in the amount of \$2,397,112.13

Computer check register \$1,671,007.87 Manual check register \$726,104.26

		December 2021 Check Register			
Document Date	Check #	Vendor Name	Document Amount		Item 2.
12/3/2021	4506	Public Employees Retirement Association	15,418.26	12/3/	2021
12/3/2021	4507	Minnesota Dept. of Revenue	4,321.35	12/3/	2021
12/3/2021	4508	Wells Fargo Bank	25,575.89	12/3/	2021
12/3/2021	4509	Empower Retirement	8,278.25	12/3/	2021
	4510	Was used in November 2021	0.00		
12/1/2021	4511	Northeast Service Cooperative	4,014.00	12/31/	2021
12/3/2021	4512	Invoice Cloud	2,505.10	12/31/	2021
12/3/2021	4513	Further	1,259.59	12/31/	2021
12/17/2021	4514	Minnesota Department of Revenue	63,390.00	12/31/	2021
12/17/2021	4515	Public Employees Retirement Association	14,783.46	12/17/	2021
12/17/2021	4516	Minnesota Dept. of Revenue	4,120.20	12/17/	2021
12/17/2021	4517	Wells Fargo Bank	24,751.98	12/17/	2021
12/17/2021	4518	Empower Retirement	7,982.82	12/17/	2021
	4519	Skipped	0.00		
12/21/2021	4520	Further	1,234.59	12/31/	2021
12/28/2021	4521	TASC	145.00	12/31/	2021
12/30/2021	4522	Public Employees Retirement Association	15,184.82	12/30/	2021
12/30/2021	4523	Minnesota Dept. of Revenue	4,499.22	12/30/	2021
12/30/2021	4524	Wells Fargo Bank	26,502.83	12/30/	2021
12/30/2021	4525	Empower Retirement	8,165.36	12/30/	2021
12/28/2021	4526	Empower Retirement	17,016.00	12/31/	2021
12/28/2021	4527	Empower Retirement	4,667.64	12/31/	2021
12/30/2021	4528	4M Fund	100,000.00	12/31/	2021
12/3/2021	79116	MN Child Support Payment Center	356.25	12/3/	2021
12/3/2021	79117	NCPERS Group Life Ins	112.00	12/3/	2021
11/30/2021	79118	City of Grand Rapids	74,637.30	12/31/	2021
12/10/2021	79119	First Net / AT & T Mobility	315.70	12/10/	2021
12/10/2021	79120	Further	187.00	12/10/	2021
12/10/2021	79121	Green, Doug	140.00	12/10/	2021
12/10/2021	79122	Mattson, Steve	52.64	12/10/	2021
12/10/2021	79123	Minnesota Energy Resources Corp.	18.00	12/10/	2021
12/10/2021	79124	Radtke, James	9,853.68	12/10/	2021
12/10/2021	79125	Verizon Wireless	761.35	12/10/	2021
12/10/2021	79126	Customer Refunds- Minnesota Dept of Commerce	65.82	12/31/	2021
12/10/2021	79127	Customer Refunds- Richard Wolske	67.68	12/31/	2021
12/10/2021	79128	Customer Refunds- Northern Air Transport	86.83	12/31/	2021
12/10/2021	79129	Customer Refunds- ECI Contracting	66.46	12/31/	2021
12/10/2021	79130	Customer Refunds- Paul Bunyan Telephone	87.81	12/31/	2021
12/10/2021	79131	Postage By Phone System	5,000.00	12/31/	2021
12/16/2021	79180	Minnesota Energy Resources Corp.	852.92	12/16/	2021
12/16/2021	79181	Gustafson, Doug	102.39	12/16/	2021
12/16/2021	79182	Customer Refunds- Nathan Jensen	108.65	12/31/	2021
12/16/2021	79183	Customer Refunds- Jamie Jordan	107.18	12/31/	2021
12/16/2021	79184	Customer Refunds- Minnesota Dept of Commerce	78.39	12/31/	2021
12/16/2021	79185	Customer Refunds- Eric Johns	125.00	12/31/	2021
12/17/2021	79186	City of LaPrairie	15,059.48	12/31/	2021 7

12/17/2021	79187 City of LaPrairie	13,180.51	12/31/2021 12/21 Item 2.
12/17/2021	79188 City of LaPrairie	13,263.76	12/31/
12/17/2021	79189 City of LaPrairie	13,283.52	12/31/2021
12/17/2021	79190 Bureau of Criminal Apprehension	15.00	12/31/2021
12/17/2021	79191 Bureau of Criminal Apprehension	15.00	12/31/2021
12/17/2021	79192 Driver and Vehicle Services	10.50	12/31/2021
12/17/2021	79193 Driver and Vehicle Services	10.50	12/31/2021
12/17/2021	79194 MN Child Support Payment Center	356.25	12/17/2021
12/17/2021	79195 Minnesota Council 65	1,673.30	12/17/2021
12/20/2021	79196 Pitney Bowes	226.08	12/20/2021
12/20/2021	79197 Waste Management of WI-MN	747.47	12/20/2021
12/20/2021	79198 Wells Fargo Business Card- CF	62.50	12/20/2021
12/20/2021	79199 Customer Refunds- Jesse Chudecke	124.33	12/31/2021
12/20/2021	79200 Customer Refunds- Richard H Pride Jr	68.08	12/31/2021
12/20/2021	79201 Customer Refunds- Robert & Vicki Neururer	169.82	12/31/2021
12/20/2021	79202 Customer Refunds- Steve Schimmel	70.66	12/31/2021
12/21/2021	79203 City of Grand Rapids	77,357.60	12/21/2021
12/21/2021	79204 Xerox Corporation	79.40	12/21/2021
12/27/2021	79205 Customer Refunds- Amanda Kriese	106.25	12/31/2021
12/27/2021	79206 Customer Refunds- KOZY	337.14	12/31/2021
12/27/2021	79207 Customer Refunds- Amanda Swonger	12.86	12/31/2021
12/30/2021	79208 MN Child Support Payment Center	356.25	12/30/2021
12/31/2021	79209 City of Grand Rapids	72,333.33	12/31/2021
12/31/2021	79210 City of Grand Rapids	331.50	12/31/2021
12/30/2021	79211 City of Grand Rapids	69,369.03	12/31/2021
12/30/2021	79212 Customer Refunds- LaPrairie Lodge	232.64	12/31/2021
12/30/2021	79213 Customer Refunds- Jeffrey Cleveland	131.76	12/31/2021
12/30/2021	79214 Customer Refunds- Phyleana Blooflat	120.33	12/31/2021
	Checks Previously Approved **	0.00	
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Manual Checks to be approved

Total Manual Checks

Public Utilities Commission Accounts Payable December 2021

(Meeting Date: 01/12/2022)

NAME	AMOUNT	NAME	AMOUNT
Acheson Tire	1,745.00	McMaster-Carr	5,767.10
Advantage Systems Group	1,385.25	Milsoft	2,534.38
Amaril Uniform Company	837.83	Minnesota Department of Commerce	3,550.93
APG Media	723.54	Minnesota Department of Labor & Industry	128.00
Aramark	278.57	Minnesota Municipal Utilities Association	900.00
Badger State Inspection	8,651.00	Minnesota Power	1,351,725.49
Bell Lumber & Pole co	11,304.00	North Central Laboratories	279.50
Border State's	25,020.58	Northeast Technical Services	21,929.25
Burgraff's Ace	455.93	Northern Business Products	3,360.54
Busy Bees	1,370.38	NOS Automation	1,120.00
Cannon Technologies	4,915.00	Pillars of Grand Rapids	20,885.65
Car Quest	175.76	Polydyne Inc	59,049.03
Cogsdale	7,091.59	Power Process	1,024.49
Coles	900.63	Quality Flow	2,297.77
Compass Minerals	3,752.55	Rapids Radio	1,632.00
Cooperative Response Center	1,841.34	Radtke Trucking	6,901.20
Core & Main	1,083.15	Rapids Welding	14.00
CW Technology	12,589.58	Resco	276.83
Dakota Supply Group	107.64	RMB Environmental Lab	890.00
Davis Oil	3,860.85	Safety-kleen	1,723.46
Equipment Rental Company	2,250.00	Shaw Florists	90.15
Ferguson	573.00	Southside Tire and Auto	1,228.75
Ferguson dba Pollardwater	1,132.30	Stuart Irby	2,992.15
Figgins Truck & Trailer	11,371.05	Thousand Lakes Productions	1,575.00
Frontier	7,013.38	TNT Construction	18,329.63
Gopher State One Call	44.55	Treasure Bay Printing	2,946.50
Grainger	1,315.60	Turbo Diesel and Electric	6,462.57
Grand Rapids Evangelical Free Church	2,848.09	United Rentals	477.73
Graybar	5,043.84	Unique Opportunities	3,290.00
Hach	787.91	UPS	172.26
Hawkins	6,810.69	Vessco Inc	1,526.69
Hotsy Minnesota	404.20	Viking Electric	3,222.91
Industrial Lubricant	972.90	Wesco	4,221.94
Innovative Office Solutions	297.76	WTBX	440.00
Itasca County	1,693.89	WUSZ	440.00
Itasca Utilities	750.00	Zion Lutheran Church	3,673.55
Johnson, Killen & Seiler	1,354.10	Zion Lutileran Ondion	3,073.33
•	650.00		
Journyx Kaman	452.02	Appliance Rebate:	
L & M	452.02 2.97	Schott Schotl	35.00
L X IVI	2.31		35.00 35.00
		Larry Thieman	SS.UU

Total 1,671,007.87



AGENDA DATE: January 11, 2022

AGENDA ITEM: Consider a motion to approve the City Treasurer's Report and the

Investment Activity Report for December 2021

PREPARED BY: Jean Lane, Business Services Manager

BACKGROUND:

Please see attached reports:

GRPUC Cash Receipts and Disbursements for the Month of December 2021 and Verification of City Treasurer's Balance

GRPUC Investment Activity

Graphics – December Historical Investment Balances and Monthly Investment Balances 2000-2021

RECOMMENDATION:

Consider a motion to approve the City Treasurer's Report and the Investment Activity Report for December 2021.

CITY OF GRAND RAPIDS PUBLIC UTILITIES COMMISSION

CASH RECEIPTS AND DISBURSEMENTS FOR THE MONTH OF DECEMBER 2021

TREASURER'S BALANCE NOVEMBER 30, 2021		\$ 3,948,861.74
Deposits Redeposits-Checks	3,845,717.71 -	
Redeposits-ACH Bank Adjustments 12/21 Adj 11/16 Misc Error	- (46.32)	3,845,671.39
Less Disbursements NSF Checks ACH Returns Bank Adjustments	(2,347,102.94) (134.64) (1,230.00)	 (2,348,467.58)
TREASURER'S BALANCE DECEMBER 31, 2021		\$ 5,446,065.55
VERIFICATION OF TR	EASURER'S BALANCE	
WELLS FARGO BANK BALANCE DECEMBER 31, 202	21	\$ 5,604,263.01
Add: Deposits in Transit Less: Outstanding Checks		 0.00 (158,197.46)
TREASURER'S BALANCE DECEMBER 31, 2021		\$ 5,446,065.55
Electric Department City Rural Load Management Subtotal Electric Retail Sales Windsense Security Lighting Total Sales Purchased Power Pass-thru	1,121,660 149,484 40,430 1,311,574 5,247 1,316,821 347,418	
Total Electric	1,664,239	
Water Department City Rural Public Authorities Total Water	124,759 0 2,619 127,378	
Wastewater Collection Dept City Rural Public Authorities Total Wastewater Collection	122,366 346 12,001 134,714	
City Storm Water Sales Tax Total Amount Billed	66,567 66,962 2,059,859	

Grand Rapids Public Utilities Commission Investment Activity December 2021

Beginning Balance Cash and Investments

\$ 6,224,393.65

Redeemed:

None

Invested:

None -

Change in checking account balance * 1,497,203.81

Total Cash and Investments \$ 7,721,597.46

Less: Restricted and Designated Funds

Sewer Capital Replacement Fund

Restricted Funds:

Sanitary Sewer Collection/Treatment Infrastructure Fund:

Wastewater Treatment Plant
Trunk Main

Customer Deposits
Customer Deposits - Antenna Fees
41,593.10
Electric Capital Replacement Fund

Water Capital Replacement Fund

569,001.09

Designated Funds:

Disaster Recovery Fund 1,500,000.00 **Total Restricted and Designated Funds** \$ 3,288,487.11

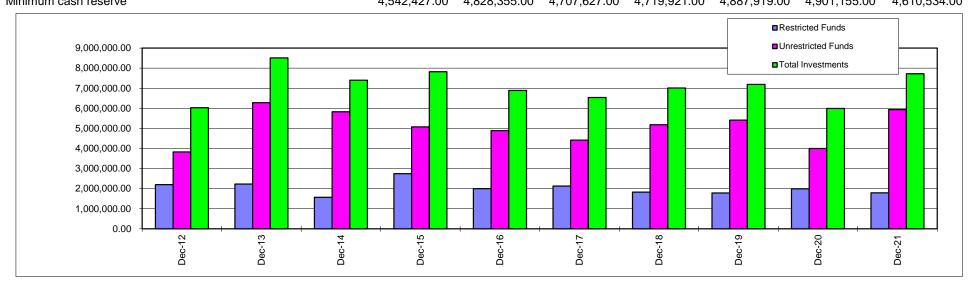
Net Cash and Investments \$ 4,433,110.35

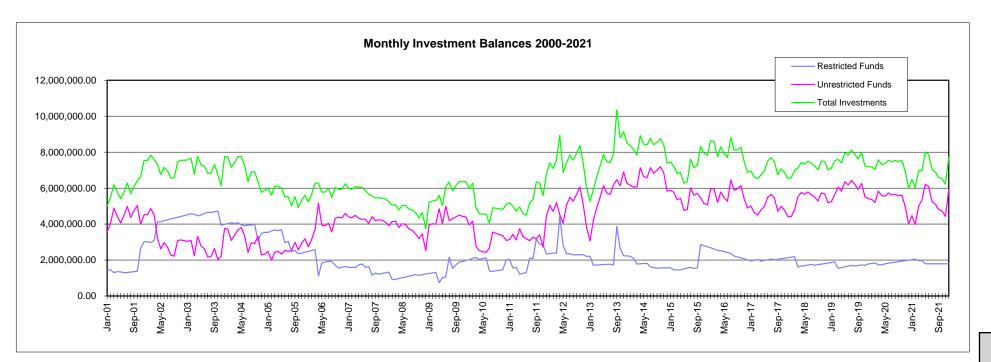
Note:

154,444.56

^{*} Includes bond proceeds of \$1,170,009.14

Item 3. Dec-12 Dec-13 Dec-14 Dec-15 Dec-16 Dec-17 Dec-18 Dec-19 Dec-20 2,197,931.20 1,994,662.92 Restricted Funds 2,228,909.12 1,567,912.87 2,742,545.65 1,999,241.60 2,127,616.58 1,829,284.16 1,780,668.90 1,788,487.11 Unrestricted Funds 3,828,459.47 6,279,185.75 5,830,401.67 5,076,598.09 4,888,176.61 4,412,346.81 5,182,515.14 5,413,089.11 4,001,201.79 5,933,110.35 **Total Investments** 6,026,390.67 8,508,094.87 7,398,314.54 7,819,143.74 7,011,799.30 7,721,597.46 6,887,418.21 6,539,963.39 7,193,758.01 5,995,864.71 4,707,627.00 4,719,921.00 Minimum cash reserve 4,542,427.00 4,828,355.00 4,887,919.00 4,901,155.00 4,610,534.00







AGENDA DATE: January 11, 2022

AGENDA ITEM: Consider a motion to accept the 2022 City Calendar showing the dates

and times of the GRPU 2022 Commissioner meetings.

PREPARED BY: Julie Kennedy, General Manager

BACKGROUND:

At the December 15, 2021 Regular meeting, the Commission pulled this item from the Consent Agenda due to lack of content because we had not yet received the calendar at the time of the meeting.

We now have received the City Calendar containing the dates of the GRPU Commission Regular meetings and work sessions that are scheduled during 2022.

Note that if any of these meetings are rescheduled to a different day or time, or if additional GRPU Commission meetings are added that are not shown on this calendar, special meeting notices will need to be done. Such notice was done for the January 12 Regular meeting that was rescheduled for January 11.

RECOMMENDATION:

Consider a motion to accept the 2022 City Calendar showing the dates and times of the GRPU 2022 Commissioner meetings.



2022

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Arts & Culture Comm. - 3:45 pm Council Worksession 4:00 pm City Council Mtg - 5 pm

\$ Payroll

Holiday

₽ Economic Devl. Authority - 4 pm

PCAB Police Advisory Board - 4:30 pm

Fire Dept. Bus. Mtg. - 7 pm ЛШЛ Park & Rec Civic Center Board 5:30 pm WS Work Session Public Utilities PC Planning Comm. - 4 pm

Human Rights Comm. - 4:00 pm





AGENDA DATE: January 11, 2022

AGENDA ITEM: Consider a motion to update the GRPU Personnel Policy Section 8.8.6,

pertaining to the donation of PTO.

PREPARED BY: Julie Kennedy, General Manager

BACKGROUND:

At the December 15, 2021 Regular meeting, the Commission approved updates to the language in Section 8.8.6 of the GRPU Personnel Policies. Unfortunately, as staff implemented the new language, we realized I missed two edits that should have been in the December policy language.

Attached are the clean version of the proposed policy along with a redlined version showing the changes from the December policy. The intent of the policy remains the same and the language changes recommended today are merely to correctly clarify the process.

Management staff recommends approval of the proposed policy changes.

RECOMMENDATION:

Consider a motion to update the GRPU Personnel Policy Section 8.8.6, pertaining to the donation of PTO.

Excerpt from the GRPU Personnel Policies, last revised December 15, 2021

8.8.6 DONATIONS OF PTO

Employee donations of unused, accumulated PTO to co-workers are authorized under the following conditions and in accordance with the following procedure:

- Employees having "regular" status with the Commission shall be eligible for PTO donations of up to a maximum of four hundred eighty (480) hours to cover lost time caused by debilitating illness/physical disability, terminal illness, severe non-industrial injury that exceeds two weeks in duration.
- 2. The employee has exhausted their own paid leave benefit accruals down to eighty (80) hours of EIB.
- 3. PTO donations up to eighty (80) hours per donating employee each calendar year may be authorized.
- 4. The donating employee and recipient employee's payroll records shall be adjusted to reflect a transfer of accrued hours, and donated PTO hours shall be converted to the same number of EIB leave hours on the recipient's payroll record.
- 5. The donated hours shall be utilized at the recipient's rate of pay.
- 6. Requests for transfer of PTO donations shall be submitted via the Co-Worker Donation of Accrued Vacation Hours Form to the General Manager for approval and processing.

Excerpt from the GRPU Personnel Policies, last revised December 15, 2021

8.8.6 DONATIONS OF PTO

Employee donations of unused, accumulated PTO to co-workers are authorized under the following conditions and in accordance with the following procedure:

- Employees having "regular" status with the Commission shall be eligible
 for PTO donations of up to a maximum of <u>four hundred eighty (480) hours</u>
 <u>ninety (90) days</u> to cover lost time caused by debilitating illness/physical
 disability, terminal illness, severe non-industrial injury that exceeds two
 weeks in duration.
- 2. The employee has exhausted their own paid leave benefit accruals down to eighty (80) hours of PTOEIB.
- 3. PTO donations up to eighty (80) hours per donating employee each calendar year may be authorized.
- 4. The donating employee and recipient employee's payroll records shall be adjusted to reflect a transfer of accrued hours, and donated PTO hours shall be converted to the same number of EIB leave hours on the recipient's payroll record.
- 5. The donated hours shall be utilized at the recipient's rate of pay.
- 6. Requests for transfer of PTO donations shall be submitted via the Co-Worker Donation of Accrued Vacation Hours Form to the General Manager for approval and processing.



AGENDA DATE: January 11, 2022

AGENDA ITEM: Consider a motion to confirm filling the Maintenance III position with

the preferred candidate, Jason Smith.

PREPARED BY: Julie Kennedy, General Manager.

BACKGROUND:

At the November 17, 2021 regular meeting, the Commission declared a vacancy existed and authorized the internal posting and external advertising for a Maintenance III position. Following the internal posting for the position, we collected no applications. Following external advertising of the position opening, we collected 21 applications. The applications were rated and telephone interviews were conducted with the 11 top-ranked applicants on December 9. In-person second interviews with the top 8 applicants were conducted on December 17 and 21. A background verification was submitted and received and an offer of employment was made to the selection committee's preferred applicant, Jason Smith. The offer was accepted with a hire date of January 20, 2022.

Management staff recommends the Commission formally confirm filling the vacancy of Maintenance III position with the selection committee's preferred candidate, Jason Smith.

RECOMMENDATION:

Consider a motion to confirm filling the Maintenance III position with the preferred candidate, Jason Smith.



AGENDA DATE: January 11, 2022

AGENDA ITEM: Consider a motion to ratify the procurement contract with Cogsdale for

long-term engagement training services in the amount of \$20,160.00

PREPARED BY: Jean M. Lane, Business Services Manager

BACKGROUND:

This purchase is part of the approved Business Services Department 2022 operations budget with Procurement Policy G.030 being followed.

RECOMMENDATION:

Consider a motion to ratify the procurement contract with Cogsdale for long-term engagement training services in the amount of \$20,160.00 in 2022.

PROCUREMENT CONTRACT

This Procurement Contract ("Contract") is by and between the Grand Rapids Public Utilities Commission, located at 500 SE 4th St, Grand Rapids, MN 55744 ("GRPUC"), and COGSDALE, located at 18 Great George, Charlottetown, PE, Canada, ("Contractor"). GRPUC and Contractor may be referred to jointly as the "Parties" or individually as a "Party."

Recitals

- A. GRPUC has solicited and received quotations from contractors for long-term engagement training services for 2022. ("Solicitation");
- B. Contractor provided a response to the Solicitation indicating its interest in and ability to provide the goods or services requested in the Solicitation; and
- C. Subsequent to an evaluation in accordance with the terms of the Solicitation and negotiation, the Parties desire to enter into a contract.

Accordingly, the Parties agree as follows:

Contract

- 1. <u>Term.</u> The effective date of this Contract is January 1, 2022. The Contractor must not begin work under this Contract until this Contract is fully executed and the Contractor has been notified by GRPUC's Authorized Representative to begin the work. This Contract will terminate upon the first of the following to occur:
 - 1.1 August 1, 2021.
 - 1.2 All of Contractor's obligations have been satisfactorily fulfilled.
 - 1.3 GRPUC may cancel this Contract at any time, with or without cause, upon ten (10) days' written notice to the Contractor.
 - 1.4 GRPUC may terminate this Contract immediately in the event of a breach by Contractor.
 - 1.5 The Parties may terminate this Contract at any time by mutual written agreement.

Upon receipt of any notice of termination Contractor shall immediately stop performance to the extent specified in such notice. In no event shall GRPUC be liable for any loss of revenue or profit incurred by Contractor as a result of any termination. Upon termination of this Contract, or earlier upon GRPUC's request, Contractor shall deliver to GRPUC all items requested by GRPUC containing any confidential information or work product information or make such other disposition thereof as GRPUC may direct in writing.

2. Contractor's Duties

2.1 The Contractor shall:

Provide 80 hours of training service and 16 hours of project management services.

(The services (if any) to be provided by Contractor to GRPUC are referred to as the "Services." The goods (if any) to be provided by Contractor to GRPUC are referred to as the "Goods."). Contractor's precise duties, specifications, deliverables, and completion dates related to the Goods and Services are more specifically described in Exhibit B.

- 2.2 GRPUC may make changes to the general scope of Goods and Services by written or oral notice to Contractor. If such changes affect the cost of or the time required to provide the Goods and Services, an equitable adjustment in the schedule and compensation under this Contract shall be made. GRPUC and Contractor may agree to additional Services or Goods by written amendment to this Contract.
- 2.3 Contractor agrees that all Goods and Services shall be provided, and all of Contractor's obligations performed, in accordance with all applicable laws and other legal requirements without extra charge or expense. Contractor will be responsible for a violation of any such legal requirements and will indemnify, defend, and hold harmless GRPUC from and against any expense or cost incurred by reason of any such violation by Contractor.
- 2.4 Contractor warrants and represents that the Goods and Services will be provided in a manner that is consistent with the level of care and skill exercised by members of Contractor's profession currently working under similar conditions. All Goods and Services not conforming to this standard will be considered defective and Contractor shall, at no cost to GRPUC, promptly and satisfactorily correct all such defective Goods and Services. Payment shall be withheld for Goods or Services found by GRPUC to be unsatisfactory or in violation of legal requirements.
- 2.5 Contractor shall be responsible for all its employees, agents, subcontractors, and invitees and their health and safety. Contractor shall ensure that all persons who perform the Services or produce or deliver the Goods are professionally competent and properly qualified and will remove any person GRPUC deems incompetent, careless, or otherwise objectionable.
- 2.6 Contractor is solely responsible and assumes full and exclusive liability for the payment of all contributions or taxes to be paid on or to persons employed by Contractor, and for payment of all sales, use, or other taxes of whatever nature levied or assessed against GRPUC arising out of the furnishing of the Services or production or delivery of the Goods, and will indemnify, defend, and hold harmless GRPUC from any such liability.

3. Consideration and Payment

3.1 Consideration. GRPUC will pay for performance by the Contractor under this Contract as follows:

- 3.1.1 Compensation. The Contractor will be paid twenty thousand one hundred sixty Dollars (\$20,160.00) in accordance with **Exhibit C**.
- 3.1.2 Total obligation. The total obligation and liability of GRPUC under this Contract will not exceed twenty thousand one hundred sixty Dollars (\$20,160.00).

3.2 Payment.

3.2.1 Invoices. GRPUC will pay the Contractor within thirty (30) days following receipt of an undisputed invoice that complies with **Exhibit C.** GRPUC may pay the Contractor in advance in its sole discretion. Payment will only be made for Goods received or Services actually performed that have been accepted by GRPUC.

4. Authorized Representative

GRPUC's Authorized Representative is Julie A. Kennedy, General Manager at the following business address: 500 SE 4th Street, Grand Rapids, MN, 55744 and the following telephone number: 218.326.7024 or his/her successor or delegate, and has the responsibility to monitor the Contractor's performance.

Contractor's Authorized Representative is Jeffrey Eldridge, Senior Sales Account Manager at the following business address: 18 Great George, Charlottetown, PE, Canada, and the following telephone number: 902.812.2830, or his/her successor. If the Contractor's Authorized Representative changes at any time during this Contract, the Contractor must immediately notify GRPUC.

- 5. **Indemnification.** Contractor will indemnify, defend, and hold harmless GRPUC, its agents, and employees, in relation to any expenses, damages, claims or causes of action, including reasonable attorney's fees, to the extent caused by any negligent or wrongful act, error or omission, breach of contract, or infringement of any intellectual property right by Contractor, any third party that Contractor has a business relationship with, or any of Contractor's agents or employees. Both parties agree that the Contractor's liability including in respect of the indemnity in this section 5 shall be limited to the amounts actually received by the Contractor from the GRPUC under this Contract regardless of the form of action, whether in contract, tort, or pursuant to statute.
- 6. **Subcontracting.** Contractor may not subcontract all or any portion of this Contract without GRPUC's prior written consent, which GRPUC may grant or withhold in its sole discretion. If an approved subcontractor is determined to be performing unsatisfactorily by GRPUC, Contractor will ensure that the subcontractor is no longer used for this Contract. The provisions of the Contract shall apply with equal force and effect to all approved subcontractors and no subcontract will terminate the primary responsibility of Contractor hereunder. Contractor will pay all subcontractors in accordance with applicable law and the agreement between Contractor and the subcontractor.

7. **GRPUC Audits.** The Contractor's books, records, documents, and accounting procedures and practices relevant to this Contract are subject to examination by GRPUC for six (6) years from the expiration or termination of this Contract. After reasonable notice, Contractor shall make such books, records, documents, and accounting procedures and practices available to GRPUC for its examination and audit.

8. Miscellaneous.

- General. No provision of this Contract may be modified, waived or discharged unless such waiver, modification or discharge is agreed to in writing and signed by all the Parties. No waiver by a Party shall be deemed a waiver of similar or dissimilar provisions or conditions at the same or at any prior or subsequent time. No agreement or representations, oral or otherwise, express or implied, with respect to the subject matter hereof have been made by any Party which are not expressly set forth in this Contract. The validity, interpretation, construction and performance of this Contract shall be governed by the internal laws of Minnesota. If any provision of this Contract shall be held or made invalid by a court decision, statute, rule or otherwise, the remainder of this Contract shall not be affected thereby. This Contract shall be binding on, and shall inure to the benefit of the Parties hereto and their respective successors and permitted assigns. This Contract may be executed in any number of counterparts, each of which shall for all purposes be deemed to be an original and all of which shall together constitute one and the same instrument. Delivery of an executed counterpart of a signature page of this Contract in Portable Document Format (PDF) or by facsimile transmission shall be as effective as delivery of a manually executed original counterpart of this Contract. In the event a Party institutes any legal proceeding against another Party regarding this Contract, the prevailing Party is entitled to receive the costs incurred by such Party, including reasonable attorneys' fees. In performing its obligations under this Contract, Contractor and its employees and agents shall act in the capacity of independent contractors and not as an employee, partner, joint venturer, or agent of GRPUC. When Contractor's employees are working on the premises of GRPUC, wherever located, they shall observe the working rules, policies, and procedures of GRPUC, including, but not limited to, its respectful workplace policy. The Parties must comply with the Minnesota Government Data Practices Act in relation to this Contract. Contractor certifies that neither it nor its principals are presently debarred or suspended by any federal, state, or local government or agency or political subdivision thereof. Neither Party will publicize anything in relation to this Contract without the other Party's prior written consent. Contractor shall not use or disclose any confidential information it receives from GRPUC except as is necessary to perform under this Contract. The obligations of Contractor hereunder shall survive the expiration or earlier termination of this Contract. Each of the Parties shall take such further actions as may be reasonably required to carry out the provisions of this Contract.
- 8.2 Notices. Any notice or other communication to any Party in connection with this Contract shall be in writing and shall be sent by hand-delivery, email, fax, overnight courier, or United States mail (postage prepaid) addressed to the address set forth below. All periods of notice shall be measured from the date of delivery thereof if hand-delivered, from the date of sending thereof if sent by email or fax (effective upon confirmation of receipt), from the first day after the date of sending if sent by overnight courier, or from three (3) business days after the date of mailing if mailed. Any Party may change such Party's address for notices by notice given not less than ten (10) calendar days prior to the effective date of the change.

GRPUC Cogsdale Address: Address:

500 SE 4th Street 18 Great George, Charlottetown,

Grand Rapids, MN 55744 PE, Canada

Attn: Jean M. Lane Attn: Jeffrey Eldridge

Email: jmlane@gmail.com Email: JEldridge@cogsdale.com

9. Exhibits

The following Exhibits are attached and incorporated into this Contract. In the event of a conflict between the terms of this Contract and its Exhibits (including any supplements), or between Exhibits (including any supplements), the order of precedence is first the Contract, and then in the following order:

Exhibit A: Insurance Requirements

Exhibit B: Specifications, Duties, and Scope of Work

Exhibit C: Price and Payment Schedule

IN WITNESS WHEREOF, the parties hereto by their duly authorized representatives have executed this Contract effective as of the effective date set forth above.

Cogsdale ____

Бу. _____

Print Name: Todd Ohman

Title: Executive Vice President

Grand Rapids Public Utilities Commission

By: Julie Kennedy 12/14/2021

Print Name: Julie A. Kennedy

Title: General Manager

Exhibit A: Insurance Requirements

Notice to Contractor and Insurer. Contractor shall not commence work under the Contract until it has obtained all the insurance described below and GRPUC has approved such insurance. Contractor shall maintain such insurance throughout the term of this Contract. GRPUC reserves the right to immediately terminate this Contract if the Contractor is not in compliance with the insurance requirements. Contractor shall furnish GRPUC with certificates of insurance to the policies evidencing all coverages required by this Contract. Further, in the event a litigation matter arises and the production of Contractor's insurance policies is requested during litigation, the Contractor shall provide copies of applicable insurance coverage, as required, in accordance with the requirements of the applicable litigation schedule.

- Additional Insurance Conditions. The following apply to the Contractor and Contractor's subcontractor: Contractor's policy(ies) shall be primary insurance to any other valid and collectible insurance available to GRPUC. Contractor agrees to notify GRPUC within five (5) business days of receipt of any insurance cancellation notice. Contractor is responsible for payment of Contract-related insurance premiums and deductibles. Contractor's policy(ies) shall include legal defense fees in addition to its policy limits with the exception of professional liability. Contractor's insurance companies must either (1) have an AM Best rating of A- (minus) and a Financial Size Category of VII or better, and be authorized to do business in Minnesota, or (2) be domiciled in Minnesota and have a Certificate of Authority/Compliance from the Minnesota Department of Commerce if they are not rated by AM Best. An Umbrella or Excess Liability insurance policy may be used to supplement the Contractor's policy limits to satisfy the full policy limits required by the Contract.
- 2 **Coverages.** Contractor is required to maintain and furnish satisfactory evidence of the following insurance policies:
 - 2.1 Commercial General Liability Insurance coverage that would be maintained by a reasonable contractor in Contractor's profession performing a similar contract, with the following minimum limits:

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$1,500,000 – per occurrence
$1,500,000 – annual aggregate
$1,500,000 – annual aggregate – applying to Products/Completed Operations
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2.2 **Commercial Automobile Liability Insurance** coverage that would be maintained by a reasonable contractor in Contractor's profession performing a similar contract, with the following minimum limits:

\$1,500,000 – per occurrence Combined Single limit for Bodily Injury and Property Damage

The following coverages should be included: Owned, Hired, and Non-owned Automobile.

- 2.3 **Workers' Compensation Insurance.** Contractor shall obtain and maintain for the duration of the Contract, statutory workers' compensation insurance and employer's liability insurance as required under the laws of the State of Minnesota.
- 2.4 **Professional Liability, Errors, and Omissions.** This policy will provide coverage for all claims the Contractor may become legally obligated to pay resulting from any actual or alleged negligent act, error, or omission related to Contractor's professional services required under the Contract. Insurance minimum limits are as follows:

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$2,000,000 - per claim or event
$2,000,000 - annual aggregate
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Any deductible will be the sole responsibility of the Contractor and may not exceed \$500,000 without the written approval of GRPUC.

Exhibit B: Specifications, Duties, and Scope of Work

Cogsdale will provide a long-term engagement (LTE) to Grand Rapids Public Utilities Commission.

Provide 80 hours of training service and 16 hours of project management services.

Cogsdale's professional services team will provide services for a period of 6 months structured as follows:

- Duration 6 months This services engagement will begin on the 1st week of services are provided by Cogsdale, and ends 6 months after.
- Resource allocation 1-1.5 hours/week each of Cogsdale CSM and Microsoft GP totaling 96 hours of engagement: consisting of 80 hours consulting services, 16 hours project management. If more hours are required, hours may be added to this engagement at any time during the active period of this engagement at the rate of \$210/hour upon request.
- Travel Requirement Consulting services can be provided on-site on request. Cogsdale and Grand Rapids Public Utilities Commission will determine travel schedule during the course of the long-term engagement. The understanding is that these Services will be delivered entirely by alternative meeting options such as; Zoom/Teams, Remote Desktop and conference calls in an effort to reduce travel costs and expenses.

Grand Rapids Public Utilities Commission would like to use this engagement for Professional Service projects examples as follows:

- 1. Cogsdale CSM training for new CSR team
- 2. Project Accounting
- 3. Reporting; accurate and timely financials

Exhibit C: Price and Payment Schedule

The total obligation and liability of GRPUC under this Contract will not exceed twenty thousand one hundred sixty Dollars (\$20,160.00).

Services will be invoiced on the first day of the month, based on schedule below. The first billing period due upon signing of this quotation.

Payment Schedule:

Due upon Signing \$6,720.00

February 1, 2022 \$6,720.00

March 1, 2022 \$6,720.00



AGENDA DATE: January 11, 2022

AGENDA ITEM: Consider a motion to ratify the procurement contract with NOS

Automation for two years of cloud based alarm services for lift stations

for \$6,665.00.

PREPARED BY: Steve Mattson

BACKGROUND:

The scope of this purchase is to provide cloud based alarm service for all of our lift stations spread out throughout the community. The lift station alarm devices were already purchased in 2020 and 2021. Procurement Policy G.030 was followed.

RECOMMENDATION:

Consider a motion to ratify the procurement contract with NOS Automation for two years of cloud based alarm services for lift stations for \$6,665.00.

PROCUREMENT CONTRACT

This Procurement Contract ("Contract") is by and between the Grand Rapids Public Utilities Commission, located at 500 SE 4th St, Grand Rapids, MN 55744 ("GRPUC"), and NOS Automation LLC, a LLC, located at 21419 River Road ("Contractor"). GRPUC and Contractor may be referred to jointly as the "Parties" or individually as a "Party."

Recitals

- A. GRPUC has solicited and received quotations from contractors for Alarm Agent 2 year cloud service for lift stations 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13 ("Solicitation"); this solicitation is from a single source vendor. The equipment which the alarm system monitors was vetted through the GRPU procurement policy in 2020 and 2021. NOS Automation LLC was the lowest responsible vendor and the alarm system was included in the original purchase price for one year.
- B. Contractor provided a response to the Solicitation indicating its interest in and ability to provide the goods or services requested in the Solicitation; and
- C. Subsequent to an evaluation in accordance with the terms of the Solicitation and negotiation, the Parties desire to enter into a contract.

Accordingly, the Parties agree as follows:

Contract

- 1. <u>Term.</u> The effective date of this Contract is January 7, 2022. The Contractor must not begin work under this Contract until this Contract is fully executed and the Contractor has been notified by GRPUC's Authorized Representative to begin the work. This Contract will terminate upon the first of the following to occur:
 - 1.1 12/31/2023
 - 1.2 All of Contractor's obligations have been satisfactorily fulfilled.
 - 1.3 GRPUC may cancel this Contract at any time, with or without cause, upon ten (10) days' written notice to the Contractor.
 - 1.4 GRPUC may terminate this Contract immediately in the event of a breach by Contractor.
 - 1.5 The Parties may terminate this Contract at any time by mutual written agreement.

Upon receipt of any notice of termination Contractor shall immediately stop performance to the extent specified in such notice. In no event shall GRPUC be liable for any loss of revenue or profit incurred by Contractor as a result of any termination. Upon termination of this Contract, or earlier upon GRPUC's request, Contractor shall deliver to GRPUC all items requested by GRPUC containing any confidential information or work product information or make such other disposition thereof as GRPUC may direct in writing.

2. Contractor's Duties

2.1 The Contractor shall:

Provide AlarmAgent 2 year Cloud Service for 11 lift stations. To meet the GRPUC's need to closely monitor the level and power of each lift station.

(The services (if any) to be provided by Contractor to GRPUC are referred to as the "Services." The goods (if any) to be provided by Contractor to GRPUC are referred to as the "Goods."). Contractor's precise duties, specifications, deliverables, and completion dates related to the Goods and Services are more specifically described in Exhibit B.

- 2.2 GRPUC may make changes to the general scope of Goods and Services by written or oral notice to Contractor. If such changes affect the cost of or the time required to provide the Goods and Services, an equitable adjustment in the schedule and compensation under this Contract shall be made. GRPUC and Contractor may agree to additional Services or Goods by written amendment to this Contract.
- 2.3 Contractor agrees that all Goods and Services shall be provided, and all of Contractor's obligations performed, in accordance with all applicable laws and other legal requirements without extra charge or expense. Contractor will be responsible for a violation of any such legal requirements and will indemnify, defend, and hold harmless GRPUC from and against any expense or cost incurred by reason of any such violation by Contractor.
- 2.4 Contractor warrants and represents that the Goods and Services will be provided in a manner that is consistent with the level of care and skill exercised by members of Contractor's profession currently working under similar conditions. All Goods and Services not conforming to this standard will be considered defective and Contractor shall, at no cost to GRPUC, promptly and satisfactorily correct all such defective Goods and Services. Payment shall be withheld for Goods or Services found by GRPUC to be unsatisfactory or in violation of legal requirements.
- 2.5 Contractor shall be responsible for all its employees, agents, subcontractors, and invitees and their health and safety. Contractor shall ensure that all persons who perform the Services or produce or deliver the Goods are professionally competent and properly qualified and will remove any person GRPUC deems incompetent, careless, or otherwise objectionable.
- 2.6 Contractor is solely responsible and assumes full and exclusive liability for the payment of all contributions or taxes to be paid on or to persons employed by Contractor, and for payment of all sales, use, or other taxes of whatever nature levied or assessed against GRPUC arising out of the furnishing of the Services or production or delivery of the Goods, and will indemnify, defend, and hold harmless GRPUC from any such liability.

3. Consideration and Payment

3.1 Consideration. GRPUC will pay for performance by the Contractor under this Contract as follows:

- 3.1.1 Compensation. The Contractor will be paid Six Thousand Six Hundred Sixty-Five Dollars and no cents. (\$ 6,665.00) in accordance with **Exhibit C**.
- 3.1.2 Total obligation. The total obligation and liability of GRPUC under this Contract will not exceed Six Thousand Six Hundred Sixty-Five Dollars and no cents (\$6,665.00).

3.2 Payment.

3.2.1 Invoices. GRPUC will pay the Contractor within thirty (30) days following receipt of an undisputed invoice that complies with **Exhibit C.** GRPUC may pay the Contractor in advance in its sole discretion. Payment will only be made for Goods received or Services actually performed that have been accepted by GRPUC.

4. Authorized Representative

GRPUC's Authorized Representative is Steve Mattson, Water and Wastewater Manager at the following business address: 500 SE 4th St Grand Rapids, MN 55744, and the following telephone number: 218-326-7195, or his/her successor or delegate, and has the responsibility to monitor the Contractor's performance.

Contractor's Authorized Representative is Rick Beckrich, Owner at the following business address: 21419 River Road, Grand Rapids, MN 55744, and the following telephone number: 218-969-1375, or his/her successor. If the Contractor's Authorized Representative changes at any time during this Contract, the Contractor must immediately notify GRPUC.

- 5. **Indemnification.** Contractor will indemnify, defend, and hold harmless GRPUC, its agents, and employees, in relation to any expenses, damages, claims or causes of action, including reasonable attorney's fees, to the extent caused by any negligent or wrongful act, error or omission, breach of contract, or infringement of any intellectual property right by Contractor, any third party that Contractor has a business relationship with, or any of Contractor's agents or employees.
- 6. **Subcontracting.** Contractor may not subcontract all or any portion of this Contract without GRPUC's prior written consent, which GRPUC may grant or withhold in its sole discretion. If an approved subcontractor is determined to be performing unsatisfactorily by GRPUC, Contractor will ensure that the subcontractor is no longer used for this Contract. The provisions of the Contract shall apply with equal force and effect to all approved subcontractors and no subcontract will terminate the primary responsibility of Contractor hereunder. Contractor will pay all subcontractors in accordance with applicable law and the agreement between Contractor and the subcontractor.
- 7. **Ownership.** Contractor agrees that all legal right, title, and interest to intellectual property, data, documents, photographs, drawings, analyses, graphs, reports, physical property or other subject matter ("GRPUC Property") prepared, delivered, procured, or produced in relation to Contractor's obligations under this Contract shall vest in GRPUC. Contractor will perform all acts necessary to ensure that all GRPUC Property is the sole property of GRPUC, and that neither Contractor nor its employees, agents, or subcontractors retain any interest in and to the GRPUC Property.

- 8. **GRPUC Audits.** The Contractor's books, records, documents, and accounting procedures and practices relevant to this Contract are subject to examination by GRPUC for six (6) years from the expiration or termination of this Contract. After reasonable notice, Contractor shall make such books, records, documents, and accounting procedures and practices available to GRPUC for its examination and audit.
 - 9. Miscellaneous. General. No provision of this Contract may be modified, waived or discharged unless such waiver, modification or discharge is agreed to in writing and signed by all the Parties. No waiver by a Party shall be deemed a waiver of similar or dissimilar provisions or conditions at the same or at any prior or subsequent time. No agreement or representations, oral or otherwise, express or implied, with respect to the subject matter hereof have been made by any Party which are not expressly set forth in this Contract. The validity, interpretation, construction and performance of this Contract shall be governed by the internal laws of Minnesota. If any provision of this Contract shall be held or made invalid by a court decision, statute, rule or otherwise, the remainder of this Contract shall not be affected thereby. This Contract shall be binding on, and shall inure to the benefit of the Parties hereto and their respective successors and permitted assigns. Contractor may not assign Contractor's rights or obligations hereunder without the prior written consent of GRPUC. This Contract may be executed in any number of counterparts, each of which shall for all purposes be deemed to be an original and all of which shall together constitute one and the same instrument. Delivery of an executed counterpart of a signature page of this Contract in Portable Document Format (PDF) or by facsimile transmission shall be as effective as delivery of a manually executed original counterpart of this Contract. In the event a Party institutes any legal proceeding against another Party regarding this Contract, the prevailing Party is entitled to receive the costs incurred by such Party, including reasonable attorneys' fees. In performing its obligations under this Contract, Contractor and its employees and agents shall act in the capacity of independent contractors and not as an employee, partner, joint venturer, or agent of GRPUC. When Contractor's employees are working on the premises of GRPUC, wherever located, they shall observe the working rules, policies, and procedures of GRPUC, including, but not limited to, its respectful workplace policy. The Parties must comply with the Minnesota Government Data Practices Act in relation to this Contract. Contractor certifies that neither it nor its principals are presently debarred or suspended by any federal, state, or local government or agency or political subdivision thereof. Neither Party will publicize anything in relation to this Contract without the other Party's prior written consent. Contractor shall not use or disclose any confidential information it receives from GRPUC except as is necessary to perform under this Contract. The obligations of Contractor hereunder shall survive the expiration or earlier termination of this Contract. Each of the Parties shall take such further actions as may be reasonably required to carry out the provisions of this Contract.
 - 9.1 Notices. Any notice or other communication to any Party in connection with this Contract shall be in writing and shall be sent by hand-delivery, email, fax, overnight courier, or United States mail (postage prepaid) addressed to the address set forth below. All periods of notice shall be measured from the date of delivery thereof if hand-delivered, from the date of sending thereof if sent by email or fax (effective upon confirmation of receipt), from the first day after the date of sending if sent by overnight courier, or from three (3) business days after the date

of mailing if mailed. Any Party may change such Party's address for notices by notice given not less than ten (10) calendar days prior to the effective date of the change.

GRPUC NOS Automation LLC.

Address: Address:

500 SE 4th Street 21419 River Road

Grand Rapids, MN 55744
Attn: Steve Mattson
Grand Rapids, MN 55744
Attn: Rick Beckrich

Email: srmattson@grpuc.org Email:

rick.beckrich@nosautomation.com

10. Exhibits

The following Exhibits are attached and incorporated into this Contract. In the event of a conflict between the terms of this Contract and its Exhibits (including any supplements), or between Exhibits (including any supplements), the order of precedence is first the Contract, and then in the following order:

Exhibit A: Insurance Requirements

Exhibit B: Specifications, Duties, and Scope of Work

Exhibit C: Price and Payment Schedule

Exhibit D: Invoice Example

IN WITNESS WHEREOF, the parties hereto by their duly authorized representatives have executed this Contract effective as of the effective date set forth above.

NOS Automation

Print Name: Richard Beckrich

Title: Owner / Automation Specialist

Grand Rapids Public Utilities Commission

By: Julie Kennedy 01/07/2022

Print Name: Julie A. Kennedy

Title: General Manager

Exhibit A: Insurance Requirements

- Notice to Contractor and Insurer. Contractor shall not commence work under the Contract until it has obtained all the insurance described below and GRPUC has approved such insurance. Contractor shall maintain such insurance throughout the term of this Contract. GRPUC reserves the right to immediately terminate this Contract if the Contractor is not in compliance with the insurance requirements. All insurance policies must be open to inspection by GRPUC, and copies of policies must be submitted to GRPUC's Authorized Representative upon written request. The Contractor's insurance companies waive the right to assert the immunity of GRPUC as a defense to any claims made under said insurance.
- Additional Insurance Conditions. The following apply to the Contractor and Contractor's subcontractor: Contractor's policy(ies) shall be primary insurance to any other valid and collectible insurance available to GRPUC. Contractor agrees to notify GRPUC within five (5) business days of receipt of any insurance cancellation notice. Contractor is responsible for payment of Contract-related insurance premiums and deductibles. Contractor's policy(ies) shall include legal defense fees in addition to its policy limits with the exception of professional liability. Contractor's insurance companies must either (1) have an AM Best rating of A- (minus) and a Financial Size Category of VII or better, and be authorized to do business in Minnesota, or (2) be domiciled in Minnesota and have a Certificate of Authority/Compliance from the Minnesota Department of Commerce if they are not rated by AM Best. An Umbrella or Excess Liability insurance policy may be used to supplement the Contractor's policy limits to satisfy the full policy limits required by the Contract.
- 3 **Coverages.** Contractor is required to maintain and furnish satisfactory evidence of the following insurance policies:
 - 3.1 **Commercial General Liability Insurance** coverage that would be maintained by a reasonable contractor in Contractor's profession performing a similar contract, with the following minimum limits:

```
$1,500,000 – per occurrence
$1,500,000 – annual aggregate
$1,500,000 – annual aggregate – applying to Products/Completed Operations
```

3.2 **Commercial Automobile Liability Insurance** coverage that would be maintained by a reasonable contractor in Contractor's profession performing a similar contract, with the following minimum limits:

\$1,500,000 – per occurrence Combined Single limit for Bodily Injury and Property Damage

The following coverages should be included: Owned, Hired, and Non-owned Automobile.

- 3.3 **Workers' Compensation Insurance.** Contractor shall obtain and maintain for the duration of the Contract, statutory workers' compensation insurance and employer's liability insurance as required under the laws of the State of Minnesota.
- 3.4 **Professional Liability, Errors, and Omissions.** This policy will provide coverage for all claims the Contractor may become legally obligated to pay resulting from any actual or alleged negligent act, error, or omission related to Contractor's professional services required under the Contract. Insurance minimum limits are as follows:

```
$2,000,000 - per claim or event
$2,000,000 - annual aggregate
```

Any deductible will be the sole responsibility of the Contractor and may not exceed \$50,000 without the written approval of GRPUC.

3.5 **Network Security and Privacy Liability Insurance (or equivalent)** coverage that would be maintained by a reasonable contractor in Contractor's profession performing a similar contract, with the following minimum limits:

```
$2,000,000 - per occurrence
$2,000,000 - annual aggregate
```

3.6 **Privacy Liability Insurance (or equivalent)** coverage that would be maintained by a reasonable contractor in Contractor's profession performing a similar contract, with the following minimum limits:

```
$2,000,000 - per Occurrence
$2,000,000 - annual Aggregate
```

The following coverage shall be included: GRPUC named as an Additional Insured unless the coverage is written under a Professional Liability policy.

3.7 **Property of Others Insurance (or equivalent).** The Contractor shall maintain a property insurance policy covering "All Risk" of direct physical loss or damage, or equivalent, including the perils of theft, flood, transit, earthquake, and pollution clean-up expense for property owned by GRPUC that is in the Contractor's care, custody, and control. Any deductible shall be the sole responsibility of the Contractor. Insurance **minimum** limits are as follows: The Contractor is solely responsible for the coverage equal to that of the actual cash value of GRPUC-owned property in the Contractor's care, custody, and control at any given point in time.

Exhibit B: Specifications, Duties, and Scope of Work

Alarm Agent Service a wireless, web-based alarm detection and notification system from RACO designed specifically for water and wastewater pump applications. This system will provide an alarm due to power failure and high level in the lift station.

Dependable, real-time alarm monitoring and detection.

Highly customizable notification preferences. Around-the-clock status access from almost anywhere. Simple administration of WRTUs, preferences, users, reporting parameters and more.

AlarmAgent.com's real-time report-generation capability is optimized for pump applications. Users can spot clogged or malfunctioning pumps in time to prevent a major disaster..

AlarmAgent.com combines the latest in data communications and wireless technology with the reliability and reputation of RACO's half-century of industry experience.

Exhibit C: Price and Payment Schedule

A one-time fee of \$6,665.00 is due immediately to cover the RACO Alarm Agent Cloud Service for 2 years. This service covers 11 lift stations (2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13).

Cost for 2022 = \$3,333.00

Cost for 2023 = \$3,332.00

Exhibit D



NOS Automation LLC 21419 River Road Grand Rapids, MN 55744

Phone: (218) 969-1375

E-mail: accounting@nosautomation.com Web: www.nosautomation.com

Invoice

Date	Invoice #					
12/16/2021	I202112004					

Bill To Grand Rapids Public Utilities ATT: Jeremy Goodell 500 SE 4th Street Grand Rapids, MN 55744 USA

Item	Descr	iption	Qty	Rate	Amount
loud Hosting	RACO AlarmAgent 2 Year C 02, 03, 04, 05, 06, 07, 08, 09,	loud Service For Lift Stations	1	6,665.00	6,665.00
		Tot	al		\$6,665.00
Terms	Due on receipt				



CERTIFICATE OF LIABILITY INSURANCE

DATE (M	
1/6	Item 8

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

	3	(-)					
PRODUCER Reliable Agency, Inc		CONTACT NAME: Kristen Modean PHONE (A/C, No, Ext): 218-655-3375 FAX (A/C, No, Ext): 218-655-3375					
5094 Miller Trunk Hwy Ste 500 Hermantown MN 55811		ADDRESS: kristen@reliablemn.com					
		INSURER(S) AFFORDING COVERAGE		NAIC#			
		INSURER A: Employers Mutual Casualty Co		21415			
INSURED	NOSAUTO-01	INSURER B: Lloyds of London					
NOS Automation LLC 21419 River Rd		INSURER C:					
Grand Rapids MN 55744		INSURER D:					
		INSURER E:					
		INSURER F:					
COVERACES	CERTIFICATE NUMBER, CCC420704	DEVICION NUM	ADED.				

COVERAGES CERTIFICATE NUMBER: 666138704 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR		TYPE OF INSURANCE		SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s
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		CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$300,000
								MED EXP (Any one person)	\$ 5,000
								PERSONAL & ADV INJURY	\$ 1,000,000
	GEN	I'L AGGRE <u>GAT</u> E LIMIT AP <u>PLIE</u> S PER:						GENERAL AGGREGATE	\$ 2,000,000
		POLICY PRO- JECT LOC						PRODUCTS - COMP/OP AGG	\$ 2,000,000
		OTHER:							\$
	AUT	OMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$
		ANY AUTO						BODILY INJURY (Per person)	\$
		OWNED SCHEDULED AUTOS ONLY						BODILY INJURY (Per accident)	\$
		HIRED NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	\$
								·	\$
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		EXCESS LIAB CLAIMS-MADE						AGGREGATE	\$
		DED RETENTION \$							\$
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	(Man	datory in NH)						E.L. DISEASE - EA EMPLOYEE	\$
	If yes	s, describe under CRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	\$
В	Prof	essional Liability			WG00005332AA	6/8/2021	6/8/2022	Each Claim Aggregate	1,000,000 1,000,000
DESC	RIPT	ION OF OPERATIONS / LOCATIONS / VEHICL	LES (A	CORD	101, Additional Remarks Schedule, may b	e attached if more	e space is require	ed)	

CERTIFICATE HOLDER CANCELLATION

Grand Rapids Public Utilities Commission 500 SE 4th St Grand Rapids MN 55744 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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CERTIFICATE OF LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

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Service is Our Nature

500 SE Fourth Street • Grand Rapids, Minnesota 55744

ADMINISTRATION DEPARTMENT MONTHLY REPORT January 2022 Commission Meeting

Safety

There were no OSHA recordable accidents in the Administration Department last month.

Office Closures

- GRPU offices will be closed on January 17, 2022 in observance of the MLK, Jr. holiday.
- GRPU offices will be closed on January 18, 2022 for annual employee appreciation meeting.

Commission Meetings

- 2022 city calendar shows GRPU Regular Meetings and Work Sessions (consent agenda)
- Jan 25 Work Session Jean, Steve, and Jeremy will present on policies Julie will not be attending.
- Feb 8 Meeting Commissioners Blake & Francisco and Julie at Legislative Conference reschedule?

Staffing

Jason Smith, Maintenance III, starts January 20, 2022 - confirmation of hire (consent agenda).

Community Involvement

- Employee leadership volunteering efforts at Second Harvest.
- MMUA Tom Bovitz Memorial Scholarship applications due April 1, 2022 (see attachment).
- Winter Storm Preparation with City and County officials.

Projects Performed Last Month

Advanced HR Module training – new software for 2022.

Projects Scheduled for This Month

- MMUA T&O Conference Presentation with Jeremy on Solar plus Storage Project January 19, 2022.
- GRPU Internal Communications Plan Development (intranet, document storage and retention).
- Employee Licenses/Certifications tracking program in new HR software.
- Legislative efforts for GRPU WTP Renovation Project and other utility related legislation.

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500 SE Fourth Street • Grand Rapids, Minnesota 55744

ATTENTION GRAND RAPIDS STUDENTS

If your family is a customer of Grand Rapids Public Utilities, you are eligible for the MMUA Tom Bovitz Memorial Scholarship. The purpose of the scholarship program is to give something back to the community and to increase awareness of public power.

Applications can be mailed to Grand Rapids Public Utilities at 500 SE 4th Street, Grand Rapids, MN 55744 or emailed to <u>jakennedy@grpuc.org</u>.

Grand Rapids Public Utilities Commissioners will select one application to be forwarded for consideration by MMUA for one of the Statewide scholarships, based on an essay contest.

In Minnesota there are 4 awards - \$2,000, \$1,500, \$1,000 and \$500.

Grand Rapids Public Utilities would love to see one of our local students win one of these scholarship awards.

Our deadline for receipt of application is 4:30 p.m. on April 1, 2022. We must make a recommendation to MMUA before their April 20, 2022 deadline. Please see the links below for more information.

Feel free to email Julie Kennedy at <u>jakennedy@grpuc.org</u> if you have questions.

Information about the scholarship program:

Description

Guidelines

Entry Form



Guidelines: 2022 MMUA 'Tom Bovitz Memorial Scholarship Award'

Purposes

To give something back to the community.
 To increase awareness of public power.

Prizes

The scholarship fund is split into \$2,000, \$1,500, \$1,000 and \$500 scholarships, and awarded to essay contest winners who plan to attend a post-secondary educational institution.

Guidelines for submission

Because decisions by judges and disqualifications according to the guidelines are final, entrants should read and follow these guidelines closely:

- Entries are to interpret one or more aspects of the theme, "Municipal utilities: good for all of us." This applies to municipal electric and natural gas utilities. Judges will look particularly for originality and the relevance of the theme to the writer and his/her city.
- High school seniors are eligible. Those eligible must be, or have as a legal guardian, a customer of an MMUA-member municipal electric or gas utility.
- Essays are to be original and from 500 to 750 words, typed and double-spaced.
- All essays should include a cover page, with the writer's name and address.
- Deadline for submitting essays to MMUA is **April 20, 2022**. Entries shall be submitted to the governing body of the municipal utility. (The local governing body may appoint a separate individual or group to judge entries.) The local governing body will send the winning essay to MMUA for entry into the statewide contest. A committee of MMUA members will select the winners, with an announcement by mid-May.
- An independent person or body may be designated to select the winner of the local essay. If there is an independent body selecting the winner and they do not know who wrote which essay, relatives of utility personnel are eligible to enter the contest.

Resource Materials

Your local utility is the best resource for information and printed materials. You may also want to visit www.mmua.org and www.publicpower.org

Payment

Scholarship money will be payable upon receipt of fee statement copy from an accredited post-secondary educational institution. The award check will be made payable to the contest winner and the post-secondary institution. If the contest winner does not attend an accredited post-secondary educational institution within two years, the money will revert to a trust fund and become available to future contest winners.



to sdowner@mmua.org

Tom Bovitz Memorial Scholarship Entry Form

Minnesota Municipal Utilities Association (MMUA)

Deadline to MMUA: April 20,Deadline to local municipal uti	(check with utility).				
• Amount: \$2,000 first place	\$1,500 second	\$1,000 third	\$500 fourth place		
Name:	Tele	phone:			
Address:	City, State	e, Zip			
Graduation date:					
Parents' names:					
Utility name:					
Utility contact person:					
Utility contact email:					
Attach a 500 to 750 word, typed, d for All of Us." This applies to mur			•		
This form should be used with all l MMUA, and may be used by the so Check with your local utility for lo program 'Guidelines.'	chool for entries to t	he local utility or d	ecision-making entity.		
MMUA members submitting a wir	nning essay may trar	nsmit the document	as a .pdf file via email		



GRAND RAPIDS PUBLIC UTILITIES COMMISSION AGENDA ITEM

AGENDA DATE: January 11, 2022

AGENDA ITEM: Consider a motion to approve the full lump sum merit pay allowed in the

General Manager's employment contract based on the Commissioners

evaluation of her 2021 performance.

PREPARED BY: Julie Kennedy, General Manager

BACKGROUND:

General Manager Julie Kennedy's performance is reviewed on an annual basis by two members of the Commission. Based on that review, the Commissioners determine how much merit pay she should receive for that year in accordance with the existing employment contract. On December 15, 2021, Commission President Stanley and Commissioner Francisco met with Ms. Kennedy to discuss her 2021 performance. As a result of the review, the Commissioners are recommending approval of the full lump sum merit pay allowed in her employment contract.

RECOMMENDATION:

Consider a motion to approve the full lump sum merit pay allowed in the General Manager's employment contract based on the Commissioners evaluation of her 2021 performance.



500 SE Fourth Street • Grand Rapids, Minnesota 55744

BUSINESS SERVICES DEPARTMENT MONTHLY REPORT January 2022 Commission Meeting

Safety

There were no OSHA recordable accidents last month.

Revenue Report Last Month

The attached table shows the monthly revenue report for last month.

Effective Wholesale Electric Rate Last Month

The attached graph shows the effective wholesale electric rate for last month.

Projects Performed Last Month

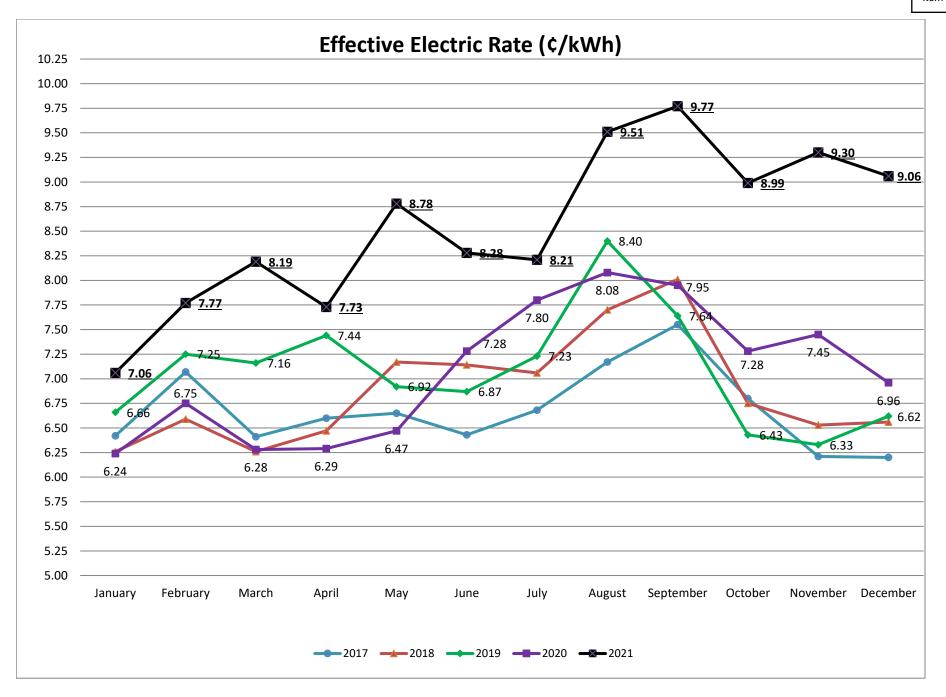
- Continue training new customer service and accounting personnel.
- Cybersecurity awareness training (Knowbe4).
- Documentation of Cogsdale and GP Dynamics software application processes.
- Continued to review and improve instructions for customer service tasks.
- 2022 operations and capital budgets presented for approval.
- Met with outsourced IT support and discussed internal communication platforms.

Projects Scheduled for This Month

- Continue training new customer service team members.
- Finalize scheduling training for 2018 GP Dynamics/Cogsdale upgrade.
- Work the 2022 operations and capital budget plan.
- EOY 2021 and BOY 2022 processes
- Manager and Foreman budget versus actual monthly kickoff meeting.
- Start phased implementation of Journyx software for time keeping.
- Audit kickoff meeting for 2021

Monthly Revenue Report

	2018 YTD	2019 YTD	2020 YTD	2021 YTD	2021 YTD Dec	% of
	December	December	December	December	Budget	Budget
Electric Department						
City Residential	3,725,025	3,715,648	4,058,351	4,204,946	3,869,329	108.67%
Rural Residential	1,009,766	1,007,402	1,075,163	1,114,338	1,043,431	106.80%
City Commercial	2,563,578	2,598,813	2,560,032	2,598,254	2,825,035	91.97%
Rural Commercial	332,691	338,805	338,294	388,283	355,408	109.25%
City Demand & Energy	5,083,707	5,178,100	4,946,979	5,186,718	5,542,536	93.58%
Rural Demand & Energy	222,583	232,085	211,485	223,788	234,966	95.24%
City Industrial	1,334,164	1,294,617	1,294,583	1,415,617	1,347,260	105.07%
City Commercial- EVC Sales	0.40.40=	222 242	400.070	1,089	0.47 400	00.470/
City Load Management	210,437	206,340	193,878	174,990	217,460	80.47%
Rural Load Management	141,811	132,608	121,800	110,297	142,940	77.16%
Total Electric Retail Sales	14,623,760	14,704,418	14,800,566	15,418,319	15,578,364	98.97%
Windsense Program	0	0	0	0	0	
Security Lighting	55,579	56,506	60,329	61,598	60,378	102.02%
Total Sales	14,679,340	14,760,923	14,860,894	15,479,916	15,638,742	98.98%
Purchased Power Pass-thru	620,851	474,655	370,934	2,309,529	621,227	
Total Electric	15,300,191	15,235,578	15,231,829	17,789,446	16,259,969	109.41%
% Change from previous year	13,300,191	-0.42%	-0.02%	16.79%	10,239,909	109.4170
Electric rate increase - average		-0.42 /0	-0.02 /0	10.7970	0	
Licelle rate merease - average					O	
Total Power Expense	11,168,794	11,336,656	11,069,575	13,610,807	11,724,363	116.09%
Gross Margin	, ,	26%	27%	23%	, ,	
g						
Water Department						
City Residential	570,111	616,528	623,931	658,273	622,373	105.77%
City Commercial / Industrial	678,356	708,581	670,776	770,313	668,549	115.22%
City Multi-Family	216,293	243,687	247,153	248,573	238,032	104.43%
Rural Residential	0	0	0	0	0	
Rural Commercial	0	0	0	0	0	
Public Authorities _	30,872	34,665	35,140	38,057	31,950	119.12%
Total Water	1,495,632	1,603,461	1,577,000	1,715,216	1,560,903	109.89%
% Change from previous year		7.21%	-1.65%	8.76%		
Water rate increase - average						
Wastewater Collection						
Department	204.057	707.407	700.004	700 000	705.000	100 700/
City Residential	664,657	727,197	733,004	762,868	735,000	103.79%
City Commercial	778,329	802,733	744,252	775,726	780,643	99.37%
City Multi-Family	0	0	0	0	0	0.00%
Rural Residential	737	800	811	763	840	90.86%
Rural Commercial	3,158	3,831	3,905	3,716	3,840	96.78%
Public Authorities	141,033	143,842	138,797	136,848	134,300	101.90%
Septage Haulers	98,212	111,171	154,619	157,757	109,110	144.59%
Total Wastewater Collection	1,686,127	1,789,575	1,775,388	1,833,745	1,763,733	103.97%
% Change from previous year		6.14%	-0.79%	3.29%	_	
Wastewater Collect rate increase					0	
- average						



Grand Rapids Public Utilities

Electric Service Billing Summary 2021 -	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Item 11.
Billing Units		1	1		,		1		1	I			
emand (kW) (15 minute)	25,636	26,356	23,096	20,772	23,324	31,612	30,680	31,868	23,328	20,976	23,744	26,604	307,996
oincident Peak (60 Minute) prior month	24,253	23,581	23,739	22,516	19,668	22,060	27,914	30,278	29,493	21,511	19,391	23,134	287,538
nergy (kWh)	14,643,440	14,049,560	12,777,080	11,519,360	11,660,800	13,964,280	14,577,280	14,363,280	11,954,200	12,060,640	12,846,960	14,913,560	159,330,440
xcess Reactive Kvar									į				
Billing month (days)	31	28	31	30	31	30	31	31	30	31	30	31	365
oad Factor (%)	76.8%	79.3%	74.4%	77.0%	67.2%	61.4%	63.9%	60.6%	71.2%	77.3%	75.1%	75.3%	
Demand Charge													
Service Charge	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	
Generation Capacity Charge	\$19.10	\$19.10	\$19.10	\$19.10	\$19.10	\$19.10	\$19.10	\$19.10	\$19.10	\$19.10	\$19.10	\$19.10	
excess Reactive Demand chg	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	
Generation Cap Charge less than 115 kV	0	0	0		0	0	0	0	0	0	0	0	
Energy Charge													
All kWh (\$/kWh)	\$0.02075	\$0.02075	\$0.02075	\$0.02075	\$0.02075	\$0.02075	\$0.02075	\$0.02075	\$0.02075	\$0.02075	\$0.02075	\$0.02075	
	***************************************			***************************************									
Adjustment Charges													
Monthly Energy Adj (\$/kWh)							-		 				
Monthly Energy Tru Up (Prior Month)										•			
Resale Energy Adjustment	\$0.004072	\$0.006561	\$0.010299	\$0.004846	\$0.014646	\$0.006079	\$0.021098	\$0.013569	\$0.015724	\$0.020917	\$0.025221	\$0.026042	
/IISO Charges (\$/kW)													
Sch 1 - Sched system control & dispatch	\$0.029	\$0.231	\$ 0.231	\$0.231	\$0.231	\$0.231	\$0.231	\$0.231	\$0.231	\$0.231	\$0.231	\$0.231	
Sch 7 - HVDC firm transmission charge	\$0.655	\$0.642	\$ 0.554	\$0.654	\$0.689	\$0.706	\$0.626	\$0.621	\$0.636	\$0.686	\$0.701	\$0.633	
Sch 8 - HVDC non-firm transm charge	\$0.000	\$0.000	\$ 0.031	\$0.000	\$0.000	\$0.068	\$0.000	\$0.051	\$0.004	\$0.000	\$0.000	\$0.000	
Sch 9 - AC zonal transmission charge	\$3.905	\$4.555	\$ 4.555	\$4.555	\$4.555	\$4.555	\$4.555	\$4.555	\$4.555	\$4.555	\$4.555	\$4.555	
Sch 10 - AC administrative charge	\$0.172	\$0.153	\$ 0.124	\$0.174	\$0.164	\$0.163	\$0.138	\$0.111	\$0.136	\$0.146	\$0.173	\$0.155	
Sch 35 - HVDC administrative charge	\$0.021	\$0.018	\$ 0.014	\$0.021	\$0.023	\$0.019	\$0.016	\$0.011	\$0.014	\$0.018	\$0.021	\$0.017	
Sch 26 - Network upgrade / transm planning	\$0.807	\$0.980	\$ 0.980	\$0.980	\$0.980	\$0.980	\$0.980	\$0.980	\$0.980	\$0.980	\$0.980	\$0.980	
Sch 26A - Multi-value project cost recovery	\$1.221	\$1.251	\$ 1.139	\$1.266	\$1.170	\$1.245	\$1.156	\$1.397	\$1.187	\$1.189	\$1.379	\$1.317	
Sch 45 - NERC ALERT	\$0.437	\$0.456	\$ 0.397	\$0.457	\$0.454	\$0.483	\$0.439	\$0.447	\$0.441	\$0.425	\$0.466	\$0.439	
Sub total	\$7.247	\$8.286	\$8.025	\$8.338	\$8.266	\$8.450	\$8.141	\$8.404	\$8.184	\$8.230	\$8.506	\$8.327	
							l .		l .				
incillary- reactive supply,voltage conrol sch 2	0.1620	0.1810	\$ 0.181	0.1810	0.1810	0.1810	0.1810	0.1810	0.1810	0.2500	0.2500	0.2490	
Regulation & Frequency schedule 3	0.00	0	0	0	0	0	0	0	0	0	0	0	
Operating reserve Schedule 5	0.00	0	0	0	0	0	0	0	0	0	0	0	
Operating Reserve Schedule 6	0.00	0	0	0	0	0	0	0	0	0	0	0	
Sub total													
Oub total	\$0.162	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.250	\$0.250	\$0.249	
oub total	\$0.162	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.250	\$0.250	\$0.249	
	\$0.162	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.181	\$0.250	\$0.250	\$0.249	
Electric Service Billing Service Charge	\$0.162 \$1,175.00	\$0.181 \$1,175.00	\$0.181 \$1,175.00	\$0.181 \$1,175.00	\$0.181 \$1,175.00	\$0.181 \$1,175.00	\$0.181 \$1,175.00	\$0.181 \$1,175.00	\$0.181 \$1,175.00	\$0.250 \$1,175.00	\$0.250 \$1,175.00	\$0.249 \$1,175.00	
Electric Service Billing													\$0.00
Electric Service Billing Service Charge	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$1,175.00	\$0.00 \$5,882,723.60
Electric Service Billing Service Charge xxxess Reactive Demand Chg	\$1,175.00 \$0.00 \$489,647.60	\$1,175.00 \$0.00 \$503,399.60	\$1,175.00 \$0.00 \$441,133.60	\$1,175.00 \$0.00 \$396,745.20	\$1,175.00 \$0.00 \$445,488.40	\$1,175.00 \$0.00 \$603,789.20	\$1,175.00 \$0.00 \$585,988.00	\$1,175.00 \$0.00 \$608,678.80	\$1,175.00 \$0.00 \$445,564.80	\$1,175.00 \$0.00 \$400,641.60	\$1,175.00 \$0.00 \$453,510.40	\$1,175.00 \$0.00 \$508,136.40	\$5,882,723.60 \$0.00
Electric Service Billing Service Charge xxxess Reactive Demand Chg	\$1,175.00 \$0.00	\$1,175.00 \$0.00	\$1,175.00 \$0.00	\$1,175.00 \$0.00	\$1,175.00 \$0.00	\$1,175.00 \$0.00	\$1,175.00 \$0.00	\$1,175.00 \$0.00	\$1,175.00 \$0.00 \$445,564.80	\$1,175.00 \$0.00	\$1,175.00 \$0.00 \$453,510.40	\$1,175.00 \$0.00 \$508,136.40	\$5,882,723.60 \$0.00
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge	\$1,175.00 \$0.00 \$489,647.60	\$1,175.00 \$0.00 \$503,399.60	\$1,175.00 \$0.00 \$441,133.60	\$1,175.00 \$0.00 \$396,745.20	\$1,175.00 \$0.00 \$445,488.40	\$1,175.00 \$0.00 \$603,789.20	\$1,175.00 \$0.00 \$585,988.00	\$1,175.00 \$0.00 \$608,678.80	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80	\$1,175.00 \$0.00 \$400,641.60	\$1,175.00 \$0.00 \$453,510.40	\$1,175.00 \$0.00 \$508,136.40	\$5,882,723.60 \$0.00
Electric Service Billing service Charge xoess Reactive Demand Chg lemand charge Total Demand Cost	\$1,175.00 \$0.00 \$489,647.60	\$1,175.00 \$0.00 \$503,399.60	\$1,175.00 \$0.00 \$441,133.60	\$1,175.00 \$0.00 \$396,745.20	\$1,175.00 \$0.00 \$445,488.40	\$1,175.00 \$0.00 \$603,789.20	\$1,175.00 \$0.00 \$585,988.00	\$1,175.00 \$0.00 \$608,678.80	\$1,175.00 \$0.00 \$445,564.80	\$1,175.00 \$0.00 \$400,641.60	\$1,175.00 \$0.00 \$453,510.40	\$1,175.00 \$0.00 \$508,136.40	\$5,882,723.60 \$0.00
Electric Service Billing service Charge excess Reactive Demand Chg lemand charge Total Demand Cost	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528,37	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72	\$1,175,00 \$0.00 \$445,488,40 \$446,663,40 \$241,961,60	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37	\$5,882,723.60 \$0.00 \$5,882,723.6 \$3,306,106
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60	\$1,175.00 \$0.00 \$503,399.60 \$504,574.60	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20	\$1,175.00 \$0.00 \$585,988.00	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40	\$5,882,723.60 \$0.00 \$5,882,723.60 \$3,306,106.
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528,37	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72	\$1,175,00 \$0.00 \$445,488,40 \$446,663,40 \$241,961,60	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37	\$5,882,723.60 \$0.00 \$5,882,723.60 \$3,306,106.
Electric Service Billing service Charge service Charge service Charge service Charge service Charge Total Demand Cost service Billing Total Demand Cost Service Billing Servic	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38	\$1,175.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37	\$5,882,723.60 \$0.00 \$5,882,723.6 \$3,306,106 \$3,306,106
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Energy Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34	\$1,175,00 \$0.00 \$503,399,60 \$504,574.60 \$291,528.37 \$291,528.37	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37	\$5,882,723.60 \$0.00 \$5,882,723.6 \$3,306,106 \$0 \$3,306,106
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost For Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34 \$15,885.72	\$1,175,00 \$0,00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139.00	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106 \$0. \$3,306,106 \$1,522.17 \$186,055.01
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34 \$15,885.72 \$0.00	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139,00 \$0.00	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$6,994.22 \$18,802.64 \$1,544.18	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$6,812.88 \$18,757.55 \$117.97	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00	\$5,882,723.60 \$0.00 \$5,882,723.6i \$3,306,106 \$0. \$3,306,106. \$61,522.17 \$186,055.01 \$3,898.14
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34 \$15,885.72	\$1,175,00 \$0,00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139.00	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$15,994.22 \$18,802.64 \$1,544.18 \$137,916.29	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$6,812.88 \$18,757.55 \$117.97 \$134,340.62	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37	\$5,882,723.60 \$0.00 \$5,882,723.6 \$3,306,106 \$0 \$3,306,106 \$61,522.17 \$186,055.01 \$3,388.14 \$1,293,971.17
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Finergy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 8 Scheduling, Control, dispatch schedule 1 Administrative schedule 10	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$94,707.97 \$4,171.52	\$1,175.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100,483.30 \$3,595.78	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$6,994.22 \$18,802.64 \$1,544.18 \$137,916.29 \$3,360.86	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$6,812.88 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$14,643.82 \$0.00 \$105,375.37 \$3,585.77	\$5,882,723.60 \$0.00 \$5,882,723.66 \$3,306,106. \$0. \$3,306,106. \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 TO Schedule 8 Scheduling, Control, dispatch schedule 1 Administrative schedule 10 DC Administrative Schedule 35	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$303,851,38 \$703,34 \$15,885,72 \$0,00 \$4,707,97 \$4,171,52 \$509,31	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139,00 \$0.00 \$107,411,46 \$3,607,89 \$424,46	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$15,574.36 \$10,483.30 \$3,595.78 \$419.14	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$6,994.22 \$18,802.64 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$6,812.88 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$60.00 \$105,375.37 \$3,585.77 \$393.28	\$5,882,723.60 \$0.00 \$5,882,723.6i \$3,306,106. \$0. \$3,306,106. \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.72 \$42,767.22 \$4,990.73
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Energy Cost Total Energy Cost MISO Charges Zonal Schedule 7 ZO Schedule 7 ZO Schedule 8 Scheduling, Control, dispatch schedule 1 Administrative schedule 10 ZO Administrative Schedule 35 Fransmission Schedule 26	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$94,707.97 \$4,171.52 \$509.31 \$19,572.17	\$1,175,00 \$0.00 \$503,399,60 \$504,574.60 \$291,528.37 \$291,528.37 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81 \$5,095.86 \$15,574.36 \$1,570.008 \$100,483.30 \$3,595.78 \$419.14 \$21,618.80	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$1,37,916.29 \$3,360.86 \$333.06 \$29,672.44	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$117.97 \$134,340.62 \$4011.05 \$412.90 \$28,903.14	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18	\$1,175,00 \$0,00 \$508,136,40 \$509,311,40 \$309,456,37 \$309,456,37 \$5,343,95 \$14,643,82 \$0,00 \$105,375,37 \$3,865,77 \$393,28 \$22,671,32	\$5,882,723.60 \$0.00 \$5,882,723.60 \$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,990.73 \$27,7591.47
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8 DC Administrative schedule 10 DC Administrative Schedule 25 Transmission Schedule 26 N/P- Schedule 26A	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$4,707.97 \$4,171.52 \$509.31 \$19,572.17 \$29,612.91	\$1,175.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37 \$291,528.37 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100.483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$13,94.22 \$18,802.64 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,76.58	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$309,456.37 \$14,643.82 \$0.00 \$105.375.37 \$3,585.77 \$393.28 \$22,671.32 \$30,467.48	\$5,882,723.60 \$0.00 \$5,882,723.6 \$3,306,106 \$0 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8 Scheduling, Control, dispatch schedule 1 diministrative schedule 10 DC Administrative Schedule 25 Transmission Schedule 26 MVP- Schedule 26	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$4,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139,00 \$0.00 \$107,411,46 \$3,607.89 \$424,46 \$23,109,38 \$29,499,83 \$10,752,94	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$22,8505.26 \$10,289.81	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100.483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$60.00 \$106,375.37 \$3,585.77 \$393.28 \$2,671.32 \$30,467.48 \$10,155.83	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106 \$0. \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8 DC Administrative schedule 10 DC Administrative Schedule 25 Transmission Schedule 26 N/P- Schedule 26A	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$4,707.97 \$4,171.52 \$509.31 \$19,572.17 \$29,612.91	\$1,175.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37 \$291,528.37 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100.483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$13,94.22 \$18,802.64 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,76.58	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$60.00 \$106,375.37 \$3,585.77 \$393.28 \$2,671.32 \$30,467.48 \$10,155.83	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106 \$0. \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8 Scheduling, Control, dispatch schedule 1 diministrative schedule 10 DC Administrative Schedule 25 Transmission Schedule 26 MVP- Schedule 26	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$4,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139,00 \$0.00 \$107,411,46 \$3,607.89 \$424,46 \$23,109,38 \$29,499,83 \$10,752,94	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$22,8505.26 \$10,289.81	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100.483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$60.00 \$106,375.37 \$3,585.77 \$393.28 \$2,671.32 \$30,467.48 \$10,155.83	\$5,882,723.60 \$0.00 \$5,882,723.6 \$3,306,106 \$0 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,779.07
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8 Scheduling, Control, dispatch schedule 1 Administrative schedule 10 DC Administrative Schedule 25 Transmission Schedule 26 MVP- Schedule 26	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$4,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139,00 \$0.00 \$107,411,46 \$3,607.89 \$424,46 \$23,109,38 \$29,499,83 \$10,752,94	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$22,8505.26 \$10,289.81	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100.483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$60.00 \$106,375.37 \$3,585.77 \$393.28 \$2,671.32 \$30,467.48 \$10,155.83	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106 \$0. \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8 Scheduling, Control, dispatch schedule 1 didministrative schedule 10 DC Administrative Schedule 25 Transmission Schedule 26 MVP- Schedule 26 AVP- Schedule 26A JERC ALERT - Sch 45 Total MISO Cost Ancillary Charges	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$4,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139,00 \$0.00 \$107,411,46 \$3,607.89 \$424,46 \$23,109,38 \$29,499,83 \$10,752,94	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$22,8505.26 \$10,289.81	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100.483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$60.00 \$106,375.37 \$3,585.77 \$393.28 \$2,671.32 \$30,467.48 \$10,155.83	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106 \$0. \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Energy Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 OC Schedule 7 OC Schedule 8 Schedule 10 OC Administrative Schedule 10 OC Administrative Schedule 35 Fransmission Schedule 26 AVP- Schedule 26A VIERC ALERT - Sch 45 Total MISO Cost	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$4,707.97 \$4,171.52 \$509.31 \$19,572.17 \$29,612.91 \$10,598.56 \$175,761.50	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139,00 \$0.00 \$107,411,46 \$3,607,89 \$424,46 \$23,109,38 \$29,499,83 \$10,752,94 \$195,392,17	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81	\$1,175.00 \$0.00 \$445,485.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$15,574.36 \$10,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355,72 \$22,268.58 \$12,254.25 \$227,247.86	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$106,375.37 \$3,885.77 \$393.28 \$22,671.32 \$30,467.48 \$10,155.83	\$5,882,723.60 \$0.00 \$5,882,723.6i \$3,306,106 \$0. \$3,306,106 \$1,522.17 \$186,055.01 \$3,398.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,779.07 \$2,356,067.3
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8 Schedule 8 Schedule 9 DC Sch	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$4,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56 \$175,761,50	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41	\$1,175,00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100.483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$5,338.23	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$3,585.77 \$339.28 \$2,671.32 \$30,467.48 \$10,155.83 \$10,155.83 \$10,556.82	\$5,882,723.60 \$0.00 \$5,882,723.66 \$3,306,106 \$0. \$3,306,106 \$1,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,779.07 \$2,356,067.33
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 10 DC Administrative Schedule 10 DC Administrative Schedule 25 Transmission Schedule 26 MYP- Schedule 26 MERC ALERT - Sch 45 Total MISO Cost Ancillary Charges Beactive supply,volt control sch 2 Regulation & Frequency schedule 3 Deperating reserve Schedule 3 Deperating reserve Schedule 3 Deperating reserve Schedule 3 Deperating reserve Schedule 3	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$94,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56 \$175,761,50	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86	\$1,175.00 \$0.00 \$609,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$7,982.61 \$3,140.61 \$3,140.61 \$3,140.61 \$3,140.61 \$1,080.78 \$25,576.58 \$9,142.18 \$177,035.55	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$3,585.77 \$339.28 \$2,671.32 \$30,467.48 \$10,155.83 \$10,155.83 \$10,556.82	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$42,907.37 \$277,591.47 \$357,492.37 \$127,779.07 \$2,356,067.33
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 10 DC Administrative Schedule 10 DC Administrative Schedule 25 Transmission Schedule 26 MYP- Schedule 26 MERC ALERT - Sch 45 Total MISO Cost Ancillary Charges Beactive supply,volt control sch 2 Regulation & Frequency schedule 3 Deperating reserve Schedule 3 Deperating reserve Schedule 3 Deperating reserve Schedule 3 Deperating reserve Schedule 3	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$4,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56 \$175,761,50	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447,21 \$15,139,00 \$0.00 \$107,411,46 \$3,607,89 \$424,46 \$23,109,38 \$29,499,83 \$10,752,94 \$195,392,17	\$1,175,00 \$0.00 \$441,133,60 \$442,308,60 \$265,124,41 \$265,124,41 \$5,483,71 \$13,151,41 \$735,91 \$108,131,15 \$2,943,64 \$332,35 \$23,264,22 \$27,038,72 \$9,424,38 \$190,505,49	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,298.81 \$187,738.41	\$1,175.00 \$0.00 \$445,485.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100.483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$18,757.55 \$117.97 \$134,340.62 \$4,011.06 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$3,87.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$60.00 \$105,375.37 \$3,585.77 \$393.28 \$2,2671.32 \$30,467.48 \$10,155.83 \$10,155.83	\$5,882,723.60 \$0.00 \$5,882,723.66 \$3,306,106 \$0. \$3,306,106 \$1,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,779.07 \$2,356,067.33
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8 Schedule 10 DC Administrative Schedule 10 DC Administrative Schedule 35 Transmission Schedule 26 AVP- Schedule 26A UREC ALERT - Sch 45 Total MISO Cost Ancillary Charges eactive supply.volt control sch 2 Regulation & Frequency schedule 3 Deperating reserve Schedule 5 Deperating Reserve Schedule 5 Deperating Reserve Schedule 6	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$94,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56 \$175,761,50	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86	\$1,175.00 \$0.00 \$609,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$3,585.77 \$339.28 \$2,671.32 \$30,467.48 \$10,155.83 \$10,155.83 \$10,556.82	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106. \$3,306,106. \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,997.32 \$2,77,591.47 \$357,492.37 \$127,779.07 \$2,356,067.33
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 7 OC Schedule 7 7 OC Schedule 10 DC Administrative schedule 10 DC Administrative Schedule 26 MISO Cost August Schedule 26 MISO Cost Schedule 10 DC Administrative Schedule 35 Transmission Schedule 26 MISO Cost Ancillary Charges Beactive supply,volt control sch 2 Regulation & Frequency schedule 3 Deperating reserve Schedule 5 Deperating Reserve Schedule 6 Total Ancillary Cost	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$4,707.97 \$4,171.52 \$509.31 \$19,572.17 \$29,612.91 \$10,598.56 \$175,761.50 \$3,928.99 \$0.00 \$0.00 \$0.00 \$3,928.99	\$1,175.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49 \$4,296.76 \$0.00 \$0.00 \$0.00 \$0.00 \$1,000 \$4,296.76	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41 \$4,075.40 \$0.00 \$0.00 \$0.00 \$4,075.40	\$1,175.00 \$0.00 \$445,485.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$15,574.36 \$10,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00 \$0.00 \$0.00 \$0.00 \$0.00 \$3,992.86	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$22,268.58 \$12,254.25 \$227,247.86	\$1,175.00 \$0.00 \$609,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$18,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55 \$0.00 \$0.00 \$0.00 \$0.00 \$5,377.75	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$3,585.77 \$339.28 \$2,671.32 \$30,467.48 \$10,155.83 \$10,155.83 \$10,556.82	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$42,907.37 \$277,591.47 \$357,492.37 \$127,779.07 \$2,356,067.33
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Interpretation of the Cost of the Cos	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$94,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56 \$175,761,50	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31 \$5,480.32 \$0.00 \$0.00 \$0.00 \$5,480.32	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$39.328 \$22,671.32 \$30,467.48 \$10,155.83 \$192,636.82	\$5,882,723.60 \$0.00 \$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,283,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,790 \$2,356,067.3
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 TO Schedule 8 Eschedule 7 TO Schedule 8 Eschedule 10 TO Administrative Schedule 10 Total MISO Cost Ancillary Charges Regulation & Frequency schedule 3 Departing reserve Schedule 3 Departing reserve Schedule 6 Total Ancillary Cost Monthly Energy Adj (Budget) Monthly Energy Adj (Budget) Monthly Energy Adj (Budget) Monthly Energy Adj Tru-UP Prior month	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$47,77.97 \$4,171.52 \$509.31 \$19,572.17 \$29,612.91 \$10,598.56 \$175,761.50 \$3,928.99 \$0.00 \$0.00 \$3,928.99	\$1,175.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37 \$291,528.37 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$1195,392.17 \$4,268.16 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$441,133.60 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49 \$4,296.76 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$11,075.40 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68 \$3,559.91 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00 \$3,992.86 \$0.00 \$0.00 \$0.00 \$3,992.86	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$302,478.56 \$127,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86 \$5,052.43 \$0.00 \$5,052.43 \$0.00 \$5,052.43 \$0.00 \$5,052.43	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$1,37,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31 \$5,480.32 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$29,903.14 \$35,008.19 \$13,006.41 \$241,370.71 \$5,338.23 \$0.00 \$0.00 \$5,338.23	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55 \$5,377.75 \$0.00 \$0.00 \$0.00 \$5,377.75	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85 \$4,847.75 \$0.00 \$0.00 \$0.00 \$4,847.75	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$3,585.77 \$393.28 \$22,671.32 \$10,155.83 \$10,155.83 \$10,155.83 \$10,556.82	\$5,882,723.6 \$0.00 \$5,882,723.6 \$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.1 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,779.07 \$2,356,067.3 \$55,978.93 \$0.00 \$0.00 \$55,978.93
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Energy Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 TO Schedule 7 DO Schedule 8 Schedule 7 DO Schedule 10 DOC Administrative Schedule 10 DOC Administrative Schedule 35 Transmission Schedule 26 M/P- Schedule 26A URP- Schedule 26A URP Costedule 30 UREC ALERT - Sch 45 Total MISO Cost Ancillary Charges Beactive supply,volt control sch 2 Regulation & Frequency schedule 3 Deperating reserve Schedule 6 Total Ancillary Cost Monthly Energy Adj (Budget) Monthly Energy Adj (Budget) Monthly Energy Adj (Tru-UP Prior month	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$703,34 \$15,885,72 \$0.00 \$94,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56 \$175,761,50 \$3,928,99 \$0.00 \$0.00 \$0.00 \$3,928,99 \$0.00	\$1,175,00 \$0.00 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49 \$4,296.76 \$0.00 \$0.00 \$0.00 \$4,296.76	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100.483.30 \$3,595.78 \$419.14 \$21,618.80 \$7,464.70 \$10,654.98 \$186,407.00 \$3,992.86 \$0.00 \$0.00 \$0.00 \$3,992.86	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$302,478.56 \$12,7474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86 \$5,052.43 \$0.00 \$0.00 \$5,052.43 \$0.00	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31 \$5,480.32 \$0.00 \$0.00 \$0.00 \$5,480.32	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71 \$5,338.23 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55 \$0.00 \$0.00 \$0.00 \$5,377.75	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85 \$4,847.75 \$0.00 \$0.00 \$0.00 \$4,847.75	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$3,43.95 \$14,643.82 \$0.00 \$105,375.37 \$3,885.77 \$393.28 \$22,671.32 \$30,467.48 \$10,155.83 \$10,155.83 \$10,263.82 \$5,760.37 \$0.00 \$0.00 \$0.00 \$0.00	\$5,882,723.6 \$0.00 \$5,882,723.6 \$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.1 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,779.07 \$2,356,067.3 \$55,978.93 \$0.00 \$0.00 \$55,978.93
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Intergy Cost MISO Charges Zonal Schedules 7-8-9 IC Schedule 7 IC Schedule 8 Icheduling, Control, dispatch schedule 1 Ichministrative schedule 10 IC Administrative Schedule 35 Iransmission Schedule 26 IVP- Schedule 26A IERC ALERT - Sch 45 I Total MISO Cost Ancillary Charges Beactive supply, volt control sch 2 Regulation & Frequency schedule 3 Interpretaing reserve Schedule 5 Interpretaing reserve Schedule 5 Interpretaing reserve Schedule 6 Interpretaing reserve Schedule 7 Interpretaing reserve Schedule 8 Interpretaing r	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$703,34 \$15,885,72 \$0,00 \$94,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56 \$175,761,50 \$3,928,99 \$0,00 \$0,00 \$0,00 \$59,064,69	\$1,175,00 \$0.00 \$503,399,60 \$503,399,60 \$504,574,60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17 \$4,268.16 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$96,075.61	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49 \$4,296.76 \$0.00 \$0.00 \$0.00 \$0.00 \$144,696.42	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41 \$4,075.40 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$61,917.73	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68 \$3,559.91 \$0.00 \$0.00 \$0.00 \$168,712.55	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00 \$0.00 \$0.00 \$0.00 \$0.00 \$70,886.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86 \$5,052.43 \$0.00 \$0.00 \$0.00 \$5,052.43	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31 \$5,480.32 \$0.00 \$0.00 \$0.00 \$197,799.11	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71 \$5,338.23 \$0.00 \$0.00 \$0.00 \$25,848.21	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55 \$0.00 \$0.00 \$0.00 \$5,377.75 \$0.00 \$0.00 \$0.00 \$5,377.75	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85 \$4,847.75 \$0.00 \$0.00 \$0.00 \$4,847.75	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$3,585.77 \$393.28 \$10,155.83 \$10,155.83 \$10,155.83 \$10,155.83 \$10,00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$334,560.53	\$5,882,723.6(\$0.00 \$5,882,723.6(\$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$2,356,067.3
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 TO Schedule 8 Eschedule 7 TO Schedule 8 Eschedule 10 TO Administrative Schedule 10 Total MISO Cost Ancillary Charges Regulation & Frequency schedule 3 Departing reserve Schedule 3 Departing reserve Schedule 6 Total Ancillary Cost Monthly Energy Adj (Budget) Monthly Energy Adj (Budget) Monthly Energy Adj (Budget) Monthly Energy Adj Tru-UP Prior month	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$47,77.97 \$4,171.52 \$509.31 \$19,572.17 \$29,612.91 \$10,598.56 \$175,761.50 \$3,928.99 \$0.00 \$0.00 \$3,928.99	\$1,175.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37 \$291,528.37 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$1195,392.17 \$4,268.16 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$265,124.41 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49 \$4,296.76 \$0.00 \$0.00 \$0.00 \$0.00 \$144,696.42	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$11,075.40 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$445,488.40 \$446,663.40 \$241,961.60 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68 \$3,559.91 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$289,758.81 \$5,095.86 \$15,574.36 \$1,500.08 \$100,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00 \$0.00 \$0.00 \$0.00 \$0.00 \$70,886.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$302,478.56 \$127,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86 \$5,052.43 \$0.00 \$5,052.43 \$0.00 \$5,052.43 \$0.00 \$5,052.43	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31 \$5,480.32 \$0.00 \$0.00 \$0.00 \$197,799.11	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71 \$5,338.23 \$0.00 \$0.00 \$0.00 \$0.00 \$25,848.21	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55 \$0.00 \$0.00 \$0.00 \$5,377.75	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85 \$4,847.75 \$0.00 \$0.00 \$0.00 \$4,847.75	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$3,585.77 \$393.28 \$10,155.83 \$10,155.83 \$10,155.83 \$10,155.83 \$10,00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$334,560.53	\$5,882,723.6(\$0.00 \$5,882,723.6(\$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$127,791.47 \$357,492.37 \$2,356,067.3
Electric Service Billing Service Charge Excess Reactive Demand Chg Jernand charge Total Demand Cost Total Energy Cost MISO Charges Zonal Schedules 7-8-9 DC Schedule 7 DC Schedule 8 Scheduling, Control, dispatch schedule 1 ddministrative schedule 10 DC Administrative Schedule 26 MPS Schedule 26A JERC ALERT - Sch 45 Total MISO Cost Ancillary Charges seactive supply,volt control sch 2 tegulation & Frequency schedule 3 Derating reserve Schedule 5 Departing Reserve Schedule 5 Departing Reserve Schedule 5 Departing Reserve Schedule 5 Departing Province Cost Anonthly Energy Adj (Budget) Monthly Energy Adj (Budget) Monthly Energy Adj Tru-Up Prior month Resale Energy Adjustment Total Monthly Energy Tru-Up Cost	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$4,707.97 \$4,171.52 \$509.31 \$19,572.17 \$29,612.91 \$10,598.56 \$175,761.50 \$3,928.99 \$0.00 \$0.00 \$0.00 \$0.00 \$59,064.69	\$1,175.00 \$0.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17 \$4,268.16 \$0.00 \$0.0	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49 \$4,296.76 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$144,696.42	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41 \$4,075.40 \$0.00 \$0.00 \$0.00 \$0.00 \$1,00	\$1,175.00 \$0.00 \$445,485.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68 \$3,359.91 \$0.00 \$0.00 \$0.00 \$0.00 \$166,712.55	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$15,574.36 \$10,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00 \$3,992.86 \$0.00 \$0.00 \$0.00 \$70,886.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$22,268.58 \$12,254.25 \$227,247.86 \$12,254.25 \$5,052.43 \$0.00 \$0.00 \$0.00 \$0.00 \$5,052.43 \$0.00 \$1,000	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31 \$5,480.32 \$0.00 \$0.00 \$0.00 \$197,799.11	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71 \$5,338.23 \$0.00 \$0.00 \$0.00 \$0.00 \$25,848.21	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5,377.75	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$304,181.40	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$39.28 \$22,671.32 \$30,467.48 \$10,155.83 \$192,636.82 \$5,760.37 \$0.00 \$0.00 \$0.00 \$0.00 \$100,334.560.53	\$5,882,723.60 \$0.00 \$5,882,723.6 \$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,779.07 \$2,356,067.3 \$55,978.93 \$0.00 \$0.00 \$55,978.93 \$0.00 \$219,070.77 \$2,208,406.63 \$0.00 \$1,989,335.8
Electric Service Billing Service Charge Excess Reactive Demand Chg Demand charge Total Demand Cost Interpretation of the Cost of the Cos	\$1,175,00 \$0.00 \$489,647,60 \$490,822,60 \$303,851,38 \$703,34 \$15,885,72 \$0,00 \$94,707,97 \$4,171,52 \$509,31 \$19,572,17 \$29,612,91 \$10,598,56 \$175,761,50 \$3,928,99 \$0,00 \$0,00 \$0,00 \$59,064,69	\$1,175.00 \$0.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17 \$4,268.16 \$0.00 \$0.0	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49 \$4,296.76 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$144,696.42	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41 \$4,075.40 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$61,917.73	\$1,175.00 \$0.00 \$445,485.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68 \$3,359.91 \$0.00 \$0.00 \$0.00 \$0.00 \$166,712.55	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$15,574.36 \$10,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00 \$3,992.86 \$0.00 \$0.00 \$0.00 \$70,886.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$6,448.13 \$17,474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$22,268.58 \$12,254.25 \$227,247.86 \$12,254.25 \$5,052.43 \$0.00 \$0.00 \$0.00 \$0.00 \$5,052.43 \$0.00 \$1,000	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31 \$5,480.32 \$0.00 \$0.00 \$0.00 \$0.00 \$197,799.11	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71 \$5,338.23 \$0.00 \$0.00 \$0.00 \$0.00 \$25,848.21	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5,377.75	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$304,181.40	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$39.328 \$22,671.32 \$30,467.48 \$10,155.83 \$192,636.82 \$5,760.37 \$0.00 \$0.00 \$0.00 \$0.00 \$100,334.560.53	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106. \$0.00 \$3,306,106. \$61,522.17 \$186,055.01 \$3,898.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$27,7591.47 \$357,490.73 \$127,779.07 \$2,356,067.33 \$55,978.93 \$0.00 \$0.00 \$55,978.93 \$0.00 \$22,08,406.63 \$0.00 \$11,989,335.86
Electric Service Billing envice Charge xxcess Reactive Demand Chg emand charge Total Demand Cost nergy Cost Total Energy Cost MISO Charges Conal Schedules 7-8-9 C Schedule 7 C Schedule 8 cheduling, Control, dispatch schedule 1 diministrative schedule 10 C Administrative schedule 35 ransmission Schedule 26 IVP- Schedule 26A ERC ALERT - Sch 45 Total MISO Cost Ancillary Charges eactive supply,volt control sch 2 egulation & Frequency schedule 3 perating reserve Schedule 5 perating Part of the Cost Ionthly Energy Adj (Budget) Ionthly Energy Adj (Budget) Ionthly Energy Adj (Budget) Ionthly Energy Adj ustment Total Monthly Energy Tru - Up Cost	\$1,175.00 \$0.00 \$489,647.60 \$490,822.60 \$303,851.38 \$303,851.38 \$703.34 \$15,885.72 \$0.00 \$4,707.97 \$4,171.52 \$509.31 \$19,572.17 \$29,612.91 \$10,598.56 \$175,761.50 \$3,928.99 \$0.00 \$0.00 \$0.00 \$0.00 \$59,064.69	\$1,175.00 \$0.00 \$0.00 \$503,399.60 \$504,574.60 \$291,528.37 \$291,528.37 \$5,447.21 \$15,139.00 \$0.00 \$107,411.46 \$3,607.89 \$424.46 \$23,109.38 \$29,499.83 \$10,752.94 \$195,392.17 \$4,268.16 \$0.00 \$0.0	\$1,175.00 \$0.00 \$441,133.60 \$442,308.60 \$265,124.41 \$5,483.71 \$13,151.41 \$735.91 \$108,131.15 \$2,943.64 \$332.35 \$23,264.22 \$27,038.72 \$9,424.38 \$190,505.49 \$4,296.76 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$144,696.42	\$1,175.00 \$0.00 \$396,745.20 \$397,920.20 \$239,026.72 \$239,026.72 \$5,201.20 \$14,725.46 \$0.00 \$102,560.38 \$3,917.78 \$472.84 \$22,065.68 \$28,505.26 \$10,289.81 \$187,738.41 \$4,075.40 \$0.00 \$0.00 \$0.00 \$0.00 \$1,00	\$1,175.00 \$0.00 \$445,485.40 \$446,663.40 \$241,961.60 \$4,543.31 \$13,551.25 \$0.00 \$89,587.74 \$3,225.55 \$452.36 \$19,274.64 \$23,011.56 \$8,929.27 \$162,575.68 \$3,359.91 \$0.00 \$0.00 \$0.00 \$0.00 \$166,712.55	\$1,175.00 \$0.00 \$603,789.20 \$604,964.20 \$289,758.81 \$5,095.86 \$15,574.36 \$15,574.36 \$10,483.30 \$3,595.78 \$419.14 \$21,618.80 \$27,464.70 \$10,654.98 \$186,407.00 \$3,992.86 \$0.00 \$0.00 \$0.00 \$70,886.00	\$1,175.00 \$0.00 \$585,988.00 \$587,163.00 \$302,478.56 \$302,478.56 \$302,478.56 \$12,7474.16 \$0.00 \$127,148.27 \$3,852.13 \$446.62 \$27,355.72 \$32,268.58 \$12,254.25 \$227,247.86 \$512,254.25 \$227,247.86 \$5,052.43 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5,052.43 \$0.00 \$1,	\$1,175.00 \$0.00 \$608,678.80 \$609,853.80 \$298,038.06 \$298,038.06 \$298,038.06 \$1,544.18 \$137,916.29 \$3,360.86 \$333.06 \$29,672.44 \$42,298.37 \$13,534.25 \$254,456.31 \$5,480.32 \$0.00 \$0.00 \$0.00 \$0.00 \$197,799.11	\$1,175.00 \$0.00 \$445,564.80 \$446,739.80 \$248,049.65 \$248,049.65 \$13,757.55 \$117.97 \$134,340.62 \$4,011.05 \$412.90 \$28,903.14 \$35,008.19 \$13,006.41 \$241,370.71 \$5,338.23 \$0.00 \$0.00 \$0.00 \$0.00 \$25,648.21 \$225,848.21	\$1,175.00 \$0.00 \$400,641.60 \$401,816.60 \$250,258.28 \$250,258.28 \$4,969.04 \$14,756.55 \$0.00 \$97,982.61 \$3,140.61 \$387.20 \$21,080.78 \$25,576.58 \$9,142.18 \$177,035.55 \$9,000 \$0.00 \$0.00 \$5,377.75 \$0.00 \$0.00 \$5,377.75 \$1,084,534.18	\$1,175.00 \$0.00 \$453,510.40 \$454,685.40 \$266,574.42 \$266,574.42 \$4,479.32 \$13,593.09 \$0.00 \$88,326.01 \$3,354.64 \$407.21 \$19,003.18 \$26,740.19 \$9,036.21 \$164,939.85 \$4,847.75 \$0.00 \$0.00 \$0.00 \$304,181.40 \$304,181.40	\$1,175.00 \$0.00 \$508,136.40 \$509,311.40 \$309,456.37 \$309,456.37 \$5,343.95 \$14,643.82 \$0.00 \$105,375.37 \$3,585.77 \$339.28 \$22,671.32 \$30,467.48 \$10,155.83 \$192,636.82 \$192,636.82	\$5,882,723.60 \$0.00 \$5,882,723.61 \$3,306,106 \$3,306,106 \$61,522.17 \$186,055.01 \$3,398.14 \$1,293,971.17 \$42,767.22 \$4,990.73 \$277,591.47 \$357,492.37 \$127,779.07 \$2,356,067.33 \$0.00 \$0.00 \$55,978.93 \$0.00 \$0.00 \$55,978.93 \$0.00 \$1,989,335.81

	January	February	March	April	May	June	July	August	September	October	November	December	1
	oundary .	Cordary	march	Артіі	may	ounc	outy	August	Осртспівсі	October	NOVELLIBEL	December	
2017	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
Billing Units													
Demand (kW) (15 minute)	29,024	26,296	25,092	22,680	21,796	24,072	28,864	27,880	25,552	22,496	24,816	27,952	306,520
Coincident Peak (60 Minute) prior month	27,297	28,099	25,377	24,728	21,282	19,704	21,949	26,232	27,386	25,203	21,332	23,174	291,763
Energy (kWh)	16,128,880	13,698,800	14,661,080	12,579,120	12,332,320	12,691,160	14,230,240	13,495,160	12,488,000	12,602,640	13,996,160	16,072,480	164,976,040
Subtotal Monthly Electric Billing Allocation of MP contract extension lump	\$1,058,994.84	\$968,046.45	\$939,499.78	\$857,021.91	\$819,654.10	\$815,694.09	\$968,327.50	\$967,659.02	\$990,570.79	\$856,934.73	\$868,626.70	\$996,109.80	\$11,107,139.71
sum payment \$1,440,125 (3.42xkW)	(\$23,725.16)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$23,725.16)
Coincident Peak Corrections (Sept 2016, Oct 2016, Jan 2017, Feb 2017)	\$0.00	\$0.00	\$0.00	(\$27,219.58)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$27,219.58)
2016 non-fuel energy true-up	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$17,264.89)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$17,264.89)
FERC ROE Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$47,348.89)	\$0.00	\$0.00	\$0.00	(\$47,348.89)
Total Electric billing	\$1,035,269.68	\$968,046.45	\$939,499.78	\$829,802.33	\$819,654.10	\$815,694.09	\$951,062.61	\$967,659.02	\$943,221.90	\$856,934.73	\$868,626.70	\$996,109.80	\$10,991,581.19
Effective Electric Rate (¢/kWh)-2017	6.42	7.07	6.41	6.60	6.65	6.43	6.68	7.17	7.55	6.80	6.21	6.20	6.66
2018	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
Billing Units	00.000	00.001	00.001	00.010	00.401	00.700	07.00	00.000	04 100	04.621	04.000	05.010	200 212
Demand (kW) (15 minute) Coincident Peak (60 Minute) prior month	28,000 27,362	26,324 26,325	23,284 25,465	23,040 20,956	28,464 22,708	26,732 24,906	27,988 26,545	29,960 27,011	24,428 29.583	21,484 22,146	24,260 19,646	25,248 22,417	309,212 295.070
Energy (kWh)	16,104,840	14,088,000	13.698.400	12.598.560	12,377,840	12,671,200	14.388.280	14.053.240	12,089,880	12,669,920	13.683.680	14.494.720	162,918,560
Subtotal Monthly Electric Billing	\$1,008,276.39	\$929.069.32	\$857,969.31	\$815.103.88	\$887,512.86	\$905.085.72	\$1,015,563.63	\$1.082.068.24	\$968,467.12	\$855.712.32	\$893.553.43	\$950.411.28	\$11,168,793.50
Cubician mentiny License Dinning	\$1,000,Z10.00	4020,000.02	\$007,000.01	ψο τος τουίου	\$007,012.00	\$000,000.72	\$1,010,000.00	\$1,002,000.2 1	\$000,10111 <u>2</u>	4000 ,1 12.02	\$000,000.10	\$550,11 HZ5	ψ. 1,100,100.00
Total Electric billing	\$1,008,276.39	\$929,069.32	\$857,969.31	\$815,103.88	\$887,512.86	\$905,085.72	\$1,015,563.63	\$1,082,068.24	\$968,467.12	\$855,712.32	\$893,553.43	\$950,411.28	\$11,168,793.50
Effective Electric Rate (¢/kWh)-2018	6.26	6.59	6.26	6.47	7.17	7.14	7.06	7.70	8.01	6.75	6.53	6.56	6.86
2019	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
Billing Units Demand (kW) (15 minute)	28,452	26,204	24,420	21,872	21.656	24.392	29,488	27,460	23,224	21.744	24.352	26,296	299,560
Coincident Peak (60 Minute) prior month	23,154	27,522	24,462	24,218	21,047	16,833	29,466	27,460	26,166	20,057	20,208	24,268	275,752
Energy (kWh)	15,812,960	13,941,120	13,717,120	11,958,440	11,673,240	11,762,160	14,229,320	13,165,240	11,707,120	12,512,280	13.385.120	14.791.920	158,656,040
Subtotal Monthly Electric Billing	\$1,053,751.23	\$1,010,360.57	\$981,822.62	\$889,235.62	\$808,349.83	\$807,740.69	\$1,029,100.82	\$1,105,540.11	\$894,440.27	\$804,293.15	\$846,922.55	\$979,651.63	\$11,211,209.09
Total Electric billing	\$1,053,751.23	\$1,010,360.57	\$981,822.62	\$889,235.62	\$808,349.83	\$807,740.69	\$1,029,100.82	\$1,105,540.11	\$894,440.27	\$804,293.15	\$846,922.55	\$979,651.63	\$11,211,209.09
Effective Electric Rate (¢/kWh)-2019	6.66	7.25	7.16	7.44	6.92	6.87	7.23	8.40	7.64	6.43	6.33	6.62	7.07
	1 1					1				1			
2020	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
Billing Units										i			
Demand (kW) (15 minute)	25,820	26,084	22,276	20,208	21,304	28,076	30,004	27,396	22,248	22,120	23,148	24,920	293,604
Coincident Peak (60 Minute) prior month	21,256	25,165	24,794	20,160	19,622	16,126	25,732	26,890	23,642	21,458	20,745	22,348	267,938
Energy (kWh)	14,953,360	13,748,200	13,045,600	11,386,520	10,930,160	12,166,160	14,493,320	13,814,240	11,815,720	12,889,520	12,731,240	14,505,080	156,479,120
Subtotal Monthly Electric Billing	\$932,922.78	\$927,593.49	\$818,790.19	\$715,990.86	\$707,281.69	\$886,022.04	\$1,130,010.36	\$1,116,334.81	\$939,205.78	\$938,660.49	\$948,252.06	\$1,009,194.27	\$11,070,258.82
Total Electric hilling	\$932 922 78	\$927 593 49	\$818 790 19	\$715 990 86	\$707 281 69	\$886 022 04	\$1 130 010 36	\$1 116 334 81	\$939 205 78	\$938 660 49	\$948 252 06	\$1 009 194 27	\$11 070 258 82
Total Electric billing Effective Electric Rate (¢/kWh)-2020	\$932,922.78 6.24	\$927,593.49 6.75	\$818,790.19 6.28	\$715,990.86 6.29	\$707,281.69 6.47	\$886,022.04 7.28	\$1,130,010.36 7.80	\$1,116,334.81 8.08	\$939,205.78 7.95	\$938,660.49 7.28	\$948,252.06 7.45	\$1,009,194.27 6.96	\$11,070,258.82 7.07
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	6.24							. , .,					
Effective Electric Rate (¢/kWh)-2020	6.24	6.75	6.28	6.29	6.47	7.28	7.80	8.08	7.95	7.28	7.45	6.96	7.07
Effective Electric Rate (e/kWh)-2020 2021 Billing Units Demand (kW) (15 minute)	6.24 Jan-21	6.75 Feb-21	6.28 Mar-21	6.29 Apr-21	6.47 May-21	7.28 Jun-21 31,612	7.80 Jul-21 30,680	8.08 Aug-21	7.95 Sep-21	7.28 Oct-21	7.45 Nov-21	6.96 Dec-21	7.07 Total
Effective Electric Rate (e/kWh)-2020 2021 Billing Units Demand (kW) (15 minute) Coincident Peak (60 Minute) prior month	6.24 Jan-21 25,636 24,253	6.75 Feb-21 26,356 23,581	6.28 Mar-21 23,096 23,739	6.29 Apr-21 20,772 22,516	6.47 May-21 23,324 19,668	7.28 Jun-21 31,612 22,060	7.80 Jul-21 30,680 27,914	8.08 Aug-21 31,868 30,278	7.95 Sep-21 23,328 29,493	7.28 Oct-21 20,976 21,511	7.45 Nov-21 23,744 19,391	6.96 Dec-21 26,604 23,134	7.07 Total 307,996 287,538
Effective Electric Rate (e/kWh)-2020 2021 Billing Units Demand (kW) (15 minute) Coincident Peak (60 Minute) prior month Energy (kWh)	6.24 Jan-21 25,636 24,253 14,643,440	6.75 Feb-21 26,356 23,581 14,049,560	6.28 Mar-21 23,096 23,739 12,777,080	6.29 Apr-21 20,772 22,516 11,519,360	6.47 May-21 23,324 19,668 11,660,800	7.28 Jun-21 31,612 22,060 13,964,280	7.80 Jul-21 30,680 27,914 14,577,280	8.08 Aug-21 31,868 30,278 14,363,280	7.95 Sep-21 23,328 29,493 11,954,200	7.28 Oct-21 20,976 21,511 12,060,640	7.45 Nov-21 23,744 19,391 12,846,960	6.96 Dec-21 26,604 23,134 14,913,560	7.07 Total 307,996 287,538 159,330,440
Effective Electric Rate (e/kWh)-2020 2021 Billing Units Demand (kW) (15 minute) Coincident Peak (60 Minute) prior month	6.24 Jan-21 25,636 24,253	6.75 Feb-21 26,356 23,581	6.28 Mar-21 23,096 23,739	6.29 Apr-21 20,772 22,516	6.47 May-21 23,324 19,668 11,660,800 \$1,023,473.14	7.28 Jun-21 31,612 22,060	7.80 Jul-21 30,680 27,914	8.08 Aug-21 31,868 30,278	7.95 Sep-21 23,328 29,493	7.28 Oct-21 20,976 21,511	7.45 Nov-21 23,744 19,391	6.96 Dec-21 26,604 23,134	7.07 Total 307,996 287,538
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GRAND RAPIDS PUBLIC UTILITIES COMMISSION AGENDA ITEM

AGENDA DATE: January 11, 2022

AGENDA ITEM: Consider a motion to approve an increase in the fixed asset capitalization

amount from \$1,000 to \$5,000 effective January 1, 2022.

PREPARED BY: Jean Lane, Business Services Manager

BACKGROUND:

The Grand Rapids Public Utilities has used a \$1,000 threshold to capitalize a fixed (capital) asset for many years.

Capital assets are defined as land, improvements to land, easements, buildings, building improvements, vehicles, machinery, equipment, infrastructure, and all other tangible or intangible assets that are used in operations and that have initial useful lives extending beyond a single financial reporting period.

As a practical application of the materiality principle, not all tangible capital-type items with useful lives extending beyond a single reporting period are required to be reported as a capital asset. Items of small monetary value are properly reported as an "expense" in the period in which they are acquired.

The monetary criterion used to determine whether a given asset should be reported as a capital asset is known as the capitalization threshold. Over time inflation takes effect and governmental units must determine the financial cut-off that designates a capital asset.

The Government Finance Officer Association (GFOA) best practices for capitalization thresholds for capital assets were part of my review and recommendation process.

After conversations internally with the management team and externally with the independent auditors I recommend the Grand Rapids Public Utilities threshold to capitalize a fixed asset is increased from \$1,000 to \$5,000 starting January 1, 2022.

RECOMMENDATION:

Consider a motion to approve an increase in the Grand Rapids Public Utilities fixed asset capitalization threshold from \$1,000 to \$5,000 starting January 1, 2022.



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ELECTRIC DEPARTMENT MONTHLY REPORT January 2022 Commission Meeting

<u>Safety</u>

There were no OSHA recordable accidents last month.

Demand Threshold and Power Usage for past month

• The attached graph shows the system load with demand threshold for the past month.

Reliability Last Month

• The attached eReliability report shows that we had 4 outages during the month.

Projects Performed Last Month

- Tripsaver recloser installation
- Policy/procedure work
- AMI Gateway conversion from 3G to 4G network

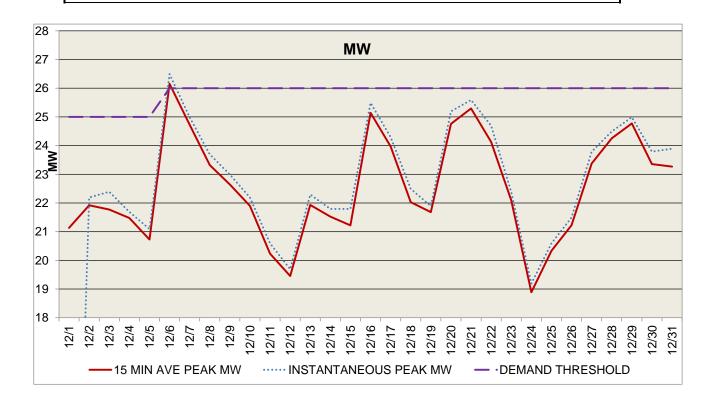
Projects Scheduled for This Month

- 2022 security light change-out, conversion to LED
- 2022 project preparation
- Solar plus Battery Storage project
 - Working through equipment delivery and certification delays
 - Battery delivery tentatively planned for end of January
 - o Waiting on battery UL certification expected February 1st
 - o First test energy and anti-islanding test February 1st
 - Solar and battery testing beginning of February
 - System commissioning mid February

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	GRAND RAPIDS PUBLIC UTILITES COMMISSION									
D	DECEMBER 2021 LOAD MANAGEMENT SYSTEM REPORT									
Dec-21	Dec-21 INST PK MW 15 MIN AVE PK MW DEMAND CONTROLLED MW THRESHOLD DAYS									
Minimum	18.95	18.89	25.00							
Maximum	26.49	26.15	26.00							
Average	22.20	22.54	25.84							
Total				1						

Savings due to active load management system for month of December 2021 estimated at \$22,920

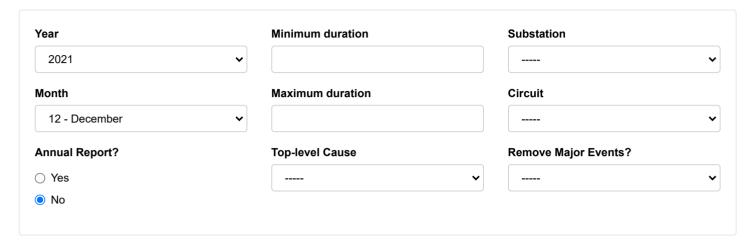


GRAND RAPIDS PUBLIC UTILITIES COMMISSION DAILY POWER USAGE

Dec-21	INST PK MW	15 MIN AVE PK MW	MW DEMAND THRESHOLD	CONTROLLED DAYS
12/1	0.20	21.13	25.00	-3.9
12/2	22.19	21.92	25.00	-3.1
12/3	22.39	21.77	25.00	-3.2
12/4	21.69	21.48	25.00	-3.5
12/5	21.09	20.73	25.00	-4.3
12/6	26.49	26.15	26.00	0.2
12/7	24.99	24.73	26.00	-1.3
12/8	23.69	23.32	26.00	-2.7
12/9	22.99	22.64	26.00	-3.4
12/10	22.19	21.90	26.00	-4.1
12/11	20.59	20.23	26.00	-5.8
12/12	19.69	19.45	26.00	-6.5
12/13	22.29	21.93	26.00	-4.1
12/14	21.79	21.53	26.00	-4.5
12/15	21.79	21.22	26.00	-4.8
12/16	25.49	25.14	26.00	-0.9
12/17	24.29	23.97	26.00	-2.0
12/18	22.49	22.03	26.00	-4.0
12/19	21.89	21.68	26.00	-4.3
12/20	25.19	24.76	26.00	-1.2
12/21	25.59	25.29	26.00	-0.7
12/22	24.69	24.13	26.00	-1.9
12/23	22.39	22.10	26.00	-3.9
12/24	19.19	18.89	26.00	-7.1
12/25	20.59	20.33	26.00	-5.7
12/26	21.49	21.22	26.00	-4.8
12/27	23.79	23.38	26.00	-2.6
12/28	24.49	24.25	26.00	-1.7
12/29	24.99	24.77	26.00	-1.2
12/30	23.79	23.36	26.00	-2.6
12/31	23.89	23.27	26.00	-2.7
Minimum	0.20	18.89	25.00	
Maximum	26.49	26.15	26.00	
Average	22.20	22.54	25.84	
Total				1
		Peak Demand Day		Controlled Day

Monthly Report - Grand Rapids Public Utilities Commission

Grand Rapids Public Utilities Commission



IEEE 1366 Statistics

Item 13.

Dec 2021	Dec 2020
6.68	0.109
0.0597	0.000133
111.879	822
99.9845%	99.9997%
0	0
4	1
	6.68 0.0597 111.879 99.9845% 0

Circuit Ranking - Worst Performing

Ranked by Outage Count

Circuit	Substation	Number of Outages
Feeder 320	Main Substation	2
Feeder 328	Main Substation	1
FEEDER 329	TIOGA SUBSTATION	1

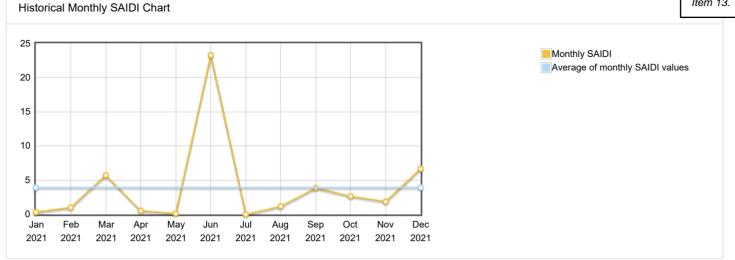
Ranked by Customer Interruptions

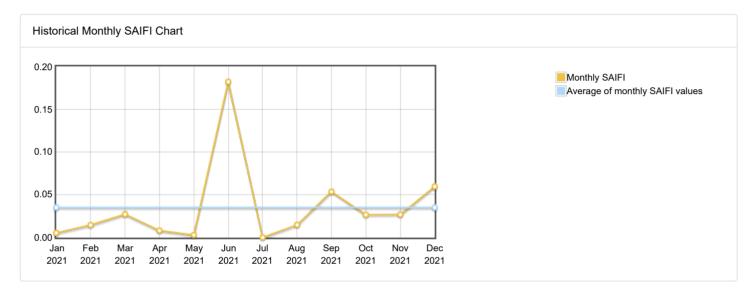
Circuit	Substation	Customer Interruptions
FEEDER 329	TIOGA SUBSTATION	378
Feeder 328	Main Substation	68
Feeder 320	Main Substation	2

Ranked by Customer Minutes of Duration

Circuit	Substation	Customer Minutes of Duration
FEEDER 329	TIOGA SUBSTATION	34,020
Feeder 328	Main Substation	15,980
Feeder 320	Main Substation	122



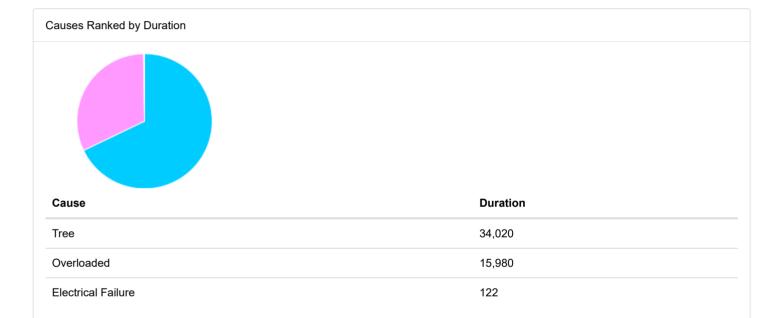






Causes Ranked by Count

Cause	Count
Electrical Failure	2
Tree	1
Overloaded	1



Top 4 Outages for the Month	Item 13.	

Address	Customers Interrupted	Duration	Customer Minute of Interruption	es Cause	Start Date
ISLE VIEW RD WO# 184341	378	90	34,020	Tree	12/16/2021
DAVIS RD WO# 184340	68	235	15,980	Overloaded circuit	12/07/2021
1611 SE 7th AVE WO# 184690	1	62	62	Bad underground	12/29/2021
20316 CRY SP LP WO# 184689	1	60	60	Bad connection	12/28/2021
Total Customers Affected for the	Month:				448
Average Customers Affected pe	r Outage:				112







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WATER & WASTEWATER DEPARTMENT MONTHLY REPORT January 2022 Commission Meeting

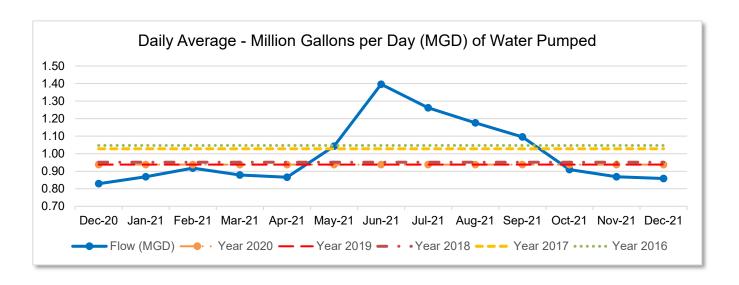
Safety

There were no OSHA recordable accidents last month.

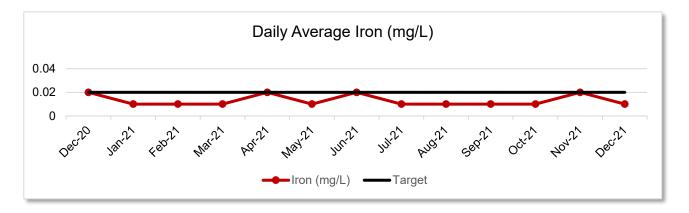
WTP Operations

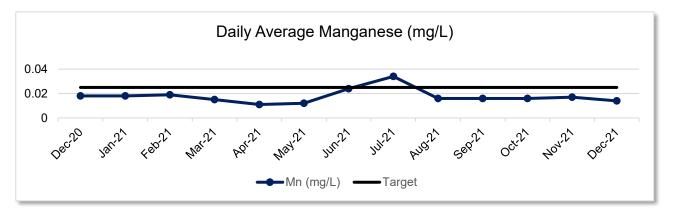
The water plant pumped an average of 0.86 million gallons of water per day (MGD) with a peak of 1.02 million gallons during last month.

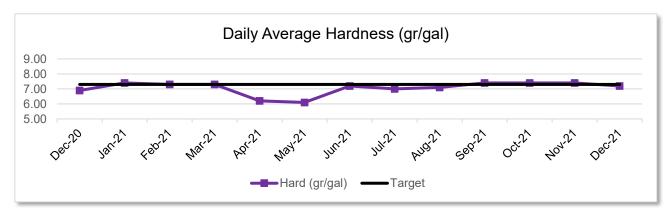
Water main break near Ace Hardware - lost 50,000 gallons

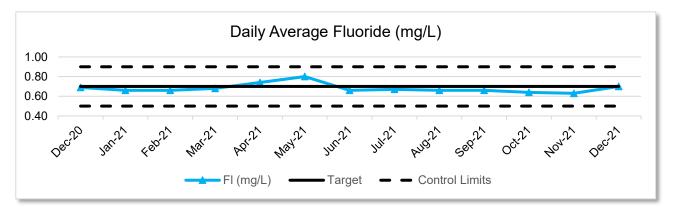








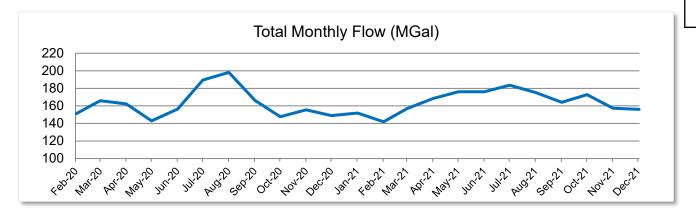




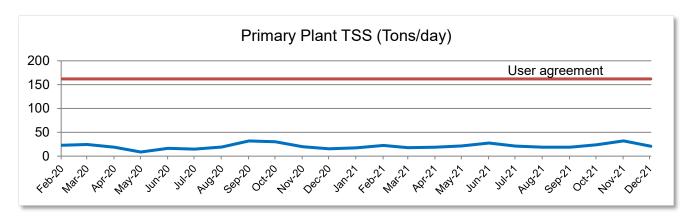
WWTP Operations

The Wastewater Treatment Plant (WWTP) met all National Pollutant Discharge Elimination System (NPDES) permit requirements last month. We treated 156 million gallons of water removing 99.5% of the Total Suspended Solids (TSS) and 96.8% Biochemical Oxygen Demand (cBOD).

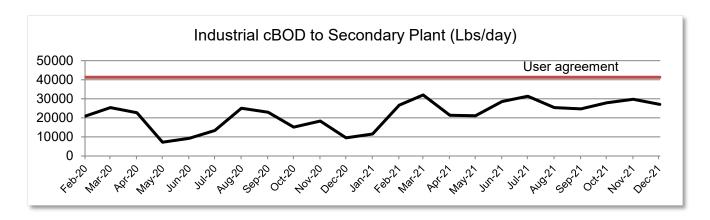


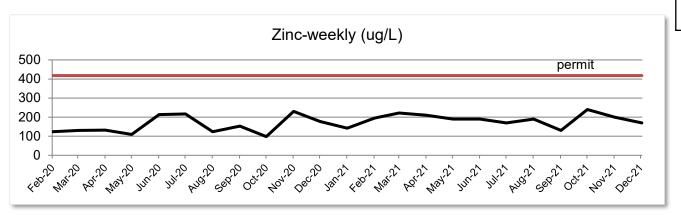


	Design Limits (monthly AVG)	Actual Results
Primary Plant		
Flow (MGD)	13.25	3.9
TSS (Tons/day)	162	20.8
TSS Peak (Tons/Day)	284	51.6

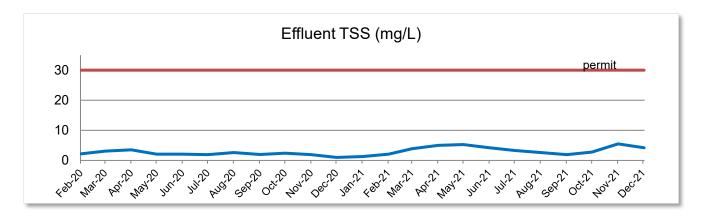


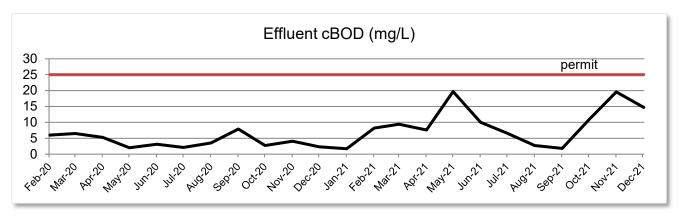
	Design Limits (monthly AVG)	Actual Results
Secondary Plant		
Flow (MGD)	15.25	5.0
cBOD (lbs/Day)	41,300	27,777
Peak cBOD (lbs/Day)	57,350	42,073
Zinc-weekly (ug/L)	418	170
% GRPUC		24.3%





	Permit Limits (monthly AVG)	Actual Results
<u>Effluent</u>		
TSS (mg/L) – monthly average	30	5.5
cBOD (mg/L) – monthly average	25	19.6
Dissolved Oxygen (mg/L)	>1.0	5.1





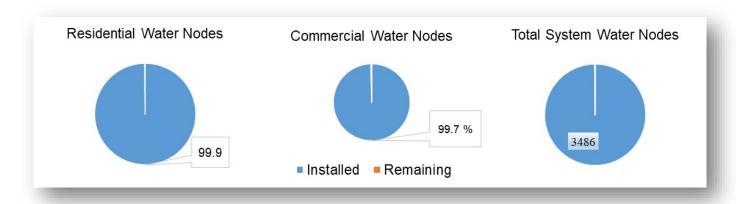
Sludge Landfill Operations

- 0.58 million gallons of leachate were hauled last month
- 4,860 cubic yards of sludge solids were hauled to the landfill

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AMI Water Install Last Month

We installed 1 water nodes and/or meters in residential routes. We currently have 3486 (99%) active water nodes installed in the system.



Projects Performed Last Month

- Rebuilt the WTP filter backwash pump
- Service center HVAC work
- Rebuilt the WWTP site lift gate

Projects Scheduled for This Month

- Install Sumotomo blower at the WTP for filters
- Rebuild of primary sludge pump 1A
- Rebuild 5 hp KSB pump lift station pump



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SAFETY REPORT January 2022 Commission Meeting

Safety Topic Last Month

Lock Out, Tag Out (LOTO) training for electric and water/wastewater employees was held on December 22 with MMUA Safety Coordinator Dave Lundberg. A staff committee will begin a 3-month project later this month to review and update all of the LOTO procedural sheets.

Safety Topic This Month

Safety jeopardy for all employees will be held on January 18 with MMUA Safety Coordinator Dave Lundberg.

Accidents Reported last Month by Department

Administration: None Electric: None

Business Services: None Water-Wastewater: None

Cumulative Accidents for 2021 (final annual numbers)

Recordable Accidents	1
Lost Time Days 2021	1
Restricted Days 2021	7
First Aid Only (not recordable)	1

Total FROI 2

Recordable Accident 5-year History

	2017	2018	2019	2020	2021
ADMIN	0	0	0	0	0
BUS SVCS	1	1	4	0	0
ELEC	3	1	1	0	0
W-WW	4	3	5	3	1
TOTAL	8	5	10	3	1

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