



City of Mora
Kanabec County, Minnesota
Meeting Agenda
Public Utilities Commission

Mora City Hall
101 Lake St. S
Mora, MN 55051

Monday, September 20, 2021

3:00 PM

Mora City Hall

- 1. Call to Order**
- 2. Roll Call**
- 3. Adopt Agenda** *(No item of business shall be considered unless it appears on the agenda for the meeting. Council members may add items to the agenda prior to adoption of the agenda.)*
- 4. Consent Agenda** *(Those items listed under Consent Agenda are considered to be routine by the City Council and will be acted upon by one motion under this agenda item. There will be no separate discussion of these items, unless a Council Member so requests, in which event, the item will be removed from the consent agenda and considered immediately after the adoption of the consent agenda.)*
 - a. Regular Meeting Minutes – August 16, 2021
 - b. August 2021 Claims
 - c. WWTP Project Final Payment
- 5. Open Forum** *(Individuals may address the council about any item not contained on the regular agenda. There is a maximum of fifteen (15) minutes set aside for open forum. A maximum of three (3) minutes is allotted per person. The City Council will take no official action on items discussed at the forum, with the exception of referral to staff for future report.)*
- 6. Special Business**

None
- 7. New Business**
 - a. Electric Cost of Service and Rate Design Study
- 8. Old Business**

None
- 9. Communications**
 - a. Utility Billing Monthly Report – August 2021
 - b. Utility Billing Adjustments Report – August 2021
- 10. Reports**
 - a. Public Utilities General Manager
 - b. Public Works Director
 - c. Commissioner Baldwin
 - d. Commissioner Christianson
 - e. Chair Ardner
- 11. Adjournment**

Pursuant to due call and notice thereof, Commissioner Ardner called to order the regular meeting of the Mora Public Utilities Commission at 3:00 PM on Monday, August 16, 2021, in the city hall council chambers.

2. **Roll Call:** Present: Commissioners Greg Ardner, Brett Baldwin, and Ryan Christianson
Absent: None
Staff Present: Utilities General Manager Lindy Crawford, Public Works Director Joe Kohlgraf, Utility Billing Clerk Jessica Bliss, and Deputy City Clerk Mandi Yoder
3. **Adopt Agenda:** MOTION made by Baldwin, seconded by Christianson, and unanimously carried by the PUC to approve the agenda as presented.
4. **Consent Agenda:** MOTION made by Christianson, seconded by Baldwin, and unanimously carried by the PUC to approve the consent agenda as presented.
 - a. Regular Meeting Minutes – July 20, 2021
 - b. Joint PUC/City Council Meeting Minutes – July 20, 2021
 - c. July 2021 Claims
 - d. K. Mattson Probationary Period Release
5. **Open Forum:** No one spoke at open forum.
6. **Special Business:** There were no special business items to discuss.
7. **New Business:**
 - a. **Designation of Authorized Signers at Financial Institutions:** Crawford explained with Natasha Segelstrom as the official clerk/treasurer and department head, it was appropriate for Segelstrom to be added as a signer to all depository accounts for the City and Mora Municipal Utilities and to remove Sara King, and Mandi Yoder as signers. Official depositories were First Citizens Bank, Neighborhood National Bank, Wells Fargo, RBC Wealth Management, and the 4M Fund. MOTION made by Christianson, seconded by Baldwin, and unanimously carried by the PUC to designate Natasha Segelstrom as a signer on all depository accounts owned by the City of Mora/Mora Municipal Utilities, and to remove existing signers Mandi Yoder and Sara King from all depository accounts.
8. **Old Business:** There were no old business items to discuss.
9. **Communications:** The following communications were reviewed.
 - a. Quarterly Financial Report
 - b. Utility Billing Monthly Report – July 2021: Bliss reported there were no adjustments for July. Bliss reported state statutes were updated and the cold weather rule dates were changed to October 1 through April 30; MMU must wait 30 days instead of 20 days to disconnect utilities with the new rule.
 - c. Utility Billing Adjustment Report – July 2021
10. **Reports:**
 - a. Public Utilities General Manager: Crawford reported she and Kohlgraf would leave that day for the MMUA summer conference; the council meeting was set for Thursday evening to accommodate their absences; MMUA would sponsor a golf team for the Goldie Classic incorporating some marketing for MMU and the staff participating were looking forward to the event.
 - b. Public Works Director: Kohlgraf reported the WWTP reedbeds were proliferating with a visual difference between the southern state's reeds and the eastern state's reeds; the

airport electric panel update was complete, well 4 almost finished and well 5 was about to begin, in the finalization process staff will tie-up and abandon the lift station on the west side of Highway 65 North.

- c. Commissioner Baldwin: Baldwin reported attending the SMMPA meeting at First Citizens Bank with Crawford and learned Mora had the fifth busiest electric vehicle charging stations out of 17 SMMPA communities.
- d. Commissioner Christianson: Christianson reported receipt of a phone call from Mora baseball coach Jayson Pautzke, who was directed by Mayor Skramstad to contact the PUC about a donation for the baseball fields at the school. Crawford explained the PUC had donated money to MAYRA in the past and had already expended approximately \$90,000 for utility work related to the school's new High School project. The PUC concern was once a donation was made, where to draw the line and when to stop. The PUC consensus was to not give a donation/contribution to the school for the baseball field, Christianson would follow up with Pautzke.
- e. Chairperson Ardner: Nothing new to report.

11. Adjournment: MOTION made by Christianson, seconded by Baldwin, and unanimously carried by the PUC to adjourn at 3:10pm.

Chair

Secretary

**CITY OF MORA
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09/16/21 1:27 PM

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CHECK #	Search Name	Fund Descr	Dept Descr	Last Dim Descr	Comments	Amount
CHECK # 000813 COMPLETE MERCHANT SOLUTIONS						
000813	COMPLETE MERCHANT	ELECTRIC FUN	ELECTRIC ADMINIST	Payment Processing E	CREDIT CARD PYMT PROCESSI	\$364.00
000813	COMPLETE MERCHANT	WATER FUND	WATER ADMINISTR	Payment Processing E	CREDIT CARD PYMT PROCESSI	\$182.00
000813	COMPLETE MERCHANT	SEWER FUND	SEWER ADMINISTR	Payment Processing E	CREDIT CARD PYMT PROCESSI	\$182.00
CHECK # 000813 COMPLETE MERCHANT SOLUTIONS						<u>\$728.00</u>
CHECK # 000814 MORA MUNICIPAL UTILITIES						
000814	MORA MUNICIPAL UTILI	ELECTRIC FUN	GENERATION & PO	Storm Water	UTILITIES	\$18.35
000814	MORA MUNICIPAL UTILI	ELECTRIC FUN	GENERATION & PO	Sewer	UTILITIES	\$118.77
000814	MORA MUNICIPAL UTILI	ELECTRIC FUN	GENERATION & PO	Water	UTILITIES	\$137.52
000814	MORA MUNICIPAL UTILI	WATER FUND	WATER SUPPLY	Storm Water	UTILITIES	\$23.12
000814	MORA MUNICIPAL UTILI	WATER FUND	WATER SUPPLY	Electricity	UTILITIES	\$975.52
000814	MORA MUNICIPAL UTILI	WATER FUND	WATER TREATMENT	Storm Water	UTILITIES	\$11.56
000814	MORA MUNICIPAL UTILI	WATER FUND	WATER TREATMENT	Electricity	UTILITIES	\$910.58
000814	MORA MUNICIPAL UTILI	WATER FUND	WATER DISTRIBUTI	Storm Water	UTILITIES	\$12.91
000814	MORA MUNICIPAL UTILI	WATER FUND	WATER DISTRIBUTI	Electricity	UTILITIES	\$46.51
000814	MORA MUNICIPAL UTILI	SEWER FUND	SEWER LIFT STATIO	Storm Water	UTILITIES	\$11.56
000814	MORA MUNICIPAL UTILI	SEWER FUND	SEWER LIFT STATIO	Electricity	UTILITIES	\$676.88
000814	MORA MUNICIPAL UTILI	SEWER FUND	WASTEWATER TREA	Water	UTILITIES	\$80.24
000814	MORA MUNICIPAL UTILI	SEWER FUND	WASTEWATER TREA	Electricity	UTILITIES	\$3,056.37
000814	MORA MUNICIPAL UTILI	SEWER FUND	WASTEWATER TREA	Storm Water	UTILITIES	\$23.79
CHECK # 000814 MORA MUNICIPAL UTILITIES						<u>\$6,103.68</u>
CHECK # 000815 ONLINE COLLECTIONS						
000815	ONLINE COLLECTIONS	ELECTRIC FUN	ELECTRIC ADMINIST	Cust UB/Collection	NEW UB CUSTOMER CREDIT C	\$70.50
CHECK # 000815 ONLINE COLLECTIONS						<u>\$70.50</u>
CHECK # 000817 MN DEPT OF REVENUE						
000817	MN DEPT OF REVENUE	ELECTRIC FUN		Sales Tax Payable	SALES & USE TAX-JUNE REMAI	\$7,295.62
000817	MN DEPT OF REVENUE	WATER FUND		Sales Tax Payable	SALES & USE TAX-JUNE REMAI	\$445.00
CHECK # 000817 MN DEPT OF REVENUE						<u>\$7,740.62</u>
CHECK # 000818 MN DEPT OF REVENUE						
000818	MN DEPT OF REVENUE	ELECTRIC FUN		Sales Tax Payable	SALES & USE TAX PYMT-JULY	\$25,835.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	GENERATION & PO	Cleaning Supplies	SALES & USE TAX PYMT-JULY	\$1.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	GENERATION & PO	Repair/Maint - Bldg &	SALES & USE TAX PYMT-JULY	\$6.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	GENERATION & PO	Small Tools & Equipm	SALES & USE TAX PYMT-JULY	\$9.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	GENERATION & PO	Garbage Removal	SALES & USE TAX PYMT-JULY	\$11.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	GENERATION & PO	Landfill Gen Exp	SALES & USE TAX PYMT-JULY	\$2.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	ELECTRIC DISTRIBU	Truck Expense	SALES & USE TAX PYMT-JULY	\$138.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	SALES & USE TAX PYMT-JULY	\$11.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Substation E	SALES & USE TAX PYMT-JULY	\$7.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	ELECTRIC DISTRIBU	Misc Distribution Exp	SALES & USE TAX PYMT-JULY	\$1.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	ELECTRIC ADMINIST	Cust UB/Collection	SALES & USE TAX PYMT-JULY	\$8.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	ELECTRIC ADMINIST	Office Supplies	SALES & USE TAX PYMT-JULY	\$4.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	ELECTRIC ADMINIST	Small Tools & Equipm	SALES & USE TAX PYMT-JULY	\$40.00
000818	MN DEPT OF REVENUE	ELECTRIC FUN	ELECTRIC ADMINIST	Telephone	SALES & USE TAX PYMT-JULY	\$24.00
000818	MN DEPT OF REVENUE	WATER FUND		Sales Tax Payable	SALES & USE TAX PYMT-JULY	\$1,248.00
CHECK # 000818 MN DEPT OF REVENUE						<u>\$27,345.00</u>
CHECK # 000820 PAYLIANCE						
000820	PAYLIANCE	ELECTRIC FUN	ELECTRIC ADMINIST	Payment Processing E	E-CHECK PYMT PROCESSING F	\$39.04
000820	PAYLIANCE	WATER FUND	WATER ADMINISTR	Payment Processing E	E-CHECK PYMT PROCESSING F	\$19.53
000820	PAYLIANCE	SEWER FUND	SEWER ADMINISTR	Payment Processing E	E-CHECK PYMT PROCESSING F	\$19.53

**CITY OF MORA
CHECK LIST-PUC**

CHECK #	Search Name	Fund Descr	Dept Descr	Last Dim Descr	Comments	Amount
CHECK # 000820	PAYLIANCE					\$78.10
CHECK # 000821	SMMPA					
000821	SMMPA	ELECTRIC FUN		Accounts Payable	POWER PURCHASED	\$402,884.93
CHECK # 000821	SMMPA					\$402,884.93
CHECK # 000823	NEIGHBORHOOD NATIONAL BANK					
000823	NEIGHBORHOOD NATIO	ELECTRIC FUN	ELECTRIC ADMINIST	Bad Debts/NSF Check	MONTHLY RETURNED CHECK	\$10.00
000823	NEIGHBORHOOD NATIO	ELECTRIC FUN	ELECTRIC ADMINIST	Payment Processing E	MONTHLY BUSINESS ONLINE	\$10.00
000823	NEIGHBORHOOD NATIO	ELECTRIC FUN	ELECTRIC ADMINIST	Payment Processing E	MONTHLY UB ACH FILE FEE	\$30.00
CHECK # 000823	NEIGHBORHOOD NATIONAL BANK					\$50.00
CHECK # 056928	ABSOLUTE TITLE CO					
056928	ABSOLUTE TITLE CO	ELECTRIC FUN		Undistributed Receipts	REFUND OVERPYMT-513 PARK	\$458.69
CHECK # 056928	ABSOLUTE TITLE CO					\$458.69
CHECK # 056930	BEDNAR, BRITTANY					
056930	BEDNAR, BRITTANY	ELECTRIC FUN		Undistributed Receipts	REFUND OVERPYMT-414 BLUE	\$116.00
CHECK # 056930	BEDNAR, BRITTANY					\$116.00
CHECK # 056932	BERG, DAVID A-CONSULTING					
056932	BERG, DAVID A-CONSUL	ELECTRIC FUN	ELECTRIC ADMINIST	Professional Services -	ELECTRIC RATE STUDY	\$7,000.00
CHECK # 056932	BERG, DAVID A-CONSULTING					\$7,000.00
CHECK # 056937	CRAWFORD, LINDY					
056937	CRAWFORD, LINDY	ELECTRIC FUN	ELECTRIC ADMINIST	Meetings, Training, &	MILEAGE TO MMUA CONFERE	\$65.60
CHECK # 056937	CRAWFORD, LINDY					\$65.60
CHECK # 056938	CUSTOM TRUCK & EQUIPMENT, LLC					
056938	CUSTOM TRUCK & EQUI	ELECTRIC FUN		Fixed Assets	BUCKET TRUCK	\$126,250.00
CHECK # 056938	CUSTOM TRUCK & EQUIPMENT, LLC					\$126,250.00
CHECK # 056941	EAST CENTRAL ENERGY-ECE SERV					
056941	EAST CENTRAL ENERGY	ELECTRIC FUN	ELECTRIC DISTRIBU	ECE Services	JULY DISPATCH SERVICES & T	\$328.20
CHECK # 056941	EAST CENTRAL ENERGY-ECE SERV					\$328.20
CHECK # 056944	FERROSAFE					
056944	FERROSAFE	WATER FUND		Deposits	BULK WATER CHARGE LESS KE	\$50.00
056944	FERROSAFE	WATER FUND		Sales Tax Payable	BULK WATER CHARGE LESS KE	-\$2.62
056944	FERROSAFE	WATER FUND	WATER ADMINISTR	Water Sales	BULK WATER CHARGE LESS KE	-\$35.46
CHECK # 056944	FERROSAFE					\$11.92
CHECK # 056945	GOLDIE CLASSIC					
056945	GOLDIE CLASSIC	ELECTRIC FUN	ELECTRIC ADMINIST	Contributions	MMU TEAM SPONSORSHIP-BE	\$170.00
056945	GOLDIE CLASSIC	WATER FUND	WATER ADMINISTR	Contributions	MMU TEAM SPONSORSHIP-BE	\$85.00
056945	GOLDIE CLASSIC	SEWER FUND	SEWER ADMINISTR	Contributions	MMU TEAM SPONSORSHIP-BE	\$85.00
CHECK # 056945	GOLDIE CLASSIC					\$340.00
CHECK # 056950	LAMBERT, STEVEN & MARY					
056950	LAMBERT, STEVEN & M	ELECTRIC FUN		Undistributed Receipts	REFUND OVERPYMT-700 WAL	\$215.32
CHECK # 056950	LAMBERT, STEVEN & MARY					\$215.32
CHECK # 056954	MILLER, KATHARINE					
056954	MILLER, KATHARINE	ELECTRIC FUN		Deposits	REFUND METER DEPOSIT-200	\$100.00
CHECK # 056954	MILLER, KATHARINE					\$100.00
CHECK # 056957	NEONLINK LLC					

CITY OF MORA
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CHECK #	Search Name	Fund Descr	Dept Descr	Last Dim Descr	Comments	Amount
056957	NEONLINK LLC	ELECTRIC FUN	ELECTRIC ADMINIST	Payment Processing E	PAYMENT PROCESSING	\$133.80
056957	NEONLINK LLC	WATER FUND	WATER ADMINISTR	Payment Processing E	PAYMENT PROCESSING	\$66.90
056957	NEONLINK LLC	SEWER FUND	SEWER ADMINISTR	Payment Processing E	PAYMENT PROCESSING	\$66.90
CHECK # 056957 NEONLINK LLC						\$267.60
CHECK # 056958 PETERSON, QUINN						
056958	PETERSON, QUINN	ELECTRIC FUN		Undistributed Receipts	REFUND METER DEPOSIT-315	\$289.23
CHECK # 056958 PETERSON, QUINN						\$289.23
CHECK # 056961 STRANDBERG, CONNIE						
056961	STRANDBERG, CONNIE	ELECTRIC FUN		Undistributed Receipts	REFUND DEPOSIT-200 PARK S	\$58.02
CHECK # 056961 STRANDBERG, CONNIE						\$58.02
CHECK # 056962 THOMPSON, ASHLEY FORE						
056962	THOMPSON, ASHLEY FO	ELECTRIC FUN		Undistributed Receipts	REFUND OVERPYMT-260 MATT	\$359.28
CHECK # 056962 THOMPSON, ASHLEY FORE						\$359.28
CHECK # 056963 TOWNSEND, KELLY & JAMES						
056963	TOWNSEND, KELLY & JA	ELECTRIC FUN		Undistributed Receipts	REFUND OVERPYMT-512 CEDA	\$130.15
CHECK # 056963 TOWNSEND, KELLY & JAMES						\$130.15
CHECK # 056977 MPOWER TECHNOLOGIES, INC.						
056977	MPOWER TECHNOLOGI	ELECTRIC FUN	ELECTRIC ADMINIST	Meetings, Training, &	BLISS USERGROUP CONFEREN	\$1,095.00
CHECK # 056977 MPOWER TECHNOLOGIES, INC.						\$1,095.00
CHECK # 056979 WELIA HEALTH						
056979	WELIA HEALTH	WATER FUND	WATER ADMINISTR	Professional Services -	VIZENOR VACCINES	\$150.48
056979	WELIA HEALTH	SEWER FUND	SEWER ADMINISTR	Professional Services -	VIZENOR VACCINES	\$245.52
CHECK # 056979 WELIA HEALTH						\$396.00
CHECK # 056988 CARDMEMBER SERVICE						
056988	CARDMEMBER SERVICE	SEWER FUND	SEWER ADMINISTR	Meetings, Training, &	KOHLGRAF SCHOOL HOTEL - C	\$274.91
CHECK # 056988 CARDMEMBER SERVICE						\$274.91
CHECK # 056992 MN DEPT OF COMMERCE-IND ASSMTS						
056992	MN DEPT OF COMMERC	ELECTRIC FUN	GENERATION & PO	Miscellaneous	2ND QTR FY 2022 IND ASSMT-	\$231.87
056992	MN DEPT OF COMMERC	ELECTRIC FUN	ELECTRIC ADMINIST	Energy Conservation	2ND QTR FY 2022 IND ASSMT-	\$639.98
CHECK # 056992 MN DEPT OF COMMERCE-IND ASSMTS						\$871.85
CHECK # 056993 NEONLINK LLC						
056993	NEONLINK LLC	ELECTRIC FUN	ELECTRIC ADMINIST	Payment Processing E	PAYMENT PROCESSING	\$140.00
056993	NEONLINK LLC	WATER FUND	WATER ADMINISTR	Payment Processing E	PAYMENT PROCESSING	\$70.00
056993	NEONLINK LLC	SEWER FUND	SEWER ADMINISTR	Payment Processing E	PAYMENT PROCESSING	\$70.00
CHECK # 056993 NEONLINK LLC						\$280.00
CHECK # 057016 MATTSON, KEN						
057016	MATTSON, KEN	WATER FUND	WATER ADMINISTR	Uniforms	WORK PANTS	\$75.98
057016	MATTSON, KEN	SEWER FUND	SEWER ADMINISTR	Uniforms	WORK PANTS	\$123.97
CHECK # 057016 MATTSON, KEN						\$199.95
CHECK # 057023 QUADIENT FINANCE USA, INC						
057023	QUADIENT FINANCE US	ELECTRIC FUN	ELECTRIC ADMINIST	Office Supplies	INK FOR POSTAGE MACHINE	\$34.93
057023	QUADIENT FINANCE US	WATER FUND	WATER ADMINISTR	Office Supplies	INK FOR POSTAGE MACHINE	\$13.97
057023	QUADIENT FINANCE US	SEWER FUND	SEWER ADMINISTR	Office Supplies	INK FOR POSTAGE MACHINE	\$13.98
CHECK # 057023 QUADIENT FINANCE USA, INC						\$62.88
CHECK # 057025 VERIZON WIRELESS						

CITY OF MORA
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CHECK #	Search Name	Fund Descr	Dept Descr	Last Dim Descr	Comments	Amount
057025	VERIZON WIRELESS	ELECTRIC FUN	ELECTRIC ADMINIST	Telephone	CELL/IPAD	\$161.66
057025	VERIZON WIRELESS	WATER FUND	WATER ADMINISTR	Telephone	CELL/IPAD	\$52.26
057025	VERIZON WIRELESS	SEWER FUND	SEWER ADMINISTR	Telephone	CELL/IPAD	\$79.38
CHECK # 057025 VERIZON WIRELESS						\$293.30
CHECK # 057026 ACE HARDWARE						
057026	ACE HARDWARE	ELECTRIC FUN	GENERATION & PO	Repair/Maint - Bldg &	BATTERIES	\$14.99
057026	ACE HARDWARE	ELECTRIC FUN	ELECTRIC DISTRIBU	Misc Distribution Exp	BATTERIES, BEE SPRAY, TOOL	\$42.13
057026	ACE HARDWARE	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	LOCATOR BATTERIES	\$16.99
057026	ACE HARDWARE	WATER FUND	WATER SUPPLY	Repair/Maint - Bldg &	WELLHOUSE PAINT SUPPLIES	\$65.97
057026	ACE HARDWARE	WATER FUND	WATER DISTRIBUTI	Repair/Maint - Bldg &	PAINT SUPPLIES	\$63.52
CHECK # 057026 ACE HARDWARE						\$203.60
CHECK # 057029 ARAMARK						
057029	ARAMARK	SEWER FUND	WASTEWATER TREA	Other Operating Suppl	WWTP RUGS	\$98.51
CHECK # 057029 ARAMARK						\$98.51
CHECK # 057031 AUTO VALUE MORA						
057031	AUTO VALUE MORA	ELECTRIC FUN	ELECTRIC DISTRIBU	Truck Expense	RUNNING BOARD STEP ADDTN	\$167.99
057031	AUTO VALUE MORA	ELECTRIC FUN	ELECTRIC DISTRIBU	Truck Expense	RUNNING BOARD FREIGHT RE	-\$25.00
057031	AUTO VALUE MORA	ELECTRIC FUN	ELECTRIC DISTRIBU	Truck Expense	RUNNING BOARDS, MOUNTIN	\$751.97
CHECK # 057031 AUTO VALUE MORA						\$894.96
CHECK # 057032 B & B TRANSFORMER						
057032	B & B TRANSFORMER	ELECTRIC FUN	ELECTRIC DISTRIBU	Line Transformer Exp	XFRMR RPR PARTS	\$121.84
CHECK # 057032 B & B TRANSFORMER						\$121.84
CHECK # 057033 BEAUDRY PROPANE						
057033	BEAUDRY PROPANE	ELECTRIC FUN	GENERATION & PO	Landfill Gen Exp	OIL	\$3,777.00
CHECK # 057033 BEAUDRY PROPANE						\$3,777.00
CHECK # 057035 CAMPBELL KNUTSON, P.A.						
057035	CAMPBELL KNUTSON, P.	ELECTRIC FUN	ELECTRIC ADMINIST	Legal Services	MISC LEGAL SERVICES-BANKR	\$248.90
CHECK # 057035 CAMPBELL KNUTSON, P.A.						\$248.90
CHECK # 057036 CINTAS						
057036	CINTAS	ELECTRIC FUN	GENERATION & PO	Other Operating Suppl	MATS, MOPS	\$58.64
CHECK # 057036 CINTAS						\$58.64
CHECK # 057040 DAKOTA SUPPLY GROUP INC						
057040	DAKOTA SUPPLY GROUP	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	URD JUNCTION BOXES & GRO	\$3,438.15
CHECK # 057040 DAKOTA SUPPLY GROUP INC						\$3,438.15
CHECK # 057041 DGR ENGINEERING						
057041	DGR ENGINEERING	ELECTRIC FUN	ELECTRIC DISTRIBU	Engineering	GIS ASSISTANCE	\$161.50
057041	DGR ENGINEERING	ELECTRIC FUN	ELECTRIC DISTRIBU	Engineering	2021 POLE REPLACEMENT	\$1,562.00
057041	DGR ENGINEERING	ELECTRIC FUN	ELECTRIC DISTRIBU	Engineering	NEW SCHOOL PLANNING	\$393.00
CHECK # 057041 DGR ENGINEERING						\$2,116.50
CHECK # 057043 EAST CENTRAL ENERGY-ECE SERV						
057043	EAST CENTRAL ENERGY	ELECTRIC FUN	ELECTRIC DISTRIBU	ECE Services	AUGUST DISPATCH, JULY TOLL	\$216.83
057043	EAST CENTRAL ENERGY	ELECTRIC FUN	ELECTRIC DISTRIBU	ECE Services	AUGUST LABOR & EQUIPMENT	\$4,828.30
CHECK # 057043 EAST CENTRAL ENERGY-ECE SERV						\$5,045.13
CHECK # 057044 EAST CENTRAL ENERGY-ELECT						
057044	EAST CENTRAL ENERGY	SEWER FUND	SEWER LIFT STATIO	Electricity	ELECTRICITY	\$109.64

CITY OF MORA
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CHECK #	Search Name	Fund Descr	Dept Descr	Last Dim Descr	Comments	Amount
CHECK # 057044	EAST CENTRAL ENERGY-ELECT					\$109.64
CHECK # 057047	FERGUSON WATERWORKS					
057047	FERGUSON WATERWOR	WATER FUND	WATER DISTRIBUTI	Repair/Maint - Bldg &	MARKING PAINT	\$154.56
057047	FERGUSON WATERWOR	WATER FUND	WATER DISTRIBUTI	Repair/Maint - Bldg &	HYDRANT ASSMBLY KITS	\$7,464.00
CHECK # 057047	FERGUSON WATERWORKS					\$7,618.56
CHECK # 057048	FREEDOM MAILING SERVICES INC					
057048	FREEDOM MAILING SER	ELECTRIC FUN	ELECTRIC ADMINIST	Cust UB/Collection	BILL PROCESSING	\$450.66
057048	FREEDOM MAILING SER	WATER FUND	WATER ADMINISTR	Cust UB/Collection	BILL PROCESSING	\$225.33
057048	FREEDOM MAILING SER	SEWER FUND	SEWER ADMINISTR	Cust UB/Collection	BILL PROCESSING	\$225.33
CHECK # 057048	FREEDOM MAILING SERVICES INC					\$901.32
CHECK # 057049	GLENS TIRE OPERATIONS INC					
057049	GLENS TIRE OPERATIO	WATER FUND	WATER DISTRIBUTI	Tires	WATER TRUCK TIRES	\$1,093.00
CHECK # 057049	GLENS TIRE OPERATIONS INC					\$1,093.00
CHECK # 057050	GOPHER STATE ONE-CALL INC					
057050	GOPHER STATE ONE-CA	ELECTRIC FUN	ELECTRIC DISTRIBU	Professional Services -	AUGUST LOCATES	\$46.58
057050	GOPHER STATE ONE-CA	WATER FUND	WATER DISTRIBUTI	Professional Services -	AUGUST LOCATES	\$46.57
057050	GOPHER STATE ONE-CA	SEWER FUND	SEWER COLLECTION	Professional Services -	AUGUST LOCATES	\$46.57
CHECK # 057050	GOPHER STATE ONE-CALL INC					\$139.72
CHECK # 057054	GRANITE WATER WORKS INC					
057054	GRANITE WATER WORK	WATER FUND	WATER DISTRIBUTI	Repair/Maint - Bldg &	GATE VALVE RISERS	\$211.20
057054	GRANITE WATER WORK	SEWER FUND	SEWER COLLECTION	Repair/Maint - Bldg &	MANHOLE RPR PARTS	\$1,421.99
CHECK # 057054	GRANITE WATER WORKS INC					\$1,633.19
CHECK # 057055	HACH COMPANY					
057055	HACH COMPANY	SEWER FUND	WASTEWATER TREA	Small Tools & Equipm	LAB TESTING EQUIPMENT	\$1,083.72
CHECK # 057055	HACH COMPANY					\$1,083.72
CHECK # 057056	IRBY TOOL & SAFETY					
057056	IRBY TOOL & SAFETY	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Overhead Lin	OH STR LIGHT WIRE	\$209.50
057056	IRBY TOOL & SAFETY	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	URD WIRE	\$1,046.00
057056	IRBY TOOL & SAFETY	ELECTRIC FUN	ELECTRIC DISTRIBU	Misc Distribution Exp	GLOVE COVERS	\$39.70
057056	IRBY TOOL & SAFETY	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Overhead Lin	OH LIGHTNING ARRESTORS	\$2,088.00
057056	IRBY TOOL & SAFETY	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Overhead Lin	OH CABLE GRIPS	\$160.60
057056	IRBY TOOL & SAFETY	ELECTRIC FUN	ELECTRIC DISTRIBU	Line Transformer Exp	XFRMR BOX PADS	\$866.24
057056	IRBY TOOL & SAFETY	ELECTRIC FUN	ELECTRIC DISTRIBU	Line Transformer Exp	J-BOXES GROUND SLEEVES	\$595.95
057056	IRBY TOOL & SAFETY	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	URD WIRE-NORTH FEED UPGR	\$47,437.50
057056	IRBY TOOL & SAFETY	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	URD 15 KV ARRESTORS	\$927.00
CHECK # 057056	IRBY TOOL & SAFETY					\$53,370.49
CHECK # 057057	JEFFS MACHINE & WELDING LLC					
057057	JEFFS MACHINE & WEL	ELECTRIC FUN	ELECTRIC DISTRIBU	Truck Expense	RUNNING BOARD RPR PARTS	\$20.50
057057	JEFFS MACHINE & WEL	SEWER FUND	SEWER COLLECTION	Repair/Maint - Bldg &	LADDER RACK MATERIAL & LA	\$1,719.37
CHECK # 057057	JEFFS MACHINE & WELDING LLC					\$1,739.87
CHECK # 057058	JOHNSONS HARDWARE & RENTAL					
057058	JOHNSONS HARDWARE	ELECTRIC FUN	ELECTRIC DISTRIBU	Line Transformer Exp	BACKHOE RENTAL-XFRMR REP	\$275.00
057058	JOHNSONS HARDWARE	SEWER FUND	WASTEWATER TREA	Repair/Maint - Bldg &	GATE RPR PARTS	\$21.98
CHECK # 057058	JOHNSONS HARDWARE & RENTAL					\$296.98
CHECK # 057060	KANABEC CO AUDITOR/TREASURER					
057060	KANABEC CO AUDITOR/	ELECTRIC FUN		Accounts Payable	AUGUST JAIL ENERGY MGMT P	\$545.00

CITY OF MORA
CHECK LIST-PUC

CHECK #	Search Name	Fund Descr	Dept Descr	Last Dim Descr	Comments	Amount
CHECK # 057060	KANABEC CO AUDITOR/TREASURER					\$545.00
CHECK # 057063	KWIK TRIP - GAS PURCHASES					
057063	KWIK TRIP - GAS PURC	ELECTRIC FUN	ELECTRIC DISTRIBU	Truck Expense	FUEL	\$490.45
057063	KWIK TRIP - GAS PURC	WATER FUND	WATER DISTRIBUTI	Motor Fuels	FUEL	\$318.15
057063	KWIK TRIP - GAS PURC	SEWER FUND	SEWER COLLECTION	Motor Fuels	FUEL	\$618.69
057063	KWIK TRIP - GAS PURC	SEWER FUND	WASTEWATER TREA	Motor Fuels	FUEL	\$30.43
CHECK # 057063	KWIK TRIP - GAS PURCHASES					\$1,457.72
CHECK # 057065	MERCURY TECHNOLOGIES OF MN					
057065	MERCURY TECHNOLOGI	ELECTRIC FUN	ELECTRIC ADMINIST	Energy Conservation	FLUORESCENT LAMP RECYCLI	\$865.33
CHECK # 057065	MERCURY TECHNOLOGIES OF MN					\$865.33
CHECK # 057068	MN ENERGY RESOURCES CORP					
057068	MN ENERGY RESOURCE	ELECTRIC FUN	GENERATION & PO	Natural Gas - Heat	NATURAL GAS-BOILER	\$437.78
057068	MN ENERGY RESOURCE	ELECTRIC FUN	GENERATION & PO	Generation Exp	NATURAL GAS-GENERATION	\$345.02
057068	MN ENERGY RESOURCE	WATER FUND	WATER SUPPLY	Natural Gas - Heat	NATURAL GAS	\$21.74
057068	MN ENERGY RESOURCE	WATER FUND	WATER TREATMENT	Natural Gas - Heat	NATURAL GAS	\$47.87
057068	MN ENERGY RESOURCE	SEWER FUND	WASTEWATER TREA	Natural Gas - Heat	NATURAL GAS	\$59.95
CHECK # 057068	MN ENERGY RESOURCES CORP					\$912.36
CHECK # 057070	NBS CALIBRATIONS					
057070	NBS CALIBRATIONS	SEWER FUND	WASTEWATER TREA	Professional Services -	EQUIPMENT TESTING	\$320.00
CHECK # 057070	NBS CALIBRATIONS					\$320.00
CHECK # 057071	NORTHERN STATES SUPPLY					
057071	NORTHERN STATES SUP	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	LOCATE PAINT SPRAYERS	\$60.15
057071	NORTHERN STATES SUP	ELECTRIC FUN	ELECTRIC DISTRIBU	Misc Distribution Exp	WORK GLOVES	\$97.97
CHECK # 057071	NORTHERN STATES SUPPLY					\$158.12
CHECK # 057072	NORTHLAND FIRE PROTECTION LLC					
057072	NORTHLAND FIRE PROT	ELECTRIC FUN	GENERATION & PO	Repair/Maint - Bldg &	EXTINGUISHER SERVICE-PP	\$99.77
057072	NORTHLAND FIRE PROT	ELECTRIC FUN	GENERATION & PO	Landfill Gen Exp	EXTINGUISHER SERVICE-LFG	\$71.00
057072	NORTHLAND FIRE PROT	ELECTRIC FUN	ELECTRIC DISTRIBU	Truck Expense	EXTINGUISHER SERVICE-VEHI	\$31.13
057072	NORTHLAND FIRE PROT	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Substation E	EXTINGUISHER SERVICE-SUBS	\$31.10
057072	NORTHLAND FIRE PROT	WATER FUND	WATER SUPPLY	Repair/Maint - Bldg &	EXTINGUISHER SERVICE-WELL	\$195.19
057072	NORTHLAND FIRE PROT	WATER FUND	WATER TREATMENT	Repair/Maint - Bldg &	EXTINGUISHER SERVICE-WTP	\$28.52
057072	NORTHLAND FIRE PROT	WATER FUND	WATER TREATMENT	Repair/Maint - Bldg &	EXTINGUISHER SERVICE-TRUC	\$15.09
057072	NORTHLAND FIRE PROT	SEWER FUND	SEWER COLLECTION	Repair/Maint - Bldg &	EXTINGUISHER SERVICE-DOO	\$9.81
057072	NORTHLAND FIRE PROT	SEWER FUND	WASTEWATER TREA	Repair/Maint - Bldg &	EXTINGUISHER SERVICE-TRUC	\$291.99
CHECK # 057072	NORTHLAND FIRE PROTECTION LLC					\$773.60
CHECK # 057074	OAK GALLERY & FRAME SHOP					
057074	OAK GALLERY & FRAME	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Meters	ELECTRIC METER RETURN SHI	\$19.11
CHECK # 057074	OAK GALLERY & FRAME SHOP					\$19.11
CHECK # 057075	OFFICE DEPOT					
057075	OFFICE DEPOT	ELECTRIC FUN	ELECTRIC ADMINIST	Office Supplies	OFFICE SUPPLIES	\$58.79
057075	OFFICE DEPOT	WATER FUND	WATER ADMINISTR	Office Supplies	OFFICE SUPPLIES	\$16.37
057075	OFFICE DEPOT	SEWER FUND	SEWER ADMINISTR	Office Supplies	OFFICE SUPPLIES	\$16.37
CHECK # 057075	OFFICE DEPOT					\$91.53
CHECK # 057077	OWENS AUTO PARTS					
057077	OWENS AUTO PARTS	ELECTRIC FUN	ELECTRIC DISTRIBU	Truck Expense	RADIATOR, WATER PUMP, THE	\$468.15
CHECK # 057077	OWENS AUTO PARTS					\$468.15

CITY OF MORA
CHECK LIST-PUC

CHECK #	Search Name	Fund Descr	Dept Descr	Last Dim Descr	Comments	Amount
CHECK # 057078 OXYGEN SERVICE CO, INC						
057078	OXYGEN SERVICE CO, I	ELECTRIC FUN	GENERATION & PO	Repair/Maint - Bldg &	OXYGEN CYLINDER RENTAL	\$27.28
057078	OXYGEN SERVICE CO, I	ELECTRIC FUN	GENERATION & PO	Landfill Gen Exp	LFG NITROGEN CYLINDER REN	\$11.69
057078	OXYGEN SERVICE CO, I	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Substation E	SUBST CYLINDER RENTAL	\$47.52
057078	OXYGEN SERVICE CO, I	WATER FUND	WATER DISTRIBUTI	Repair/Maint - Bldg &	CARB DIOX CYLINDER RENTAL	\$10.85
CHECK # 057078 OXYGEN SERVICE CO, INC						\$97.34
CHECK # 057079 PD S EMBROIDERY						
057079	PD S EMBROIDERY	ELECTRIC FUN	ELECTRIC DISTRIBU	Uniforms	POLO'S WITH MMU LOGO	\$30.98
057079	PD S EMBROIDERY	WATER FUND	WATER DISTRIBUTI	Uniforms	POLO'S WITH MMU LOGO	\$15.49
057079	PD S EMBROIDERY	SEWER FUND	WASTEWATER TREA	Uniforms	POLO'S WITH MMU LOGO	\$15.49
CHECK # 057079 PD S EMBROIDERY						\$61.96
CHECK # 057081 QUALITY DISPOSAL						
057081	QUALITY DISPOSAL	ELECTRIC FUN	GENERATION & PO	Garbage Removal	GARBAGE	\$75.00
057081	QUALITY DISPOSAL	SEWER FUND	WASTEWATER TREA	Garbage Removal	GARBAGE	\$187.20
CHECK # 057081 QUALITY DISPOSAL						\$262.20
CHECK # 057082 R & G WALDHALM CONTRACTORS INC						
057082	R & G WALDHALM CONT	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	TRENCH & PLOW URD CABLE I	\$483.36
057082	R & G WALDHALM CONT	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	TRENCH & PLOW URD CABLE I	\$435.09
057082	R & G WALDHALM CONT	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of St. Lights & S	TRENCH & PLOW URD CABLE I	\$536.68
CHECK # 057082 R & G WALDHALM CONTRACTORS INC						\$1,455.13
CHECK # 057084 RESCO						
057084	RESCO	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	URD ELBOW JACKET & JUNCTI	\$2,602.83
057084	RESCO	ELECTRIC FUN	ELECTRIC DISTRIBU	Maint of Underground	URD SPLICE KITS	\$225.72
CHECK # 057084 RESCO						\$2,828.55
CHECK # 057085 RMB ENVIRONMENTAL LABS INC						
057085	RMB ENVIRONMENTAL	WATER FUND	WATER TREATMENT	Professional Services -	LAB TESTING	\$65.00
057085	RMB ENVIRONMENTAL	SEWER FUND	WASTEWATER TREA	Professional Services -	LAB TESTING	\$458.00
CHECK # 057085 RMB ENVIRONMENTAL LABS INC						\$523.00
CHECK # 057086 SEH						
057086	SEH	WATER FUND	WATER ADMINISTR	Professional Services -	AWIA RISK & RESILIENCE	\$310.40
057086	SEH	SEWER FUND	WASTEWATER TREA	Professional Services -	REED BED VISIT, MAPPING, IN	\$2,918.89
CHECK # 057086 SEH						\$3,229.29
CHECK # 057090 TEAM LABORATORY CHEMICAL, LLC						
057090	TEAM LABORATORY CH	SEWER FUND	SEWER LIFT STATIO	Repair/Maint - Bldg &	CHEMICAL DEO SCENT BLOCK	\$713.00
CHECK # 057090 TEAM LABORATORY CHEMICAL, LLC						\$713.00
CHECK # 057095 WINDSTREAM						
057095	WINDSTREAM	SEWER FUND	SEWER ADMINISTR	Telephone	TELEPHONE	\$129.09
CHECK # 057095 WINDSTREAM						\$129.09
						\$683,364.93



MORA MUNICIPAL UTILITIES
PUBLIC UTILITIES COMMISSION CHECK LIST

THE AUGUST/SEPTEMBER 2021 CLAIMS HAVE BEEN APPROVED FOR PAYMENT BY:

CHAIRMAN

COMMISSION MEMBER

COMMISSION MEMBER

SECRETARY



MEMORANDUM

Date: September 20, 2021
To: Public Utilities Commission
From: Lindy Crawford, Public Utilities General Manager
RE: WWTP Project Final Payment

SUMMARY

Although staff has not yet received the additional bundle of reeds for planting in the reed beds, staff recommends the WWTP project be closed out. The City/MMU has retained \$20,000 and recommends the money be paid out now and the project formally closed out.

RECOMMENDATIONS

Motion to approve the WWTP payment in the amount of \$20,000 to Gridor Construction, Inc.

Attachments

WWTP Project Application for Payment

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER:	City of Mora, MN 101 Lake Street South Mora, MN 55051-1588	PROJECT:	Mora, MN Wastewater Treatment Facility Phosphorus Imp. Project	APPLICATION NO.:	22
				PERIOD TO:	07/31/22
				PROJECT NO.:	2015-02
				SUBSTANTIAL CONTRACT DATE:	08/01/16
CONTRACTOR:	Gridor Constr., Inc. 3990 27th Street SE Buffalo, MN 55313	ENGINEER:	Short Elliott Hendrickson, Inc. 3565 Vadnais Center Drive Saint Paul, MN 55110-5196	FINAL CONTRACT DATE:	09/30/16
CONTACT:	Steve Lee	CONTACT:	Jessica Hedin, PE		

CONTRACTOR'S APPLICATION FOR PAYMENT

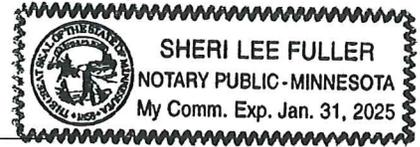
Application is made for payment, as shown below, in connection with the Contract.

1. ORIGINAL CONTRACT SUM.....	\$5,382,900.00
2. Net change by Change Orders.....	\$0.00
3. CONTRACT SUM TO DATE (Line 1 + Line 2).....	\$5,382,900.00
4. TOTAL COMPLETED & STORED TO DATE.....	\$5,382,900.00
5. RETAINAGE: Securities in Lieu of Retainage	
A. 5% of Completed to Date	\$5,382,900.00
B. 5% of Stored Materials	\$0.00
Total Retainage	\$0.00
6. TOTAL EARNED LESS RETAINAGE.....	\$5,382,900.00
(Line 4 less Line 5 Total)	
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....	\$5,362,900.00
(Line 6 from prior payment)	
8. CURRENT PAYMENT DUE.....	\$20,000.00
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....	\$0.00
(Line 3 less Line 6)	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: 



State of Minnesota

Subscribed and sworn to before me this 22nd day of July, 2021


Notary Public:

1/31/2025
Commission Expiration

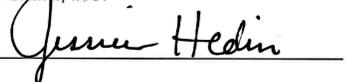
<u>CHANGE ORDER SUMMARY</u>	<u>ADDITIONS</u>	<u>DEDUCTIONS</u>
Total changes approved in previous months by Owner: COs		
Total approved this month:		
TOTALS:	\$0.00	\$0.00
NET CHANGES by Change Order:	\$0.00	\$0.00

ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of Work is in accordance with the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED..... \$20,000.00

ENGINEER: S.E.N., INC.

By: 

Date: 09/13/2021

POINT SOURCE IMPLEMENTATION GRANT (PSIG) ELIGIBLE COSTS
43.3% OF CONSTRUCTION COSTS FOR EACH PAY APPLICATION ARE ELIGIBLE

CONSTRUCTION		
A ELIGIBLE COSTS FOR CURRENT PAY APPLICATION	=	\$3,680.50
B TOTAL TO-DATE ON PREVIOUS PAY APPLICATIONS	=	\$2,327,115.20
C TOTAL TO-DATE ELIGIBLE COSTS	=	\$2,330,795.70

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Item No.	B Description of Work	C Scheduled Value	D		E		F Material Presently Stored (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H Percent Completed (G/C)	I Balance To Finish (C-G)
			From Previous Application	Work Completed		Amount				
				Percent	Amount					
Division 1										
1.001	Moblization	\$160,000	\$160,000				\$160,000	100.0%	\$0	
1.002	Bonds and Insurance	\$45,000	\$45,000				\$45,000	100.0%	\$0	
1.003	Building Permit	\$25,000	\$25,000				\$25,000	100.0%	\$0	
Subtotal for	Division 1	\$230,000	\$230,000				\$230,000	100.0%	\$0	
			\$230,000			check	\$230,000			
Division 2										
2.001	Demo Labor and Material - SITE	\$75,000	\$75,000				\$75,000	100.0%	\$0	
2.002	Demo Labor and Material - Process	\$100,000	\$100,000				\$100,000	100.0%	\$0	
Subtotal for	Division 2	\$175,000	\$175,000.00			\$0	\$175,000	100.00%	\$0	
			check \$175,000			Check	\$175,000			
Division 3										
3.001	F/P/I Concrete 1650 cy @ 420 cy	\$693,000	\$693,000				\$693,000	100.0%	\$0	
3.002	Rebar Material	\$115,000	\$115,000				\$115,000	100.0%	\$0	
3.003	Rebar Labor	\$90,000	\$90,000				\$90,000	100.0%	\$0	
3.004	Precast Concrete	\$200,000	\$200,000				\$200,000	100.0%	\$0	
Subtotal for	Division 3	\$1,098,000	\$1,098,000.00			\$0	\$1,098,000	100.00%	\$0	
			check \$1,098,000			Check	\$1,098,000			
Division 4										
4.001	Masonry	\$7,000	\$7,000				\$7,000	100.0%	\$0	
Subtotal for	Division 4	\$7,000	\$7,000.00			\$0	\$7,000	100.00%	\$0	
			check \$7,000			Check	\$7,000			
Division 5										
5.001	Misc Metals - Materials	\$40,000	\$40,000				\$40,000	100.0%	\$0	
5.002	Misc Metals - Labor	\$15,000	\$15,000				\$15,000	100.0%	\$0	
Subtotal for	Division 5	\$55,000	\$55,000.00			\$0	\$55,000	100.00%	\$0	
			check \$55,000			Check	\$55,000			

Item No.	B Description of Work	C Scheduled Value	D		E		F Material Presently Stored (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H Percent Completed (G/C)	I Balance To Finish (C-G)
			From Previous Application	Work Completed		Amount				
				Percent	Amount					
Division 6										
6.001	Carpentry	\$5,000	\$5,000				\$5,000	100.0%	\$0	
6.002	Plastic Fabrications (Weirs & Baffles)	\$30,000	\$30,000				\$30,000	100.0%	\$0	
6.001	Structral Plastic Assemblies	\$30,000	\$30,000				\$30,000	100.0%	\$0	
Subtotal for	Division 6	\$65,000	\$65,000.00			\$0	\$0	\$65,000	100.00%	\$0
		check	\$65,000			Check	\$65,000			
Division 7										
7.001	Dampproofing	\$10,000	\$10,000				\$10,000	100.0%	\$0	
7.002	Thermal and Moisture Protection	\$1,000	\$1,000				\$1,000	100.0%	\$0	
7.003	Roofing and Flashing	\$27,000	\$27,000				\$27,000	100.0%	\$0	
7.004	Caulking	\$3,000	\$3,000				\$3,000	100.0%	\$0	
Subtotal for	Division 7	\$41,000	\$41,000.00			\$0	\$0	\$41,000	100.00%	\$0
		check	\$41,000			Check	\$41,000			
Division 8										
8.001	Access Hatches	\$7,000	\$7,000				\$7,000	100.0%	\$0	
8.002	Aluminum Doors, Frames and Glass	\$50,000	\$50,000				\$50,000	100.0%	\$0	
8.003	Door Hardware	\$20,000	\$20,000				\$20,000	100.0%	\$0	
Subtotal for	Division 8	\$77,000	\$77,000.00			\$0	\$0	\$77,000	100.00%	\$0
		check	\$77,000			Check	\$77,000			
Division 9										
9.001	Painting	\$60,000	\$60,000				\$60,000	100.0%	\$0	
Subtotal for	Division 9	\$60,000	\$60,000.00			\$0	\$0	\$60,000	100.00%	\$0
		check	\$60,000			Check	\$60,000			
Division 10										
10.001	Signs and Fire Extinguishers	\$900	\$0,900				\$900	100.0%	\$0	
Subtotal for	Division 10	\$900	\$900.00			\$0	\$0	\$900	100.00%	\$0
		check	\$900			Check	\$900			

Item No.	B Description of Work	C Scheduled Value	D		E		F Material Presently Stored (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H Percent Completed (G/C)	I Balance To Finish (C-G)
			From Previous Application	Work Completed		Amount				
				Percent	Amount					
Division 22										
22.001	Plumbing GC's	\$8,000	\$8,000				\$8,000	100.0%	\$0	
22.002	Plumbing Below Grade	\$7,000	\$7,000				\$7,000	100.0%	\$0	
22.003	Plumbing Above Grade	\$15,000	\$15,000				\$15,000	100.0%	\$0	
22.004	Plumbing Pipe	\$18,000	\$18,000				\$18,000	100.0%	\$0	
22.005	Heat, Chilled, Steam	\$4,000	\$4,000				\$4,000	100.0%	\$0	
22.006	Equipment	\$38,000	\$38,000				\$38,000	100.0%	\$0	
22.007	Plumbing Specialties	\$8,000	\$8,000				\$8,000	100.0%	\$0	
22.008	Demo	\$2,000	\$2,000				\$2,000	100.0%	\$0	
22.009	Insulation	\$5,000	\$5,000				\$5,000	100.0%	\$0	
Subtotal for	Division 22	\$105,000	\$105,000.00			\$0	\$0	\$105,000	100.00%	\$0
		check	\$105,000							
Division 23										
23.001	HVAC Ducts	\$44,000	\$44,000				\$44,000	100.0%	\$0	
23.002	HVAC Fans	\$2,500	\$2,500				\$2,500	100.0%	\$0	
23.003	HVAC Lovers / Grilles / Diffusers	\$2,500	\$2,500				\$2,500	100.0%	\$0	
23.004	HVAC Mechanical Equipment	\$44,000	\$44,000				\$44,000	100.0%	\$0	
23.005	HVAC Refrigeration Piping	\$4,000	\$4,000				\$4,000	100.0%	\$0	
23.006	HVAC Unit Heaters	\$6,000	\$6,000				\$6,000	100.0%	\$0	
23.007	Temp Controls	\$27,000	\$27,000				\$27,000	100.0%	\$0	
23.008	Start up / Testing and Balancing	\$3,000	\$3,000				\$3,000	100.0%	\$0	
Subtotal for	Division 23	\$133,000	\$133,000.00			\$0	\$0	\$133,000	100.00%	\$0
		check	\$133,000			Check	\$133,000			

Item No.	B Description of Work	C Scheduled Value	D		E		F Material Presently Stored (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H Percent Completed (G/C)	I Balance To Finish (C-G)
			From Previous Application	Work Completed		Amount				
				Percent	Amount					
Division 26										
26.001	Electrical GC's	\$45,000	\$45,000				\$45,000	100.0%	\$0	
26.002	Branch Wiring	\$35,000	\$35,000				\$35,000	100.0%	\$0	
26.003	Service / Distribution Equipment	\$85,000	\$85,000				\$85,000	100.0%	\$0	
26.004	Service / Distribution Wiring	\$45,000	\$45,000				\$45,000	100.0%	\$0	
26.005	Generator / ATS	\$170,000	\$170,000				\$170,000	100.0%	\$0	
26.006	Motor Control Equipment	\$220,000	\$220,000				\$220,000	100.0%	\$0	
26.007	Motor and Control Wiring	\$70,000	\$70,000				\$70,000	100.0%	\$0	
26.008	Control Panels	\$210,000	\$210,000				\$210,000	100.0%	\$0	
26.009	Instruments	\$75,000	\$75,000				\$75,000	100.0%	\$0	
26.010	Equipment and Start up	\$45,000	\$45,000				\$45,000	100.0%	\$0	
Subtotal for	Division 26	\$1,000,000	\$1,000,000.00			\$0	\$0	100.0%	\$0	
		check	\$1,000,000			Check	\$1,000,000			
Division 31										
31.001	Erosion Control / Silt Fence	\$15,000	\$15,000				\$15,000	100.0%	\$0	
31.002	Clear and Grub Site	\$15,000	\$15,000				\$15,000	100.0%	\$0	
31.003	Fine Grate and Restore Site	\$10,000	\$10,000				\$10,000	100.0%	\$0	
31.004	Reed Bed Excavation	\$50,000	\$50,000				\$50,000	100.0%	\$0	
31.005	Reed Bed Backfill	\$10,000	\$10,000				\$10,000	100.0%	\$0	
31.006	Clarifier Excavation	\$25,000	\$25,000				\$25,000	100.0%	\$0	
31.007	Clarifier Backfill	\$15,000	\$15,000				\$15,000	100.0%	\$0	
31.008	Reed Bed Liner - Sub	\$65,000	\$65,000				\$65,000	100.0%	\$0	
31.009	Reed Bed Aggregate Materials	\$80,000	\$80,000				\$80,000	100.0%	\$0	
31.010	Reed Plant Installation	\$85,000	\$76,500	10.00%	\$8,500		\$85,000	100.0%	\$0	
31.011	Reed Bed Water Balance Test	\$4,000	\$4,000				\$4,000	100.0%	\$0	
Subtotal for	Division 31	\$374,000	\$365,500.00			\$8,500	\$0	100.0%	\$0	
		check	\$365,500			Check	\$374,000			

Item No.	B Description of Work	C Scheduled Value	D Work Completed		E	F Material Presently Stored (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H Percent Completed (G/C)	I Balance To Finish (C-G)	
			From Previous Application	This Period						
				Percent						Amount
Division 32										
32.001	Aggregate Base Course	\$70,000	\$70,000				\$70,000	100.0%	\$0	
32.002	Paving	\$90,000	\$90,000				\$90,000	100.0%	\$0	
32.003	Sidewalks	\$30,000	\$30,000				\$30,000	100.0%	\$0	
32.004	Chain Link Fence	\$20,000	\$20,000				\$20,000	100.0%	\$0	
32.005	Seeding and Turf	\$25,000	\$25,000				\$25,000	100.0%	\$0	
Subtotal for	Division 32	\$235,000	\$235,000.00		\$0	\$0	\$235,000	100.00%	\$0	
		check	\$235,000			Check	\$235,000			
Division 33										
33.001	Water Lines - Materials & Labor	\$50,000	\$50,000				\$50,000	100.0%	\$0	
33.002	MH's & Storm - Materials & Labor	\$65,000	\$65,000				\$65,000	100.0%	\$0	
Subtotal for	Division 33	\$115,000	\$115,000.00		\$0	\$0	\$115,000	100.00%	\$0	
		check	\$115,000			Check	\$115,000			
Division 35										
35.001	Slide Gates	\$30,000	\$30,000				\$30,000	100.0%	\$0	
Subtotal for	Division 35	\$30,000	\$30,000.00		\$0	\$0	\$30,000	100.00%	\$0	
		check	\$30,000			Check	\$30,000			
Division 40										
40.001	Exterior Process Piping - Materials	\$200,000	\$200,000				\$200,000	100.0%	\$0	
40.002	Exterior Process Piping - Labor & Equip.	\$75,000	\$75,000				\$75,000	100.0%	\$0	
40.003	Interior Process Piping - Materials	\$225,000	\$225,000				\$225,000	100.0%	\$0	
40.004	Interior Process Piping - Labor & Equip	\$55,000	\$55,000				\$55,000	100.0%	\$0	
40.005	Process Valves	\$95,000	\$95,000				\$95,000	100.0%	\$0	
40.006	Misc Process Piping - Materials	\$20,000	\$20,000				\$20,000	100.0%	\$0	
40.007	Misc Process Piping - Labor	\$10,000	\$10,000				\$10,000	100.0%	\$0	
40.008	Process Piping Insulation	\$11,000	\$11,000				\$11,000	100.0%	\$0	
40.009	Instrumentation and Controls w/ Div 26						\$0	0.0%	\$0	
Subtotal for	Division 40	\$691,000	\$691,000.00		\$0	\$0	\$691,000	100.00%	\$0	
		check	\$691,000			Check	\$691,000			

Item No.	B Description of Work	C Scheduled Value	D Work Completed		E	F Material Presently Stored (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H Percent Completed (G/C)	I Balance To Finish (C-G)	
			From Previous Application	This Period						
				Percent						Amount
Division 41										
41.001	Monorails, Hoists and Trolleys	\$23,000	\$23,000				\$23,000	100.0%	\$0	
Subtotal for	Division 41	\$23,000	\$23,000.00		\$0	\$0	\$23,000	100.00%	\$0	
		check	\$23,000			Check	\$23,000			
Division 43										
43.001	Blower Assemblies	\$170,000	\$170,000				\$170,000	100.0%	\$0	
43.002	Centrifugal Pumps	\$55,000	\$55,000				\$55,000	100.0%	\$0	
43.003	Screw Centrifugal Pumps	\$35,000	\$35,000				\$35,000	100.0%	\$0	
43.004	Submersible Pumps	\$65,000	\$65,000				\$65,000	100.0%	\$0	
43.005	Automatic Samplers	\$8,000	\$8,000				\$8,000	100.0%	\$0	
43.006	Chemical Storage Tanks	\$15,000	\$15,000				\$15,000	100.0%	\$0	
43.007	Fiberglass Covers	\$130,000	\$130,000				\$130,000	100.0%	\$0	
Subtotal for	Division 43	\$478,000	\$478,000.00		\$0	\$0	\$478,000	100.00%	\$0	
		check	\$478,000			Check	\$478,000			
Division 46										
46.001	Peristaltic Metering Pumps	\$25,000	\$25,000				\$25,000	100.0%	\$0	
46.002	Submersible Mixers	\$95,000	\$95,000				\$95,000	100.0%	\$0	
46.003	Clarifier Equipment	\$200,000	\$200,000				\$200,000	100.0%	\$0	
46.004	Flexible Membrane Diffusers	\$70,000	\$70,000				\$70,000	100.0%	\$0	
Subtotal for	Division 46	\$390,000	\$390,000.00		\$0	\$0	\$390,000	100.00%	\$0	
		check	\$390,000			Check	\$390,000			
Grand Total		\$5,382,900	\$5,374,400		\$8,500	\$0	5,382,900	100.00%	\$0	

Mora, MN WWTF

Stored Materials & Equipment Summary

Gridor Constr., Inc.
3990 27th Street SE
Buffalo, MN 55313



Pay Req. No. 22
Period Ending: 7/31/2021

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total Installed to date	Amount Remaining In Storage
Grand Totals		\$5,382,900								
1.001	Mobilization	\$160,000								
1.002	Bonds and Insurance	\$45,000								
1.003	Building Permit	\$25,000								
Subtotal for	Division 1	\$230,000								

Division 2										
2.001	Demo Labor and Material - SITE	\$75,000								
2.002	Demo Labor and Material - Process	\$100,000								
Subtotal for	Division 2	\$175,000	\$0	\$0		\$0	\$0	\$0	\$0	\$0

Division 3										
3.001	F/P/I Concrete 1650 cy @ 420 cy	\$693,000	\$7,437			\$7,437	\$7,437		\$7,437	
3.002	Rebar Material	\$115,000	\$94,740			\$94,740	\$94,740		\$94,740	
3.003	Rebar Labor	\$90,000								
3.004	Precast Concrete	\$200,000								
Subtotal for	Division 3	\$1,098,000	\$102,177	\$0		\$102,177	\$102,177	\$0	\$102,177	\$0

Division 4										
4.001	Masonry	\$7,000								
Subtotal for	Division 4	\$7,000	\$0	\$0		\$0	\$0	\$0	\$0	\$0

Division 5										
5.001	Misc Metals - Materials	\$40,000	\$13,252			\$13,252	\$13,252		\$13,252	
5.002	Misc Metals - Labor	\$15,000								
Subtotal for	Division 5	\$55,000	\$13,252	\$0		\$13,252	\$13,252	\$0	\$13,252	\$0

Division 6										
6.001	Carpentry	\$5,000								
6.002	Plastic Fabrications (Weirs & Baffles)	\$30,000	\$22,925			\$22,925	\$22,925		\$22,925	
6.001	Structral Plastic Assemblies	\$30,000	\$25,000			\$25,000	\$25,000		\$25,000	
Subtotal for	Division 6	\$65,000	\$47,925	\$0		\$47,925	\$47,925	\$0	\$47,925	\$0

Mora, MN WWTF

Stored Materials & Equipment Summary

Gridor Constr., Inc.
3990 27th Street SE
Buffalo, MN 55313



Pay Req. No. 22
Period Ending: 7/31/2021

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total Installed to date	Amount Remaining In Storage
Division 7										
7.001	Dampproofing	\$10,000								
7.002	Thermal and Moisture Protection	\$1,000								
7.003	Roofing and Flashing	\$27,000								
7.004	Caulking	\$3,000								
Subtotal for	Division 7	\$41,000	\$0	\$0		\$0	\$0	\$0	\$0	\$0

Division 8										
8.001	Access Hatches	\$7,000	\$4,590			\$4,590	\$4,590		\$4,590	
8.002	Aluminum Doors, Frames and Glass	\$50,000	\$35,439			\$35,439	\$35,439		\$35,439	
8.003	Door Hardware	\$20,000	\$17,527			\$17,527	\$17,527		\$17,527	
Subtotal for	Division 8	\$77,000	\$57,556	\$0		\$57,556	\$57,556	\$0	\$57,556	\$0

Division 9										
9.001	Painting	\$60,000								
Subtotal for	Division 9	\$60,000	\$0	\$0		\$0	\$0	\$0	\$0	\$0

Division 10										
10.001	Signs and Fire Extinguishers	\$900								
Subtotal for	Division 10	\$900	\$0	\$0		\$0	\$0	\$0	\$0	\$0

Division 22										
22.001	Plumbing GC's	\$8,000								
22.002	Plumbing Below Grade	\$7,000								
22.003	Plumbing Above Grade	\$15,000								
22.004	Plumbing Pipe	\$18,000								
22.005	Heat, Chilled, Steam	\$4,000								
22.006	Equipment	\$38,000								
22.007	Plumbing Specialties	\$8,000								
22.008	Demo	\$2,000								
22.009	Insulation	\$5,000								
Subtotal for	Division 22	\$105,000	\$0	\$0		\$0	\$0	\$0	\$0	\$0

Division 23										
23.001	HVAC Ducts	\$44,000								
23.002	HVAC Fans	\$2,500								
23.003	HVAC Louvers / Grilles / Diffusers	\$2,500								
23.004	HVAC Mechanical Equipment	\$44,000								
23.005	HVAC Refrigeration Piping	\$4,000								
23.006	HVAC Unit Heaters	\$6,000								
23.007	Temp Controls	\$27,000								
23.008	Start up / Testing and Balancing	\$3,000								
Subtotal for	Division 23	\$133,000	\$0	\$0		\$0	\$0	\$0	\$0	\$0

Mora, MN WWTF

Stored Materials & Equipment Summary

Gridor Constr., Inc.
3990 27th Street SE
Buffalo, MN 55313



Pay Req. No. 22
Period Ending: 7/31/2021

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total Installed to date	Amount Remaining In Storage
Division 26										
26.001	Electrical GC's	\$45,000								
26.002	Branch Wiring	\$35,000								
26.003	Service / Distribution Equipment	\$85,000								
26.004	Service / Distribution Wiring	\$45,000								
26.005	Generator / ATS	\$170,000	\$43,161			\$43,161	\$43,161		\$43,161	
26.006	Motor Control Equipment	\$220,000								
26.007	Motor and Control Wiring	\$70,000								
26.008	Control Panels	\$210,000								
26.009	Instruments	\$75,000								
26.010	Equipment and Start up	\$45,000								
Subtotal for	Division 26	\$1,000,000	\$43,161	\$0		\$43,161	\$43,161	\$0	\$43,161	\$0

Division 31										
31.001	Erosion Control / Silt Fence	\$15,000								
31.002	Clear and Grub Site	\$15,000								
31.003	Fine Grate and Restore Site	\$10,000								
31.004	Reed Bed Excavation	\$50,000								
31.005	Reed Bed Backfill	\$10,000								
31.006	Clarifier Excavation	\$25,000								
31.007	Clarifier Backfill	\$15,000								
31.008	Reed Bed Liner - Sub	\$65,000	\$16,631			\$16,631	\$16,631		\$16,631	
31.009	Reed Bed Aggregate Materials	\$80,000								
31.010	Reed Plant Installation	\$85,000								
31.011	Reed Bed Water Balance Test	\$4,000								
Subtotal for	Division 31	\$374,000	\$16,631	\$0		\$16,631	\$16,631	\$0	\$16,631	\$0

Division 32										
32.001	Aggregate Base Course	\$70,000								
32.002	Paving	\$90,000								
32.003	Sidewalks	\$30,000								
32.004	Chain Link Fence	\$20,000								
32.005	Seeding and Turf	\$25,000								
Subtotal for	Division 32	\$235,000	\$0	\$0		\$0	\$0	\$0	\$0	\$0

Division 33										
33.001	Water Lines - Materials & Labor	\$50,000	\$8,180			\$8,180	\$8,180		\$8,180	
33.002	MH's & Storm - Materials & Labor	\$65,000	\$9,852			\$9,852	\$9,852		\$9,852	
Subtotal for	Division 33	\$115,000	\$18,032	\$0		\$18,032	\$18,032	\$0	\$18,032	\$0

Division 35										
35.001	Slide Gates	\$30,000	\$17,767			\$17,767	\$17,767		\$17,767	
Subtotal for	Division 35	\$30,000	\$17,767	\$0		\$17,767	\$17,767	\$0	\$17,767	\$0

Mora, MN WWTF

Stored Materials & Equipment Summary

Gridor Constr., Inc.
3990 27th Street SE
Buffalo, MN 55313



Pay Req. No. 22
Period Ending: 7/31/2021

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total Installed to date	Amount Remaining In Storage
Division 40										
40.001	Exterior Process Piping - Materials	\$200,000	\$146,468			\$146,468	\$146,468		\$146,468	
40.002	Exterior Process Piping - Labor & Equip.	\$75,000								
40.003	Interior Process Piping - Materials	\$225,000	\$84,806			\$84,806	\$84,806		\$84,806	
40.004	Interior Process Piping - Labor & Equip	\$55,000								
40.005	Process Valves	\$95,000	\$74,387			\$74,387	\$74,387		\$74,387	
40.006	Misc Process Piping - Materials	\$20,000								
40.007	Misc Process Piping - Labor	\$10,000								
40.008	Process Piping Insulation	\$11,000								
40.009	Instrumentation and Controls w/ Elec									
Subtotal for	Division 40	\$691,000	\$305,661	\$0		\$305,661	\$305,661	\$0	\$305,661	\$0
Division 41										
41.001	Monorails, Hoists and Trolleys	\$23,000								
Subtotal for	Division 41	\$23,000	\$0	\$0		\$0	\$0	\$0	\$0	\$0
Division 43										
43.001	Blower Assemblies	\$170,000	\$159,187			\$159,187	\$159,187		\$159,187	
43.002	Centrifugal Pumps	\$55,000								
43.003	Screw Centrifugal Pumps	\$35,000	\$29,600			\$29,600	\$29,600		\$29,600	
43.004	Submersible Pumps	\$65,000	\$55,757			\$55,757	\$55,757		\$55,757	
43.005	Automatic Samplers	\$8,000	\$6,934			\$6,934	\$6,934		\$6,934	
43.006	Chemical Storage Tanks	\$15,000								
43.007	Fiberglass Covers	\$130,000	\$119,914			\$119,914	\$119,914		\$119,914	
Subtotal for	Division 43	\$478,000	\$371,392	\$0		\$371,392	\$371,392	\$0	\$371,392	\$0
Division 46										
46.001	Peristaltic Metering Pumps	\$25,000	\$22,000			\$22,000	\$22,000		\$22,000	
46.002	Submersible Mixers	\$95,000	\$90,737			\$90,737	\$90,737		\$90,737	
46.003	Clarifier Equipment	\$200,000	\$157,792			\$157,792	\$157,792		\$157,792	
46.004	Flexible Membrane Diffusers	\$70,000	\$66,802			\$66,802	\$66,802		\$66,802	
Subtotal for	Division 46	\$390,000	\$337,331	\$0		\$337,331	\$337,331	\$0	\$337,331	\$0
Grand Totals		\$5,382,900	\$1,330,885	\$0		\$1,330,885	\$1,330,885	\$0	\$1,330,885	\$0



MEMORANDUM

Date: September 20, 2021
To: Public Utilities Commission
From: Lindy Crawford, Public Utilities General Manager
RE: Electric Cost of Service and Rate Design Study

SUMMARY

The PUC will receive a presentation on an Electric Cost of Service and Rate Design Study.

BACKGROUND INFORMATION

In April 2021, the PUC approved a proposal from Dave Berg Consulting, LLC (DBC) for an electric rate study with the purpose of analyzing our existing cost for services and forecasting our rate structure based on the electric utility's needs over the next five to ten years. Dave Berg will be at the PUC meeting to present the findings of the study. The study is also attached for review prior to the meeting.

OPTIONS AND IMPACTS

Review, listen, discuss, and ask questions about the study and presentation.

RECOMMENDATIONS

Motion to accept the Electric Cost of Service and Rate Design Study as presented.

Attachments

Final Electric Cost of Service and Rate Design Study



ELECTRIC COST OF SERVICE AND RATE DESIGN STUDY

Final Report

September 20, 2021



REPORT OUTLINE

Cover Letter

Section 1 - Introduction

Section 2 – Projected Operating Results – Existing Rates

Section 3 – Cost of Service

Section 4 – Proposed Rates



September 20, 2021

City of Mora, MN

101 Lake Street
Mora, MN 55051

Subject: Electric Rate Study

Commission Members:

Dave Berg Consulting, LLC has undertaken a study of the rates Mora Municipal Utilities charges its customers for electric service. This report summarizes the analyses undertaken and the resulting recommendations relative to the existing rates.

As a result of the analyses performed, no overall increase in rates is recommended at this time. However, based on the cost-of-service results, new electric rates have been designed for certain classes of customers to create overall rates more consistent with the allocated cost to serve different groups of customers. Details regarding proposed rate design are provided in Section 4 of the report. Many factors impact financial results over time, including: sales levels, operating expenses, and capital improvements. It is recommended that Mora monitor its financial performance on an ongoing basis and modify future rate adjustments as necessary.

Thank you for the opportunity to be of service to Mora through the conduct of this study. I wish to express my appreciation for the valuable assistance I received from Mora staff relative to the execution of this study.

Sincerely,

Dave Berg Consulting, LLC

A handwritten signature in black ink, appearing to read 'David A. Berg', written in a cursive style.

David A. Berg, PE
Principal

Dedicated to providing personal service to consumer-owned utilities

Dave Berg Consulting, LLC | 15213 Danbury Ave W, Rosemount, MN 55068 | 612-850-2305

www.davebergconsulting.com

Section 1

Introduction

The City of Mora, MN (Mora) through Mora Municipal Utilities owns and operates a municipal electric utility providing service to approximately 1,900 retail electric customers. This report has been prepared by Dave Berg Consulting, LLC to examine the rates and charges for electric service in Mora. The study includes an examination of the allocated cost of service based on 2020 utility operations (Test Year). It also includes projected operating results for FY 2021-2025 (Study Period). As a result of the analyses undertaken and reported on herein, electric rate recommendations have been developed for implementation by Mora.

Section 2

Projected Operating Results Existing Rates

The rates charged for electric service by Mora, combined with other operating and non-operating revenues, must be sufficient to meet the cost of providing services to Mora's retail electric customers. This is necessary to ensure the long-term financial health of Mora. The cost of providing electric service consists of normal operating expenses such as purchased power, transmission and distribution functions, customer and administrative functions, system depreciation expenses, capital improvements and other non-operating expenses.

An analysis of the operating results for Mora during the 2021-2025 Study Period has been performed assuming the current retail rates and charges remain in effect for the electric utility through the Study Period. This analysis has been done to determine the overall need, if any, for additional revenue through rates to meet projected revenue requirements. The analyses and assumptions utilized in these projections are explained below.

Estimated Revenues – Existing Rates

Retail Sales

Mora sells retail power and energy to residential, commercial and large general service customers. Mora has seen small increases in total sales recently, mostly in the residential class. Total sales during the Study Period are projected to increase slightly due to additional residential customers. Additionally, a new high school is assumed to begin service in 2023.

Exhibit 2-A is a summarized listing of Mora's historical and projected electric operating results at existing retail rates. The historical and projected revenues from retail sales of

Section 2

power and energy to different groups of customers are included in Operating Revenues as User Charges. Operating Revenues also includes other operating revenues including penalties, CIP reimbursements and other various miscellaneous revenues. Additionally, it includes payments from Southern Minnesota Municipal Power Agency (SMMPA), Mora's wholesale power provider, related to Mora's generating capacity under contract to SMMPA. These payments are assumed to be \$400,000 per year for the Study Period.

Revenue Requirements

Generation and Purchased Power

Mora currently meets its wholesale power and energy and transmission requirements through its wholesale power sales contract with SMMPA.

Mora's 2020 actual and 2021 estimated retail sales and wholesale requirements are shown in Table 2-1.

Table 2-1
Retail Sales
And Wholesale Requirements

Item	2020	2021
Retail Sales (kWh)	48,909,478	49,096,910
Losses/Unmetered (% of wholesale purchases)	4.8%	4.8%
Total Wholesale (kWh)	51,401,662	51,598,644

SMMPA implemented a 4% rate reduction to members in 2019. Those wholesale rates are still in effect and are assumed to remain in effect through the remainder of the Study Period. Mora also has certain local operating expenses related to its generating capacity.

Projected Operating Results – Existing Rates

Other Operating Expenses

Mora incurs other operating expenses associated with local electric system operations. Distribution operating and maintenance expenses are related to the substations, overhead and underground lines and customer facilities located in Mora. Customer accounting and collection expenses are directly related to service to individual customers. Administrative and general expenses are required for utility management, employee benefits, training and other administrative costs. These expenses are based on the Mora 2021 budget with annual inflation of 3% per year thereafter. Mora currently contracts with East Central Energy for certain operating services for its local distribution system. The projected operating results assume ending this contract and hiring 3 local line workers in 2022.

Depreciation

Mora has annual depreciation costs based on its system investments. Depreciation during the Study Period is based on budgeted Mora amounts and future capital improvements. Depreciation is a funded non-cash expense that generates monies available for annual capital improvements and reserves.

Non-operating Revenue (Expenses)

Mora's non-operating revenue (expense) is primarily associated with investment income and interest charges.

Debt Service

Mora has no current outstanding electric system debt. No additional debt is planned during the Study Period.

Section 2

Capital Improvements

Mora makes annual normal capital investments in its electric system. Annual electric capital improvements for the Study Period, as budgeted by Mora, are shown in Table 2-2 below.

Table 2-2
Capital Improvements by Year

Capital Item	2021	2022	2023	2024	2025
Total Capital	\$518,000	\$210,000	\$265,000	\$105,000	\$140,000

Projected Operating Results – Existing Rates

Based on the assumptions outlined above, the resulting projected operating results assuming continued application of the existing retail rates are summarized in Table 2-3 for the electric utility. A more detailed presentation of the operating results is shown in Exhibit 2-A.

Table 2-3
Projected Operating Results
Existing Rates

	2021	2022	2023	2024	2025
Operating Revenues	\$5,533,694	\$5,535,829	\$5,735,940	\$5,740,210	\$5,744,480
Less Operating Expenses	(5,245,229)	(5,569,466)	(5,783,938)	(5,842,867)	(5,897,881)
Plus Non -Operating Revenue (Expenses)	100,268	100,268	100,268	100,268	100,268
Plus Transfers In	7,860	7,860	7,860	7,860	7,860
Less Transfers Out	<u>(252,000)</u>	<u>(62,000)</u>	<u>(62,000)</u>	<u>(62,000)</u>	<u>(62,000)</u>
Change in Net Position	\$144,593	\$12,491	\$(1,870)	\$(56,529)	\$(107,273)
Net Position as Percent of Revenues	2.6%	0.2%	0.0%	-1.0%	-1.9%

Projected Operating Results – Existing Rates

Cash Reserves

A summary of the impact of the projected operating results on Mora’s cash reserves for the Study Period is shown at the end of Exhibit 2-A and in Table 2-4 below.

As shown below, under existing retail rates and estimated revenue requirements over the Study Period, the cash reserves for the electric utility are projected to remain steady during the Study Period. As shown in Table 2-4 below, the balance at the end of the Study Period is estimated to stay relatively stable, declining slightly from 126% of annual operating revenues to 122% of annual operating revenues.

Table 2-4
Projected Cash Reserves
Existing Rates

	2021	2022	2023	2024	2025
Beginning of Year	\$7,177,369	\$6,998,562	\$7,012,920	\$6,964,917	\$7,031,088
Plus Change in Net Position	144,593	12,491	(1,870)	(56,529)	(107,273)
Plus Depreciation	194,600	211,867	218,867	227,700	231,200
Less Capital Improvements	<u>(518,000)</u>	<u>(210,000)</u>	<u>(265,000)</u>	<u>(105,000)</u>	<u>(140,000)</u>
End of Year	\$6,998,562	\$7,012,920	\$6,964,917	\$7,031,088	\$7,015,015
As a percent of Operating Revenue	126%	127%	121%	122%	122%

City of Mora, MN
Electric Operating Results at Existing Rates

	Historical					Projected				
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
OPERATING REVENUES										
User Charges	\$ 5,052,838	\$ 4,965,782	\$ 5,066,004	\$ 4,893,278	\$ 4,826,426	\$ 5,033,306	\$ 5,035,441	\$ 5,235,552	\$ 5,239,822	\$ 5,244,092
Other Operating Revenues	558,432	534,137	653,116	955,849	506,853	500,388	500,388	500,388	500,388	500,388
Total Operating Revenues	\$ 5,611,270	\$ 5,499,919	\$ 5,719,120	\$ 5,849,127	\$ 5,333,279	\$ 5,533,694	\$ 5,535,829	\$ 5,735,940	\$ 5,740,210	\$ 5,744,480
OPERATING EXPENSES										
Employee salaries and benefits	\$ 438,735	\$ 426,765	\$ 441,841	\$ 499,506	\$ 485,973	\$ 580,416	\$ 928,458	\$ 956,312	\$ 985,002	\$ 1,014,552
Supplies	6,311	31,375	10,898	19,670	19,549	46,410	47,802	49,236	50,713	52,235
Professional services	-	-	-	1,304	19,697	123,372	65,273	67,231	69,248	71,326
Utilities	9,761	12,646	15,824	16,439	14,736	18,320	18,870	19,436	20,019	20,619
Depreciation	159,634	160,213	164,038	165,481	173,877	194,600	211,867	218,867	227,700	231,200
Purchased power	4,197,600	4,126,518	4,187,871	3,921,163	3,790,764	3,826,344	3,827,756	3,989,332	3,992,156	3,994,979
Miscellaneous	420,236	622,377	624,782	519,847	449,603	455,767	469,440	483,523	498,029	512,970
Total Operating Expenses	\$ 5,232,277	\$ 5,379,894	\$ 5,445,254	\$ 5,143,410	\$ 4,954,199	\$ 5,245,229	\$ 5,569,466	\$ 5,783,938	\$ 5,842,867	\$ 5,897,881
NET OPERATING INCOME	\$ 378,993	\$ 120,025	\$ 273,866	\$ 705,717	\$ 379,080	\$ 288,465	\$ (33,637)	\$ (47,998)	\$ (102,657)	\$ (153,401)
NON-OPERATING INCOME (EXPENSE)										
Investment income	\$ 139,665	\$ 124,967	\$ 132,797	\$ 233,869	\$ 177,452	\$ 100,268	\$ 100,268	\$ 100,268	\$ 100,268	\$ 100,268
Intergovernmental grants	-	-	-	1,386	-	-	-	-	-	-
Sale of capital asset	-	-	-	911	-	-	-	-	-	-
Change in pension	-	-	(233,417)	-	-	-	-	-	-	-
Miscellaneous	-	(23,069)	(50,836)	-	-	-	-	-	-	-
Interest expense	(865)	(210)	(547)	(764)	(374)	-	-	-	-	-
Total Non-Operating Revenues (Expenses)	\$ 138,800	\$ 101,688	\$ (152,003)	\$ 235,402	\$ 177,078	\$ 100,268	\$ 100,268	\$ 100,268	\$ 100,268	\$ 100,268
Transfers in	1,500	1,500	10,573	8,683	51,578	7,860	7,860	7,860	7,860	7,860
Transfers out	(67,836)	(52,694)	(65,514)	(58,816)	(59,643)	(252,000)	(62,000)	(62,000)	(62,000)	(62,000)
CHANGE IN NET POSITION	\$ 451,457	\$ 170,519	\$ 66,922	\$ 890,986	\$ 548,093	\$ 144,593	\$ 12,491	\$ (1,870)	\$ (56,529)	\$ (107,273)
as a percent of Operating Revenues	8.0%	3.1%	1.2%	15.2%	10.3%	2.6%	0.2%	0.0%	-1.0%	-1.9%
UNRESTRICTED CASH RESERVES										
Beginning of Year						\$ 7,177,369	\$ 6,998,562	\$ 7,012,920	\$ 6,964,917	\$ 7,031,088
Plus Change in Net Position						144,593	12,491	(1,870)	(56,529)	(107,273)
Plus Depreciation						194,600	211,867	218,867	227,700	231,200
Less Capital Improvements						(518,000)	(210,000)	(265,000)	(105,000)	(140,000)
End of Year					7,177,369	\$ 6,998,562	\$ 7,012,920	\$ 6,964,917	\$ 7,031,088	\$ 7,015,015
as a percent of Operating Revenues					135%	126%	127%	121%	122%	122%

Section 3

Cost-of-Service

A cost-of-service analysis was performed to determine the allocated cost to serve each of Mora's customer classes within the electric utility. Customer classes exist, in part, because the cost to serve different kinds of customers varies. The cost-of-service analysis has been performed on a 2020 'Test Year' based on actual 2020 financials, operations and sales. The results of the cost-of-service study give an indication of the degree of revenue recovery warranted for each class of customers. A comparison of the allocated cost to serve a class of customers and the actual revenues received from that class is taken into consideration during rate design.

Functionalization of Costs

Mora's Test Year electric revenue requirements have been divided into four functional categories. These categories are described below.

Power Supply – the production function is related to the cost of purchases from SMMPA and operating expenses related to Mora's generation less payments from SMMPA for contracted generation.

Distribution – distribution expenses are related to the Mora system for delivering power and energy to Mora customers. They include substation and distribution system costs.

Customer – these costs are fixed costs associated with the service facilities utilized to deliver electric power and energy directly to customers. They also include items such as meter reading, billing, collections and dealing with customers by customer service representatives.

Section 3

Revenue – revenue related costs include certain non-operating revenues, transfers and utility margin.

Table 3-1 below summarizes the functional electric costs for the 2020 Test Year. The detailed cost functions are shown in Exhibit 3-A.

Table 3-1
Functional Electric Costs
2020 Test Year

Component	Revenue Requirement
Power Supply	\$3,784,157
Distribution	649,693
Customer	131,076
Revenue	<u>205,375</u>
Total	\$4,770,301

Classification of Costs

Within each function, the revenue requirements have been divided into distinct cost classifications. These cost classifications are described below.

Demand Related – demand related costs are fixed costs that do not vary with hourly consumption. Demand related costs are required to meet the overall demand of the system as expressed in kW.

Energy Related – energy related costs vary based on hourly consumption in kWh.

Customer Related – costs related to serving, metering and billing of individual customers.

Revenue Related – revenue related costs vary by the amount of revenue received by the utility.

Exhibits 3-B through 3-D show the detailed classification of revenue requirements within the power supply, distribution and customer functions.

Allocation of Costs

Based on an analysis of customer class service characteristics, the classified costs summarized above were allocated to the major Mora customer classes. Allocation of costs was performed on a fully-distributed, embedded cost allocation basis. Specific allocation factors were utilized in each of the cost classification categories as described below. Exhibit 3-E contains a summary of the development of the various allocation factors.

Demand Allocations

Customer class demands on a system can be reflected in various ways. Two primary demand allocation types were utilized in this analysis. A common industry allocator known as Coincident Peak Demand (CP) allocator is utilized to allocate demand related costs based on each class' contribution to the system peak demand each month. A 12 CP demand allocator was utilized for production demand costs. A 1 CP demand allocator was utilized for transmission demand costs. A Non-coincident Peak Demand (NCP) reflects a class maximum demand regardless of when it occurs. A 1 NCP method, an estimate of each class' maximum annual demand on the local system, was utilized for allocating local system demand related costs.

Section 3

Energy Allocations

Each class' share of energy requirements was used to allocate energy related costs. Power supply energy related expenses were allocated based on each customer class' share of total energy requirements.

Customer Allocations

Two separate customer allocators were utilized. The customer facilities (CF) allocator was used to allocate costs associated with the physical facilities required to serve individual customers. The customer service (CS) allocator is for allocation of costs associated with customer service – meter reading, billing, collections and customer inquiries. For both the customer facilities and customer service allocators, a weighted customer allocation factor is developed. Weighting factors are developed to represent the difference in service configurations between customer classifications. For instance, a larger customer facility is required for a single large power customer than for a single residential customer, or a single large power customer requires more customer service than a single residential customer.

Revenue Allocations

Revenue related costs were allocated based on each class' share of total demand, energy, and customer related costs.

Cost of Service Results

Based on the classifications and allocations described above, the estimated cost to serve each major class of customers for the 2020 Test Year was determined. Exhibit 3-F presents this analysis in detail. Table 3-2 below summarizes the total allocated electric costs for each class compared to the total electric revenues received from the class during 2020.

Table 3-2
Electric Cost of Service Results
Comparison of Cost and Revenues
2020 Test Year

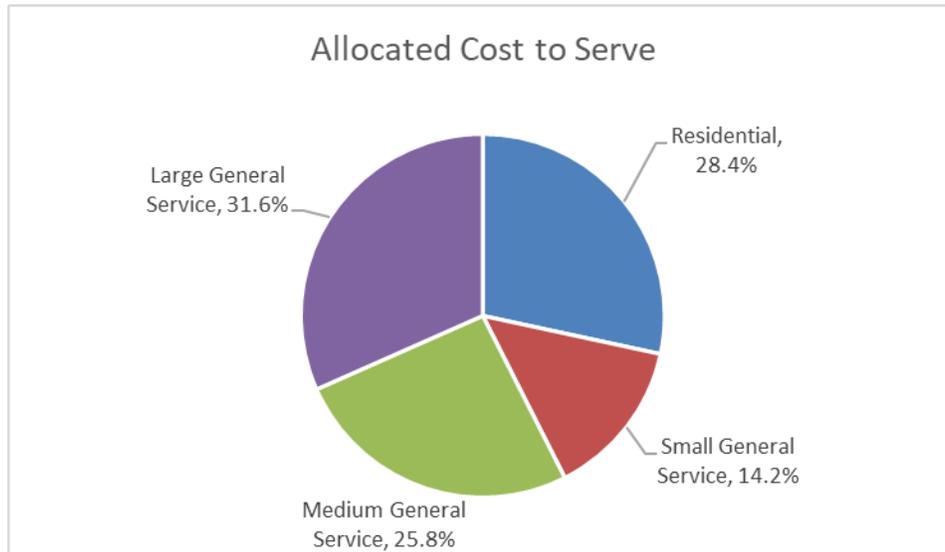
Customer Classification	Allocated Cost to Serve	Revenues
Residential	\$1,353,591	\$1,361,233
Small General Service	\$675,815	\$711,630
Medium General Service	\$1,231,999	\$1,239,739
Large General Service	<u>\$1,508,950</u>	<u>\$1,457,699</u>
Total	\$4,770,355	\$4,770,301

The revenue requirements and revenues as allocated to each class and summarized above are shown on a total dollar basis. Table 3-3 below makes the comparison based on percentages of total cost to serve and total revenues. The charts following Table 3-3 show a graphical comparison between allocated cost to serve and revenues as a percentage of the totals. The percentage increase/(decrease) in each class' revenue shown below is the adjustment necessary to produce revenues from each class in accordance with the allocated cost to serve. The percentage adjustments do not represent the recommended change in each class' rates. The cost-of-service results are one item for consideration in rate design. It is important to note also that the adjustments shown in the table below would not change the total revenue received by the utility and are not indicative of overall revenue needs of the utility going forward. Recommendations regarding rate design are included in Section 4 of this report.

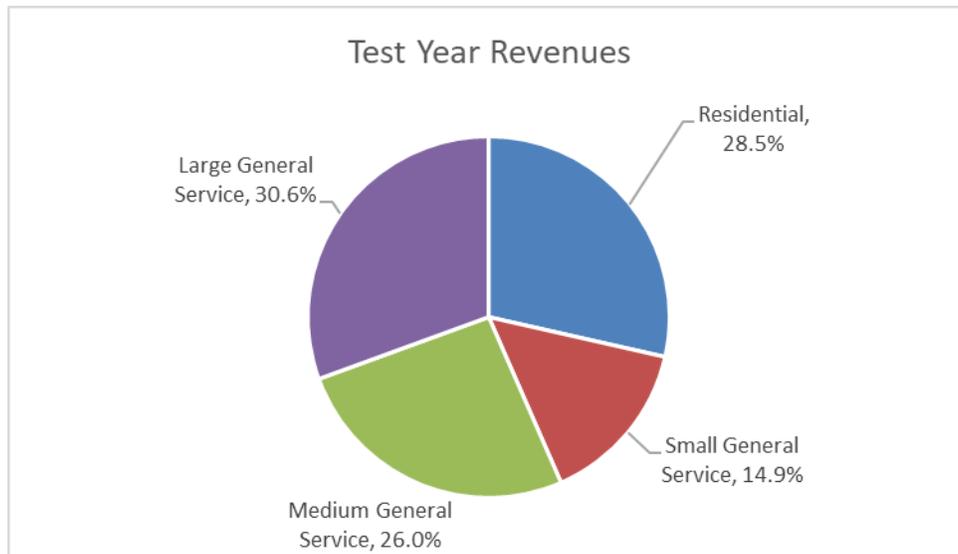
Section 3

**Table 3-3
Electric Cost of Service Results
Comparison of % Cost and Revenues
2020 Test Year**

Customer Classification	Allocated Cost to Serve	Revenues	Increase/ (Decrease)
Residential	28.4%	28.5%	-0.6%
Small General Service	14.2%	14.9%	-5.0%
Medium General Service	25.8%	26.0%	-0.6%
Large General Service	<u>31.6%</u>	<u>30.6%</u>	<u>3.5%</u>
Total	100.0%	100.0%	0.0%



Cost-of-Service



As indicated above, Mora's existing class revenues do not exactly match the allocated cost to serve each class. Cost based rates are one of several goals in establishing rates. The relationship between allocated costs and revenues for each class should be considered, in addition to other rate related goals, in developing recommended rates.

City of Mora, MN
Functionalization of 2020 Test Year Revenue Requirements

REVENUE REQUIREMENT	2020					Revenue Classification Basis
	<u>Test Year</u>	<u>Power Supply</u>	<u>Distribution</u>	<u>Customer</u>	<u>Revenue</u>	
Generation & Power Supply						
Wages & Salaries	46,941	46,941	-	-	-	100% power supply
PERA	3,495	3,495	-	-	-	100% power supply
FICA	2,702	2,702	-	-	-	100% power supply
Medicare	632	632	-	-	-	100% power supply
VEBA	154	154	-	-	-	100% power supply
Health Insurance	6,353	6,353	-	-	-	100% power supply
Life Insurance	92	92	-	-	-	100% power supply
Office Supplies	35	35	-	-	-	100% power supply
Cleaning Supplies	86	86	-	-	-	100% power supply
Motor Fuels	126	126	-	-	-	100% power supply
Other Operating Supplies	2,016	2,016	-	-	-	100% power supply
Uniforms	2,844	2,844	-	-	-	100% power supply
Repair/Maint - Bldg & Equip	989	989	-	-	-	100% power supply
Small Tools & Equipment	2,485	2,485	-	-	-	100% power supply
Meetings, Training & Travel	53	53	-	-	-	100% power supply
Advertising	467	467	-	-	-	100% power supply
Workers Comp Insurance	2,396	2,396	-	-	-	100% power supply
Water	1,275	1,275	-	-	-	100% power supply
Natural Gas - Heat	6,388	6,388	-	-	-	100% power supply
Garbage Removal	970	970	-	-	-	100% power supply
Sewer	961	961	-	-	-	100% power supply
Storm Water	176	176	-	-	-	100% power supply
Fuel Oil	16,100	16,100	-	-	-	100% power supply
Dues & Subscriptions	1,613	1,613	-	-	-	100% power supply
Miscellaneous	1,687	1,687	-	-	-	100% power supply
Generation Exp	9,691	9,691	-	-	-	100% power supply
Purchased Power	3,790,764	3,790,764	-	-	-	100% power supply
Maint of Structure	765	765	-	-	-	100% power supply
Maint of Gen Equip	10,763	10,763	-	-	-	100% power supply
Landfill Gen Exp	19,498	19,498	-	-	-	100% power supply
Landfill Generation						
Wages & Salaries	65,759	65,759	-	-	-	100% power supply
PERA	4,905	4,905	-	-	-	100% power supply
FICA	3,779	3,779	-	-	-	100% power supply
Medicare	884	884	-	-	-	100% power supply
VEBA	265	265	-	-	-	100% power supply
Health Insurance	12,108	12,108	-	-	-	100% power supply
Life Insurance	135	135	-	-	-	100% power supply
Workers Comp Insurance	2,549	2,549	-	-	-	100% power supply
Electric Distribution						
Wages & Salaries	103,160	-	103,160	-	-	100% distribution
PERA	7,704	-	7,704	-	-	100% distribution
FICA	5,893	-	5,893	-	-	100% distribution
Medicare	1,378	-	1,378	-	-	100% distribution
VEBA	603	-	603	-	-	100% distribution
Health Insurance	18,931	-	18,931	-	-	100% distribution
Life Insurance	218	-	218	-	-	100% distribution
Cleaning Supplies	59	-	59	-	-	100% distribution
Other Operating Supplies	335	-	335	-	-	100% distribution
Uniforms	2,162	-	2,162	-	-	100% distribution
Small Tools & Equipment	5,211	-	5,211	-	-	100% distribution
Engineering	19,430	-	19,430	-	-	100% distribution
Professional Services - Misc	2,031	-	2,031	-	-	100% distribution
ECE Services	34,609	-	34,609	-	-	100% distribution
Postage	278	-	278	-	-	100% distribution
Meetings, Training & Travel	12,162	-	12,162	-	-	100% distribution
Workers Comp Insurance	3,367	-	3,367	-	-	100% distribution
Miscellaneous	5,177	-	5,177	-	-	100% distribution

City of Mora, MN
Functionalization of 2020 Test Year Revenue Requirements

	2020					
REVENUE REQUIREMENT	<u>Test Year</u>	<u>Power Supply</u>	<u>Distribution</u>	<u>Customer</u>	<u>Revenue</u>	<u>Classification Basis</u>
Maint of Substation Equip	1,886	-	1,886	-	-	100% distribution
Maint of Overhead Lines	113,507	-	113,507	-	-	100% distribution
Maint of Underground Lines	4,987	-	4,987	-	-	100% distribution
Maint of St Lights & Signals	16,038	-	16,038	-	-	100% distribution
Maint of Meters	1,695	-	1,695	-	-	100% distribution
Maint of GIS	12,114	-	12,114	-	-	100% distribution
Misc Distribution Exp	19,561	-	19,561	-	-	100% distribution
Line Transformer Exp	11,047	-	11,047	-	-	100% distribution
Truck Expense	9,004	-	9,004	-	-	100% distribution
Electric Administration						
Wages & Salaries	163,839	55,861	51,132	56,846	-	admin allocator
PERA	11,508	3,924	3,592	3,993	-	admin allocator
FICA	9,515	3,244	2,970	3,301	-	admin allocator
Medicare	2,226	759	695	772	-	admin allocator
VEBA	885	302	276	307	-	admin allocator
Health Insurance	19,459	6,635	6,073	6,752	-	admin allocator
Life Insurance	375	128	117	130	-	admin allocator
Office Supplies	2,466	841	770	856	-	admin allocator
Other Operating Supplies	223	76	70	77	-	admin allocator
Uniforms	82	28	26	28	-	admin allocator
Small Tools & Equipment	430	147	134	149	-	admin allocator
Auditing	4,948	1,687	1,544	1,717	-	admin allocator
Engineering	267	91	83	93	-	admin allocator
Legal Services	3,714	1,266	1,159	1,289	-	admin allocator
Professional Services - Misc	20,829	7,102	6,500	7,227	-	admin allocator
Telephone	4,966	1,693	1,550	1,723	-	admin allocator
Postage	570	194	178	198	-	admin allocator
Meetings, Training & Travel	368	125	115	128	-	admin allocator
Advertising	61	21	19	21	-	admin allocator
Depreciation	173,877	16,306	132,557	25,014	-	plant in service
Insurance	33,181	3,112	25,296	4,773	-	plant in service
Workers Comp Insurance	4,248	1,448	1,326	1,474	-	admin allocator
Bad Debts/NSF Checks	120	-	-	120	-	100% customer
Dues & Subscriptions	10,442	3,560	3,259	3,623	-	admin allocator
Miscellaneous	576	196	180	200	-	admin allocator
Payment Processing Expenses	6,057	-	-	6,057	-	100% customer
Change in Pension	(7,925)	(2,702)	(2,473)	(2,750)	-	admin allocator
Cust UB/Collection	6,585	-	-	6,585	-	100% customer
Energy Conservation	44,856	44,856	-	-	-	100% power supply
Total Operating Expenses	4,954,196	4,173,801	649,693	130,702	-	

City of Mora, MN
Functionalization of 2020 Test Year Revenue Requirements

REVENUE REQUIREMENT	2020 <u>Test Year</u>	<u>Power Supply</u>	<u>Distribution</u>	<u>Customer</u>	<u>Revenue</u>	<u>Classification Basis</u>
Non-Operating Income (Expense)						
Investment income	177,452	-	-	-	177,452	100% revenue
Interest on Customer Deposits	<u>(374)</u>	<u>-</u>	<u>-</u>	<u>(374)</u>	<u>-</u>	100% customer
Total Non-Operating Income (Expenses)	177,078	-	-	(374)	177,452	
Other Operating Revenues						
Special Assess	1,616	-	-	-	1,616	100% revenue
NSF Serv Charge	540	-	-	-	540	100% revenue
Misc Income	3,649	-	-	-	3,649	100% revenue
SMMPA	389,644	389,644	-	-	-	100% power supply
CIP Reimburse	40,961	-	-	-	40,961	100% revenue
Penalties	55,085	-	-	-	55,085	100% revenue
Misc Service	4,729	-	-	-	4,729	100% revenue
Rent	6,888	-	-	-	6,888	100% revenue
Labor Sales	3,700	-	-	-	3,700	100% revenue
Bad Debt	41	-	-	-	41	100% revenue
Lighting	<u>42,227</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>42,227</u>	100% revenue
Total Other Operating Revenues	549,080	389,644	-	-	159,436	
Transfer Out	8,065	-	-	-	8,065	100% revenue
Margin	534,197	-	-	-	534,197	100% revenue
Total Revenue Requirement	\$ 4,770,301	\$ 3,784,157	\$ 649,693	\$ 131,076	\$ 205,375	

City of Mora, MN
2020 Test Year Power Supply Classification

REVENUE REQUIREMENT	2020	Power Supply	Transmission	Energy	Classification Basis
OPERATING EXPENSES	<u>Test Year</u>	<u>Demand</u>	<u>Demand</u>		
Generation & Power Supply					
Wages & Salaries	46,941	46,941	-	-	100% PS demand
PERA	3,495	3,495	-	-	100% PS demand
FICA	2,702	2,702	-	-	100% PS demand
Medicare	632	632	-	-	100% PS demand
VEBA	154	154	-	-	100% PS demand
Health Insurance	6,353	6,353	-	-	100% PS demand
Life Insurance	92	92	-	-	100% PS demand
Office Supplies	35	35	-	-	100% PS demand
Cleaning Supplies	86	86	-	-	100% PS demand
Motor Fuels	126	126	-	-	100% PS demand
Other Operating Supplies	2,016	-	-	2,016	100% energy
Uniforms	2,844	2,844	-	-	100% PS demand
Repair/Maint - Bldg & Equip	989	989	-	-	100% PS demand
Small Tools & Equipment	2,485	2,485	-	-	100% PS demand
Meetings, Training & Travel	53	53	-	-	100% PS demand
Advertising	467	467	-	-	100% PS demand
Workers Comp Insurance	2,396	2,396	-	-	100% PS demand
Water	1,275	1,275	-	-	100% PS demand
Natural Gas - Heat	6,388	6,388	-	-	100% PS demand
Garbage Removal	970	970	-	-	100% PS demand
Sewer	961	961	-	-	100% PS demand
Storm Water	176	176	-	-	100% PS demand
Fuel Oil	16,100	-	-	16,100	100% energy
Dues & Subscriptions	1,613	1,613	-	-	100% PS demand
Miscellaneous	1,687	1,687	-	-	100% PS demand
Generation Exp	9,691	9,691	-	-	100% PS demand
Purchased Power	3,790,764	1,055,711	309,261	2,425,792	per power supply
Maint of Structure	765	765	-	-	100% PS demand
Maint of Gen Equip	10,763	10,763	-	-	100% PS demand
Landfill Gen Exp	19,498	19,498	-	-	100% PS demand
Landfill Generation					
Wages & Salaries	65,759	65,759	-	-	100% PS demand
PERA	4,905	4,905	-	-	100% PS demand
FICA	3,779	3,779	-	-	100% PS demand
Medicare	884	884	-	-	100% PS demand
VEBA	265	265	-	-	100% PS demand
Health Insurance	12,108	12,108	-	-	100% PS demand
Life Insurance	135	135	-	-	100% PS demand
Workers Comp Insurance	2,549	2,549	-	-	100% PS demand
Electric Distribution					
Wages & Salaries	-	-	-	-	NA
PERA	-	-	-	-	NA
FICA	-	-	-	-	NA
Medicare	-	-	-	-	NA
VEBA	-	-	-	-	NA
Health Insurance	-	-	-	-	NA
Life Insurance	-	-	-	-	NA
Cleaning Supplies	-	-	-	-	NA
Other Operating Supplies	-	-	-	-	NA

City of Mora, MN
2020 Test Year Power Supply Classification

REVENUE REQUIREMENT	2020 <u>Test Year</u>	Power Supply <u>Demand</u>	Transmission <u>Demand</u>	<u>Energy</u>	<u>Classification Basis</u>
Uniforms	-	-	-	-	NA
Small Tools & Equipment	-	-	-	-	NA
Engineering	-	-	-	-	NA
Professional Services - Misc	-	-	-	-	NA
ECE Services	-	-	-	-	NA
Postage	-	-	-	-	NA
Meetings, Training & Travel	-	-	-	-	NA
Workers Comp Insurance	-	-	-	-	NA
Miscellaneous	-	-	-	-	NA
Maint of Substation Equip	-	-	-	-	NA
Maint of Overhead Lines	-	-	-	-	NA
Maint of Underground Lines	-	-	-	-	NA
Maint of St Lights & Signals	-	-	-	-	NA
Maint of Meters	-	-	-	-	NA
Maint of GIS	-	-	-	-	NA
Misc Distribution Exp	-	-	-	-	NA
Line Transformer Exp	-	-	-	-	NA
Truck Expense	-	-	-	-	NA
Electric Administration					
Wages & Salaries	55,861	55,861	-	-	100% PS demand
PERA	3,924	3,924	-	-	100% PS demand
FICA	3,244	3,244	-	-	100% PS demand
Medicare	759	759	-	-	100% PS demand
VEBA	302	302	-	-	100% PS demand
Health Insurance	6,635	6,635	-	-	100% PS demand
Life Insurance	128	128	-	-	100% PS demand
Office Supplies	841	841	-	-	100% PS demand
Other Operating Supplies	76	76	-	-	100% PS demand
Uniforms	28	28	-	-	100% PS demand
Small Tools & Equipment	147	147	-	-	100% PS demand
Auditing	1,687	1,687	-	-	100% PS demand
Engineering	91	91	-	-	100% PS demand
Legal Services	1,266	1,266	-	-	100% PS demand
Professional Services - Misc	7,102	7,102	-	-	100% PS demand
Telephone	1,693	1,693	-	-	100% PS demand
Postage	194	194	-	-	100% PS demand
Meetings, Training & Travel	125	125	-	-	100% PS demand
Advertising	21	21	-	-	100% PS demand
Depreciation	16,306	16,306	-	-	100% PS demand
Insurance	3,112	3,112	-	-	100% PS demand
Workers Comp Insurance	1,448	1,448	-	-	100% PS demand
Bad Debts/NSF Checks	-	-	-	-	100% PS demand
Dues & Subscriptions	3,560	3,560	-	-	100% PS demand
Miscellaneous	196	196	-	-	100% PS demand
Payment Processing Expenses	-	-	-	-	100% PS demand
Change in Pension	(2,702)	(2,702)	-	-	100% PS demand
Cust UB/Collection	-	-	-	-	100% PS demand
Energy Conservation	44,856	44,856	-	-	100% PS demand
Total Operating Expenses	4,173,801	1,420,632	309,261	2,443,908	

City of Mora, MN
2020 Test Year Power Supply Classification

REVENUE REQUIREMENT	2020 <u>Test Year</u>	Power Supply <u>Demand</u>	Transmission <u>Demand</u>	<u>Energy</u>	<u>Classification Basis</u>
Non-Operating Income (Expense)					
Investment income	-	-	-	-	NA
Interest on Customer Deposits	-	-	-	-	NA
Total Non-Operating Income (Expenses)	-	-	-	-	
Other Operating Revenues					
Special Assess	-	-	-	-	NA
NSF Serv Charge	-	-	-	-	NA
Misc Income	-	-	-	-	NA
SMMPA	389,644	358,880	-	30,764	per local gen costs
CIP Reimburse	-	-	-	-	NA
Penalties	-	-	-	-	NA
Misc Service	-	-	-	-	NA
Rent	-	-	-	-	NA
Labor Sales	-	-	-	-	NA
Bad Debt	-	-	-	-	NA
Lighting	-	-	-	-	NA
Total Other Operating Revenues	389,644	358,880	-	30,764	
Transfer Out	-	-	-	-	NA
Margin	-	-	-	-	NA
Total Revenue Requirement	\$ 3,784,157	\$ 1,061,752	\$ 309,261	\$ 2,413,144	

City of Mora, MN
2020 Test Year Distribution Classification

REVENUE REQUIREMENT	2020 <u>Test Year</u>	<u>Demand</u>	Customer <u>Facilities</u>	<u>Classification Basis</u>
Generation & Power Supply				
Wages & Salaries	-	-	-	NA
PERA	-	-	-	NA
FICA	-	-	-	NA
Medicare	-	-	-	NA
VEBA	-	-	-	NA
Health Insurance	-	-	-	NA
Life Insurance	-	-	-	NA
Office Supplies	-	-	-	NA
Cleaning Supplies	-	-	-	NA
Motor Fuels	-	-	-	NA
Other Operating Supplies	-	-	-	NA
Uniforms	-	-	-	NA
Repair/Maint - Bldg & Equip	-	-	-	NA
Small Tools & Equipment	-	-	-	NA
Meetings, Training & Travel	-	-	-	NA
Advertising	-	-	-	NA
Workers Comp Insurance	-	-	-	NA
Water	-	-	-	NA
Natural Gas - Heat	-	-	-	NA
Garbage Removal	-	-	-	NA
Sewer	-	-	-	NA
Storm Water	-	-	-	NA
Fuel Oil	-	-	-	NA
Dues & Subscriptions	-	-	-	NA
Miscellaneous	-	-	-	NA
Generation Exp	-	-	-	NA
Purchased Power	-	-	-	NA
Maint of Structure	-	-	-	NA
Maint of Gen Equip	-	-	-	NA
Landfill Gen Exp	-	-	-	NA
Landfill Generation				
Wages & Salaries	-	-	-	NA
PERA	-	-	-	NA
FICA	-	-	-	NA
Medicare	-	-	-	NA
VEBA	-	-	-	NA
Health Insurance	-	-	-	NA
Life Insurance	-	-	-	NA
Workers Comp Insurance	-	-	-	NA
Electric Distribution				
Wages & Salaries	103,160	63,957	39,203	Dist/Cust split
PERA	7,704	4,776	2,928	Dist/Cust split
FICA	5,893	3,654	2,239	Dist/Cust split
Medicare	1,378	854	524	Dist/Cust split

City of Mora, MN
2020 Test Year Distribution Classification

REVENUE REQUIREMENT	2020 <u>Test Year</u>	<u>Demand</u>	Customer <u>Facilities</u>	<u>Classification Basis</u>
VEBA	603	374	229	Dist/Cust split
Health Insurance	18,931	11,737	7,194	Dist/Cust split
Life Insurance	218	135	83	Dist/Cust split
Cleaning Supplies	59	37	22	Dist/Cust split
Other Operating Supplies	335	208	127	Dist/Cust split
Uniforms	2,162	1,340	822	Dist/Cust split
Small Tools & Equipment	5,211	3,231	1,980	Dist/Cust split
Engineering	19,430	12,046	7,384	Dist/Cust split
Professional Services - Misc	2,031	1,259	772	Dist/Cust split
ECE Services	34,609	21,457	13,152	Dist/Cust split
Postage	278	-	278	100% Cust facilities
Meetings, Training & Travel	12,162	7,540	4,622	Dist/Cust split
Workers Comp Insurance	3,367	2,087	1,280	Dist/Cust split
Miscellaneous	5,177	3,210	1,967	Dist/Cust split
Maint of Substation Equip	1,886	1,886	-	100% Dist demand
Maint of Overhead Lines	113,507	70,372	43,135	Dist/Cust split
Maint of Underground Lines	4,987	3,092	1,895	Dist/Cust split
Maint of St Lights & Signals	16,038	-	16,038	100% Cust facilities
Maint of Meters	1,695	-	1,695	100% Cust facilities
Maint of GIS	12,114	-	12,114	100% Cust facilities
Misc Distribution Exp	19,561	12,127	7,434	Dist/Cust split
Line Transformer Exp	11,047	-	11,047	100% Cust facilities
Truck Expense	9,004	5,582	3,422	Dist/Cust split
Electric Administration				
Wages & Salaries	51,132	31,701	19,431	Dist/Cust split
PERA	3,592	2,227	1,365	Dist/Cust split
FICA	2,970	1,841	1,128	Dist/Cust split
Medicare	695	431	264	Dist/Cust split
VEBA	276	171	105	Dist/Cust split
Health Insurance	6,073	3,765	2,308	Dist/Cust split
Life Insurance	117	73	44	Dist/Cust split
Office Supplies	770	477	292	Dist/Cust split
Other Operating Supplies	70	43	26	Dist/Cust split
Uniforms	26	16	10	Dist/Cust split
Small Tools & Equipment	134	83	51	Dist/Cust split
Auditing	1,544	957	587	Dist/Cust split
Engineering	83	52	32	Dist/Cust split
Legal Services	1,159	719	440	Dist/Cust split
Professional Services - Misc	6,500	4,030	2,470	Dist/Cust split
Telephone	1,550	961	589	Dist/Cust split
Postage	178	110	68	Dist/Cust split
Meetings, Training & Travel	115	71	44	Dist/Cust split
Advertising	19	12	7	Dist/Cust split
Depreciation	132,557	82,182	50,375	Dist/Cust split
Insurance	25,296	15,683	9,613	Dist/Cust split

City of Mora, MN
2020 Test Year Distribution Classification

REVENUE REQUIREMENT	2020 <u>Test Year</u>	<u>Demand</u>	Customer <u>Facilities</u>	<u>Classification Basis</u>
Workers Comp Insurance	1,326	822	504	Dist/Cust split
Bad Debts/NSF Checks	-	-	-	NA
Dues & Subscriptions	3,259	2,020	1,238	Dist/Cust split
Miscellaneous	180	111	68	Dist/Cust split
Payment Processing Expenses	-	-	-	NA
Change in Pension	(2,473)	(1,533)	(940)	Dist/Cust split
Cust UB/Collection	-	-	-	NA
Energy Conservation	-	-	-	NA
Total Operating Expenses	649,693	377,986	271,707	
Non-Operating Income (Expense)				
Investment income	-	-	-	NA
Interest on Customer Deposits	-	-	-	NA
Total Non-Operating Income (Expenses)	-	-	-	
Other Operating Revenues				
Special Assess	-	-	-	NA
NSF Serv Charge	-	-	-	NA
Misc Income	-	-	-	NA
SMMPA	-	-	-	NA
CIP Reimburse	-	-	-	NA
Penalties	-	-	-	NA
Misc Service	-	-	-	NA
Rent	-	-	-	NA
Labor Sales	-	-	-	NA
Bad Debt	-	-	-	NA
Lighting	-	-	-	NA
Total Other Operating Revenues	-	-	-	
Transfer Out	-	-	-	NA
Margin	-	-	-	NA
Total Revenue Requirement	\$ 649,693	\$ 377,986	\$ 271,707	

City of Mora, MN
2020 Test Year Customer Classification

REVENUE REQUIREMENT	2020 <u>Test Year</u>	<u>Customer</u>	<u>Classification Basis</u>
Generation & Power Supply			
Wages & Salaries	-	-	NA
PERA	-	-	NA
FICA	-	-	NA
Medicare	-	-	NA
VEBA	-	-	NA
Health Insurance	-	-	NA
Life Insurance	-	-	NA
Office Supplies	-	-	NA
Cleaning Supplies	-	-	NA
Motor Fuels	-	-	NA
Other Operating Supplies	-	-	NA
Uniforms	-	-	NA
Repair/Maint - Bldg & Equip	-	-	NA
Small Tools & Equipment	-	-	NA
Meetings, Training & Travel	-	-	NA
Advertising	-	-	NA
Workers Comp Insurance	-	-	NA
Water	-	-	NA
Natural Gas - Heat	-	-	NA
Garbage Removal	-	-	NA
Sewer	-	-	NA
Storm Water	-	-	NA
Fuel Oil	-	-	NA
Dues & Subscriptions	-	-	NA
Miscellaneous	-	-	NA
Generation Exp	-	-	NA
Purchased Power	-	-	NA
Maint of Structure	-	-	NA
Maint of Gen Equip	-	-	NA
Landfill Gen Exp	-	-	NA
Landfill Generation			
Wages & Salaries	-	-	NA
PERA	-	-	NA
FICA	-	-	NA
Medicare	-	-	NA
VEBA	-	-	NA
Health Insurance	-	-	NA
Life Insurance	-	-	NA
Workers Comp Insurance	-	-	NA
Electric Distribution			
Wages & Salaries	-	-	NA

City of Mora, MN
2020 Test Year Customer Classification

REVENUE REQUIREMENT	2020 <u>Test Year</u>	<u>Customer</u>	<u>Classification Basis</u>
PERA	-	-	NA
FICA	-	-	NA
Medicare	-	-	NA
VEBA	-	-	NA
Health Insurance	-	-	NA
Life Insurance	-	-	NA
Cleaning Supplies	-	-	NA
Other Operating Supplies	-	-	NA
Uniforms	-	-	NA
Small Tools & Equipment	-	-	NA
Engineering	-	-	NA
Professional Services - Misc	-	-	NA
ECE Services	-	-	NA
Postage	-	-	NA
Meetings, Training & Travel	-	-	NA
Workers Comp Insurance	-	-	NA
Miscellaneous	-	-	NA
Maint of Substation Equip	-	-	NA
Maint of Overhead Lines	-	-	NA
Maint of Underground Lines	-	-	NA
Maint of St Lights & Signals	-	-	NA
Maint of Meters	-	-	NA
Maint of GIS	-	-	NA
Misc Distribution Exp	-	-	NA
Line Transformer Exp	-	-	NA
Truck Expense	-	-	NA
Electric Administration			
Wages & Salaries	56,846	56,846	100% Customer
PERA	3,993	3,993	100% Customer
FICA	3,301	3,301	100% Customer
Medicare	772	772	100% Customer
VEBA	307	307	100% Customer
Health Insurance	6,752	6,752	100% Customer
Life Insurance	130	130	100% Customer
Office Supplies	856	856	100% Customer
Other Operating Supplies	77	77	100% Customer
Uniforms	28	28	100% Customer
Small Tools & Equipment	149	149	100% Customer
Auditing	1,717	1,717	100% Customer
Engineering	93	93	100% Customer
Legal Services	1,289	1,289	100% Customer
Professional Services - Misc	7,227	7,227	100% Customer

City of Mora, MN
2020 Test Year Customer Classification

	2020		
REVENUE REQUIREMENT	<u>Test Year</u>	<u>Customer</u>	<u>Classification Basis</u>
Telephone	1,723	1,723	100% Customer
Postage	198	198	100% Customer
Meetings, Training & Travel	128	128	100% Customer
Advertising	21	21	100% Customer
Depreciation	25,014	25,014	100% Customer
Insurance	4,773	4,773	100% Customer
Workers Comp Insurance	1,474	1,474	100% Customer
Bad Debts/NSF Checks	120	120	100% Customer
Dues & Subscriptions	3,623	3,623	100% Customer
Miscellaneous	200	200	100% Customer
Payment Processing Expenses	6,057	6,057	100% Customer
Change in Pension	(2,750)	(2,750)	100% Customer
Cust UB/Collection	6,585	6,585	100% Customer
Energy Conservation	-	-	NA
Total Operating Expenses	<u>130,702</u>	<u>130,702</u>	
Non-Operating Income (Expense)			
Investment income	-	-	NA
Interest on Customer Deposits	(374)	(374)	100% Customer
Total Non-Operating Income (Expenses)	<u>(374)</u>	<u>(374)</u>	
Other Operating Revenues			
Special Assess	-	-	NA
NSF Serv Charge	-	-	NA
Misc Income	-	-	NA
SMMPA	-	-	NA
CIP Reimburse	-	-	NA
Penalties	-	-	NA
Misc Service	-	-	NA
Rent	-	-	NA
Labor Sales	-	-	NA
Bad Debt	-	-	NA
Lighting	-	-	NA
Total Other Operating Revenues	<u>-</u>	<u>-</u>	
Transfer Out	-	-	NA
Margin	-	-	NA
Total Revenue Requirement	\$ 131,076	\$ 131,076	

City of Mora, MN
2020 Test Year Allocation Factors

	<u>Total</u>	<u>Residential</u>	<u>Small Gen Service</u>	<u>Medium Gen Service</u>	<u>Large Gen Service</u>
Demand Allocation Factors					
12 Coincident Peak (kW)	95,388	22,979	12,846	24,121	35,443
12 CP	100.0%	24.1%	13.5%	25.3%	37.2%
1 Coincident Peak (kW)	9,814	3,188	1,552	2,079	2,996
1 CP	100.0%	32.5%	15.8%	21.2%	30.5%
1 Non-coincident Peak (kW)	12,835	4,309	1,987	2,746	3,794
1 NCP	100.0%	33.6%	15.5%	21.4%	29.6%
Sum of Max Demands	178,841	64,595	33,208	36,186	44,852
SMD	100.0%	36.1%	18.6%	20.2%	25.1%
Energy Allocation Factors					
Retail Energy Req. (kWh)	48,615,072	12,095,885	6,793,047	13,419,740	16,306,400
RE	100.0%	24.9%	14.0%	27.6%	33.5%
Customers					
Number of Customers	1,883	1,597	252	31	3
CN	100.0%	84.8%	13.4%	1.6%	0.2%
Customer Facilities Allocation Factor					
Weighted Number of Cust	3,807	1,597	504	1,240	450
CF	100.0%	41.9%	13.2%	32.6%	11.8%
Customer Service Allocation Factor					
Weighted Number of Cust	2,141	1,597	378	155	30
CS	100.0%	74.6%	17.7%	7.2%	1.4%
Revenue Allocator					
Sum Other Rev Reqs	\$ 4,564,926	\$ 1,295,315	\$ 646,720	\$ 1,178,958	\$ 1,443,986
R	100.0%	28.4%	14.2%	25.8%	31.6%

City of Mora, MN
2020 Test Year Allocation of Revenue Requirements

	<u>Total</u>	<u>Residential</u>	<u>Small Gen Service</u>	<u>Medium Gen Service</u>	<u>Large Gen Service</u>	<u>Allocation Factor</u>
<u>Power Supply</u>						
Power Supply Demand	1,061,752	255,771	142,987	268,488	394,506	12 CP
Transmission Demand	309,261	100,472	48,897	65,498	94,393	1 CP
Energy	2,413,144	600,413	337,192	666,126	809,413	RE
Total Power Supply	\$ 3,784,157	\$ 956,656	\$ 529,076	\$ 1,000,112	\$ 1,298,313	
<u>Distribution</u>						
Demand	377,986	126,886	58,526	80,855	111,719	1 NCP
Customer Facilities	271,707	113,978	35,971	88,499	32,117	CF
Total Distribution	\$ 649,693	\$ 240,864	\$ 94,497	\$ 169,354	\$ 143,836	
<u>Customer</u>						
Customer Service	131,076	97,794	23,147	9,492	1,837	CS
Total Customer Service	\$ 131,076	\$ 97,794	\$ 23,147	\$ 9,492	\$ 1,837	
<u>Revenue</u>						
Transfer Out	8,065	2,288	1,143	2,083	2,551	R
Other NonOperating Income	(177,452)	(50,353)	(25,140)	(45,830)	(56,132)	R
Other Operating Revenues	(159,436)	(45,240)	(22,587)	(41,177)	(50,433)	R
Margin	534,197	151,581	75,681	137,964	168,978	R
Total Revenue	\$ 205,375	\$ 58,276	\$ 29,096	\$ 53,041	\$ 64,965	
Total Revenue Requirements	\$ 4,770,301	\$ 1,353,591	\$ 675,815	\$ 1,231,999	\$ 1,508,950	
Total Revenues	\$ 4,770,301	\$ 1,361,233	\$ 711,630	\$ 1,239,739	\$ 1,457,699	
Percent Revenue Requirements	100.0%	28.4%	14.2%	25.8%	31.6%	
Percent Revenues	100.0%	28.5%	14.9%	26.0%	30.6%	
Percent Change	0.0%	-0.6%	-5.0%	-0.6%	3.5%	
Revenue Req/kWh	0.098	0.112	0.099	0.092	0.093	
Revenue/kWh	0.098	0.113	0.105	0.092	0.089	

Section 4

Proposed Rates

Changes to rates are generally based on the overall need for revenues and results of the cost-of-service analyses. The projected operating results at existing rates as presented in Section 2 of this report outline the overall revenue needs of the electric utility. Section 3 summarizes the cost-of-service results. These factors have been considered in developing the proposed rates summarized in this section of the report.

Proposed Rates

Revenue Needs/Cash Reserves

In Section 2, it shows that Mora's projected annual change in net position, assuming continuation of the existing retail rates, stays reasonably steady between 2.6% and negative 1.9% of revenue during the Study Period. It is projected to be slightly negative after 2023. Projected cash reserves are projected to decrease slightly from \$7.2 million to \$7.0 million during the same period. In 2021 Mora increased all electric rates by approximately 4.2%. It is recommended that Mora not implement an additional overall rate increase in 2022 and continue to monitor financial results to determine if additional increases are required during the Study Period. Based on current projections of sales and expenses, Mora would not require additional increases through 2025.

Cash reserves are an important financial consideration for all utilities. Cash reserves can be viewed as an internal insurance policy to assist a utility with short term financial needs necessitated by an unexpected financial or operational event. Based on current projections, without a change in rates, reserves will decrease from 135% of operating revenues to 122% of operating revenues by the end of the Study Period. Each utility must assess its own policy regarding appropriate level of reserve funds. For a utility the size of Mora, this is an important consideration. The smaller the utility, generally the

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larger recommended reserves based on percentage of revenue. Mora's current level of reserves in the electric utility are at an adequate level relative to revenue.

Rate Design Adjustments

As described above, no overall increase in rates is currently recommended. However, based on the cost-of-service results summarized in Section 3, certain rate adjustments within certain classes are recommended. The overall impact of these adjustments is no overall increase or decrease in projected electric revenues. Exhibit 4-A shows the current rates and proposed rates for 2022. It is recommended that Mora monitor its financial performance on an ongoing basis and modify any future rate adjustments as necessary. Specific rate design for each class of customers is presented below.

Residential

The cost-of-service results do not indicate any need for adjustment of Residential revenues or rate design. No changes in current Residential rates are recommended.

Small General Service

Based on the cost-of-service results, a small reduction in Small General Service rates is warranted. The Small General Service energy charge is currently 7.7% higher than the Residential energy charge. It is recommended that the Small General Service energy charge be reduced to a level 4.5% higher than the Residential energy rate. The customer charges in this class are the same as the Residential customer charge for 1 phase customers and higher for 3 phase customers. It is recommended that the current customer charges remain as is. The changes recommended in this class will reduce overall revenues from the Small General Service class by 2.7%.

Medium and Large General Service

Medium and Large General Service customers bills are based on demand and energy for these customers combined with a customer charge. The customer charges for these

Proposed Rates

customers are the same as for the Residential and Small General Service 1 phase customers. As indicated above, 3 phase Small General Service customers pay a higher customer charge. It is recommended that the Medium General Service customer charge be increased to \$30 per month and the Large General Service customer charge be increased to \$50 per month. Both these customer classes have a demand charge of \$11.00 per kW-mo. Based on the cost-of-service analysis, it is recommended that this be raised to \$11.50 per kW-mo. for both classes. The Large General Service energy charge is currently 12% lower than the Medium General Service energy charge. This differential is larger than warranted. It is recommended that the Large General Service energy charge not be changed and the Medium General Service energy be reduced as shown in Exhibit 4-A. Based on the recommended adjustments, overall Medium General Service revenues will not change and Large General Service revenues will increase by 1.8%. These per class adjustments are warranted on a cost to serve basis.

Streetlights/Private Outdoor Lighting/Signals/Sirens

No changes are recommended to the Private Outdoor Lighting, Traffic Signal or Outdoor Warning Siren rates. Mora has two separate Street Light rates, one for Utility Owned lights and one for Customer owned lights. It is recommended that the energy rate for the Utility Owned Street Lights be lowered to match the energy rates for the Customer Owned street lights.

Projected Operating Results – Proposed Rates

The proposed rates, if enacted by Mora, do not change the overall revenues received by the electric utility. Certain customers will experience small increases or decreases, but the overall projected operating results and reserve levels will not materially change from the projections contained in Section 2 of this report.

Potential Increased Capital Requirements

As this report was being finalized, Mora staff received a draft electric system study that included recommended distribution system improvements for the period 2022-2031. An initial review of this report indicates that the capital improvements included in this rate

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study could increase by as much as \$1.1 million during the rate study period (2021-2025). If no retail rate adjustments are made during the rate study period, reserves would be reduced by up to \$1.1 million. This would reduce projected 2025 end of year reserves to approximately \$5.9 million. This level of reserves would still exceed 100% of annual operating revenues, which would still be an adequate level of overall reserves for the electric utility. The preliminary recommendations of the draft electric system do not alter the recommendations of this rate study.

City of Mora, MN
Existing and Proposed Rates

<u>Class</u>	2022	
	<u>Current Rate</u>	<u>Proposed Rate</u>
Residential		
Customer charge (per month)	\$ 13.38	\$ 13.38
All Energy (per kWh)	\$ 0.0957	\$ 0.0957
Rural Residential		
Customer charge (per month)	\$ 13.38	\$ 13.38
All Energy (per kWh)	\$ 0.1011	\$ 0.1011
Small General Service		
Customer charge - 1 phase (per month)	\$ 13.38	\$ 13.38
Customer charge - 3 phase (per month)	\$ 22.42	\$ 22.42
All Energy (per kWh)	\$ 0.1031	\$ 0.1000
Municipal Energy (per kWh)	\$ 0.0825	\$ 0.0825
Medium General Service		
Customer charge (per month)	\$ 13.38	\$ 30.00
All Energy (per kWh)	\$ 0.0664	\$ 0.0642
Demand (per kW)	\$ 11.00	\$ 11.50
Municipal Energy (per kWh)	\$ 0.0632	\$ 0.0632
Large General Service		
Customer charge (per month)	\$ 13.38	\$ 50.00
All Energy (per kWh)	\$ 0.0587	\$ 0.0587
Demand (per kW)	\$ 11.00	\$ 11.50
Street Lights - Utility Owned		
Customer charge (per month)	\$ 13.38	\$ 13.38
All Energy (per kWh)	\$ 0.1031	\$ 0.0825
Street Lights - Customer Owned		
Customer charge (per month)	\$ 13.38	\$ 13.38
All Energy (per kWh)	\$ 0.0825	\$ 0.0825
Private Outdoor Lighting (per month)		
LED 100W eq	\$ 11.84	\$ 11.84
LED 250W eq	\$ 17.69	\$ 17.69
100W HPS	\$ 11.84	\$ 11.84
200W HPS	\$ 14.48	\$ 14.48
250W HPS	\$ 17.69	\$ 17.69
400W HPS	\$ 20.95	\$ 20.95
1500W Quartz	\$ 55.60	\$ 55.60
Traffic Signal Service		
Customer charge (per month)	\$ 13.38	\$ 13.38
All Energy (per kWh)	\$ 0.0825	\$ 0.0825
Outdoor Warning Siren Service (per month)	\$ 1.00	\$ 1.00

Utility Billing Monthly Report Calendar Year 2021

Description	As of 1/31/2021	As of 2/28/2021	As of 3/31/2021	As of 4/30/2021	As of 5/31/2021	As of 6/30/2021	As of 7/31/2021	As of 8/31/2021	As of 9/30/2021	As of 10/31/2021	As of 11/30/2021	As of 12/31/2021
Total Account Balances	\$ 705,463.87	\$ 838,680.11	\$ 638,754.31	\$ 727,051.37	\$ 524,737.07	\$ 830,801.45	\$ 773,498.12	\$ 875,394.16				
Current Period	\$ 550,107.03	\$ 669,489.60	\$ 484,941.07	\$ 594,147.47	\$ 387,789.93	\$ 690,118.05	\$ 628,937.31	\$ 726,993.67				
1 Period Overdue	\$ 29,860.88	\$ 37,597.29	\$ 31,120.64	\$ 18,432.55	\$ 30,218.69	\$ 24,473.90	\$ 25,044.75	\$ 22,860.76				
2 Periods Overdue	\$ 8,883.94	\$ 16,142.17	\$ 8,959.81	\$ 10,881.69	\$ (381.13)	\$ 11,405.16	\$ 6,611.86	\$ 5,803.05				
3 Periods Overdue	\$ 116,610.92	\$ 115,451.05	\$ 113,732.79	\$ 103,589.66	\$ 107,109.58	\$ 104,585.98	\$ 112,869.35	\$ 119,736.68				
Total Penalty Balances on Accounts	\$ 8,647.92	\$ 10,826.67	\$ 6,257.44	\$ 6,504.45	\$ 7,606.26	\$ 8,447.95	\$ 10,694.29	\$ 13,571.98				
Past Due/Disconnection Notices Mailed (customer 30 days or more past due and missed payment on arrangements) *	55	51	73	53	53	58	52	51				
Utility Disconnects	2	0	4	2	6	8	10	3				
Missed Payments on Payment Agreement	2	0	2	1	3	1	1	1				
No Response to Past Due/Disc Notice/Door Tag	0	0	2	1	3	7	9	2				

* Does not include Quamba residents and water only accounts.

COMMENTS:

Credit balance for '3 Periods Overdue' is due to pre-payment on accounts, energy assistance, and a solar connection credits.

**Monthly Utility Account Adjustments Report
For Adjustments \$50.00 or higher**

DATE	SERVICE	QTY	AMOUNT	NOTES
MM YYYY				
08/2021	Penalties	-	-\$619.08	Penalty removal request for a commercial customer; approved the request as we hadn't removed penalties in 3+ years.
08/2021	Water Meter Horn Replacement	-	\$173.60	Cost of parts & labor was invoiced to Quamba customer early 2021- was left unpaid but now added to customer's utility account after discussion with City of Quamba.