MEETING AGENDA – APRIL 26, 2022

COMMUNITY ROOM
4000 EAST RIVER ROAD NE
ROCHESTER, MN  55906

4:00 PM

VIEWING AND ATTENDING THE ROCHESTER PUBLIC UTILITY BOARD MEETING

This meeting is open to the public and individuals may attend in person at the RPU Service Center, Community Room.

Livestreaming:
- Livestream the meeting or view after the meeting by copying this link into a web browser: Teams
- A video of the meeting will be available on the City’s website following the meeting

Calling in to the Teams Meeting:
- Call 1-347-352-4853
- Conference ID: 723 551 061#
- Press *6 to mute and unmute your phone

Call to Order
1. Approval of Agenda
2. Safety Moment
3. Consent Agenda
   1. Public Utility Board - Regular Meeting - Mar 22, 2022 4:00 PM
   2. Review of Accounts Payable
   3. Manhole Rebuild 2022
      Resolution: Manhole Rebuild 2022
   4. Manhole and Duct Bank Installation (Discovery Walk)
      Resolution: Manhole and Duct Bank Installation (Discovery Walk)

NEW BUSINESS

Open Comment Period
(This agenda section is for the purpose of allowing citizens to address the Utility Board. Comments are limited to 4 minutes, total comment period limited to 15 minutes. Any speakers not having the opportunity to be heard will be the first to present at the next Board meeting.)
4. **Regular Agenda**
   1. Audit Presentation - 2021 Annual Audit Results
      Resolution: 2021 Financial Audit Acceptance
   2. Billing, Credit and Collections Policy
      Resolution: Billing, Credit and Collections Policy
   3. 2030 Power Supply Resolution
      Resolution: 2030 Power Supply

5. **Informational**
   1. RPU Renewable Energy Objective
   3. Update on the Time of Use Rate and Neighbors Chipping In

6. **Board Liaison Reports**
   1. RPU Index of Board Policies

7. **General Managers Report**

8. **Division Reports & Metrics**
   1. Division Reports & Metrics - April 2022

9. **Other Business**

10. **Adjourn**

MEETING MINUTES – MARCH 22, 2022

COMMUNITY ROOM
4000 EAST RIVER ROAD NE
ROCHESTER, MN  55906

4:00 PM

VIEWING AND ATTENDING THE ROCHESTER PUBLIC UTILITY BOARD MEETING

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Call to Order

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<tr>
<td>Brett Gorden</td>
<td>Board Vice President</td>
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<tr>
<td>Patrick Keane</td>
<td>Board Member</td>
<td>Present</td>
<td></td>
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<tr>
<td>Tim Haskin</td>
<td>Board Member</td>
<td>Present</td>
<td></td>
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<tr>
<td>Melissa Graner Johnson</td>
<td>Board President</td>
<td>Present</td>
<td></td>
</tr>
<tr>
<td>Brian Morgan</td>
<td>Board Member</td>
<td>Present</td>
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1. Approval of Agenda

1. Motion to: approve the agenda as presented

RESULT: APPROVED [UNANIMOUS]
MOVER: Brian Morgan, Board Member
SECONDER: Brett Gorden, Board Vice President
AYES: Gorden, Keane, Haskin, Johnson, Morgan

2. Safety Moment

Board Member Patrick Keane spoke regarding the 5 E's of a good workplace safety plan: Education, Encouragement, Engineering, Enforcement and Evaluation.
3. Consent Agenda

1. Public Utility Board - Regular Meeting - Feb 22, 2022 4:00 PM

2. Review of Accounts Payable

3. Digger Derrick, Utility Body and Installation (V725)
   Resolution: Digger Derrick, Utility Body and Installation (V725)
   
   **BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve a resolution to accept the bid from Altec Inc. in the amount of $206,602.00 plus applicable tax for digger derrick, utility body and installation (V725).**

   Passed by the Public Utility Board of the City of Rochester, Minnesota, this 22nd day of March, 2022.

4. Distributed Generation Annual Report
   Resolution: Distributed Generation Annual Report
   
   **BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve the 2021 Distributed Generation Annual Report.**

   Passed by the Public Utility Board of the City of Rochester, Minnesota, this 22nd day of March, 2022.

5. Distributed Generation Tariff Schedule Update
   Resolution: Distributed Generation Tariff Schedule Update
   
   **BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve the Distributed Generation Tariff Schedule - Rules Covering Cogeneration and Small Power Production, Schedules 1 and 4.**

   Passed by the Public Utility Board of the City of Rochester, Minnesota, this 22nd day of March, 2022.

6. Customer Data Management Policy
   Resolution: Customer Data Management Policy
   
   **BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve the revised Customer Data Management Policy.**

   Passed by the Public Utility Board of the City of Rochester, Minnesota, this 22nd day of March, 2022.

7. Motion to: approve the consent agenda as presented

   | RESULT: | APPROVED [UNANIMOUS] |
   | MOVER:  | Patrick Keane, Board Member |
   | SECONDER: | Brian Morgan, Board Member |
   | AYES:   | Gorden, Keane, Haskin, Johnson, Morgan |

NEW BUSINESS

Open Comment Period

(This agenda section is for the purpose of allowing citizens to address the Utility Board. Comments are limited to 4 minutes, total comment period limited to 15 minutes. Any speakers not having the opportunity to be heard will be the first to present at the next Board meeting.)
President Johnson opened the meeting for public comment. No one came forward to speak.

4. **Consideration Of Bids**

   1. **Steel Transmission Poles**

   Sealed bids were opened on March 11, 2022 for the purchase of 13 tubular steel transmission poles and anchor cages for the Marion Road Substation project, as well as replacement of some 1970’s wood poles in that area. RPU received one bid from Meyer Utility Structures in the amount of $250,599.00, which is within the engineering estimate for the job. Materials Manager Andrew Bianco said that Meyer has performed well in the past and its manufacturing facility in Hager City, Wisconsin will be advantageous for transportation costs. Part of the project will be cost-shared with Mayo Clinic.

   Resolution: Steel Transmission Poles

   **BE IT RESOLVED** by the Public Utility Board of the City of Rochester, Minnesota, to approve a resolution to enter into an agreement with Meyer Utility Structures, LLC in the amount of $250,599.00 plus applicable tax for steel transmission poles for the Marion Road Substation project, and authorize the Mayor and the City Clerk to execute the agreement.

   Passed by the Public Utility Board of the City of Rochester, Minnesota, this 22nd day of March, 2022.

   RESULT: ADOPTED [4 TO 0]

   MOVER: Tim Haskin, Board Member
   SECONDER: Patrick Keane, Board Member
   AYES: Patrick Keane, Tim Haskin, Melissa Graner Johnson, Brian Morgan
   ABSTAIN: Brett Gorden

5. **Regular Agenda**

   1. **Addendum #1 to Memorandum of Understanding (MOU)**

   Engineering Manager Randy Anderton stated the original Memorandum of Understanding (MOU) between Mayo Clinic and City of Rochester for the construction of the Marion Road Substation was signed a little over two years ago, but part of the agreement was intentionally left out, the cost sharing of the duct and manhole system from the substation to the downtown end points, due to lack of design detail in duct count and conduit count. Board Member Brian Morgan asked what the original cost estimate was. The original cost estimate was $33.5 million, said Mr. Anderton, which increased to $44.2 million currently, due to additional scope added for RPU to install an express feeder from the Marion Road Substation to Mayo’s new Bus 10 and 11 downtown that will require river crossings, as well as increased material and labor costs. Mr. Morgan asked how the cost increase will affect the RPU budget. General Manager Mark Kotschevar replied that $35 million was approved by the board for the project budget, however the City Council voted to advertise to bid this project as part of the 9th Street reconstruction project and installation of the manhole and duct system, therefore staff will know the actual numbers in a month when bids are received. Staff will return to the board for approval of the increased budget once project pricing is known, he said. President Johnson asked how pausing the project might affect the contracts. Substation construction would not be paused but the duct and manhole portion which is not yet under contract could be paused, said Mr. Kotschevar.

   Board Member Patrick Keane asked for further detail on the cost sharing. RPU and
Mayo Clinic will share cost 50/50 for the engineering and design elements, said Mr. Anderton, but the construction and materials cost is tied to the duct work count and will be shared at 60% Mayo, 40% RPU responsibility. Mr. Keane asked if it is specifically a RPU-driven project or if there is shared overhead. Ultimately it’s an RPU project being done on behalf of Mayo, said Mr. Kotschevar, and Mayo is contributing to 50% of the RPU engineering and design staff overhead cost. Board Member Tim Haskin asked if Mayo joining the project adds greater scope to the project and what changes came about. It has added more street interruption and therefore more infrastructure cost, said Mr. Anderton. Mr. Haskin asked where the Mayo bus 10 and 11 are located. They are located in the new Mayo ramp next to Discovery Square, said Vice President Gorden. Mr. Morgan asked if approval of the MOU constitutes automatic approval of the increase in budget. No, said Mr. Kotschevar, the board is voting today on changes to the MOU and any formal budget request will come later when final costs are known. President Johnson requested that, as inflation increases, staff can keep the board apprised of priorities in budget making decisions.

Resolution: Addendum #1 to Memorandum of Understanding (MOU)

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve Addendum #1 to the Memorandum of Understanding (MOU) between the City of Rochester, a Minnesota municipal corporation, acting by and through its Public Utility Board and Mayo Clinic, and authorize the Mayor and the City Clerk to execute the agreement for RPU S.E. Substation Project (“Marion Road Substation”), and approval of any other attendant or subsequent resolutions or agreements consistent with this Memorandum of Understanding (MOU) as mutually approved by the General Manager and the City Attorney.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 22nd day of March, 2022.

RESULT: ADOPTED [4 TO 0]
MOVER: Patrick Keane, Board Member
SECONDER: Tim Haskin, Board Member
AYES: Patrick Keane, Tim Haskin, Melissa Graner Johnson, Brian Morgan
ABSTAIN: Brett Gorden

6. Informational

1. Draft Language for a Power Supply Resolution

Draft language for a resolution to begin executing on preliminary activities working towards RPU's 2030 Power Resource Plan was introduced to the board on January 25, 2022. It was requested that risks be determined and the draft updated with clearer language. RPU staff assembled a risk matrix of the two proposed power supply capacity resource options (natural gas fired peaking plant and battery storage) for the board to review, and ranked them based on relative impacts and mitigation of risks. A red-lined version of the draft language was also provided to the board with their inputs added, and states that no formal decision is being made on the capacity resource, but clarifies that RPU needs to expend funds to make sure both options remain viable options into the future due to the siting, routing and MISO interconnection process required.

President Johnson requested further clarification on items 12 and 13 of the risk matrix, number 12, LMP's (locational marginal pricing) in MISO significantly above forecast - CT (combustion turbine), and number 13, LMP's in MISO significantly
above forecast - battery. Director of Power Resources Jeremy Sutton said the risk was broken out based on impacts to a CT future and a battery future. LMP's pertain to load and generation. If prices go up on the load side, CT is used to hedge against higher prices for RPU customers. For example, during the Polar Vortex of 2019, prices reached $1,000/hour during that 36-hour period, which is the cap in MISO. But the CT backup on oil is RPU's price exposure, which was $230/hour. On the battery side, exposure can be greater depending on the duration of the battery as well as charging of the battery during extended hours. This is driven by extreme weather events over extended periods.

Board Member Tim Haskin asked how the risk scale was determined and what it is based on. Mr. Sutton stated there is a 1-7 scale in each category based on timing issues, with higher numbers being a lower risk for their proximity to the 2030 time frame, and a lower number representing a more immediate risk. Risk is also determined as a pricing risk, with the battery option on number 13 being twice as risky cost-wise over the CT option in number 12, said General Manager Mark Kotschevar. Board Member Patrick Keane asked if the risks will be updated every year as the time draws closer to 2030. These are all real risks that will need to be monitored, said Mr. Sutton. The risk matrix will be continually updated and used as a tool for the board to make a decision in choosing the best resource for the community, said Mr. Kotschevar. Mr. Morgan commented that it's hard to predict material pricing and project costs eight years out, but asked that the costs of the gas peaking plant and battery storage options be evaluated as a risk and monitored as technology changes.

Mr. Keane asked if the proposed $2 million project expenditures for preliminary activities in 2022 will come from operational funds. The funds will come from the project budget for professional services that will be needed to interconnect to the MISO queue, said Mr. Kotschevar. Staff will return to the board in 2023 to request additional funding for Resource Plan activities that will be necessary, and continue each year.

Mr. Kotschevar noted that a public comment email was received shortly before the beginning of the board meeting with concern about the draft language being too specific to a gas turbine or a battery and asking that the board remain open to other options in the future. RPU would never limit its Resource Plan to only two options, and if a new technology becomes available it will be evaluated, said Mr. Kotschevar, but for now, these are the proven, viable options that are economically feasible.

President Johnson stated she is comfortable moving forward with the draft language as-is, and asked board members if they were in agreement. Mr. Morgan requested to replace the bullet point “exceeding all city and state goals for greenhouse gas reductions from the electric sector” with “attaining 100% renewable energy on a net basis,” or tying it into the greenhouse gas statement. He also asked that the $2 million in expenses be broken down into activity costs, but not necessarily in the resolution. Board Member Tim Haskin said he would like to see something added about the board's role in financial stewardship, perhaps saying economic vibrancy means spending money wisely and not just referencing the City’s strategic priorities but RPU's strategic planning goals. Regarding activities cost and project timeline, those could be tied back to the project milestones charted in the 2030 Resource Plan, said Mr. Kotschevar. Mr. Morgan stated that would be helpful in understanding the project schedule and timeline.
President Johnson asked if board members would be comfortable voting on approval of the resolution language at the April meeting. Mr. Keane said he would be in favor of voting to keep the project tasks on schedule. Mr. Morgan said there would be value in meeting mid-month to review the language since the past year has been tumultuous. Mr. Sutton stated that if activities don’t start soon with regard to generator interconnection agreements and permitting, it may cause delays in meeting the 2030 goals. President Johnson said the board’s Strategic Planning committee could meet to discuss and refine the language prior to the next board meeting. Committee members Mr. Morgan and Mr. Haskin agreed.

7. **Board Liaison Reports**

The board's Strategic Planning Committee will meet to further evaluate the risk matrix associated with the board’s proposed power supply resolution and discuss language changes. The Billing, Credit and Collections policy will be revised to include changes to RPU’s late fee.

8. **General Managers Report**

The APPA National Conference and the MMUA Summer Conference are scheduled for June 10-15 in Nashville, Tennessee, and August 22-24 in Brainerd, Minnesota, respectively, and RPU Board Members are welcome to register.

Two RPU journeyman line crew teams and an apprentice team will compete in the APPA Lineworkers Rodeo March 25-26 in Austin, Texas.

The RPU water team won the American Water Works Association Minnesota Section Hydrant Hysteria competition and will compete at the national level in San Antonio, Texas in June.

RPU’s Annual Employee Recognition Breakfast will be held on May 3 and RPU Board Members are invited to attend.

RPU received the designation of meritorious achievement from the Minnesota Safety Council Governor’s Safety Award, based on the past three years of safety statistics.

The City Clerk's office will be introducing a new agenda preparation and software system for boards and commissions this summer, which will bring a new look and feel to the RPU board packet.

9. **Division Reports & Metrics**

Board Member Brian Morgan requested staff to report on lessons learned from the Time of Use rate pilot program and the Neighbors Chipping In program at the April or May board meeting. He also asked about an influx of dollars processed by customer care representatives in January 2022, at just over $3 million. Director of Corporate Services Peter Hogan stated this was the result of a lump sum of energy assistance funds and RentHelpMN funds received in January.

10. **Other Business**

11. **Adjourn**


Submitted by:
Approved by the Board

Secretary

Board President

Date
SUBJECT: Review of Accounts Payable

PREPARED BY: Colleen Keuten

ITEM DESCRIPTION:

UTILITY BOARD ACTION REQUESTED:
# ROCHESTER PUBLIC UTILITIES
## A/P Board Listing By Dollar Range
### For 03/11/2022 To 04/12/2022
#### Consolidated & Summarized Below 1,000

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<td>Schoeppner Inc</td>
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<td>Dakota Supply Group</td>
<td>10% Initial Progress Pmt-Transformers-Marion Rd, 183,010.00</td>
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<td>901 Tree Clearance, 127,627.99</td>
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<td>MN DEPT OF HEALTH</td>
<td>Community Water Supply Fee Jan-Mar 2022, 104,594.00</td>
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<td>11</td>
<td>Doble Engineering Company</td>
<td>4EA-Power Sys Simulator GPS Rec Antenna, 103,476.38</td>
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<td>Franklin Heating Station</td>
<td>CIP-Lighting (C&amp;I)-Incentives/Rebates, 102,616.97</td>
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<td>Rescue</td>
<td>72EA-SL Pole, 25', Residential, 21' Mtg, 64,961.96</td>
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<td>Baker Tilly US, LLP</td>
<td>2021 Audit Fees, 53,000.00</td>
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<td>3EA-Switch, PM, Air, 3PH, 2-600SW/2-200F, 50,610.00</td>
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*Attachment: Copy of AP Board 031122-041222 (14773 : Review of Accounts Payable)*
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<td>GRAYBAR ELECTRIC COMPANY INC</td>
<td>6000FT-Wire, Copper, 600V, #6 Str, XLP</td>
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<td>TWIN CITY SECURITY INC</td>
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<td>CITY OF ROCHESTER</td>
<td>Q1 Attorney Services</td>
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<td>MINNESOTA ENERGY RESOURCES CO</td>
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<td>RESCO</td>
<td>158EA-Grd Crp Conn, #2-250 To .750” Rod</td>
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<td>HAWKINS INC</td>
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<td>DELL MARKETING LP</td>
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<td>BURNSIDE ELLEN</td>
<td>Customer refunds 11138</td>
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<td>GRAYBAR ELECTRIC COMPANY INC</td>
<td>33EA-Bolt, 500-1000 kcmil</td>
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## ROCHESTER PUBLIC UTILITIES

### A/P Board Listing By Dollar Range

For 03/11/2022 To 04/12/2022

Consolidated & Summarized Below 1,000

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<th>#</th>
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<th>Price</th>
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<td>103</td>
<td>WIESER PRECAST STEPS INC (P) 1EA-Manhole, Straight Thru, 8' x 6' x 5'</td>
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<td>EPLUS TECHNOLOGY INC Substation Network Pilot Project</td>
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<td>U S A SAFETY SUPPLY 42EA-Shirt, FR, Hi-Vis</td>
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<td>MINNESOTA ENERGY RESOURCES CO Natural Gas - SC</td>
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<td>KATS EXCAVATING LLC SA Water Service Break</td>
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<td>CITY OF ROCHESTER Workers Comp Premium Installment #3</td>
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<td>STUART C IRBY CO INC 12EA-Fuse, End Fitting, SMU20, S&amp;C PME</td>
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<td>QUADIENT POSTAGE FINANCE USA Postage Payment</td>
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**Price Range Total:** 1,244,195.89

### 1,000 to 5,000:

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<td>NORTH RISK PARTNERS Builders Risk Insurance for Marion Rd Substation</td>
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<td>ARCHKEY TECHNOLOGIES dba System Ops Video Wall/TV Work</td>
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<td>ELITE CARD PAYMENT CENTER Employee Recognition-230 Hats w/Embroidery</td>
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<td>WHITE SPACE LLC 2022 Plugged In Design</td>
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<td>STUART C IRBY CO INC 2EA-Load Break Disconnect Tool</td>
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<td>IHEART MEDIA dba February Utility Scam Ads</td>
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<td>SCHNEIDER ELECTRIC SMART GRID Responder Adapter Implementation</td>
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<td>CONSOLIDATED COMMUNICATIONS d March 2022 Network and Co-location Services</td>
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<td>RESCO 12EA-Junction, NLB, 600A, 4-Position, w/</td>
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<td>QUANTITATIVE MARKET INTELLIGE Q1 2022 Customer Satisfaction Survey</td>
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<td>BIF 1EA-Flow Tube, Well #26</td>
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<td>ZIEGLER INC DG2 Load Bank Rental for IRG</td>
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<td>UNITED RENTALS INC Forklift Rental</td>
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<td>PYCO LLC Thermocouples</td>
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<td>DAKOTA SUPPLY GROUP 220GAL-Cable Pulling Lube</td>
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<td>STUART C IRBY CO INC 2022 Rubber Goods Testing &amp; Replacement</td>
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<td>ARCHKEY TECHNOLOGIES dba Mille Lacs and A110 Office Renovation</td>
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### 5,000 to 10,000:

**Price Range Total:** 1,244,195.89
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<td>MIRATECH GROUP LLC</td>
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<td>LRS OF MINNESOTA, LLC</td>
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<td>DYNAMIC LIFECYCLE INNOVATIONS</td>
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<td>HAWKINS INC</td>
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<td>JETTER CLEAN INC</td>
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<td>PARAGON DEVELOPMENT SYSTEMS I</td>
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<td>HATHAWAY TREE SERVICE INC</td>
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<td>SMIDT CONSTRUCTION</td>
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<td>BORDER STATES ELECTRIC SUPPLY</td>
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<td>MIRATECH GROUP LLC</td>
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<td>GRAYBAR ELECTRIC COMPANY INC</td>
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<td>187</td>
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## ROCHESTER PUBLIC UTILITIES
### A/P Board Listing By Dollar Range
#### For 03/11/2022 To 04/12/2022
Consolidated & Summarized Below 1,000

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<td>SOLARWINDS INC</td>
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### Price Range Total: 295,021.67

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**Price Range Total:** 295,021.67
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FOR BOARD ACTION

Agenda Item # (ID # 14717) Meeting Date: 4/26/2022

SUBJECT: Manhole Rebuild 2022

PREPARED BY: Andrew Bianco

ITEM DESCRIPTION:
Sealed bids for the 2022 manhole replacement project were opened on April 5, 2022. The base bid included demolition and reconstruction work for three (3) existing brick manholes and the removal and reconstruction of one (1) concrete manhole roof. Pricing for an additional manhole was added to the project scope as an alternate, should the costs align with the project budget. Along with the rebuilding costs of the manholes themselves, the solicitation included unit pricing for the street and sidewalk pavement portion of the project based on material estimates. This unit price portion of the project is likely to increase the costs, so staff is seeking contingency in the amount of $12,200, and approval for the RPU Project Manager to perform the acts to execute the project. The 2022 budget included $244,000 for this project. Costs that exceed the project budget will be paid from engineering’s allocation budget.

It is expected that this work will be completed no later than November 1, 2022.

The evaluated bid summary is as follows:

<table>
<thead>
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<th>Vendor</th>
<th>Evaluated Total</th>
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<tr>
<td>MasTec North America, Inc.</td>
<td>$ 236,166.51</td>
</tr>
<tr>
<td>Dig America</td>
<td>$ 247,158.50</td>
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</table>

Based on our evaluation of the bids, the lowest responsive bidder is MasTec North America, Inc., and staff has no concerns about their ability to perform successfully.

UTILITY BOARD ACTION REQUESTED:
Approve a resolution to accept the bid from MasTec North America, Inc., in the amount of $236,166.51, plus a contingency of $12,200, and authorize the Mayor and City Clerk to execute the agreement. Staff further recommends the Board authorize the RPU project manager to perform the acts necessary to execute the project.
Contract Signature Page
Manhole Rebuild 2022
Solicitation #2022-09

Contract Number: 22-40
Contractor Name: MasTec North America Inc
Contractor Address: 17385 Forest Blvd N, Hugo, MN 55038

Contract Price: $236,166.51

The contract documents as provided in the solicitation form the entire agreement between the parties and all contract documents are as fully a part of the agreement as if attached hereto or herein repeated. The hierarchy of contract documents is listed in order of precedence.

The contract documents shall consist of the following:

Contract Signature Page
IFB and General Terms and Conditions
Technical Specifications including any/all addendums and Special Terms
Instructions to Bidders
Contractor’s Proposal and Bid Form Supplements
Approved Change Orders
Responsible Contractor Certificate and Supplemental Certificate, if applicable.
Personnel Risk Assessment Form, if applicable.
Contractor Safety Acknowledgement
Purchase Order
Insurance Certificate
Exemption from Security Deposit (SDE), if applicable

MasTec North America Inc

Daniel Lennartson, Vice President

CITY OF ROCHESTER

Kim Norton, Mayor

Attest

Kelly K. Geistler, City Clerk

Approved as to Form:

Michael Spindler-Krage, City Attorney

ROCHESTER PUBLIC UTILITIES

Mark Kotschevar, General Manager
BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve the bid from MasTec North America, Inc., in the amount of $236,166.51, plus a contingency of $12,200.00, for the 2022 manhole rebuild project, and authorize the Mayor and City Clerk to execute the agreement. This resolution authorizes the RPU project manager to perform the acts necessary to execute the project.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 26th day of April, 2022.

________________________________________
President

________________________________________
Secretary
FOR BOARD ACTION

SUBJECT: Manhole and Duct Bank Installation (Discovery Walk)

PREPARED BY: Mona Hoeft

ITEM DESCRIPTION:
Sealed bids for installation of a segment of manholes and duct bank to carry electrical power and fiber cables to the downtown area from the Marion Road Substation were received on April 15, 2022. This project involves the installation of roughly 1,050 feet of concrete encased duct bank, four electrical vaults, thermal backfill and conduit between 2nd Ave SW between 4th and 5th Street SW in coordination with the Discovery Walk project. The project is expected to begin around May 9th with completion around June 10th.

The bid results, based on estimated unit pricing, are listed below.

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Bid</th>
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<tbody>
<tr>
<td>MasTec North America, Inc.</td>
<td>$569,245.85</td>
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<tr>
<td>Premier Electrical Corporation</td>
<td>$718,407.00</td>
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</table>

This is just a small segment of the budgeted $30.6 million substation project for the Marion Road substation. The 2022 budget included $578,000 for this portion on the duct line. The RPU team is comfortable with the MasTec bid and this contractor has performed well in the past. At this time, the RPU team is also seeking approval of a 10% contingency fund in the amount of $56,925 to cover any unanticipated construction issues while installing this in the street and authorizing the RPU Project Manager to perform the acts to execute the project.

UTILITY BOARD ACTION REQUESTED:

Approve a resolution to accept the bid from MasTec North America, Inc., in the amount of $569,245.85, plus a contingency of $56,925 and authorize the Mayor and City Clerk to execute the agreement. Staff further recommends the Board authorize the RPU project manager to perform the acts necessary to execute the project.
Contract Number: 22-58
Contractor Name: MasTec North America, Inc.
Contractor Address: 17385 Forest Blvd N, Hugo MN 55038
Contract Price: $569,245.85

The contract documents as provided in the solicitation form the entire agreement between the parties and all contract documents are as fully a part of the agreement as if attached hereto or herein repeated. The hierarchy of contract documents is listed in order of precedence.

The contract documents shall consist of the following, if applicable:

- Contract Signature Page
- IFB and General Terms and Conditions
- Technical Specifications including any/all addendums, clarifications and Special Terms
- Instructions to Bidders
- Contractor’s Proposal, Bid Form Supplement and Technical Exceptions
- Approved Change Orders
- Responsible Contractor Certificate and Supplemental Certificate
- Personnel Risk Assessment Form
- Contractor Safety Acknowledgement
- Purchase Order
- Insurance Certificate
- SDE Form

MASTEC NORTH AMERICA, INC.                        CITY OF ROCHESTER

__________________________________________    ______________________________
Dan Lennartson, Vice President                   Kim Norton, Mayor

Attest

__________________________________________    ______________________________
Kelly K. Geistler, City Clerk                    Mark Kotschevar, General Manager

Approved as to Form:

__________________________________________    ______________________________
Michael Spindler-Krage, City Attorney            MASTEC NORTH AMERICA, INC.

ROCHESTER PUBLIC UTILITIES
BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve the bid from MasTec North America, Inc., in the amount of $569,245.85, plus a contingency of $56,925.00, for the manhole and duct bank installation project, and authorize the Mayor and City Clerk to execute the agreement. This resolution authorizes the RPU project manager to perform the acts necessary to execute the project.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 26th day of April, 2022.

________________________________________
President

________________________________________
Secretary
SUBJECT: Audit Presentation - 2021 Annual Audit Results

PREPARED BY: Peter Hogan

ITEM DESCRIPTION:
On April 26, 2022, the Board Audit Committee reviewed the results of the 2021 financial audit with Aaron Worthman of Baker Tilly Virchow Krause, LLP. A brief overview of the audit process and results will be presented by Mr. Worthman.

UTILITY BOARD ACTION REQUESTED:
Recommend the Board accept the financial audit report and place on file.
BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to accept and place on file the 2021 audited financial report.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 26th day of April, 2022.

______________________________
President

______________________________
Secretary
SUBJECT: Billing, Credit and Collections Policy

PREPARED BY: Peter Hogan

ITEM DESCRIPTION:

At last month's board meeting, staff mentioned we would be bringing a couple of changes to the Billing, Credit, and Collections policy for the board to consider. The two changes relate to the late fee and payment arrangement terms. Those changes are summarized below. The board's Finance Committee has worked with staff on the recommended changes and the attached revised policy is now ready for full board consideration.

Late Fees

The board adopted a late payment fee on June 27, 2017. The late fee was delayed until after the implementation of the Cayenta billing system, and has been further delayed by board action in response to the peace time state of emergency. During the May 25, 2021 board meeting, the late fee implementation was delayed until April 15, 2022, which aligned with the end of the Cold Weather Rule (CWR) period. The current implementation has been moved to May 2, 2022, as this aligns with the new CWR period for 2022. During the same meeting, the late fee was modified to charge 1.0% per month on the average outstanding balance for the billing period with a minimum charge of $5 per month.

During the implementation process, it was discovered that the current billing system calculates the late fee based on the account balance as of the date a late event is triggered. This is when a payment is not made by the due date. The attached draft policy reflects this change.

While the Utility can charge a late fee of 1.0% as currently approved, our research discovered that the current interest rate that is charged by the City on past due tax bills is 8.0% per annum.

Management is recommending that the RPU board approve a change to the RPU late fee to 0.65% per billing period (7.8% annually) to be in alignment with the City's interest charge. The result of this change is any past due balance less than $769 will be charged the $5 minimum, while balances in excess of $769 will be charged the 0.65% per billing period late fee.

Payment Arrangements

Extended payment arrangements were implemented in response to the economic effects on customers during the pandemic. The current draft policy recommendation authorizes the Utility to enter into a payment arrangement of up to twelve months, compared to the current policy term of up to six months. During the board meeting of May 25, 2021, management asked for and was granted some flexibility with establishing payment arrangements up to 24 months, based on a customer's financial circumstances.

A redline copy of the Billing, Credit and Collections Policy is attached, and includes additional wording changes in addition to the Late Fee and Payment Arrangement changes that are meant to clarify the current policy and practices without changing the policy materially.

UTILITY BOARD ACTION REQUESTED:
Staff recommends the Board approve the amended Billing, Credit and Collections Policy
ROCHESTER PUBLIC UTILITIES BOARD POLICY STATEMENT

POLICY SUBJECT: Billing, Credit, and Collections

POLICY OBJECTIVE

To protect the rights of all our customers, the following policies have been established for the billing, credit and collection of reliable electric and water services provided by Rochester Public Utilities (RPU), as well as any billings on behalf of the City of Rochester or any other City departments.

BILLING

Monthly bills are issued for the following utility services; electric, water, and/or any billings on behalf of the City or other City Departments. Each utility meter is read on or near the same day each month so that approximately 28-30 days of usage is recorded. Bills are created, on average, within four (4) working days of the meter being read. The date the bill is created is known as the billing date. Customers have the option of receiving their bill via the US Postal service or electronically.

All utility charges for the services RPU provides are calculated in accordance with the Rate Schedule approved by the RPU Board of Directors and Rochester City Council. All utility charges for the services Rochester Public Works provides are calculated in accordance with City ordinances that have been approved by the Rochester City Council. Additional charges such as the disconnection or meter tampering fees are included in the Miscellaneous Fees Schedule.

FINAL BILL

It is the customer’s responsibility to notify RPU that service to an account address is ending at least three business days prior to the date of final service. A forwarding address must be provided. On the first business day or after the date specified by the customer (excluding weekends and holidays), a reading will be made and a final bill will be calculated.

MISCELLANEOUS BILL

A miscellaneous billing may include charges for materials, vendor-provided services, RPU labor and equipment and related overhead charges for service work, customer contributions in aid of capital construction, and/or the costs to repair damage to utility property. Miscellaneous charges billed will follow the same collection procedures as a monthly utility bill. An account will be created for those customers without a utility account and will fall under the same collection procedures.

CREDIT AND COLLECTIONS

PAYMENT TERMS

All billing statements will have a due date for payment approximately three weeks after the billing date. RPU allocates standard payments over all unpaid charges, paying the oldest charges first, and then in order of service; Water, Electric, Waste Water, Storm Water, Service Assured and any other miscellaneous fees. Assistance payments from third parties will be
applied per the agreement with the third-party assistance provider.

**LATE PAYMENT FEE**

All billing statements are due and payable on or before the due date. Bills not paid by the due date are subject to a late payment fee equal to 1.0065% of the average outstanding balance for the current billing period or $5, whichever is greater. The late fee will be added to the customer’s outstanding account balance. If the average outstanding balance amount is less than $20 or less, a late payment fee will not be added. In the event of a billing error, late payment fees assessed in error will be removed from the account as determined by RPU staff.

**PAYMENT OPTIONS**

**Budget Billing Plan**

RPU offers a voluntary **Budget Billing Plan** as a convenience for qualifying residential and small general service customers. The customer must have at least 12 months of utility bills at the service address and their account must be paid in full before signing up for this program. Upon annual reconciliation, credit balances or arrearage may be rolled over into the averaging amount for the upcoming year.

If the customer becomes delinquent on the **Budget Billing Plan**, the account will be removed from the **Budget Billing Plan** and returned to a regular payment status. Delinquencies may result in further collection action, if the account is not brought current. Customers that voluntarily remove themselves from their **Budget Billing Plan** will need 12 months of acceptable credit history to be eligible to go back on the **Budget Billing Plan**.

The **Budget Billing Plan** is a pre-arranged payment schedule and therefore no other payment arrangements are available. Customers disconnected for non-payment are not eligible for the **Budget Billing Plan**. Customers may become eligible to participate in the **Budget Billing Plan** program again after achieving an acceptable credit history as defined below.

**Automatic Bill Payments**

RPU will accept **automatic bill payments** made directly from a customer’s checking or savings account or from a credit/debit card. These payments are withdrawn on the bill due date. The customer must fill out a **Billing Options** form supplied by RPU Customer Care advisors or online at www.rpu.org. The customer will receive their monthly utility billing statement showing the payment amount to be withdrawn. The customer may contact RPU’s Customer Care advisors before the amount is withdrawn, if they do not agree with the billing or have questions.

If a customer’s payment is returned for insufficient funds or declined two times within 12 consecutive months, the customer may be removed from the **Automatic Bill Payments** program. All conditions in the **RETURNED PAYMENTS** section will apply.

**Payments on Disputed Amounts**

Payments for disputed bills must be sent to or made at the RPU Service Center at 4000 East River Rd NE, Rochester, MN 55906. Payments received through the standard PO Box address that appears on the remittance stub may be returned to the customer if payments and account balances per the remittance stub(s) do not match.
DEPOSITS

“Deposit” means an amount that is paid by the customer to assure payment on their account. A deposit may be required based on a customer’s credit rating or previous credit history with RPU and will be set at the time the customer establishes an account or when a disconnect occurs.

All deposits shall be in addition to payment of an outstanding bill or a part of such bill as has been resolved to the satisfaction of the utility except where such bill has been discharged in bankruptcy. Deposits may be required for a new customer, returning customer or for reconnection of service if it was disconnected for a delinquent balance that is in arrears. “Arrears” means the portion of the customer’s account representing charges for utility services or services that are past due. RPU considers these amounts past due on the calendar day following the due date on the billing. Payment of arrears is applied to the oldest delinquent balance.

All residential and commercial customers are required to pay a deposit when initiating a new electric and/or water service(s) account or adding a new service to their existing account. The deposit requirement for customers will only be waived, if;

1) the customer’s credit rating meets the established criteria verified by a third party or;
2) the customer has an existing account with acceptable credit history as defined below, or;
3) the commercial customer provides a guarantee. A non-revocable letter of credit can be provided if it is for 36 months and equal to the deposit amount.

The customer must provide and authorize the use of their full and legitimate identity information, including a Social Security Number for an individual, proprietorship, or partnership; or a Federal Employer Identification Number for all persons or entities applying for or guaranteeing payment, to facilitate a credit check. If the customer is unable or unwilling to provide this information, a deposit in accordance with this deposit policy will be required.

The deposit for residential customers will be calculated using the average of the previous 12 month’s billing times two at the service address. If the service has been vacant, usage from previous years may be used to calculate the deposit amount. If a prior history is not available for the service address, a deposit will be based on use of a like type of customer.

The deposit for commercial customers will be calculated using the two highest month’s bills from the previous 12 months at the service address if this is representative of the anticipated future use. If the service has been vacant, usage from previous years may be used to calculate the deposit amount. If a prior history is not available for the service address, a deposit will be based on use of a like type of customer.

The deposit payment is due before the service connection date. Refusal or failure by a customer to satisfy the deposit requirement(s) will result in discontinuance of service until such time as the deposit has been paid. When payment is received for the deposit, a communication will be delivered to the customer specifying the conditions of when the deposit will be refunded.

Deposit requirements for previous or existing customers
1) If a customer has a previous balance written off as uncollectible and requests new service, the uncollected amount and the deposit is due on or before the service
connection date.

2) If a previous customer, with no service currently, requests new service and they have more than one delinquent payment from their previous service within the most recent 24 months of account history for a residential customer or the most recent 36 months of account history for a commercial customer, a deposit is due on or before the service connection date.

3) If a person is transferring service from one service address to another and a deposit is required because of past payment history, the deposit payment is due on or before the service connection date.

4) An existing customer disconnected for non-payment may have a deposit or deposit upgrade required to be paid prior to the service reconnection.

ACCEPTABLE CREDIT HISTORY
An acceptable credit history is defined as meeting all of the requirements defined below within the past 24 months of account history for a residential account and within the past 36 months of account history for all other accounts:
- No non-pay disconnections
- No more than 1 delinquent notice
- No more than 1 late payment
- No returned checks or declined electronic payments because of insufficient funds or closed accounts
- No delinquent outstanding balance(s) from a prior account
- No bankruptcies within 7 years
- No uncollectible balances outstanding
- No unpaid miscellaneous billings

BANKRUPTCY
Customers who file for bankruptcy will be subject to the bankruptcy law in effect at the time of their filing. Customers filing for bankruptcy will be required to provide a deposit in order to continue service.

INTEREST
Interest on the deposit will be applied to the customer’s account as a credit on their monthly billing statement at least once each calendar year. The interest rate is calculated and published as provided in Minnesota Statutes, Section 325E.02.

TRANSFERS
Deposits are non-transferable from one applicant to another and are only payable to the original applicant.

REFUNDS
Residential deposits will be applied as a credit to the customer’s account at the end of 24 consecutive months, if an acceptable credit history has been established.

Commercial deposits will be applied as a credit to the customer’s account at the end of 36 consecutive months, if an acceptable credit history has been established.
For customers without an active service, the deposit and interest will be applied to their final bill. Remaining credit balances will be refunded within 45 days after the termination of service.

**RETURNED PAYMENTS**

Payments by check or ACH that are returned for non-sufficient funds (NSF), account closed or credit/debits that are declined, may result in the customer’s account becoming delinquent. The customer’s account will be assessed a return fee, as established by the Miscellaneous Fees Schedule, and Late Payment Fee, if applicable.

The account will immediately be subject to the Disconnection Procedure. If the customer has already been notified of a pending disconnection and their payment is returned by their bank, service will be disconnected without further notice.

A customer with more than two (2) of any combination of the following: NSF or account closed checks, declined ACH payments, or declined credit/debit card payments; within a twelve (12) month period, will be required to make future payments in cash, money order, cashier’s check, wire transfer or credit card until achieving an acceptable credit history as defined above.

**OVERPAYMENT & UNDERPAYMENT**

In the event a customer overpays their utility bill, and is not delinquent, the overpaid amount will remain on the account and be applied to the next bill. Overpayments caused by payments made via check or ACH may be subject to a waiting period before a refund is issued to ensure funds clear the customer’s bank.

For overpayments and underpayments as a result of a billing error, refer to Adjustment of Utility Services Billed.

Partial payments, although accepted, will not prevent disconnection of utility service(s) unless other payment arrangements are made with RPU staff.

**UTILITY PAYMENT ARRANGEMENTS FOR RESIDENTIAL AND COMMERCIAL CUSTOMERS (NON MILITARY PERSONNEL)**

Payment arrangements for past due balances are slightly different from a budget billing plan—because the average usage is not calculated. Under a payment arrangement, the customer will continue to pay for monthly usage but will have to include an additional amount to go toward the past due balance.

A. Commercial Customers.

1. Commercial customers that are disconnected or subject to disconnection for non-payment may request a payment arrangement. Payment arrangements for commercial customers shall be negotiated using a reasonable amount of time - not to exceed six-twelve months—for a commercial customer. Requests to exceed six–twelve month term shall be escalated to the Chief Financial Officer or the Chief Customer Relations Officer or their designee for approval. Once disconnected, payment for a minimum of three months arrears, and reconnection fee, as well as entering into a payment arrangement that will bring the account current will be required to restore services.
B. Residential Customers.

Minnesota Statute Section 216B.098 Subd. 3. states that RPU shall offer a payment agreement for the payment of arrears to all residential customers of public utilities. As set forth in the statute, RPU personnel negotiating payment agreements will consider a customer's financial circumstances and any extenuating circumstances of the household.

1. Customers that are disconnected for non-payment may request a payment arrangement that shall be negotiated using a reasonable amount of time not to exceed six-twelve months. Requests to exceed six-twelve months term shall be escalated to the Chief Financial Officer or the Chief Customer Relations Officer or their designee. As set forth in the statute, RPU personnel negotiating payment agreements will consider a customer's financial circumstances and any extenuating circumstances of the household. All payment arrangements shall include a reconnection fee and a minimum payment of three months of arrears. Once disconnected, payment for a minimum of three months arrears, and reconnection fee, as well as entering into a payment arrangement that brings the account current will be required to restore services.

2. No additional service deposit may be charged as a consideration to continue service to a customer who has entered into and maintains an accepted payment agreement in a reasonable fashion prior to disconnection. A customer who is disconnected for non-payment and has broken a payment arrangement, will be charged a deposit to reconnect the service, in accordance with the Billing, Credit and Collections policy.

3. If a customer needs to change the terms of the payment arrangements, RPU will work with customers on those changes, so long as the customer reaches out to RPU prior to breaking an established arrangement.

If a customer defaults on the agreed upon payment arrangement, their account will be flagged and the customer will be given one additional opportunity within the term (period) of the original payment arrangement to set up a new payment arrangement on the outstanding balance. If the customer does not make the payments as determined in the payment arrangement agreement, RPU has the option to disconnect their service for nonpayment following the normal disconnection process in place. Once service is disconnected, we may require full past due amounts, additional deposit and a disconnection/reconnection fee in order to restore services.

UTILITY PAYMENT ARRANGEMENTS FOR MILITARY SERVICE PERSONNEL

Minnesota Statute § 325E.028 states that RPU must not disconnect the utility service of a residential customer if a member of the household has been issued orders into active duty, for deployment, or for a permanent change in duty station during the period of active duty, deployment or change in duty station if such a residential customer:

1. Has a household income below the state median household income or is receiving energy assistance and enters into an agreement with RPU under which the residential customer pays ten percent of the customer’s gross monthly income toward the customer’s bill and the residential customer remains reasonably current with those payments; or
2. Has a household income above the state median household income and enters into an agreement with RPU establishing a reasonable payment schedule that considers the financial resources of the household and the residential customer remains reasonably current with payments under the payment schedule.

3. For purposes of this policy, “household income” means household income measured after the date of the orders specified in Minnesota Statute § 325E.028, section 3.

**ANNUAL NOTICE TO ALL CUSTOMERS; INABILITY TO PAY FORMS**

RPU must notify all residential customers annually of the provisions of this section.

RPU must provide a form to a residential customer to request the protections of this section upon the residential customer’s request.

**APPLICATION TO SERVICE LIMITERS**

For the purposes of this section “disconnection” includes a service or load limiter or any device that limits or interrupts electric service in any way.

**INCOME VERIFICATION**

Verification of income may be conducted by the local energy assistance provider or RPU unless the customer is automatically eligible for protection against disconnection as a recipient of any form of public assistance, including energy assistance that uses income eligibility in an amount at or below the income eligibility in section 3A.

**DELINQUENT ACCOUNTS AND DISCONNECTION OF SERVICE**

**PAST DUE ACCOUNTS**

Unpaid accounts shall be considered past due on the first calendar day following the due date.

**COLLECTION OF PAST DUE ACCOUNTS**

When all administrative efforts at collecting a past due account have been exhausted, alternative collection methods may be used, including but not limited to legal action, utilizing collection agencies, and/or submitting a claim to the local, state or Federal Revenue Recapture Programs.

RPU also reserves the right to assess delinquent electric, water, and/or any billings on behalf of the City or other City Department charges incurred by the property owner, against the property with Olmsted County through approved legal process for assessment, according to all state and local laws.

**DISCONNECTION OF SERVICE**

RPU shall attempt to collect delinquent accounts promptly. Where satisfactory arrangements for payment have not been made, and after notification requirements have been complied with, utility services will be disconnected. Please refer to the Involuntary Disconnection Policy for more detailed information.

*Emergency Situations*
Where it is necessary that the utility service be temporarily disconnected or connected to protect health, life or property, RPU will, at its discretion, take such action without charge or notice to the customer.

COLD WEATHER RULE
From October 1 to April 30, RPU acknowledges and complies with the State of Minnesota Cold Weather Rule for Municipal Utilities under Minnesota Statutes, Section 216B.097.

DECEASED CUSTOMER
Upon death of a customer, the service will be removed from that person’s name as quickly as possible. As soon as the death of a customer is known, RPU will send the family a letter giving them a sixty (60) day notice that the name needs to be changed on the account. In the event that service is not transferred within sixty (60) days, RPU reserves the right to discontinue service and apply the deposit (if applicable) to all outstanding balances owed to RPU in the name of the deceased individual’s account.

DISPUTES AND APPEAL

DISPUTED PROCESS
The customer may dispute a bill that they feel is in error by calling or writing to RPU. We will investigate all disputes. We will not disconnect a service for non-payment of a disputed bill provided: (1) the customer notifies us before the bill is delinquent and (2) the customer pays all other undisputed charges when due.

APPEAL PROCESS
When a customer is dissatisfied with action taken on his or her dispute, he or she has the right to appeal. A detailed written notice of the issue must be received by RPU within 30 days of the initial dispute. The appeal will be reviewed by RPU management to decide whether or not RPU policies and procedures have been administered properly on the customer’s behalf. Management will respond to the customer with their findings and any further course of action, if needed.

METER TAMPERING

TAMPERING/THEFT
RPU follows Minnesota Statutes, Sections 325E.026 and 609.52 with regards to the unauthorized use of utility meters and theft of service. All connections to RPU’s service equipment shall be made by RPU or RPU-authorized personnel only. Unauthorized connections to or tampering with any RPU meter, associated equipment or meter seals, or indications or evidence thereof subjects the customer to immediate discontinuance of service, prosecution under the laws of Minnesota, adjustment of prior bills for services rendered, and reimbursement to RPU for all legal and other expenses incurred on the account. Prior to service reconnection, the customer will be required to have an inspection of the meter completed at their own expense.
EFFECTIVE DATE OF POLICY: July 24, 1990

DATE OF POLICY REVISION: May 25, 2021

September 28, April 26, 2021

Board President

Date
RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve the amended Billing, Credit and Collections Policy.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 26th day of April, 2022.

____________________________________
President

____________________________________
Secretary
POLICY SUBJECT: Billing, Credit, and Collections

POLICY OBJECTIVE

To protect the rights of all our customers, the following policies have been established for the billing, credit and collection of reliable electric and water services provided by Rochester Public Utilities (RPU), as well as any billings on behalf of the City of Rochester or any other City departments.

BILLING

Monthly bills are issued for the following utility services; electric, water, and/or any billings on behalf of the City or other City Departments. Each utility meter is read on or near the same day each month so that approximately 28-30 days of usage is recorded. Bills are created, on average, within four (4) working days of the meter being read. The date the bill is created is known as the billing date. Customers have the option of receiving their bill via the US Postal service or electronically.

All utility charges for the services RPU provides are calculated in accordance with the Rate Schedule approved by the RPU Board of Directors and Rochester City Council. All utility charges for the services Rochester Public Works provides are calculated in accordance with City ordinances that have been approved by the Rochester City Council. Additional charges such as the disconnection or meter tampering fees are included in the Miscellaneous Fees Schedule.

FINAL BILL

It is the customer’s responsibility to notify RPU that service to an account address is ending at least three business days prior to the date of final service. A forwarding address must be provided. On the first business day or after the date specified by the customer (excluding weekends and holidays), a reading will be made and a final bill will be calculated.

MISCELLANEOUS BILL

A miscellaneous billing may include charges for materials, vendor-provided services, RPU labor and equipment and related overhead charges for service work, customer contributions in aid of capital construction, and/or the costs to repair damage to utility property. Miscellaneous charges billed will follow the same collection procedures as a monthly utility bill. An account will be created for those customers without a utility account and will fall under the same collection procedures.

CREDIT AND COLLECTIONS

PAYMENT TERMS

All billing statements will have a due date for payment approximately three weeks after the billing date. RPU allocates standard payments over all unpaid charges, paying the oldest charges first, and then in order of service; Water, Electric, Waste Water, Storm Water, Service Assured and any other miscellaneous fees. Assistance payments from third parties will be
applied per the agreement with the third-party assistance provider.

**LATE PAYMENT FEE**
All billing statements are due and payable on or before the due date. Bills not paid by the due date are subject to a fee equal to 0.65% of the outstanding balance for the current billing period or $5, whichever is greater. The fee will be added to the customer’s outstanding account balance. If the outstanding balance amount is less than $20, a fee will not be added. In the event of a billing error, fees assessed in error will be removed from the account as determined by RPU staff.

**PAYMENT OPTIONS**

*Budget Billing Plan*
RPU offers a voluntary Budget Billing Plan as a convenience for qualifying residential and small general service customers. The customer must have at least 12 months of utility bills at the service address and their account must be paid in full before signing up for this program. Upon annual reconciliation, credit balances or arrearage may be rolled over into the averaging amount for the upcoming year.

If the customer becomes delinquent on the Budget Billing Plan, the account will be removed from the Budget Billing Plan and returned to a regular payment status. Delinquencies may result in further collection action, if the account is not brought current. Customers that voluntarily remove themselves from their Budget Billing Plan will need 12 months of acceptable credit history to be eligible to go back on the Budget Billing Plan.

The Budget Billing Plan is a pre-arranged payment schedule and therefore no other payment arrangements are available. Customers disconnected for non-payment are not eligible for the Budget Billing Plan. Customers may become eligible to participate in the Budget Billing Plan program again after achieving an acceptable credit history as defined below.

*Automatic Bill Payments*
RPU will accept automatic bill payments made directly from a customer’s checking or savings account or from a credit/debit card. These payments are withdrawn on the bill due date. The customer must fill out a Billing Options form supplied by RPU Customer Care advisors or online at www.rpu.org. The customer will receive their monthly utility billing statement showing the payment amount to be withdrawn. The customer may contact RPU’s Customer Care advisors before the amount is withdrawn, if they do not agree with the billing or have questions.

If a customer’s payment is returned for insufficient funds or declined two times within 12 consecutive months, the customer may be removed from the Automatic Bill Payments program. All conditions in the RETURNED PAYMENTS section will apply.

*Payments on Disputed Amounts*
Payments for disputed bills must be sent to or made at the RPU Service Center at 4000 East River Rd NE, Rochester, MN 55906. Payments received through the standard PO Box address that appears on the remittance stub may be returned to the customer if payments and account balances per the remittance stub(s) do not match.

**DEPOSITS**
“Deposit” means an amount that is paid by the customer to assure payment on their account. A deposit may be required based on a customer’s credit rating or previous credit history with RPU and will be set at the time the customer establishes an account or when a disconnect occurs.

All deposits shall be in addition to payment of an outstanding bill or a part of such bill as has been resolved to the satisfaction of the utility except where such bill has been discharged in bankruptcy. Deposits may be required for a new customer, returning customer or for reconnection of service if it was disconnected for a delinquent balance that is in arrears. “Arrears” means the portion of the customer’s account representing charges for utility services or services that are past due. RPU considers these amounts past due on the calendar day following the due date on the billing. Payment of arrears is applied to the oldest delinquent balance.

All residential and commercial customers are required to pay a deposit when initiating a new electric and/or water service(s) account or adding a new service to their existing account. The deposit requirement for customers will only be waived, if;
1) the customer’s credit rating meets the established criteria verified by a third party or;
2) the customer has an existing account with acceptable credit history as defined below, or;
3) the commercial customer provides a guarantee. A non-revocable letter of credit can be provided if it is for 36 months and equal to the deposit amount.

The customer must provide and authorize the use of their full and legitimate identity information, including a Social Security Number for an individual, proprietorship, or partnership; or a Federal Employer Identification Number for all persons or entities applying for or guaranteeing payment, to facilitate a credit check. If the customer is unable or unwilling to provide this information, a deposit in accordance with this deposit policy will be required.

The deposit for residential customers will be calculated using the average of the previous 12 month’s billing times two at the service address. If the service has been vacant, usage from previous years may be used to calculate the deposit amount. If a prior history is not available for the service address, a deposit will be based on use of a like type of customer.

The deposit for commercial customers will be calculated using the two highest month’s bills from the previous 12 months at the service address if this is representative of the anticipated future use. If the service has been vacant, usage from previous years may be used to calculate the deposit amount. If a prior history is not available for the service address, a deposit will be based on use of a like type of customer.

The deposit payment is due before the service connection date. Refusal or failure by a customer to satisfy the deposit requirement(s) will result in discontinuance of service until such time as the deposit has been paid. When payment is received for the deposit, a communication will be delivered to the customer specifying the conditions of when the deposit will be refunded.

Deposit requirements for previous or existing customers
1) If a customer has a previous balance written off as uncollectible and requests new service, the uncollected amount and the deposit is due on or before the service connection date.
2) If a previous customer, with no service currently, requests new service and they have more than one delinquent payment from their previous service within the most recent 24 months of account history for a residential customer or the most recent 36 months of account history for a commercial customer, a deposit is due on or before the service connection date.

3) If a person is transferring service from one service address to another and a deposit is required because of past payment history, the deposit payment is due on or before the service connection date.

4) An existing customer disconnected for non-payment may have a deposit or deposit upgrade required to be paid prior to the service reconnection.

**ACCEPTABLE CREDIT HISTORY**

An acceptable credit history is defined as meeting all of the requirements defined below within the past 24 months of account history for a residential account and within the past 36 months of account history for all other accounts:

- No non-pay disconnections
- No more than 1 delinquent notice
- No more than 1 late payment
- No returned checks or declined electronic payments because of insufficient funds or closed accounts
- No delinquent outstanding balance(s) from a prior account
- No bankruptcies within 7 years
- No uncollectible balances outstanding
- No unpaid miscellaneous billings

**BANKRUPTCY**

Customers who file for bankruptcy will be subject to the bankruptcy law in effect at the time of their filing. Customers filing for bankruptcy will be required to provide a deposit in order to continue service.

**INTEREST**

Interest on the deposit will be applied to the customer’s account as a credit on their monthly billing statement at least once each calendar year. The interest rate is calculated and published as provided in Minnesota Statutes, Section 325E.02.

**TRANSFERS**

Deposits are non-transferable from one applicant to another and are only payable to the original applicant.

**REFUNDS**

Residential deposits will be applied as a credit to the customer’s account at the end of 24 consecutive months, if an acceptable credit history has been established.

Commercial deposits will be applied as a credit to the customer’s account at the end of 36 consecutive months, if an acceptable credit history has been established.

For customers without an active service, the deposit and interest will be applied to their final bill. Remaining credit balances will be refunded within 45 days after the termination of service.
RETURNED PAYMENTS
Payments by check or ACH that are returned for non-sufficient funds (NSF), account closed or credit/debits that are declined, may result in the customer’s account becoming delinquent. The customer’s account will be assessed a return fee, as established by the Miscellaneous Fees Schedule, and Late Payment Fee, if applicable.

The account will immediately be subject to the Disconnection Procedure. If the customer has already been notified of a pending disconnection and their payment is returned by their bank, service will be disconnected without further notice.

A customer with more than two (2) of any combination of the following: NSF or account closed checks, declined ACH payments, or declined credit/debit card payments; within a twelve (12) month period, will be required to make future payments in cash, money order, cashier’s check, wire transfer or credit card until achieving an acceptable credit history as defined above.

OVERPAYMENT & UNDERPAYMENT
In the event a customer overpays their utility bill, and is not delinquent, the overpaid amount will remain on the account and be applied to the next bill. Overpayments caused by payments made via check or ACH may be subject to a waiting period before a refund is issued to ensure funds clear the customer’s bank.

For overpayments and underpayments as a result of a billing error, refer to Adjustment of Utility Services Billed.

Partial payments, although accepted, will not prevent disconnection of utility service(s) unless other payment arrangements are made with RPU staff.

UTILITY PAYMENT ARRANGEMENTS FOR RESIDENTIAL AND COMMERCIAL CUSTOMERS (NON MILITARY PERSONNEL)
Payment arrangements for past due balances are different from a budget billing plan. Under a payment arrangement, the customer will continue to pay for monthly usage but will have to include an additional amount to go toward the past due balance.

A. Commercial Customers.
   1. Commercial customers that are disconnected or subject to disconnection for non-payment may request a payment arrangement. Payment arrangements for commercial customers shall be negotiated using a reasonable amount of time - not to exceed twelve months. Requests to exceed a twelve month term shall be escalated to the Chief Financial Officer or the Chief Customer Relations Officer or their designee for approval. Once disconnected, payment for a minimum of three months arrears, and reconnection fee, as well as entering into a payment arrangement that will bring the account current will be required to restore services.
B. Residential Customers.

Minnesota Statute Section 216B.098 Subd. 3. states that RPU shall offer a payment agreement for the payment of arrears to all residential customers of public utilities. As set forth in the statute, RPU personnel negotiating payment agreements will consider a customer's financial circumstances and any extenuating circumstances of the household.

1. Customers that are disconnected for non-payment may request a payment arrangement that shall be negotiated using a reasonable amount of time not to exceed twelve months. Requests to exceed twelve month term shall be escalated to the Chief Financial Officer or the Chief Customer Relations Officer or their designee. Once disconnected, payment for a minimum of three months arrears, and reconnection fee, as well as entering into a payment arrangement that brings the account current will be required to restore services.

2. No additional service deposit may be charged as a consideration to continue service to a customer who has entered into and maintains an accepted payment agreement in a reasonable fashion prior to disconnection.

3. If a customer needs to change the terms of the payment arrangements, RPU will work with customers on those changes, so long as the customer reaches out to RPU prior to breaking an established arrangement.

If a customer defaults on the agreed upon payment arrangement, their account will be flagged and the customer will be given one additional opportunity within the term (period) of the original payment arrangement to set up a new payment arrangement on the outstanding balance. If the customer does not make the payments as determined in the payment arrangement agreement, RPU has the option to disconnect their service for nonpayment following the normal disconnection process in place. Once service is disconnected, we may require full past due amounts, additional deposit and a disconnection/reconnection fee in order to restore services.

UTILITY PAYMENT ARRANGEMENTS FOR MILITARY SERVICE PERSONNEL

Minnesota Statute § 325E.028 states that RPU must not disconnect the utility service of a residential customer if a member of the household has been issued orders into active duty, for deployment, or for a permanent change in duty station during the period of active duty, deployment or change in duty station if such a residential customer:

1. Has a household income below the state median household income or is receiving energy assistance and enters into an agreement with RPU under which the residential customer pays ten percent of the customer’s gross monthly income toward the customer’s bill and the residential customer remains reasonably current with those payments; or

2. Has a household income above the state median household income and enters into an agreement with RPU establishing a reasonable payment schedule that considers the financial resources of the household and the residential customer remains reasonably current with payments under the payment schedule.

3. For purposes of this policy, “household income” means household income measured after the
date of the orders specified in Minnesota Statute § 325E.028.

ANNUAL NOTICE TO ALL CUSTOMERS; INABILITY TO PAY FORMS
RPU must notify all residential customers annually of the provisions of this section.

RPU must provide a form to a residential customer to request the protections of this section upon the residential customer’s request.

APPLICATION TO SERVICE LIMITERS
For the purposes of this section “disconnection” includes a service or load limiter or any device that limits or interrupts electric service in any way.

INCOME VERIFICATION
Verification of income may be conducted by the local energy assistance provider or RPU unless the customer is automatically eligible for protection against disconnection as a recipient of any form of public assistance, including energy assistance that uses income eligibility in an amount at or below the income eligibility in section 3A.

DELINQUENT ACCOUNTS AND DISCONNECTION OF SERVICE

PAST DUE ACCOUNTS
Unpaid accounts shall be considered past due on the first calendar day following the due date.

COLLECTION OF PAST DUE ACCOUNTS
When all administrative efforts at collecting a past due account have been exhausted, alternative collection methods may be used, including but not limited to legal action, utilizing collection agencies, and/or submitting a claim to the local, state or Federal Revenue Recapture Programs.

RPU also reserves the right to assess delinquent electric, water, and/or any billings on behalf of the City or other City Department charges incurred by the property owner, against the property with Olmsted County through approved legal process for assessment, according to all state and local laws.

DISCONNECTION OF SERVICE
RPU shall attempt to collect delinquent accounts promptly. Where satisfactory arrangements for payment have not been made, and after notification requirements have been complied with, utility services will be disconnected. Please refer to the Involuntary Disconnection Policy for more detailed information.

Emergency Situations
Where it is necessary that the utility service be temporarily disconnected or connected to protect health, life or property, RPU will, at its discretion, take such action without charge or notice to the customer.

COLD WEATHER RULE
From October 1 to April 30, RPU acknowledges and complies with the State of Minnesota Cold
Weather Rule for Municipal Utilities under Minnesota Statutes, Section 216B.097.

DECEASED CUSTOMER
Upon death of a customer, the service will be removed from that person’s name as quickly as possible. As soon as the death of a customer is known, RPU will send the family a letter giving them a sixty (60) day notice that the name needs to be changed on the account. In the event that service is not transferred within sixty (60) days, RPU reserves the right to discontinue service and apply the deposit (if applicable) to all outstanding balances owed to RPU in the name of the deceased individual’s account.

DISPUTES AND APPEAL

DISPUTED PROCESS
The customer may dispute a bill that they feel is in error by calling or writing to RPU. We will investigate all disputes. We will not disconnect a service for non-payment of a disputed bill provided: (1) the customer notifies us before the bill is delinquent and (2) the customer pays all other undisputed charges when due.

APPEAL PROCESS
When a customer is dissatisfied with action taken on his or her dispute, he or she has the right to appeal. A detailed written notice of the issue must be received by RPU within 30 days of the initial dispute. The appeal will be reviewed by RPU management to decide whether or not RPU policies and procedures have been administered properly on the customer’s behalf. Management will respond to the customer with their findings and any further course of action, if needed.

METER TAMPERING

TAMPERING/THEFT
RPU follows Minnesota Statutes, Sections 325E.026 and 609.52 with regards to the unauthorized use of utility meters and theft of service. All connections to RPU’s service equipment shall be made by RPU or RPU-authorized personnel only. Unauthorized connections to or tampering with any RPU meter, associated equipment or meter seals, or indications or evidence thereof subjects the customer to immediate discontinuance of service, prosecution under the laws of Minnesota, adjustment of prior bills for services rendered, and reimbursement to RPU for all legal and other expenses incurred on the account. Prior to service reconnection, the customer will be required to have an inspection of the meter completed at their own expense.
EFFECTIVE DATE OF POLICY: July 24, 1990
DATE OF POLICY REVISION: May 25, 2021
           April 26, 2022

Board President

Date
SUBJECT: 2030 Power Supply Resolution

PREPARED BY: Mark Kotschevar

ITEM DESCRIPTION:
At the January 25, 2022 and March 29, 2022 board meetings, the board reviewed and discussed draft language for a resolution to authorize staff to begin working on the first required steps to ensure the necessary capacity resource will be available by April of 2030. During the March meeting, we also discussed a risk matrix which outlined various risk scenarios along with potential impacts and mitigation strategies. The board requested additional information regarding the timing and cost estimates for the various first steps identified in the project timeline and to work with the strategic planning committee to provide additional input for this final draft of the resolution. Attached for reference is the risk matrix and the near term decision timeline. The resolution contains the requested detail on first steps and estimated costs, along with incorporating the input from the strategic planning committee. Staff will be available to further discuss the resolution and is seeking board approval of the resolution. If the board approves the resolution, it will move on to the common council for their concurrence.

UTILITY BOARD ACTION REQUESTED:
Approve the 2030 Power Resource Resolution
<table>
<thead>
<tr>
<th>Risk Number</th>
<th>Risk Event Statement</th>
<th>Risk Score</th>
<th>Risk Event Date</th>
<th>Risk Score Last Time</th>
<th>Weeks on Risk Status Report</th>
<th>Status of Response</th>
<th>Responsible</th>
<th>Description of Response Activities</th>
<th>Monitoring Activities</th>
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<tbody>
<tr>
<td>Provide a unique identifier for risk</td>
<td>A risk event statement states (i) what might happen in the future and (ii) its possible impact on the project. &quot;Weather&quot; is not a risk event statement. &quot;Bad weather may delay the project&quot; is a risk event statement.</td>
<td>23</td>
<td>2/28/2022</td>
<td>P</td>
<td>Enter the date the risk (not the entire log) was updated</td>
<td>Enter here N (No Plan); P (Plan but not enacted); PE (Plan)</td>
<td>Jeremy Sutton</td>
<td>Partner with other projects</td>
<td>How to best monitor risk</td>
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<td>Transmission not available or too costly for renewables</td>
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<td>Jeremy Sutton</td>
<td>Purchase capacity from bilaterals</td>
<td>Keep abreast of transmission costs</td>
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<td>PPA's for capacity and energy</td>
<td>Monitor PPA prices within industry</td>
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<td>2</td>
<td>Transmission not available or too costly for CT</td>
<td>25</td>
<td>2/28/2022</td>
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<td>Jeremy Sutton</td>
<td>Purchase capacity from bilaterals</td>
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<td>25</td>
<td>2/28/2022</td>
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<td>Jeremy Sutton</td>
<td>Purchase capacity from bilaterals</td>
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<td>Regulators denial of CON</td>
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<td>Backed up on wind and solar</td>
<td>EIA projections for gas</td>
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<td>Reliability still served with CT</td>
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<td>backstop Hydrogen ready CT's</td>
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<td>MISO capacity credit allocation drops</td>
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<td>2/28/2022</td>
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<td>Jeremy Sutton</td>
<td>CT scenario would cover the capacity</td>
<td>MISO renewable Integration studies</td>
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<td>need for MISO capacity purchase</td>
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<td>would need to fill short term</td>
<td>Other ISO movement on subject</td>
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<td>Long term would require more capacity</td>
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<td>RPU's load increases due to electrification</td>
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<td>2/28/2022</td>
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<td>Jeremy Sutton</td>
<td>RPU will be able to adjust</td>
<td>Electrification trends</td>
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<td>New resource requirements in out years</td>
<td>Monitor state regulations</td>
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<td>Carbon Tax- CT scenario</td>
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<td>2/28/2022</td>
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<td>Jeremy Sutton</td>
<td>Backed up on wind and solar</td>
<td>Monitor state regulations</td>
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<td>Pushes run of CT's to emergency times</td>
<td>more often</td>
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<td>Risk Number</td>
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<td>Risk Score This Time</td>
<td>Risk Score Last Time</td>
<td>Weeks on Risk Status Report</td>
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<td>9</td>
<td>Carbon Tax- Battery scenario</td>
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<td>2/28/2022 N</td>
<td>Jeremy Sutton</td>
<td>Backed up on wind and solar</td>
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<td>Price to charge could push price of energy up for charging battery</td>
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<td>Cost of energy likely to rise</td>
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<td>10</td>
<td>Polar Vortex event- CT</td>
<td>16</td>
<td>2/28/2022 P</td>
<td>Jeremy Sutton</td>
<td>Winterization from beginning of unit deployment</td>
<td>Compliance of coming regulations</td>
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<td>Lessons learned from past events</td>
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<td>Monthly inspections</td>
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<td>Back up fuel or firm fuel plan</td>
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<td>11</td>
<td>Polar Vortex event- Battery</td>
<td>22</td>
<td>2/28/2022 N</td>
<td>Jeremy Sutton</td>
<td>Ensure duration sufficient to meet longest events expected</td>
<td>Lessons learned from past events</td>
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<td>Inability to last through entire event could lead to brown outs or black outs. Load shedding would need to take place.</td>
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<td>12</td>
<td>LMP's in MISO significance above forecast- CT</td>
<td>11</td>
<td>2/28/2022 N</td>
<td>Jeremy Sutton</td>
<td>CT offer price is backstop to price protection for rate payers</td>
<td>Monitoring of historical LMP's</td>
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<td>Ensure backup fuel is available</td>
<td>Updated LMP forecasts</td>
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<td>13</td>
<td>LMP's in MISO significance above forecast- Battery</td>
<td>20</td>
<td>2/28/2022 N</td>
<td>Jeremy Sutton</td>
<td>Battery used as price arbitrage</td>
<td>Monitoring of historical LMP's</td>
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<td>Arbiteur margin used to offset high LMP's for ratepayers. Only available for the duration offered by battery.</td>
<td>Updated LMP forecasts</td>
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</table>
DEcision Timeline (Near-Term)

- Nov-21: RPU Results Presentation
- Nov-21: RPU Board Evaluation
- Nov-21: RPU Board Decision
- Dec-21: Technology Evaluation & Selection
- Jan-22: Site Selection Study
- Feb-22: Action Plan Development
- Mar-22: Approval of Action Plan by RPU Board
- Apr-22: Site Control Activities
- May-22: MISO GIA Prep & Submit
RESOLUTION

2030 Power Supply Resolution

WHEREAS, on April 1, 1981, the City of Rochester, acting by and through its Utility Board, entered into a Power Sales Contract, as amended from time to time, with the Southern Minnesota Municipal Power Agency (SMMPA) for the purchase of all power and energy required for the operation of its municipal electric utility through March 31, 2030; and,

WHEREAS, on January 1, 2000, the City, acting by and through its Utility Board, elected to limit the maximum amount of power required to be purchased from SMMPA to 216,000 kilowatts; and,

WHEREAS, since January 1, 2000, Rochester Public Utility has provided the necessary capacity and energy to serve the City's load above 216,000 kilowatts; and,

WHEREAS, on May 26, 2009 and June 1, 2009, the Rochester Public Utility Board and Rochester Common Council, respectively, elected not to extend the City's Power Sales Contract with the Southern Minnesota Municipal Power Agency (SMMPA) beyond the expiration date of March 31, 2030; and,

WHEREAS, this decision began the process of Rochester Public Utility planning for the replacement of the power and energy supplied by SMMPA; and,

WHEREAS, in 2019, the Rochester Public Utility Board commissioned a 2030 Resource Planning Study to evaluate various options for the long term power supply needs of Rochester; and,

WHEREAS, in 2019, Rochester Public Utility conducted an extensive residential survey that showed 57% of residential customers were willing to pay up to an additional $5.00/month for more clean energy; and,

WHEREAS, the results of the 2030 Resource Planning Study were presented to the Rochester Public Utility Board on July 23, 2019, and to the Rochester City Council on August 12, 2019 and September 4, 2019; and,

WHEREAS, based on the results of the study, the Rochester Public Utility Board with Council concurrence, directed staff to focus on the two 100% renewable energy options, one with a natural gas fired peaking plant for capacity and one with a battery for capacity; and,

WHEREAS, on November 3, 2021 and January 19, 2022, Rochester Public Utility staff presented an updated 2030 Resource Planning Study to the Board and Council, respectively, that included updates for costs, partnerships, and longer term storage options; and,

WHEREAS, the approved options are based on the following factors:

- Exceeding all current City and State goals for greenhouse gas reductions from the electric sector
- Being financially prudent to recognize the affordability desires of the community
- Providing for grid resiliency
- Providing flexibility for future carbon reductions
- Aligning with the City's three strategic priorities of: Affordable Living, Quality Services for a Quality Life, and Economic Vibrancy and Growth Management

WHEREAS, in order to ensure the required facilities are in place by April 1, 2030, staff needs to begin executing on activities necessary to implement the approved options in the updated 2030 Resource Plan, which include but are not limited to the following activities and estimates:

- Site selection and evaluation - $200,000
- Point of interconnect modeling - $200,000
- MISO interconnect process - $1,325,000
- Regulatory permitting - $150,000
- Legal services - $125,000

NOW, THEREFORE, BE IT RESOLVED by the Rochester Public Utility Board to authorize staff to begin executing, including expending up to $2,000,000 in 2022, on activities necessary to implement a 2030 Resource Plan which exceeds all current City and State greenhouse gas reduction goals for the electric sector by including 100% renewable energy on an annual basis, and a natural gas fired peaking plant or battery storage as a capacity resource.

BE IT FURTHER RESOLVED to continue updating the 2030 Resource Plan as new options or technologies may become viable.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 26th day of April, 2022.

__________________________________________
President

__________________________________________
Secretary
FOR BOARD ACTION

Agenda Item # (ID # 14759)  Meeting Date: 4/26/2022

SUBJECT: RPU Renewable Energy Objective

PREPARED BY: Dirk Bierbaum

ITEM DESCRIPTION:

The RPU Board has elected to voluntarily follow MN Statute 216B.1691 (Renewable Energy Objective). For 2021, RPU's obligation, for load served above that served by SMMPA, is 20% renewable, of which 1.5% is from solar. Staff is proud to report that RPU is able to, for the seventh year in a row, retire enough credits to cover 100% of load served over CROD in 2021. Staff will continue to look at volumes on an annual basis to determine if subsequent withdraws from RPU's REC account are capable of maintaining compliance with board objectives.

Ramp timeline to 25% renewable energy:

- 2012 12%
- 2016 17%
- 2020 20%
- 2025 25%

Retired 3161 Certificates from hydroelectric sources:

- 457-MN-01-2017-54907-1-602
- 457-MN-02-2017-D55E5B65- 1-631
- 457-MN-03-2017-6C610E13- 1-752
- 456-MN-04-2017-8F35FA2A- 1-735

Retired 49 Certificates from solar photovoltaic sources:

- 1547-MN-10-2018-D84707A6 - 1 to 5
- 1547-MN-01-2019-22AF3891 - 1 to 3
- 1547-MN-12-2018-F9308A9B - 1 to 3
- 1547-MN-02-2018-EC1DC411 - 1 to 5
- 1547-MN-11-2018-3979BA23 - 1 to 3
- 1547-MN-06-2018-E65235A8 - 1 to 8
- 1547-MN-08-2018-B60CCAEC - 1 to 8
- 1547-MN-09-2018-3A49A7AC - 1 to 7
- 1547-MN-03-2019-B557BA19 - 1 to 7

Total of 3,210 Renewable Energy Certificates
100% MWHR's (RPU Load over CROD)

UTILITY BOARD ACTION REQUESTED:
No Board Action Required
FOR BOARD ACTION

Agenda Item # (ID # 14713) Meeting Date: 4/26/2022

SUBJECT: 2021 Electric Engineering & Operations Report Presentation

PREPARED BY: Randy Anderton

ITEM DESCRIPTION:
The Electric E&O Report for 2021 is attached for your review. The report is prepared annually to document the major accomplishments and performance statistics that reflect the work of the electric department for the year. Staff will make a brief presentation on the report and respond to any questions from the Board.

UTILITY BOARD ACTION REQUESTED:
Informational only, no action requested
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**I. Review of Utility Performance**
- Technical Services Summary
- Gopher State One-Call Activity

**II. Transmission System Summary**
- Circuit Miles of 161kV Transmission
- Transmission Substation Transformers
- Distribution Substation Transformers 161/13.8kV

**III. Distribution System Summary**
- Circuit Miles
  - Fig. 1 Customers Per Mile
- Utility Poles
- Street and Rental Lights

**IV. Service Territory**
- Geographic Area
- Chronology of Events
- Compensation Paid in 2020
- Escrow Account
- Map of Present and Future Service Areas

**V. Demand Management Summary**
- Project Status
- Residential Load Management Terminal Installations

**VI. Transformer Summary**
Table 1 – Transformer Summary

**VII. Operations Summary**
- Number of Capacitors
- Electric Customers
- Historical/Current Year Records
- Yearly System Data (MWH)
- Estimates for Next Year
- Miscellaneous Statistics
  - Fig. 2 Number of Customer
  - Fig. 3 Average MWH’s Per Residential Customer
  - Fig. 4 Average MWH’s Per SGS Customer
  - Fig. 5 Average MHW’s Per MGS Customer
  - Fig. 6 Average MHW’s Per LGS Customer
  - Fig. 7 Annual System Load Factor
  - Fig. 8 Annual Min. & Max. Demand
  - Fig. 9 RPU System Net Energy Data

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**Attachment:** 2021 Electric Engineering & Operations Report Presentation
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<tr>
<th>Section</th>
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<tbody>
<tr>
<td>G. System Reliability Statistics</td>
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<tr>
<td>- Fig. 10 RPU System Reliability Indices</td>
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<td>H. Estimated Number of Service Locations Per Feeder</td>
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<td>I. Average Annual Outage by Service Area Map</td>
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<td>VIII. <strong>Power Production Data</strong></td>
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<td>A. Power Plant Production Report</td>
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<td>B. Fig. 11 Lake Zumbro Hydro Data</td>
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<td>IX. <strong>Environmental/Regulatory Compliance Summary</strong></td>
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<td>- Annual Air Emissions</td>
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<td>- Electric Operating Permit Fees</td>
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<td>- RPU Environmental Stewardship Metric</td>
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<td>X. <strong>RPU Organizational Chart</strong></td>
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</table>
A. Technical Services Summary

1. Substation/Miscellaneous

Oil Tests 128
   Note: Due to Arc Hazards, testing has been suspended on several transformers
Substation equipment maintenance 343
   (breakers, relays, instrument transformers, bus ducts)
Substation transformers maintained 5
Radio and TV interference problems 0
Distribution transformers maintained 41
Voltage/Power Quality Problems/Projects 10

Notes:
Maintenance cycles for substation equipment are:
   - 13.8kV breakers 5 yr.
   - 161kV breakers 5 yr.
   - transformers 5 yr.
   - protective relays in substations 5 yr.
   - protective relays in power plants 5 yr.

B. Gopher State One-Call Activity

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<th>Total Request Located</th>
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<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
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<td>Water</td>
<td>13,229</td>
<td>11,934</td>
<td>15,890</td>
<td>23,420</td>
<td>18,235</td>
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<td>Electric</td>
<td>2,193</td>
<td>2,094</td>
<td>2,759</td>
<td>2,579</td>
<td>2,488</td>
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<td>Electric –Contractor</td>
<td>12,523</td>
<td>11,264</td>
<td>14,314</td>
<td>23,286</td>
<td>16,287</td>
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II. TRANSMISSION SYSTEM SUMMARY

A. Circuit Miles of 161kV Transmission 42.42

B. Transmission Substation Transformers

<table>
<thead>
<tr>
<th>Substation</th>
<th>Transformer</th>
<th>Voltage</th>
<th>MVA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cascade Creek</td>
<td>GSU 2</td>
<td>13.8/161kV</td>
<td>37.5/50/62.5/70</td>
</tr>
<tr>
<td>Westside Energy</td>
<td>GSU 1</td>
<td>13.8/161kV</td>
<td>37.5/50/62.5/70</td>
</tr>
</tbody>
</table>

Total Transmission Substation Capacity - 75/100/125/140

C. Distribution Substation Transformers 161/13.8kV

Rates listed are 55°C rise self-cooled/first stage of cooling/second stage of cooling/65°C rise with both stages of cooling.

<table>
<thead>
<tr>
<th>Substation</th>
<th>Transformer</th>
<th>MVA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bamber Valley</td>
<td>T1</td>
<td>15/20/25/28</td>
</tr>
<tr>
<td>T2</td>
<td>15/20/25/28</td>
<td></td>
</tr>
<tr>
<td>Cascade Creek</td>
<td>T1</td>
<td>20/27/33/37</td>
</tr>
<tr>
<td>T2</td>
<td>20/27/33/37</td>
<td></td>
</tr>
<tr>
<td>Douglas Trail</td>
<td>T1</td>
<td>15/20/25/28</td>
</tr>
<tr>
<td>T2</td>
<td>15/20/25/28</td>
<td></td>
</tr>
<tr>
<td>T3</td>
<td>15/20/25/28</td>
<td></td>
</tr>
<tr>
<td>IBM</td>
<td>T1</td>
<td>20/27/33/37</td>
</tr>
<tr>
<td>T2</td>
<td>20/27/33/37</td>
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<td>Crosstown</td>
<td>T1</td>
<td>20/27/33/37</td>
</tr>
<tr>
<td>T2</td>
<td>20/27/33/37</td>
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<td>Northern Hills</td>
<td>T1</td>
<td>15/20/25/28</td>
</tr>
<tr>
<td>T2</td>
<td>15/20/25/28</td>
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</tr>
<tr>
<td>Silver Lake</td>
<td>T4</td>
<td>20/27/33/37</td>
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<tr>
<td>T3</td>
<td>20/27/33/37</td>
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<tr>
<td>Westside</td>
<td>T1</td>
<td>20/27/33/37</td>
</tr>
<tr>
<td>Willow Creek</td>
<td>T1</td>
<td>15/20/25/28</td>
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<tr>
<td>T2</td>
<td>15/20/25/28</td>
<td></td>
</tr>
<tr>
<td>Zumbro River</td>
<td>T1</td>
<td>15/20/25/28</td>
</tr>
<tr>
<td>T2</td>
<td>15/20/25/28</td>
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</tbody>
</table>

Total Distribution Substation Capacity 345/463/572/641
A. Circuit Miles

### Underground Circuit Miles

<table>
<thead>
<tr>
<th>Description</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Underground 3Ø Miles</td>
<td>174.15</td>
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<tr>
<td>Underground 2Ø Miles</td>
<td>0</td>
</tr>
<tr>
<td>Underground 1Ø Miles</td>
<td>364.44</td>
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<tr>
<td><strong>Total Underground Miles</strong></td>
<td><strong>538.59</strong></td>
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</tbody>
</table>

### Overhead Circuit Miles

<table>
<thead>
<tr>
<th>Description</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overhead 3Ø Miles</td>
<td>178.03</td>
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<tr>
<td>Overhead 2Ø Miles</td>
<td>2.36</td>
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<tr>
<td>Overhead 1Ø Miles</td>
<td>117.86</td>
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<td><strong>Total Overhead Miles</strong></td>
<td><strong>298.25</strong></td>
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</table>

### Total Circuit Miles of Distribution

<table>
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<th>Miles</th>
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</thead>
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<tr>
<td><strong>Total Circuit Miles of Distribution</strong></td>
<td><strong>836.84</strong></td>
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</tbody>
</table>

64.36% underground in 2021.
Figure 1

CUSTOMERS PER MILE

Year


Customers per Mile

61 62 63 64 65 66 67 68 69 70 71

Customers / Total Miles of Distribution Line

B. Utility Poles (totals as of 12/31/2021)

1. Total Number of Wood Distribution Poles in System (30'-55')  12,654

2. Total Number of Transmission Poles in System  761

<table>
<thead>
<tr>
<th>Concrete</th>
<th>Wood</th>
<th>Steel</th>
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<td>Count</td>
<td>Height</td>
</tr>
<tr>
<td>85</td>
<td>10</td>
<td>30*</td>
</tr>
<tr>
<td>90</td>
<td>9</td>
<td>35*</td>
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<tr>
<td>95</td>
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<td>40*</td>
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<td>4</td>
<td>50</td>
</tr>
<tr>
<td>105</td>
<td>3</td>
<td>55</td>
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<td>110</td>
<td>2</td>
<td>65</td>
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<tr>
<td>115</td>
<td>1</td>
<td>70</td>
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<tr>
<td>75</td>
<td>36</td>
<td>85</td>
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<tr>
<td>80</td>
<td>109</td>
<td>88</td>
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<td>125</td>
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<td>125</td>
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<tr>
<td>Total</td>
<td>39</td>
<td>Total</td>
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</table>

3. Rented Poles in the System

<table>
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<tr>
<th>Rents Source</th>
<th>Count</th>
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<tbody>
<tr>
<td>RPU Rents from CenturyLink</td>
<td>348</td>
</tr>
<tr>
<td>RPU Rents from PCPA</td>
<td>36</td>
</tr>
<tr>
<td><strong>Total Number of Attachments RPU has with others</strong></td>
<td><strong>384</strong></td>
</tr>
<tr>
<td>CenturyLink Rents from RPU</td>
<td>3,131</td>
</tr>
<tr>
<td>Charter Communications/Spectrum Rents from RPU</td>
<td>8,099</td>
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<tr>
<td>Verizon Rents from RPU</td>
<td>11</td>
</tr>
<tr>
<td>Metronet Rents from RPU</td>
<td>4,737</td>
</tr>
<tr>
<td>Zayo Rents from RPU</td>
<td>5</td>
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<tr>
<td>Consolidated Rents from RPU</td>
<td>4</td>
</tr>
<tr>
<td>Peoples Coop Rents from RPU</td>
<td>205</td>
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<tr>
<td>Arvig Comm. Systems</td>
<td>1,424</td>
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<tr>
<td><strong>Total Number of Attachments on RPU Poles</strong></td>
<td><strong>17,649</strong></td>
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</table>
C. Street and Rental Lights

### Total Number of Streetlights and Rental Lights on System

<table>
<thead>
<tr>
<th>Streetlights</th>
<th>2020</th>
<th>2021</th>
<th>Net Change</th>
</tr>
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<tbody>
<tr>
<td>175W MV</td>
<td>2</td>
<td>0</td>
<td>-2</td>
</tr>
<tr>
<td>400W MV</td>
<td>6</td>
<td>0</td>
<td>-6</td>
</tr>
<tr>
<td>175MH</td>
<td>45</td>
<td>36</td>
<td>-9</td>
</tr>
<tr>
<td>250MH</td>
<td>42</td>
<td>43</td>
<td>1</td>
</tr>
<tr>
<td>50W HPS</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>70W HPS</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>100W HPS</td>
<td>3000</td>
<td>9</td>
<td>-2991</td>
</tr>
<tr>
<td>150W HPS</td>
<td>1</td>
<td>0</td>
<td>-1</td>
</tr>
<tr>
<td>250W HPS</td>
<td>315</td>
<td>5</td>
<td>-310</td>
</tr>
<tr>
<td>400W HPS</td>
<td>5</td>
<td>0</td>
<td>-5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3416</td>
<td>93</td>
<td>-3323</td>
</tr>
</tbody>
</table>

| 42W LED       | 28   | 27   | -1         |
| 47W LED       | 164  | 163  | -1         |
| 50W LED       | 281  | 276  | -5         |
| 53W LED       | 8    | 15   | 7          |
| 54W LED       | 123  | 201  | 78         |
| 55W LED       | 10   | 10   | 0          |
| 64W LED       | 15   | 15   | 0          |
| 66W LED       | 1260 | 1248 | -12        |
| 67W LED       | 54   | 54   | 0          |
| 70W LED       | 350  | 344  | -6         |
| 71W LED       | 84   | 84   | 0          |
| 81W LED       | 8    | 8    | 0          |
| 100W LED      | 0    | 2    | 2          |
| 108W LED      | 0    | 3    | 3          |
| 110W LED      | 40   | 39   | -1         |
| 157W LED      | 338  | 377  | 39         |
| 250W LED      | 16   | 14   | -2         |
| 267W LED      | 38   | 38   | 0          |
| 400W LED      | 32   | 30   | -2         |
| **Total**     | 2851 | 2953 | 102        |

*98.95% of streetlights are LED.

### RPW Lights

<table>
<thead>
<tr>
<th>RPW Lights</th>
<th>2020</th>
<th>2021</th>
<th>Net Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>53W LED</td>
<td>683</td>
<td>1963</td>
<td>1280</td>
</tr>
<tr>
<td>54W LED</td>
<td>983</td>
<td>3110</td>
<td>2127</td>
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<tr>
<td>99W LED</td>
<td>0</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>100W LED</td>
<td>0</td>
<td>29</td>
<td>29</td>
</tr>
<tr>
<td>108W LED</td>
<td>403</td>
<td>610</td>
<td>207</td>
</tr>
<tr>
<td>268W LED</td>
<td>83</td>
<td>89</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2152</td>
<td>5851</td>
<td>3699</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rental Lights</th>
<th>2019</th>
<th>2020</th>
<th>Net Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>70W HPS</td>
<td>1</td>
<td>7</td>
<td>0</td>
</tr>
<tr>
<td>100W HPS</td>
<td>4</td>
<td>297</td>
<td>294</td>
</tr>
<tr>
<td>150W HPS</td>
<td>0</td>
<td>112</td>
<td>-112</td>
</tr>
<tr>
<td>250W HPS</td>
<td>368</td>
<td>416</td>
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<tr>
<td>400W HPS</td>
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</tr>
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<td>47W LED</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>50W LED</td>
<td>98</td>
<td>96</td>
<td>-2</td>
</tr>
<tr>
<td>53W LED</td>
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<td>54W LED</td>
<td>16</td>
<td>29</td>
<td>13</td>
</tr>
<tr>
<td>64W LED</td>
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<td>66W LED</td>
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<td>67W LED</td>
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<tr>
<td>108W LED</td>
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<tr>
<td>110W LED</td>
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<td>157W LED</td>
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</tr>
<tr>
<td>150 MV</td>
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</tr>
<tr>
<td>175MV</td>
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<tr>
<td>400W MV</td>
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<tr>
<td><strong>Total</strong></td>
<td>1274</td>
<td>1281</td>
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A. Geographic Area

<table>
<thead>
<tr>
<th>Year</th>
<th>Square Miles</th>
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</thead>
<tbody>
<tr>
<td>1974 assigned area</td>
<td>31.05</td>
</tr>
<tr>
<td>Acquired through 12-31-20</td>
<td>29.45</td>
</tr>
<tr>
<td>Current assigned territory</td>
<td>60.50</td>
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</table>

B. Chronology of Events

- The existing 2008 agreement expired on 12-31-2012.
- Peoples and RPU reached a new agreement on October 1, 2018 that covered annexations from 01-01-2013 through 12-31-2023

C. Compensation paid in 2021

Millrate payments: $237,040

D. Escrow Account (was closed due to the 2008 agreement)
V. DEMAND MANAGEMENT SUMMARY

A. Project Status
- Installed 5 residential and 0 commercial load management terminals.
- Maintained 17 load management hardware.
- Responded to 205 load management callouts and verifications.
- 16 LMT’s (Residential) removed in 2021

B. Residential Load Management Terminal Installations

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/C</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>10</td>
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<tr>
<td>Dual</td>
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</tr>
<tr>
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<tr>
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<td>5</td>
<td>10</td>
<td>5</td>
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<tr>
<td>Size (KVA)</td>
<td>RPU Transformers in Use 120/208 V</td>
<td>RPU Transformers in Stock 277/480 V</td>
<td>RPU Transformers in Use 277/480 V</td>
<td>Customer Transformers In Use</td>
<td>RPU Transformers in Use</td>
</tr>
<tr>
<td>-----------</td>
<td>----------------------------------</td>
<td>----------------------------------</td>
<td>----------------------------------</td>
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</tr>
</tbody>
</table>

| Total     | 789                               | 293                               | 79                               | 60                           | 13                       | 8,203                    | 8,216                   | 569,458                   |

Customer Owned 11,475 kVA in use
RPU Owned Transformers 569,458 kVA in use
VII. OPERATIONS SUMMARY

A. Number of Capacitors

1. Total 13.8kV capacitance in service (12/31/2021) 87,900 KVAR
2. Capacitance installed in 2021 600 KVAR

(There are no PCB contaminated capacitors on the RPU system and these numbers do not include capacitors installed for LM injection.)

B. Electric Customers

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
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<tbody>
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<td>1</td>
<td>1</td>
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<tr>
<td>Commercial</td>
<td>4,976</td>
<td>5,033</td>
<td>5,098</td>
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<td>Residential</td>
<td>50,353</td>
<td>51,344</td>
<td>52,531</td>
<td>53,058</td>
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<tr>
<td>Streetlighting &amp; Highway</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Interdepartmental</td>
<td>1</td>
<td>1</td>
<td>1</td>
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<tr>
<td><strong>Total Electric Customers</strong></td>
<td><strong>55,335</strong></td>
<td><strong>56,382</strong></td>
<td><strong>57,634</strong></td>
<td><strong>58,182</strong></td>
</tr>
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</table>

This customer count data is shown year end counts.

C. Historical/Current Year Records

**Historical**
- System Net Peak (winter) MW 192 12/15/2008
- System Net Peak (summer) MW 292.1 7/20/2011
- System Net Energy For Load-Max Day (kWh) 5,874,607 7/20/2011
- System Net Energy For Load-Max Month (kWh) 142,536,198 7/1/2012

**Current**
- System Net Peak (winter) 172.3 2/15/2021
- System Net Peak (summer) 270.3 6/10/2021
- Maximum Day 5,145,470 6/10/2021
- Maximum Month 120,059,812 7/1/2021

D. Yearly System Data (MWH)

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
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<th>2020</th>
<th>2021</th>
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<td>Steam</td>
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<td>0</td>
<td>0</td>
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<td>Hydro</td>
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<td>10,618</td>
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<td>Combustion Turbine</td>
<td>34,789</td>
<td>20,340</td>
<td>14,619</td>
<td>35,103</td>
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<tr>
<td>Reciprocating Gas Engine</td>
<td>60,228</td>
<td>43,647</td>
<td>34,944</td>
<td>55,548</td>
</tr>
<tr>
<td>Total System Generation</td>
<td>112,583</td>
<td>74,605</td>
<td>65,822</td>
<td>99,596</td>
</tr>
<tr>
<td>Purchased Power (Scheduled)</td>
<td>1,228,695</td>
<td>1,204,808</td>
<td>1,152,441</td>
<td>1,172,624</td>
</tr>
<tr>
<td>System Net Energy for Load</td>
<td>1,240,635</td>
<td>1,211,130</td>
<td>1,166,896</td>
<td>1,181,258</td>
</tr>
<tr>
<td>System Net Peak (MW)</td>
<td>277</td>
<td>284</td>
<td>265</td>
<td>270</td>
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</table>

E. Estimates For Next Year

- System Net Energy For Load (MWH) 1,200,500
- Monthly Consumption (Peak) 121,000
- Peak Demand (MW) 275,000
F. Miscellaneous Statistics

Figure 2

NUMBER OF CUSTOMERS PER YEAR

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<th>Number of Customers</th>
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<td>50800</td>
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<tr>
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<td>51774</td>
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<td>53294</td>
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<td>2020</td>
<td>57634</td>
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<tr>
<td>2021</td>
<td>58182</td>
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</tbody>
</table>

Total Number of Customers
Figure 3

AVERAGE MWH'S PER RESIDENTIAL CUSTOMER

Figure 4

AVERAGE MWH'S PER SGS CUSTOMER
Figure 5

AVERAGE MWH'S PER MGS CUSTOMER

Year


Total MGS MWH's / Total Number of MGS Customers

MWH's / MGS Customer

Linear (MWH's / MGS Customer)

Figure 6

AVERAGE MWH'S PER LGS CUSTOMER

Year


Total LGS MWH's / Total Number of LGS Customers

MWH's / LGS Customer

Linear (MWH's / LGS Customer)
Figure 7

ANNUAL SYSTEM LOAD FACTOR

Year

Annual Load Factor
Linear (Annual Load Factor)
Figure 8, Annual Minimum & Maximum Demands, shows the ten-year trend for annual peak demand and minimum demand.
Figure 9, RPU System Net Energy Data, shows both the system net energy for load (MWH's) and the energy lost and unaccounted for, or system losses (%). System losses are mostly a natural occurrence within electrical systems. Losses are naturally caused by resistance of conductors and core losses within transformers.
G. System Reliability Statistics

Please refer to Figure 6 and Section G for system reliability statistics and trends.

**AVERAGE SERVICE AVAILABILITY INDEX – ASAI**
The ASAI index is the ratio of total customer hours that service was available divided by the total customer hours demanded in a time period. The formula to calculate ASAI is:

\[
\text{ASAI} = \frac{[(\text{customer-hours demanded}) - (\text{customer hours off})]}{\text{customer-hours demanded}} \times 100
\]

customer-hours = (12-month average number of customers) x 8760 hours demanded

The unit of ASAI is percent, and is generally carried out to four decimal places (such as: 99.9986%). A common usage of ASAI is: “the efficiency of the distribution system to deliver electric energy to our customer is 99.9941%”

**CUSTOMER AVERAGE INTERRUPTION DURATION INDEX – CAIDI**
CAIDI is the weighted average length of an interruption for customers affected during a specified time period. The formula to determine this average is:

\[
\text{CAIDI} = \frac{\text{sum of customer-minutes off for all sustained interruptions}}{\text{Total # of customers affected by the sustained interruptions}}
\]

The unit of CAIDI is minutes. A common usage of CAIDI is: “The average customer that experiences an outage on the distribution system is out for 42.63 minutes.”

**SYSTEM AVERAGE INTERRUPTION DURATION INDEX – SAIDI**
SAIDI is defined as the average duration of interruptions for customers served during a specified time period. Although similar to CAIDI, the average number of customers served is used instead of number of customers affected. The formula used to determine SAIDI is:

\[
\text{SAIDI} = \frac{\text{sum of customer-minutes off for all interruptions}}{\text{Total # of customers served}}
\]

The unit of SAIDI is minutes. A common usage of SAIDI is: “If all the customers on the distribution system were without power the same amount of time, they would have been out for 30.82 minutes”.

**SYSTEM AVERAGE INTERRUPTION FREQUENCY INDEX – SAIFI**
SAIFI described the average number of times that a customer’s power is interrupted during a specified time period. SAIFI is calculated using the number of customers affected by sustained interruptions.

\[
\text{SAIFI} = \frac{\text{total # of customers affected by sustained interruptions}}{\text{Average number of customers served}}
\]

The units for SAIFI are “interruptions per customer”. A common usage of SAIFI is: “On the average, customers on the distribution system experienced .72 sustained interruptions”.

---

# System Performance Measures & Reliability Indices

<table>
<thead>
<tr>
<th>Year</th>
<th>ASAI (%)</th>
<th>CAIDI (Minutes)</th>
<th>SAIDI (Minutes)</th>
<th>SAIFI Sustained (Interruptions/Customer)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>99.9937</td>
<td>13.93</td>
<td>33.01</td>
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</tr>
<tr>
<td>2002</td>
<td>99.9916</td>
<td>47.19</td>
<td>44.16</td>
<td>0.94</td>
</tr>
<tr>
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<td>99.9943</td>
<td>30.01</td>
<td>30.28</td>
<td>1.01</td>
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<td>52.29</td>
<td>33.99</td>
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<td>2005</td>
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<td>53.23</td>
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<td>0.49</td>
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<td>2009</td>
<td>99.9892</td>
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<td>56.90</td>
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<td>99.9934</td>
<td>44.93</td>
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<td>0.77</td>
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<tr>
<td>2014</td>
<td>99.9941</td>
<td>42.63</td>
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<td>0.68</td>
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<td>2021</td>
<td>99.9924</td>
<td>45.97</td>
<td>39.91</td>
<td>0.87</td>
</tr>
</tbody>
</table>

## Five-Year Moving Averages

<table>
<thead>
<tr>
<th>Year</th>
<th>ASAI (%)</th>
<th>CAIDI (Minutes)</th>
<th>SAIDI (Minutes)</th>
<th>SAIFI (Sustained Interruptions/Customer)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>99.9775</td>
<td>39.33</td>
<td>118.17</td>
<td>1.10</td>
</tr>
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<td>2002</td>
<td>99.9767</td>
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<td>2003</td>
<td>99.9915</td>
<td>28.65</td>
<td>44.96</td>
<td>0.95</td>
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<td>2004</td>
<td>99.9939</td>
<td>31.81</td>
<td>32.31</td>
<td>0.83</td>
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<td>2005</td>
<td>99.9933</td>
<td>37.91</td>
<td>35.26</td>
<td>0.85</td>
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<tr>
<td>2006</td>
<td>99.9918</td>
<td>54.99</td>
<td>43.16</td>
<td>0.82</td>
</tr>
<tr>
<td>2007</td>
<td>99.9915</td>
<td>58.63</td>
<td>44.97</td>
<td>0.79</td>
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<td>2008</td>
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</tbody>
</table>

**NOTES:**

1. Record-keeping methods for performance statistics were standardized during late 1986.
2. All outages of 1 minute or less, even instantaneous recloses of a temporary fault are recorded as 1-minute outages.
3. In 1999, Rochester experienced a partial blackout due to loss of a mile of 161kV line and relaying problems.
4. In 2006 RPU switched from a manual system to an automated process using outage management software to respond to and track outages. The statistics are all inclusive for all types of outages, including TD Major and Planned Outages.
5. 2010 indices include the effects of the June tornado.
Figure 10, RPU System Reliability Indices, displays the five year moving average of three important system performance measurements. Trends that show generally high average service availability index (ASAI) and low customer average and system average interruption duration indices (CAIDI and SAIDI) are desirable.

Figure 10

RPU SYSTEM RELIABILITY INDICES

![Graph showing RPU System Reliability Indices over five years with moving averages for ASAI, SAIDI, and CAIDI. The graph illustrates trends with higher availability and lower interruption duration indices as desirable.](image-url)
### Estimated Number of Customers Per Feeder

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<th>Customers</th>
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<td>1604</td>
<td>767</td>
</tr>
<tr>
<td>1611</td>
<td>0</td>
</tr>
<tr>
<td>1612</td>
<td>0</td>
</tr>
<tr>
<td>1613</td>
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<tr>
<td>1614</td>
<td>0</td>
</tr>
<tr>
<td>1615</td>
<td>0</td>
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<td>1711</td>
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<td>1721</td>
<td>0</td>
</tr>
<tr>
<td>1731</td>
<td>594</td>
</tr>
<tr>
<td>1732</td>
<td>0</td>
</tr>
<tr>
<td>1733</td>
<td>0</td>
</tr>
<tr>
<td>BT2-3</td>
<td>1</td>
</tr>
<tr>
<td>HYDRO</td>
<td>0</td>
</tr>
</tbody>
</table>
I. Average Annual Outage by Service Area Map

AVERAGE INTERRUPTION DURATION BY FEEDER 2021

- 0 MINUTES
- 1 -- 30 MINUTES
- 31 -- 60 MINUTES
- 61 -- 120 MINUTES
- > 120 MINUTES

12 MONTH AVG. SYSTEM OUTAGE TIME = 40 MIN.
TARGET AVG. SYSTEM OUTAGE TIME < 53 MIN.

### VIII. POWER PRODUCTION DATA

#### A. Power Plant Production Report

<table>
<thead>
<tr>
<th></th>
<th>Cascade Creek</th>
<th>Westside Energy Station</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GROSS GENERATION KWH</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 1</td>
<td>2,884,413</td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 2</td>
<td>32,218,656</td>
<td></td>
</tr>
<tr>
<td><strong>NET GENERATION KWH (TOTAL)</strong></td>
<td></td>
<td>55,547,950</td>
</tr>
<tr>
<td>GAS TURBINE 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Btu/KWH NET (IN SERVICE)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 1</td>
<td>13753</td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 2</td>
<td>11001</td>
<td></td>
</tr>
<tr>
<td>Reciprocating Engines</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CAPACITY FACTOR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 1</td>
<td>1.18</td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 2</td>
<td>7.66</td>
<td></td>
</tr>
<tr>
<td>Reciprocating Engines</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AVAILABILITY FACTOR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 1</td>
<td>71.60</td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 2</td>
<td>87.26</td>
<td></td>
</tr>
<tr>
<td>Reciprocating Engines</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EFOREd</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 1</td>
<td>23.82</td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 2</td>
<td>5.65</td>
<td></td>
</tr>
<tr>
<td>Reciprocating Engines</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GAS CONSUMPTION MCF</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 1</td>
<td>28380</td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 2</td>
<td>300018</td>
<td></td>
</tr>
<tr>
<td>Reciprocating Engines</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OIL CONSUMPTION GAL.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 1</td>
<td>15953</td>
<td></td>
</tr>
<tr>
<td>GAS TURBINE 2</td>
<td>191250</td>
<td></td>
</tr>
<tr>
<td>Reciprocating Engines</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANNUAL HYDROELECTRIC GENERATION

<table>
<thead>
<tr>
<th>YEAR</th>
<th>MWh</th>
</tr>
</thead>
<tbody>
<tr>
<td>1961</td>
<td>5,208</td>
</tr>
<tr>
<td>1962</td>
<td>6,697</td>
</tr>
<tr>
<td>1963</td>
<td>4,020</td>
</tr>
<tr>
<td>1964</td>
<td>2,590</td>
</tr>
<tr>
<td>1965</td>
<td>6,887</td>
</tr>
<tr>
<td>1966</td>
<td>5,517</td>
</tr>
<tr>
<td>1967</td>
<td>6,666</td>
</tr>
<tr>
<td>1968</td>
<td>7,095</td>
</tr>
<tr>
<td>1969</td>
<td>7,539</td>
</tr>
<tr>
<td>1970</td>
<td>9,084</td>
</tr>
<tr>
<td>1971</td>
<td>10,139</td>
</tr>
<tr>
<td>1972</td>
<td>9,417</td>
</tr>
<tr>
<td>1973</td>
<td>14,784</td>
</tr>
<tr>
<td>1974</td>
<td>10,998</td>
</tr>
<tr>
<td>1975</td>
<td>8,990</td>
</tr>
<tr>
<td>1976</td>
<td>4,809</td>
</tr>
<tr>
<td>1977</td>
<td>4,198</td>
</tr>
<tr>
<td>1978</td>
<td>8,886</td>
</tr>
<tr>
<td>1979</td>
<td>10,041</td>
</tr>
<tr>
<td>1980</td>
<td>6,639</td>
</tr>
</tbody>
</table>

Long Term Average

The Zumbro Hydro Plant produced 8,945 MWh of energy during 2021 resulting in a long term average of 10,495 MWh/year.

Regulatory Compliance

Following is a summary of the primary regulations that had an effect or potential effect on the operations of the RPU facilities.

Acid Rain Program (ARP)

*Background:* The Acid Rain Program (ARP) requires major emission reductions of sulfur dioxide (SO₂) and nitrogen oxides (NOₓ), the primary precursors of acid rain, from the power sector. Using allowance trading, the ARP sets a permanent cap on annual SO₂ emissions on specific combustion units. The combustion turbines, CT-2 & CT-3, at the Cascade Creek Station are subject to this program as was Unit 4 at the Silver Lake Plant prior to its retirement. Annually, these units receive 3,138 tons in SO₂ allowances to use to offset SO₂ emissions generated by the units, retained for later offsets or traded/sold on the allowance market.

*Update:* In 2021, RPU holds 45,990 tons of SO₂ allowances to offset the emissions subject to the Acid Rain Program. No ARP SO₂ allowances need to be retired.

Cross-State Air Pollution Rule (CSAPR)

*Background:* The CSAPR replaced EPA’s 2005 Clean Air Interstate Rule (CAIR) and took effect in January 2015. The CSAPR requires states to significantly reduce SO₂ and NOₓ emissions that cross state lines and affect electrical generating units (EGUs) at coal-, gas-, and oil-fired facilities. EGUs subject to this rule must meet SO₂ and NOₓ emissions requirements by limiting their emissions using allowances allocated to the EGU under the program or purchased from other sources. The combustion turbines, CT-1, CT-2 & CT-3, at the Cascade Creek Station are subject to this rule, as was Unit 4 at SLP prior to its retirement. Annually, the EGUs at the Cascade Creek Station receive 33 tons in NOₓ allowances to use to offset NOₓ emissions generated by the units, retained for later offsets or traded/sold on the allowance market. Unit 4 at SLP previously received both SO₂ and NOₓ allowances under CSAPR.

*Update:* In 2021, RPU holds 710 tons of NOₓ allowances and 1,093 tons of SO₂ allowances available to offset emissions subject to the CSAPR program. 39 tons of the NOₓ allowances and 1 ton of the SO₂ allowances will be retired to cover emissions from the Cascade Creek Station in 2021.

Reciprocating Internal Combustion Engines (RICE) Rule

*Background:* In 2010, the Environmental Protection Agency (EPA) issued rules under 40 CFR Part 63, Subpart ZZZZ, establishing national emission and operating limitations for HAPs emitted from stationary reciprocating internal combustion engines (RICE). The RPU generators at the IBM-Rochester facility, the emergency generator at the Service Center, the starting engine for GT-1 at the Cascade Creek Station and the five Wärtsilä engines along with the emergency engine at the Westside Energy Station are subject to the RICE Rule. The emergency engines at the Service Center and Westside and the starting engine at Cascade Creek achieve compliance with the RICE Rule through performing and documenting routine maintenance. The IBM Generators achieves compliance with the RICE Rule through operation of the installed closed crankcase ventilation and diesel oxidation catalyst systems along with documentation of operating parameter and periodic testing of carbon monoxide emissions. The Wärtsilä engines at Westside Energy Station achieve compliance with the RICE Rule by complying with the requirements of 40 CFR Part 60, Subpart JJJJ, “Standards of Performance for Stationary Spark Ignition Internal Combustion Engine”, which consists of periodic performance testing and maintenance. The emergency engine at Westside Energy Station achieves compliance with the RICE Rule by complying with the requirements of 40 CFR Part 60, Subpart III, “Standards of Performance for Stationary Compression Ignition Internal Combustion Engines”, which consists of operation and maintenance according to the manufacturer’s emission related instructions.

*Update:* In 2021, all units complied with the RICE Rule.
Air Emissions

The following table provides the primary emissions emitted from RPU Facilities in 2021.

<table>
<thead>
<tr>
<th>Emissions (tons)</th>
<th>Silver Lake Plant</th>
<th>Cascade Creek Station</th>
<th>IBM Generation</th>
<th>Westside Energy Station</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrogen Oxide (NOx)</td>
<td>85.9</td>
<td>40.9</td>
<td>0.5</td>
<td>5.0</td>
</tr>
<tr>
<td>Carbon Monoxide (CO)</td>
<td>25.8</td>
<td>57.8</td>
<td>0.02</td>
<td>11.0</td>
</tr>
<tr>
<td>Sulfur Dioxide (SO2)</td>
<td>0.18</td>
<td>0.17</td>
<td>0.00</td>
<td>0.14</td>
</tr>
<tr>
<td>Volatile Organic Compounds (VOCs)</td>
<td>1.7</td>
<td>0.37</td>
<td>0.01</td>
<td>9.27</td>
</tr>
<tr>
<td>Particulate Matter (PM)</td>
<td>0.002</td>
<td>0.11</td>
<td>0.02</td>
<td>0.05</td>
</tr>
<tr>
<td>Particulate Matter &lt;10µg (PM10)</td>
<td>0.002</td>
<td>0.11</td>
<td>0.01</td>
<td>0.05</td>
</tr>
<tr>
<td>Ammonia</td>
<td>0.98</td>
<td>3.26</td>
<td>0.003</td>
<td>4.1</td>
</tr>
<tr>
<td>Greenhouse Gasses (GHGs)</td>
<td>39,159</td>
<td>23,293</td>
<td>26</td>
<td>29,255</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operational Data</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas Burned (mcf)</td>
<td>613,500</td>
<td>328,400</td>
<td>NA</td>
<td>458,374</td>
</tr>
<tr>
<td>Fuel Oil Burned (gal)</td>
<td>NA</td>
<td>207,864</td>
<td>2,313</td>
<td>NA</td>
</tr>
<tr>
<td>Heat Rate on Gas (mmbtu/mcf)</td>
<td>1.091</td>
<td>1.090</td>
<td>NA</td>
<td>1.081</td>
</tr>
<tr>
<td>Heat Rate on Oil (mmbtu/gal)</td>
<td>NA</td>
<td>0.14</td>
<td>0.14</td>
<td>NA</td>
</tr>
<tr>
<td>Total Heat Input (mmbtu)</td>
<td>669,493</td>
<td>386,826</td>
<td>322</td>
<td>495,503</td>
</tr>
</tbody>
</table>

### Rochester Public Utilities

#### 10 Year Electrical Operating Permit Fees

<table>
<thead>
<tr>
<th>Assessing Agency</th>
<th>Fee Source</th>
<th>Annual Fee Amounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPCA</td>
<td>Air Emissions Fees (SLP, CCCT, IBM &amp; WES)</td>
<td>$65,562</td>
</tr>
<tr>
<td></td>
<td>NPDES Permit (SLP)</td>
<td>$1,230</td>
</tr>
<tr>
<td></td>
<td>Haz. Waste Generator (SLP &amp; SC)</td>
<td>$968</td>
</tr>
<tr>
<td></td>
<td>Toxic Pollution Prevention (SLP)</td>
<td>$2,487</td>
</tr>
<tr>
<td></td>
<td>Storm Water Discharge (SLP, CCCT &amp; SC)</td>
<td>$400</td>
</tr>
<tr>
<td>MDNR</td>
<td>Water Appropriation - Surface Water (SLP)</td>
<td>$830</td>
</tr>
<tr>
<td></td>
<td>Water Appropriation - Groundwater (SLP)</td>
<td>$140</td>
</tr>
<tr>
<td>MN DOC/PUC</td>
<td>Energy Facility Permitting Assessment</td>
<td>$24,633</td>
</tr>
<tr>
<td>DPS/ERC</td>
<td>Haz. Material Incident Response Act Fee</td>
<td>$800</td>
</tr>
<tr>
<td></td>
<td>SARA (SLP, CCCT &amp; SC)</td>
<td>$225</td>
</tr>
<tr>
<td></td>
<td>TOTAL ANNUAL FEES</td>
<td>$97,275</td>
</tr>
<tr>
<td></td>
<td>Percent Change from Previous Year</td>
<td>20%</td>
</tr>
<tr>
<td></td>
<td>Cost of Permit Fees / Capacity KW</td>
<td>$0.51</td>
</tr>
<tr>
<td></td>
<td>Non-hydro capacity standardized at 190,000 kW</td>
<td></td>
</tr>
</tbody>
</table>

**SUMMARY OF TOTALS**

- **Air Emission Fees**

- **Water Appropriation Fees**

- **Other Operating Fees**

---

*Air Emission Fees are based on emissions reported in previous year.*

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TONS CO2 SAVED
12 MONTH ROLLING SUM

Reduced Energy Usage - Conservation Rebates
Hydroelectric Generation
Waste-to-Energy Generation (OWEF)
SUBJECT: Update on the Time of Use Rate and Neighbors Chipping In

PREPARED BY: Krista Boston

ITEM DESCRIPTION:
Staff has a brief presentation on the status of the pilot Time of Use rate tariff and The Neighbors Chipping In assistance program.

UTILITY BOARD ACTION REQUESTED:
Informational only
FOR BOARD ACTION

Agenda Item # (ID # 14776) Meeting Date: 4/26/2022

SUBJECT: RPU Index of Board Policies

PREPARED BY: Christina Bailey

ITEM DESCRIPTION:

UTILITY BOARD ACTION REQUESTED:
<table>
<thead>
<tr>
<th>POLICY</th>
<th>REVISION DATE</th>
<th>RESPONSIBLE BOARD COMMITTEE</th>
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</thead>
<tbody>
<tr>
<td>BOARD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Mission Statement</td>
<td>6/26/2012</td>
<td>Policy</td>
</tr>
<tr>
<td>2. Responsibilities and Functions</td>
<td>3/27/2012</td>
<td>Policy</td>
</tr>
<tr>
<td>3. Relationship with the Common Council</td>
<td>2/28/2012</td>
<td>Policy</td>
</tr>
<tr>
<td>5. Board Procedures</td>
<td>3/27/2012</td>
<td>Policy</td>
</tr>
<tr>
<td>6. Delegation of Authority/Relationship with Management</td>
<td>7/24/2018</td>
<td>Policy</td>
</tr>
<tr>
<td>7. Member Attendance at Conferences and Meetings</td>
<td>12/18/2018</td>
<td>Policy</td>
</tr>
<tr>
<td>8. Board Member Expenses</td>
<td>12/18/2018</td>
<td>Policy</td>
</tr>
<tr>
<td>9. Conflict of Interest</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>10. Alcohol and Illegal Drugs</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>CUSTOMER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13. Public Information and Outreach</td>
<td>4/30/2019</td>
<td>Communications</td>
</tr>
<tr>
<td>17. Electric Service Availability</td>
<td>10/29/2019</td>
<td>Ops &amp; Admin</td>
</tr>
<tr>
<td>19. Adjustment of Utility Services Billed</td>
<td>6/29/2021</td>
<td>Finance</td>
</tr>
<tr>
<td>20. Rates</td>
<td>7/25/2017</td>
<td>Finance</td>
</tr>
<tr>
<td>21. Involuntary Disconnection</td>
<td>9/28/2021</td>
<td>Communications</td>
</tr>
<tr>
<td>ADMINISTRATIVE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22. Acquisition and Disposal of Interest in Real Property</td>
<td>12/19/2017</td>
<td>Ops &amp; Admin</td>
</tr>
<tr>
<td>25. Charitable Contributions</td>
<td>6/25/2019</td>
<td>Communications</td>
</tr>
<tr>
<td>26. Utility Compliance</td>
<td>10/24/2017</td>
<td>Communications</td>
</tr>
<tr>
<td>29. Customer Data Management Policy</td>
<td>3/22/2022</td>
<td>Communications</td>
</tr>
<tr>
<td>30. Life Support</td>
<td>9/24/2019</td>
<td>Communications</td>
</tr>
</tbody>
</table>

Red - Currently being worked on
Yellow - Will be scheduled for revision
Marked for deletion
FOR BOARD ACTION

Agenda Item # (ID # 14777) Meeting Date: 4/26/2022

SUBJECT: Division Reports & Metrics - April 2022

PREPARED BY: Christina Bailey

ITEM DESCRIPTION:

UTILITY BOARD ACTION REQUESTED:
Division Reports & Metrics
April 2022

CORE SERVICES
SAFETY, COMPLIANCE & PUBLIC AFFAIRS
POWER RESOURCES
CUSTOMER RELATIONS
CORPORATE SERVICES
FINANCIAL REPORTS
Electric Utility:

1. Electric Outage Calculations for the month and year to date (February 2022 Data)
   a. Reliability = 99.99584%  
      Year-to-date Reliability = 99.99803%
   b. 2,853 Customers affected by Outages  
      Year-to-date Customers affected by Outages = 3,276
   c. SAIDI = 1.86 min  
      Year-to-date SAIDI = 0.86 min
   d. CAIDI = 37.70 min  
      Year-to-date CAIDI = 71.88 min

2. Electric Utility Operations – T&D, Engineering, System Ops, GIS, Tech Services:
   - Material bids for relay panels and communication equipment for the Marion Road Substation project were released to vendors in March.
   - The Duct Project from the Marion Road Substation was released for bid by Public Works in March.
   - Reliability statistics were decreased in March due to the lack of large storm and average wind conditions.
Summary of individual electrical outages (greater than 200 customers– Feb 2022 data)

<table>
<thead>
<tr>
<th># Customers</th>
<th>Date</th>
<th>Duration</th>
<th>Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>1076</td>
<td>3/25/2022</td>
<td>6m</td>
<td>Vegetation</td>
</tr>
<tr>
<td>887</td>
<td>3/5/2022</td>
<td>14m</td>
<td>Overhead Equipment</td>
</tr>
<tr>
<td>314</td>
<td>3/27/2022</td>
<td>1h 0m</td>
<td>Underground Equipment</td>
</tr>
</tbody>
</table>

Summary of aggregated incident types (greater than 200 customers – Feb 2022 data)

<table>
<thead>
<tr>
<th># Customers</th>
<th>Total # of Incidents</th>
<th>Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>1183</td>
<td>6</td>
<td>Overhead Equipment</td>
</tr>
<tr>
<td>1077</td>
<td>2</td>
<td>Vegetation</td>
</tr>
<tr>
<td>496</td>
<td>5</td>
<td>Underground Equipment</td>
</tr>
</tbody>
</table>

Water Utility:

1. Water Outage Calculations for the month and year to date (March 2022 data):
   a. Reliability = 99.99801276%
   b. 234 Customers Affected by Outages
   c. 611.3 Customer Outage Hours
   d. SAIDI = 0.9
   e. CAIDI = 156.7

   Year-to-date Reliability = 99.99844825%
   Year-to-date Customers Affected by Outages = 609
   Year-to-date Customer Outage Hours = 1,385.8
   Year-to-date SAIDI = 2.0
   Year-to-date CAIDI = 136.5

- Performed 773 Gopher State water utility locates during the month for a total of 1,132 for the year.
- Repaired water distribution system failures or maintenance at the following locations during the month:
  - 912 10th St NW – (Watermain Break) – 3/3
  - 1019 9th Ave NW – (Watermain Break) – 3/10
  - 11th Ave & 3rd St SE – (Watermain Break) – 3/14
  - 11th Ave & 3rd St SE – (Valve Leak) – 3/14
  - 417 13th Ave SE – (Watermain Break) – 3/15
  - 5125 Nwy 52 (N Frontage Rd) – (Watermain Break) – 3/16
  - 5367 Ridgeway Rd NW – (Corrosion Hole) – 3/16
  - 1023 11th St SE – Watermain Break) – 3/19
  - 145 36th Ave NW – (Watermain Break) – 3/20
  - 3000 Blk Valleyhigh Dr NW – (Corrosion Hole)
  - 520 20th Ave SW – (Watermain Break) – 3/22
  - 1648 13th Ave NW – Watermain Break) – 3/29
Actual vs. Projected Pumpage: 2022
Core Services - Water Maintenance & Construction

Cumulative Pumpage Comparison: 2022
Core Services - Water Maintenance & Construction
GIS/Property Rights

- Hydro line LIDAR flight completed utilizing drone technology. Deliverables will include a 3D point cloud of the corridor and also identify vegetation and other clearance issues that need to be addressed.
SAFETY / COMPLIANCE & PUBLIC AFFAIRS
April 2022

1. Safety

<table>
<thead>
<tr>
<th>TRAINING</th>
<th>Total Required Enrollments</th>
<th>Completions as of 3/31/2022</th>
<th>Percent Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 2022</td>
<td>499</td>
<td>498</td>
<td>99.8%</td>
</tr>
<tr>
<td>Calendar Year to 3/31/2022</td>
<td>1315</td>
<td>1314</td>
<td>99.9%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SAFETY TEAMS</th>
<th>Total Members</th>
<th>Members Attending</th>
<th>Percent Attending</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 2022</td>
<td>28</td>
<td>37</td>
<td>75.7%</td>
</tr>
<tr>
<td>Calendar Year to 3/31/2022</td>
<td>77</td>
<td>93</td>
<td>82.8%</td>
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</table>

<table>
<thead>
<tr>
<th>INCIDENTS</th>
<th>Reports Submitted</th>
<th>OSHA Cases</th>
<th>RPU RIR</th>
<th>BLS RIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 2022</td>
<td>3</td>
<td>0</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Calendar Year to 3/31/2022</td>
<td>9</td>
<td>1</td>
<td>2.26</td>
<td>1.5</td>
</tr>
</tbody>
</table>

1. Deemed to meet OSHA criteria as a recordable case by RPU Safety Manager, subject to change
2. Recordable Incident Rate – Number of OSHA Recordable Cases per 100 employees.

23 of RPU’s 24 departments are recordable injury free in 2022
204 of RPU’s 205 employees are recordable injury free in 2022
<table>
<thead>
<tr>
<th>Work Area</th>
<th>Incident Date</th>
<th>Description</th>
<th>Primary Reason it’s a Recordable</th>
<th>Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>T&amp;D</td>
<td>2/15/2022</td>
<td>Slipped stepping into van falling onto shoulder and knee (L)</td>
<td>Restricted Work Days</td>
<td>Posted/trained on slip falls while entering vehicles</td>
</tr>
</tbody>
</table>

**SAFETY INITIATIVES**

1. Completed required respirator and asbestos related medical evaluations using a new service provider

2. Initiated comprehensive review of first aid supplies

3. Safety manager attended American Public Power Association Engineering and Operations Conference

2. **Environmental & Regulatory Affairs**

   - On March 29th the MN Department of Natural Resources (MN DNR) Water Conservation Reporting was submitted to the agency. In 2021 RPU continues to exceed water conservation benchmarks for public water suppliers set by the MN DNR.

   - On April 6th RPU, with assistance from The Compliance Engine (TCE), helped conduct training with the backflow testers in Rochester on the new standardize reporting method for annual backflow testing.

   - On April 12th Todd Osweiler & Tony Dzubay provided training to all system operations staff to review procedures in an emergency type event at the Lake Zumbro Dam.

3. **Communications**

   - All videos on RPU’s YouTube channel, RPU TV, are now captioned for added accessibility.

   - Staff attended the APPA Communicators Roundtable to discuss timely communication topics and share best practices.

   - The first time lapse video of the Westside Solar Project has been completed and released on social media. The video covers many months of work on the site and the setting of nearly 32,000 solar panels. The video can be seen on RPU’s YouTube channel RPU TV.
### Actions on Page

<table>
<thead>
<tr>
<th>March 21 - April 17</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Post Reach</strong></td>
</tr>
<tr>
<td>3,294</td>
</tr>
<tr>
<td>People Reached ▼46%</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Story Reach</strong></td>
</tr>
<tr>
<td></td>
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<tr>
<td><strong>Post Engagement</strong></td>
</tr>
<tr>
<td>418</td>
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<tr>
<td>Post engagement ▲118%</td>
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### Page Views

<table>
<thead>
<tr>
<th>March 21 - April 17</th>
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</thead>
<tbody>
<tr>
<td><strong>224</strong></td>
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<tr>
<td>Total Page Views ▲28%</td>
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</tbody>
</table>

### Page Likes

<table>
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<th>March 21 - April 17</th>
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<tr>
<td><strong>11</strong></td>
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<tr>
<td>Page Likes ▲22%</td>
</tr>
</tbody>
</table>

### Post Reach

<table>
<thead>
<tr>
<th>March 21 - April 17</th>
</tr>
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<tbody>
<tr>
<td><strong>3,294</strong></td>
</tr>
<tr>
<td>People Reached ▼46%</td>
</tr>
</tbody>
</table>

### Story Reach

Get Story Insights
See stats on how your Page's recent stories have performed.

### Recommendations

We have insufficient data to show for the selected time period.

### Videos

<table>
<thead>
<tr>
<th>March 21 - April 17</th>
</tr>
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<tbody>
<tr>
<td><strong>101</strong></td>
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<tr>
<td>3-Second Video Views ▲19%</td>
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### Page Followers

<table>
<thead>
<tr>
<th>March 21 - April 17</th>
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<tbody>
<tr>
<td><strong>13</strong></td>
</tr>
<tr>
<td>Page Followers ▲44%</td>
</tr>
</tbody>
</table>

### Account home

RPU Alerts @rpualerts

### 28 day summary with change over previous period

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
<td>Tweets</td>
<td>14</td>
<td>▼30.0%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tweet Impressions</td>
<td>4,863</td>
<td>▼19.6%</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Profile Vists</td>
<td>628</td>
<td>▲110.0%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mentions</td>
<td>2</td>
<td>▼33.3%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Followers</td>
<td>1,198</td>
<td>▲5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. In March, RPU continued to bid GT2 and WES into the MISO day-ahead and real-time markets. GT2 and WES are also capable of participating in the ancillary services market. GT1 is presently in an outage for a major overhaul.

   a. Ancillary Service Market – Supplemental Reserves
      i. Cleared DA
         1. GT2 – 29 days
         2. WES – 30 days
      ii. Deployment YTD
         1. GT2 – 0
         2. WES – 0

   b. Dispatched by MISO
      i. GT1 – 0 times YTD 0
      ii. GT2 – 1 times YTD 3
      iii. WES – 11 times YTD 39

   c. Hours of Operation
      i. GT1 – 0 hours YTD 0 hours
      ii. GT2 – 4 hours YTD 18 hours
      iii. WES – 43 hours YTD 193 hours

   d. Electricity Generated
      i. GT1 – 0 MWh YTD 0 MWh
      ii. GT2 – 159 MWh YTD 510 MWh
      iii. WES – 1,180 MWh YTD 5,477 MWh

   e. Forced Outage
      i. GT1 – 0 hours YTD 0 hours
      ii. GT2 – 0 hours YTD 0 hours
      iii. WES – 0 hours YTD 0 hours

2. MISO market Real Time Price averaged $31.33/MWh and Day Ahead Price averaged $32.89/MWh.
CUSTOMER RELATIONS
(Contact Center and Marketing, Commercial and Residential)

Stakeholder Engagement, Forums, and Meetings

1. On April 22, Marketing participated in the Minnesota Department of Commerce hosted CIP Cost-Effectiveness Advisory Committee meeting. The committee will explore changes to Minnesota’s current methods of estimating CIP cost-effectiveness for energy efficiency, load management, and efficient fuel-switching programs.

Opportunities for Customers

1. RPU will hold its 20th Annual Arbor Day Celebration on Friday, April 29, with over 2,100 children, teachers, and chaperones attending from grades 3-5. The event will have open-air booths, as well as many family friendly activities including bean bag toss, tree cookie stacking, apple toss game, tree medallion necklaces, a chainsaw carver, and much more. As is tradition, the partners will also be giving away free trees to the public.

2. On April 30, Marketing will host a booth at the EarthFest Expo located at the indoor Rochester Farmer’s Market.

3. Customer Care and Collections continue to make outreach calls to customers with past due balances on their accounts. The intent is to be proactive and connect these customers with outside resources for financial assistance. During the month of March, 1,042 customers were called.
YTD Savings: 11,342,611 kWh

Percent to kWh Goal: 63.2%
Total Customers Enrolled: 64

Total Customers Enrolled: 79
Total Number of Calls: 5,642 (graphed above)

Total Number in Dollars Processed by Representatives: $1,742,702.57 (graphed above)

Total Number of Transactions Processed by Representatives: 4,563
CORPORATE SERVICES

1. Business Services:
   - Payroll/HR – Coordinated the onboarding of two full time employees and one limited term employee, and the off boarding of two employees.
   - Project Management – Providing project manager for a project to migrate existing SharePoint based intranet to the MS365 hosted SharePoint environment.
   - Administrative Support – Compiling departmental accomplishments and planning for Employee Recognition Breakfast on May 3rd.
   - Administrative Support – Working with vendor to improve the backflow testing intake process. Assisted in contractor and field tester training.
   - Administrative Support - The Business Services team handled 2,867 mailing pieces.

2. Purchasing and Materials Management:
   - Working with Public Works and Development and Infrastructure departments of the City to update the right of way ordinance to address small cell antenna provisions in the public right of way.
   - Posted IFB Sealed Bids #2022-17 – Manhole and Duct Bank Installation (Discovery Walk Phase).
   - Posted IFB Sealed Bids #2022-13 – Backyard Digger Derrick.
   - Posted RFQ #2022-21 Silver Lake Plant Roof Replacement.
3. Finance and Accounting:

General
- Budget Process – Budget timeline has been finalized to align with the City. Salary and revenue forecasts are in process. The recommended budget for 2023 will be reviewed with the RPU board during a study session scheduled for August 10, 2022. A request to approve the 2023 recommended budget will be made of the board at the November Board meeting and December Council meeting.
- Late Fee Project - The Finance, Customer Care, and IT teams are working on a project to implement the board approved late fees that are schedule to go into effect on May 1, 2022. The implementation date has been moved back two weeks to
coincide with the end of the Cold Weather Protection period, which was moved from April 15th to April 30th by the MN State Legislator in 2021. The project is on time.

- Financial Audit - The 2021 Financial Audit has been completed, and the annual report prepared for review by the RPU board at the April 26th meeting.
- Water Utility Cost of Service Study – The finance team has provided data to 1898&Co to start the 2022 cost of service study as required by the RPU board policy.
- The utility will be begin disconnecting customers for nonpayment starting May 2, 2022, following the end of the cold weather protection period on April 30, 2022. While the number of customers with past due balances is in the same range as before the beginning of the pandemic, the average balances outstanding have increased as shown below. Both the County and State funded energy assistance, which now covers water utility billings, have significant funds available. The RPU team will continue to work closely with our customers to get them to apply for the assistance that they are eligible for. This includes sending proactive notifications, outreach calls and emails.
- The Finance team has provided information to Baker Tilly financial advisors to assist in the calculation and filing of the arbitrage reporting for the 2017A bond issue.

4. Information Technology:
   General
   - Completed the migration of the SAP data warehouse to a MS Azure based data lake environment. The first project using this data is to support the revenue projection for the electric and water revenue budgets.

5. Financial Results:
   - Accounts Receivable – Past due account balances have increased from $1,348,197 at the end of February 2020, before the pandemic, to $2,320,405 at the end of March 2022. Of this amount, $1,247,611 is due from residential customers, and $1,075,794 is due from commercial customers. This is a decrease from the end of February 2022 for commercial customers of $22,774, and an increase for residential customers of $40,537.

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>% Current</td>
<td>81.2%</td>
<td>73.6%</td>
<td>-7.6%</td>
<td>94.6%</td>
<td>83.5%</td>
<td>-11.1%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Past Due</td>
<td>17.5%</td>
<td>26.4%</td>
<td>8.9%</td>
<td>5.8%</td>
<td>16.5%</td>
<td>10.7%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount Past Due</td>
<td>$968,491</td>
<td>$1,247,611</td>
<td>$279,120</td>
<td>$379,705</td>
<td>$1,072,794</td>
<td>$693,089</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td># Customers Past Due</td>
<td>5,502</td>
<td>4,971</td>
<td>-531</td>
<td>339</td>
<td>386</td>
<td>47</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Average Balance Past Due</td>
<td>$176</td>
<td>$251</td>
<td>$75</td>
<td>$986</td>
<td>$2,779</td>
<td>$1,793</td>
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<td></td>
</tr>
<tr>
<td># Customers &gt; $1,500 Past Due</td>
<td>30</td>
<td>179</td>
<td>149</td>
<td>38</td>
<td>51</td>
<td>13</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td># Customers &gt; $5,000 Past Due</td>
<td>4</td>
<td>15</td>
<td>11</td>
<td>13</td>
<td>22</td>
<td>9</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
**Note:** Budget numbers are compared to the Board approved 2022 budget which is adjusted for 2021 approved capital project budgets carried over to 2022.

<table>
<thead>
<tr>
<th></th>
<th>Current Month</th>
<th></th>
<th>Year to Date</th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Actual</td>
<td>Budget</td>
<td>Variance</td>
<td>Actual</td>
</tr>
<tr>
<td>Revenue - Electric</td>
<td>$11,560</td>
<td>$11,016</td>
<td>$544</td>
<td>$36,216</td>
</tr>
<tr>
<td>Revenue - Water</td>
<td>835</td>
<td>840</td>
<td>(5)</td>
<td>2,473</td>
</tr>
<tr>
<td>Change in Net Position - Electric</td>
<td>140</td>
<td>(659)</td>
<td>799</td>
<td>2,296</td>
</tr>
<tr>
<td>Change in Net Position - Water</td>
<td>97</td>
<td>37</td>
<td>60</td>
<td>349</td>
</tr>
</tbody>
</table>
ROCHESTER PUBLIC UTILITIES

INDEX

K:\RPU\GAFINANCIAL REPORTS\FINANCIALS CRMO.pdf

DATE: March 2022

TO:

From: Judith Anderson (507) 292-1217
Controller

SUBJ: RPU - Financial Statements

RPU - ELECTRIC UTILITY Financial Reports

Page # REPORT TITLE:
1 Statement of Net Position - Condensed
2 Statement of Revenues, Expenses
   & Changes in Net Position YTD
3 Statement of Cash Flows YTD
4 - 5 Production and Sales Statistics - YTD
6 GRAPH - Capital Expenditures
7 GRAPH - Major Maintenance Expenditures
8 GRAPH - Cash & Temporary Investments
9 GRAPH - Changes in Net Position
10 GRAPH - Bonds

RPU - WATER UTILITY Financial Reports

Page # REPORT TITLE:
11 Statement of Net Position - Condensed
12 Statement of Revenues, Expenses
   & Changes in Net Position YTD
13 Statement of Cash Flows YTD
14 Production and Sales Statistics - YTD
15 GRAPH - Capital Expenditures
16 GRAPH - Major Maintenance Expenditures
17 GRAPH - Cash & Temporary Investments
18 GRAPH - Changes in Net Position

END OF BOARD PACKET FINANCIALS
### ROCHESTER PUBLIC UTILITIES

#### STATEMENT OF NET POSITION

**ELECTRIC UTILITY**

**March 31, 2022**

<table>
<thead>
<tr>
<th>Category</th>
<th>March 2022</th>
<th>March 2021</th>
<th>Difference</th>
<th>% Diff.</th>
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<tr>
<td><strong>ASSETS</strong></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CASH &amp; INVESTMENTS</td>
<td>46,179,076</td>
<td>32,355,216</td>
<td>13,823,860</td>
<td>42.7</td>
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<tr>
<td>Unrestricted Cash &amp; Investments</td>
<td>2,100,047</td>
<td>2,321</td>
<td>-779,150</td>
<td>-33.9</td>
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<tr>
<td><strong>CURRENT ASSETS</strong></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Customer Deposits</td>
<td>361,959</td>
<td>251,513</td>
<td>110,446</td>
<td>43.8</td>
</tr>
<tr>
<td><strong>NON-CURRENT ASSETS</strong></td>
<td>30,492,225</td>
<td>27,496,190</td>
<td>2,996,035</td>
<td>10.9</td>
</tr>
<tr>
<td>Total Non-depreciable Assets</td>
<td>29,401,089</td>
<td>19,107,465</td>
<td>10,293,624</td>
<td>53.7</td>
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<tr>
<td><strong>LIABILITIES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current Portion of Long Term Debt</td>
<td>1,652,229</td>
<td>1,274,894</td>
<td>377,335</td>
<td>29.8</td>
</tr>
<tr>
<td><strong>NON-CURRENT LIABILITIES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Restricted Cash &amp; Investments</td>
<td>12,072,991</td>
<td>12,072,991</td>
<td>0</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>CAPITAL ASSETS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utility Plant in Service, Net</td>
<td>244,496,582</td>
<td>227,779,201</td>
<td>16,717,381</td>
<td>7.3</td>
</tr>
<tr>
<td>Steam Assets, Net</td>
<td>11,240,884</td>
<td>10,796,267</td>
<td>444,617</td>
<td>4.1</td>
</tr>
<tr>
<td>Special Capital &amp; Major Maintenance Reserve</td>
<td>11,251,000</td>
<td>10,943,000</td>
<td>308,000</td>
<td>2.8</td>
</tr>
<tr>
<td><strong>DEFERRED INFLOWS OF RESOURCES</strong></td>
<td>9,723,497</td>
<td>1,498,760</td>
<td>8,224,737</td>
<td>556.8</td>
</tr>
<tr>
<td><strong>DEFERRED INFLOWS OF RESOURCES</strong></td>
<td>3,423,479</td>
<td>2,321</td>
<td>1,102,468</td>
<td>475.5</td>
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<tr>
<td><strong>TOTAL LIABILITIES</strong></td>
<td>449,697,338</td>
<td>432,271,466</td>
<td>17,425,872</td>
<td>4.0</td>
</tr>
</tbody>
</table>

#### DIFFERENCES

- **Net Change:** 13,823,860
- **% Net Change:** 42.7%

#### LIABILITIES

- **Accounts Payable:** 10,456,326
- **Due to Other Funds:** 3,741,786
- **General Capital & Major Maintenance Reserve:** 19,091,336
- **Total Restricted Cash & Investments:** 12,072,991
- **Unearned Revenues:** 14,291,386
- **Long-Term Debt:** 167,147,508
- **Total Non-Corrent Liabilities:** 180,526,676
- **Total Current Liabilities:** 28,766,585
- **Total Liabilities:** 449,697,338

#### DISCLOSURE

- **Net Income:** 13,823,860
- **% Net Income:** 42.7%
<table>
<thead>
<tr>
<th></th>
<th>Actual YTD</th>
<th>Original Budget YTD</th>
<th>Actual to Original Budget</th>
<th>% Var.</th>
<th>Last Yr</th>
<th>Actual YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sales Revenue</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Retail Revenue</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electric - Residential Service</td>
<td>13,649,183</td>
<td>13,935,413</td>
<td>(286,230)</td>
<td>(2.1)</td>
<td>13,032,46</td>
<td></td>
</tr>
<tr>
<td>Electric - General &amp; Industrial Service</td>
<td>19,173,524</td>
<td>18,686,065</td>
<td>487,459</td>
<td>2.6</td>
<td>19,096,55</td>
<td></td>
</tr>
<tr>
<td>Electric - Public Street &amp; Highway Light</td>
<td>355,322</td>
<td>349,800</td>
<td>5,523</td>
<td>1.6</td>
<td>424,923</td>
<td></td>
</tr>
<tr>
<td>Electric - Rental Light Revenue</td>
<td>49,299</td>
<td>64,125</td>
<td>(14,826)</td>
<td>(23.1)</td>
<td>44,153</td>
<td></td>
</tr>
<tr>
<td>Electric - Interdepartmental Service</td>
<td>229,356</td>
<td>226,919</td>
<td>2,437</td>
<td>1.1</td>
<td>226,050</td>
<td></td>
</tr>
<tr>
<td>Electric - Power Cost Adjustment</td>
<td>(254,265)</td>
<td>(200,233)</td>
<td>(54,033)</td>
<td>(27.0)</td>
<td>(279,453)</td>
<td></td>
</tr>
<tr>
<td>Electric - Clean Air Rider</td>
<td>522,305</td>
<td>492,066</td>
<td>30,240</td>
<td>6.1</td>
<td>509,92</td>
<td></td>
</tr>
<tr>
<td>Electric - Total Retail Revenue</td>
<td>33,724,725</td>
<td>33,554,154</td>
<td>170,570</td>
<td>0.5</td>
<td>33,054,61</td>
<td></td>
</tr>
<tr>
<td><strong>Wholesale Electric Revenue</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy &amp; Fuel Reimbursement</td>
<td>404,828</td>
<td>391,504</td>
<td>13,325</td>
<td>3.4</td>
<td>1,003,559</td>
<td></td>
</tr>
<tr>
<td>Capacity &amp; Demand</td>
<td>216,540</td>
<td>23,647</td>
<td>192,893</td>
<td>815.7</td>
<td>74,914</td>
<td></td>
</tr>
<tr>
<td>Total Wholesale Electric Revenue</td>
<td>621,368</td>
<td>415,151</td>
<td>206,217</td>
<td>49.7</td>
<td>1,078,473</td>
<td></td>
</tr>
<tr>
<td>Steam Sales Revenue</td>
<td>1,869,859</td>
<td>1,003,689</td>
<td>866,170</td>
<td>86.3</td>
<td>2,499,13</td>
<td></td>
</tr>
<tr>
<td><strong>Total Sales Revenue</strong></td>
<td>36,215,951</td>
<td>34,972,994</td>
<td>1,242,958</td>
<td>3.6</td>
<td>36,632,223</td>
<td></td>
</tr>
<tr>
<td><strong>Cost of Revenue</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchased Power</td>
<td>20,730,752</td>
<td>20,660,959</td>
<td>69,793</td>
<td>0.3</td>
<td>20,477,04</td>
<td></td>
</tr>
<tr>
<td>Generation Fuel, Chemicals &amp; Utilities</td>
<td>1,644,399</td>
<td>853,749</td>
<td>790,650</td>
<td>92.6</td>
<td>2,483,896</td>
<td></td>
</tr>
<tr>
<td><strong>Total Cost of Revenue</strong></td>
<td>22,375,151</td>
<td>21,514,708</td>
<td>860,443</td>
<td>4.0</td>
<td>22,960,938</td>
<td></td>
</tr>
<tr>
<td><strong>Gross Margin</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Retail</td>
<td>12,993,972</td>
<td>12,893,195</td>
<td>100,777</td>
<td>0.8</td>
<td>12,577,578</td>
<td></td>
</tr>
<tr>
<td>Wholesale</td>
<td>846,828</td>
<td>565,091</td>
<td>281,737</td>
<td>49.9</td>
<td>1,093,707</td>
<td></td>
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<tr>
<td><strong>Total Gross Margin</strong></td>
<td>13,840,800</td>
<td>13,458,286</td>
<td>382,514</td>
<td>2.8</td>
<td>13,671,283</td>
<td></td>
</tr>
<tr>
<td><strong>Fixed Expenses</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utilities Expense</td>
<td>138,529</td>
<td>109,328</td>
<td>29,200</td>
<td>26.7</td>
<td>123,581</td>
<td></td>
</tr>
<tr>
<td>Depreciation &amp; Amortization</td>
<td>3,662,263</td>
<td>3,617,475</td>
<td>44,788</td>
<td>1.2</td>
<td>3,678,273</td>
<td></td>
</tr>
<tr>
<td>Salaries &amp; Benefits</td>
<td>5,302,027</td>
<td>5,983,417</td>
<td>(681,390)</td>
<td>(11.4)</td>
<td>5,120,711</td>
<td></td>
</tr>
<tr>
<td>Materials, Supplies &amp; Services</td>
<td>2,733,771</td>
<td>3,908,061</td>
<td>(1,174,290)</td>
<td>(30.0)</td>
<td>2,298,027</td>
<td></td>
</tr>
<tr>
<td>Inter-Utility Allocations</td>
<td>(471,021)</td>
<td>(465,501)</td>
<td>(5,520)</td>
<td>(1.2)</td>
<td>(475,362)</td>
<td></td>
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<tr>
<td><strong>Total Fixed Expenses</strong></td>
<td>11,365,569</td>
<td>13,152,780</td>
<td>(1,787,212)</td>
<td>(13.6)</td>
<td>10,748,59</td>
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<tr>
<td>Other Operating Revenue</td>
<td>2,570,636</td>
<td>2,383,510</td>
<td>187,125</td>
<td>7.9</td>
<td>2,312,600</td>
<td></td>
</tr>
<tr>
<td><strong>Net Operating Income (Loss)</strong></td>
<td>5,045,867</td>
<td>2,689,016</td>
<td>2,356,851</td>
<td>87.8</td>
<td>5,235,293</td>
<td></td>
</tr>
<tr>
<td><strong>Non-operating Revenue / (Expense)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment Income (Loss)</td>
<td>231,630</td>
<td>589,889</td>
<td>(358,259)</td>
<td>(60.7)</td>
<td>372,823</td>
<td></td>
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<tr>
<td>Interest Expense</td>
<td>(1,344,703)</td>
<td>(1,345,708)</td>
<td>1,005</td>
<td>0.1</td>
<td>(1,427,465)</td>
<td></td>
</tr>
<tr>
<td>Amortization of Debt Issue Costs</td>
<td>(26,400)</td>
<td>(26,400)</td>
<td>0</td>
<td>0.0</td>
<td>(24,581)</td>
<td></td>
</tr>
<tr>
<td>Miscellaneous - Net</td>
<td>(9,299)</td>
<td>(8,300)</td>
<td>(999)</td>
<td>(12.0)</td>
<td>(34,735)</td>
<td></td>
</tr>
<tr>
<td><strong>Total Non-operating Rev (Exp)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1,148,773)</td>
<td>(790,519)</td>
<td>(358,254)</td>
<td>(45.3)</td>
<td>(1,113,95)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Income (Loss) Before Transfers / Capital Contributions</td>
<td>3,897,095</td>
<td>1,898,497</td>
<td>1,998,597</td>
<td>105.3</td>
<td>4,121,33</td>
<td></td>
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<tr>
<td>Transfers Out</td>
<td>(2,120,008)</td>
<td>(2,068,972)</td>
<td>(51,036)</td>
<td>(2.5)</td>
<td>(2,016,77)</td>
<td></td>
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<tr>
<td>Capital Contributions</td>
<td>519,342</td>
<td>151,010</td>
<td>368,331</td>
<td>243.9</td>
<td>1,156,46</td>
<td></td>
</tr>
<tr>
<td><strong>Change in Net Position</strong></td>
<td>2,296,428</td>
<td>(19,465)</td>
<td>2,315,893</td>
<td>11,897.8</td>
<td>3,261,024</td>
<td></td>
</tr>
<tr>
<td>Net Position, Beginning</td>
<td>228,394,152</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Net Position, Ending</strong></td>
<td>230,690,580</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Debt Coverage Ratio**

- **Rolling 12 Months**: 3.60
- **Planned for Curr Year**: 3.04

---

**Note:**

- The document provides a detailed financial statement for March 2022, showing revenues, expenses, changes in net position, and other financial metrics. The statement includes various sections such as Sales Revenue, Cost of Revenue, Gross Margin, Fixed Expenses, Net Operating Income (Loss), Non-operating Revenue / (Expense), Income (Loss) Before Transfers / Capital Contributions, Transfers Out, Capital Contributions, Change in Net Position, Debt Coverage Ratio, and Net Position, Beginning and Ending.
ROCHESTER PUBLIC UTILITIES
STATEMENT OF CASH FLOWS
ELECTRIC UTILITY
FOR
MARCH, 2022
YEAR-TO-DATE

### CASH FLOWS FROM OPERATING ACTIVITIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual YTD</th>
<th>Last Yr Actual YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash Received From Customers</td>
<td>37,797,708</td>
<td>35,834,722</td>
</tr>
<tr>
<td>Cash Received From Other Revenue Sources</td>
<td>2,548,890</td>
<td>4,267,058</td>
</tr>
<tr>
<td>Cash Received From Wholesale &amp; Steam Customer</td>
<td>2,629,285</td>
<td>2,350,147</td>
</tr>
<tr>
<td>Purchased Power</td>
<td>(20,890,452)</td>
<td>(20,715,710)</td>
</tr>
<tr>
<td>Operations and Maintenance</td>
<td>(8,092,580)</td>
<td>(4,269,517)</td>
</tr>
<tr>
<td>Fuel</td>
<td>(1,970,343)</td>
<td>(2,444,717)</td>
</tr>
<tr>
<td>Payment in Lieu of Taxes</td>
<td>(2,125,532)</td>
<td>(2,044,574)</td>
</tr>
<tr>
<td>Net Cash Provided by(Used in) Utility Operating Activities</td>
<td>9,896,976</td>
<td>12,977,409</td>
</tr>
<tr>
<td>Receipts from Customers</td>
<td>10,735,878</td>
<td>10,890,054</td>
</tr>
<tr>
<td>Remittances to Government Agencies</td>
<td>(10,666,641)</td>
<td>(10,875,566)</td>
</tr>
<tr>
<td>Net Cash Provided by(Used in) Non-Utility Operating Activities</td>
<td>69,237</td>
<td>14,488</td>
</tr>
</tbody>
</table>

#### NET CASH PROVIDED BY(USED IN) OPERATING ACTIVITIES | 9,966,213 | 12,991,897 |

### CASH FLOWS FROM CAPITAL & RELATED FINANCING ACTIVITIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual YTD</th>
<th>Last Yr Actual YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additions to Utility Plant &amp; Other Assets</td>
<td>(3,456,609)</td>
<td>(5,267,513)</td>
</tr>
<tr>
<td>Payments related to Service Territory Acquisition</td>
<td>(39,080)</td>
<td>(24,532)</td>
</tr>
<tr>
<td>Payment on Long-Term Debt</td>
<td>0</td>
<td>3,175,000</td>
</tr>
<tr>
<td>Net Bond/Loan Receipts</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Cash Paid for Interest &amp; Commissions</td>
<td>0</td>
<td>(4,463,881)</td>
</tr>
<tr>
<td>Net Cash Provided by(Used in) Capital &amp; Related Activities</td>
<td>(3,495,689)</td>
<td>(6,580,926)</td>
</tr>
</tbody>
</table>

### CASH FLOWS FROM INVESTING ACTIVITIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual YTD</th>
<th>Last Yr Actual YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest Earnings on Investments</td>
<td>(182,088)</td>
<td>(360,165)</td>
</tr>
<tr>
<td>Construction Fund (Deposits)Draws</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bond Reserve Account</td>
<td>(3,423,479)</td>
<td>(2,145,306)</td>
</tr>
<tr>
<td>Escrow/Trust Account Activity</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Net Cash Provided by(Used in) Investing Activities</td>
<td>(3,605,567)</td>
<td>(2,505,471)</td>
</tr>
</tbody>
</table>

#### Net Increase(Decrease) in Cash & Investments | 2,864,957 | 3,905,500 |

#### Cash & Investments, Beginning of Period | 103,772,874 | 90,412,832 |

#### CASH & INVESTMENTS, END OF PERIOD | 106,637,831 | 94,318,332 |

#### Externally Restricted Funds | 16,637,630 | 16,275,671 |

#### Grand Total | 123,275,461 | 110,594,003 |
ROCHESTER PUBLIC UTILITIES
PRODUCTION & SALES STATISTICS
ELECTRIC UTILITY

March, 2022

YEAR-TO-DATE

<table>
<thead>
<tr>
<th></th>
<th>Actual YTD</th>
<th>Budget YTD</th>
<th>Variance</th>
<th>% Var.</th>
<th>Last Yr</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENERGY SUPPLY (kWh)</strong> (primarily calendar month)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Generation</td>
<td>14,752</td>
<td>0</td>
<td>14,752</td>
<td>-</td>
<td>8,091</td>
</tr>
<tr>
<td>IBM Diesel Generators</td>
<td>719,220</td>
<td>2,932,104</td>
<td>(2,212,884)</td>
<td>(75.5)</td>
<td>2,297,862</td>
</tr>
<tr>
<td>Lake Zumbro Hydro</td>
<td>510,120</td>
<td>2,600,000</td>
<td>(2,149,880)</td>
<td>(80.8)</td>
<td>6,065,334</td>
</tr>
<tr>
<td>Cascade Creek Gas Turbine</td>
<td>5,476,900</td>
<td>5,353,000</td>
<td>123,900</td>
<td>2.3</td>
<td>2,486,100</td>
</tr>
<tr>
<td>Westside Energy Station</td>
<td>6,720,992</td>
<td>10,945,104</td>
<td>(4,224,112)</td>
<td>(38.6)</td>
<td>10,857,187</td>
</tr>
<tr>
<td>Total Net Generation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Other Power Supply</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Firm Purchases</td>
<td>281,570,947</td>
<td>277,271,991</td>
<td>4,298,956</td>
<td>1.6</td>
<td>278,700,557</td>
</tr>
<tr>
<td>Non-Firm Purchases</td>
<td>63,127</td>
<td>0</td>
<td>63,127</td>
<td>-</td>
<td>18,213</td>
</tr>
<tr>
<td>LRP Received</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td>Total Other Power Supply</td>
<td>281,634,074</td>
<td>277,271,991</td>
<td>4,362,083</td>
<td>1.6</td>
<td>278,718,770</td>
</tr>
<tr>
<td><strong>TOTAL ENERGY SUPPLY</strong></td>
<td>288,355,066</td>
<td>288,217,095</td>
<td>137,971</td>
<td>0.0</td>
<td>289,575,957</td>
</tr>
</tbody>
</table>

| **ENERGY USES (kWh)** (primarily billing period) |            |            |          |        |         |
| **Retail Sales** |            |            |          |        |         |
| Electric - Residential Service | 52,880     | 94,070,365 | 94,309,296 | (238,931) | (0.3) | 91,832,266 |
| Electric - General Service & Industrial | 5,133      | 176,026,806 | 175,979,505 | 47,501 | 0.0 | 176,924,752 |
| Electric - Street & Highway Lighting | 3          | 892,057    | 1,396,625  | (504,568) | (36.1) | 1,222,950 |
| Electric - Rental Lights | n/a        | 196,644    | 204,474   | (7,830) | (3.8) | 207,855 |
| Electric - Interdeptmtl Service | 1          | 1,659,410  | 1,480,150 | 179,260 | 12.1 | 1,615,305 |
| Total Customers       |            |            |            |        | 58,017 |
| **Wholesale Sales** |            |            |          |        |         |
| Wholesale Sales       | 6,028,522  | 8,013,000  | (1,984,478) | (24.8) | 8,586,387 |
| Company Use           | 657,372    | 0          | 657,372   | -      | 642,512 |
| **TOTAL ENERGY USES** | 279,531,196| 281,382,850| (1,851,655) | (0.7) | 281,032,027 |
| **Lost & Unaccdt For Last 12 Months** | 38,004,506 | 3.0%       |          |        |         |

| **STEAM SALES (mlbs)** (primarily billing period) |            |            |          |        |         |
| Steam Sales in Mlbs  | 103,852    | 118,080    | (14,229) | (12.1) | 118,081 |
## Rochester Public Utilities

### Production & Sales Statistics (continued)

#### Electric Utility

**March, 2022**

**Year-to-Date**

<table>
<thead>
<tr>
<th></th>
<th>Actual YTD</th>
<th>Budget YTD</th>
<th>Variance</th>
<th>% Var.</th>
<th>Last Yr</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fuel Usage</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>(calendar month)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Gas Burned</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SLP</td>
<td>141,850 MCF</td>
<td>155,867 MCF</td>
<td>(14,017)</td>
<td>(9.0)</td>
<td>167,335 MCF</td>
</tr>
<tr>
<td>Cascade</td>
<td>3,245 MCF</td>
<td>29,258 MCF</td>
<td>(26,013)</td>
<td>(88.9)</td>
<td>33,417 MCF</td>
</tr>
<tr>
<td>Westside</td>
<td>43,531 MCF</td>
<td>42,290 MCF</td>
<td>1,241</td>
<td>2.9</td>
<td>19,206 MCF</td>
</tr>
<tr>
<td><strong>Total Gas Burned</strong></td>
<td>188,626 MCF</td>
<td>227,415 MCF</td>
<td>(38,789)</td>
<td>(17.1)</td>
<td>219,958 MCF</td>
</tr>
<tr>
<td><strong>Oil Burned</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cascade</td>
<td>14,277 GAL</td>
<td>0 GAL</td>
<td>14,277</td>
<td>-</td>
<td>205,535 GAL</td>
</tr>
<tr>
<td>IBM</td>
<td>1,136 GAL</td>
<td>0 GAL</td>
<td>1,136</td>
<td>-</td>
<td>658 GAL</td>
</tr>
<tr>
<td><strong>Total Oil Burned</strong></td>
<td>15,413 GAL</td>
<td>0 GAL</td>
<td>15,413</td>
<td>-</td>
<td>206,193 GAL</td>
</tr>
</tbody>
</table>
### Capital Expenditures

**Electric**

<table>
<thead>
<tr>
<th>Current Year</th>
<th>Prior Years Ending Dec 31st</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2021</td>
</tr>
<tr>
<td>ANNUAL BUDGET</td>
<td>22,799,405</td>
</tr>
<tr>
<td>ACTUAL YTD</td>
<td>1,771,891</td>
</tr>
<tr>
<td>% OF BUDGET</td>
<td>7.8%</td>
</tr>
</tbody>
</table>

#### Year-to-Date

**Actual vs. Budget**

<table>
<thead>
<tr>
<th>MONTHS</th>
<th>DOLLARS (THOUSANDS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAN</td>
<td>-</td>
</tr>
<tr>
<td>FEB</td>
<td>-</td>
</tr>
<tr>
<td>MAR</td>
<td>-</td>
</tr>
<tr>
<td>APR</td>
<td>-</td>
</tr>
<tr>
<td>MAY</td>
<td>-</td>
</tr>
<tr>
<td>JUN</td>
<td>-</td>
</tr>
<tr>
<td>JUL</td>
<td>-</td>
</tr>
<tr>
<td>AUG</td>
<td>-</td>
</tr>
<tr>
<td>SEP</td>
<td>-</td>
</tr>
<tr>
<td>OCT</td>
<td>-</td>
</tr>
<tr>
<td>NOV</td>
<td>-</td>
</tr>
<tr>
<td>DEC</td>
<td>-</td>
</tr>
</tbody>
</table>

- **BUDGET**
- **ACTUAL**
MAJOR MAINTENANCE EXPENDITURES
ELECTRIC

Current Year

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANNUAL BUDGET</td>
<td>7,549,154</td>
</tr>
<tr>
<td>ACTUAL YTD</td>
<td>667,866</td>
</tr>
<tr>
<td>% OF BUDGET</td>
<td>8.8%</td>
</tr>
</tbody>
</table>

March, 2022

Prior Years Ending Dec 31st

<table>
<thead>
<tr>
<th>Year</th>
<th>2021</th>
<th>2020</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dollars (Thousands)</td>
<td>3,815,243</td>
<td>4,010,088</td>
<td>3,353,049</td>
</tr>
<tr>
<td>Actual</td>
<td>3,259,794</td>
<td>3,111,620</td>
<td>2,881,017</td>
</tr>
<tr>
<td>% of Budget</td>
<td>85.4%</td>
<td>77.6%</td>
<td>85.9%</td>
</tr>
</tbody>
</table>

YEAR-TO-DATE
ACTUAL VS. BUDGET

MONTHS

- BUDGET
- ACTUAL

Attachment: Division Reports April 2022 (14777 : Division Reports & Metrics - April 2022)
CASH AND TEMPORARY INVESTMENTS
ELECTRIC

March, 2022

YEAR-TO-DATE
ACTUAL

Excluding: Construction Fund, Debt Reserve, and Escrow Funds Accounts

DOLLARS (THOUSANDS)

ACTUAL
MINIMUM RESERVE
CHANGE IN NET POSITION
ELECTRIC

March, 2022

YEAR-TO-DATE
ACTUAL vs. BUDGET

DOLLARS (THOUSANDS)

BUDGET
ACTUAL

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

DOLLARS  (THOUSANDS)
Electric Debt Service Payments
(2002 Bonds were redeemed in full on 4/1/2013; 2007C Bonds were partially redeemed on 11/17/2015 and redeemed in full on 2/15/17, 2013B Bonds were redeemed in full on 2/10/21)

Electric Outstanding Debt
(as of End of Year)
## ROCHESTER PUBLIC UTILITIES

### STATEMENT OF NET POSITION

#### WATER UTILITY

March 31, 2022

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>March 2022</th>
<th>March 2021</th>
<th>Difference</th>
<th>% Diff.</th>
<th>February 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURRENT ASSETS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CASH &amp; INVESTMENTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unreserved Cash &amp; Investments</td>
<td>6,080,667</td>
<td>3,834,628</td>
<td>2,246,039</td>
<td>58.6</td>
<td>5,823,038</td>
</tr>
<tr>
<td>BOARD RESERVED CASH &amp; INVESTMENTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working Funds Reserve</td>
<td>1,175,000</td>
<td>1,045,000</td>
<td>130,000</td>
<td>12.4</td>
<td>1,175,000</td>
</tr>
<tr>
<td>Capital &amp; Major Maintenance Reserve</td>
<td>3,635,000</td>
<td>5,766,000</td>
<td>(2,131,000)</td>
<td>(37.0)</td>
<td>3,635,000</td>
</tr>
<tr>
<td>Contingency Reserve</td>
<td>1,664,000</td>
<td>1,622,000</td>
<td>42,000</td>
<td>2.6</td>
<td>1,664,000</td>
</tr>
<tr>
<td>Total Reserved Cash &amp; Investments</td>
<td>6,474,000</td>
<td>8,433,000</td>
<td>(1,959,000)</td>
<td>(23.2)</td>
<td>6,474,000</td>
</tr>
<tr>
<td>Total Cash &amp; Investments</td>
<td>12,554,667</td>
<td>12,267,628</td>
<td>287,039</td>
<td>2.3</td>
<td>12,297,038</td>
</tr>
<tr>
<td>Receivables &amp; Accrued Utility Revenues</td>
<td>986,702</td>
<td>852,397</td>
<td>134,305</td>
<td>15.8</td>
<td>1,145,422</td>
</tr>
<tr>
<td>Inventory</td>
<td>244,840</td>
<td>198,942</td>
<td>45,898</td>
<td>23.1</td>
<td>219,893</td>
</tr>
<tr>
<td>Other Current Assets</td>
<td>103,401</td>
<td>124,865</td>
<td>(21,464)</td>
<td>(17.2)</td>
<td>117,169</td>
</tr>
<tr>
<td>Total Current Assets</td>
<td>13,889,609</td>
<td>13,443,832</td>
<td>445,777</td>
<td>3.3</td>
<td>13,779,522</td>
</tr>
<tr>
<td>NON-DEPRECIABLE ASSETS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land and Land Rights</td>
<td>677,486</td>
<td>677,486</td>
<td>0</td>
<td>0.0</td>
<td>677,486</td>
</tr>
<tr>
<td>Construction Work in Progress</td>
<td>8,681,336</td>
<td>4,383,501</td>
<td>4,297,835</td>
<td>98.0</td>
<td>8,422,944</td>
</tr>
<tr>
<td>Total Non-depreciable Assets</td>
<td>9,358,823</td>
<td>5,060,988</td>
<td>4,297,835</td>
<td>84.9</td>
<td>9,100,430</td>
</tr>
<tr>
<td>DEPRECIABLE ASSETS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utility Plant in Service, Net</td>
<td>95,417,560</td>
<td>94,726,029</td>
<td>691,530</td>
<td>0.7</td>
<td>95,523,388</td>
</tr>
<tr>
<td>Net Capital Assets</td>
<td>104,776,382</td>
<td>99,787,017</td>
<td>4,989,365</td>
<td>5.0</td>
<td>104,623,818</td>
</tr>
<tr>
<td>Total Non-Current Assets</td>
<td>104,776,382</td>
<td>99,787,017</td>
<td>4,989,365</td>
<td>5.0</td>
<td>104,623,818</td>
</tr>
<tr>
<td>TOTAL ASSETS</td>
<td>118,665,992</td>
<td>113,230,849</td>
<td>5,435,143</td>
<td>4.8</td>
<td>118,403,340</td>
</tr>
</tbody>
</table>

### DEFERRED OUTFLOWS OF RESOURCES

| DEFERRED OUTFLOWS OF RESOURCES | 873,143 | 205,280 | 667,863 | 325.3 | 898,061 |

### TOTAL ASSETS + DEFERRED OUTFLOWS OF RESOURCES

| TOTAL ASSETS + DEFERRED OUTFLOWS OF RESOURCES | 119,539,135 | 113,436,129 | 6,103,006 | 5.4 | 119,301,400 |

#### LIABILITIES

| CURRENT LIABILITIES | | | | | |
| Accounts Payable | 436,514 | 129,411 | 307,104 | 237.3 | 216,698 |
| Customer Deposits | 110,204 | 124,452 | (14,248) | (11.4) | 111,206 |
| Compensated Absences | 306,502 | 329,548 | (23,046) | (7.0) | 309,148 |
| Accrued Salaries & Wages | 151,917 | 133,009 | 18,908 | 14.2 | 116,367 |
| Total Current Liabilities | 1,005,137 | 716,419 | 288,718 | 40.3 | 754,152 |
| NON-CURRENT LIABILITIES | | | | | |
| Compensated Absences | 163,900 | 219,515 | (55,616) | (25.3) | 162,942 |
| Other Non-Current Liabilities | 1,335,994 | 1,807,972 | (472,979) | (26.1) | 1,335,994 |
| Total Non-Current Liabilities | 1,499,893 | 2,027,488 | (527,595) | (26.0) | 1,498,935 |
| TOTAL LIABILITIES | 2,505,030 | 2,743,907 | (238,877) | (8.7) | 2,253,087 |

### DEFERRED INFLOWS OF RESOURCES

| DEFERRED INFLOWS OF RESOURCES | 2,062,359 | 890,840 | 1,171,520 | 131.5 | 2,173,346 |

### NET POSITION

| Net Investment in Capital Assets | 104,776,382 | 99,787,017 | 4,989,365 | 5.0 | 104,623,818 |
| Unrestricted Net Assets (Deficit) | 10,195,363 | 10,014,365 | 180,998 | 1.8 | 10,251,149 |
| TOTAL NET POSITION | 114,971,745 | 109,801,382 | 5,170,363 | 4.7 | 114,874,967 |

### TOTAL LIAB.DEFERRED INFLOWS.NET POSITION

| TOTAL LIAB.DEFERRED INFLOWS.NET POSITION | 119,539,135 | 113,436,129 | 6,103,006 | 5.4 | 119,301,400 |

---

**Note:** This is a financial summary of the Rochester Public Utilities Water Utility as of March 31, 2022. It includes details on assets, liabilities, and net position, with changes compared to previous periods.
## Statement of Revenues, Expenses & Changes in Net Position

**WATER UTILITY**

**March, 2022**

**YEAR TO DATE**

<table>
<thead>
<tr>
<th>RETAIL REVENUE</th>
<th>Original Budget YTD</th>
<th>Actual to Original Budget</th>
<th>% Var.</th>
<th>Actual YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water - Residential Service</td>
<td>1,493,742</td>
<td>(2,692)</td>
<td>(0.2)</td>
<td>1,452,379</td>
</tr>
<tr>
<td>Water - Commercial Service</td>
<td>648,859</td>
<td>47,263</td>
<td>7.3</td>
<td>655,014</td>
</tr>
<tr>
<td>Water - Industrial Service</td>
<td>159,197</td>
<td>(27,846)</td>
<td>(17.5)</td>
<td>127,161</td>
</tr>
<tr>
<td>Water - Public Fire Protection</td>
<td>150,697</td>
<td>(941)</td>
<td>(0.6)</td>
<td>148,016</td>
</tr>
<tr>
<td>Water - Interdepartmental Service</td>
<td>5,732</td>
<td>(1,157)</td>
<td>(20.2)</td>
<td>5,969</td>
</tr>
<tr>
<td>TOTAL RETAIL REVENUE</td>
<td>2,458,227</td>
<td>14,628</td>
<td>0.6</td>
<td>2,388,540</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COST OF REVENUE</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Utilities Expense</td>
<td>200,487</td>
<td>34,439</td>
<td>17.2</td>
<td>232,252</td>
</tr>
<tr>
<td>Water Treatment Chemicals/Demin Water</td>
<td>23,988</td>
<td>16,194</td>
<td>67.5</td>
<td>14,398</td>
</tr>
<tr>
<td>Billing Fees</td>
<td>180,554</td>
<td>28,534</td>
<td>15.8</td>
<td>186,509</td>
</tr>
<tr>
<td>TOTAL COST OF REVENUE</td>
<td>405,029</td>
<td>79,168</td>
<td>19.5</td>
<td>433,158</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GROSS MARGIN</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1,988,658</td>
<td>2,053,198</td>
<td>(64,540)</td>
<td>(3.1)</td>
<td>1,955,382</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FIXED EXPENSES</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Depreciation &amp; Amortization</td>
<td>730,200</td>
<td>(34,945)</td>
<td>(4.8)</td>
<td>684,517</td>
</tr>
<tr>
<td>Salaries &amp; Benefits</td>
<td>760,276</td>
<td>(42,155)</td>
<td>(5.5)</td>
<td>740,531</td>
</tr>
<tr>
<td>Materials, Supplies &amp; Services</td>
<td>367,644</td>
<td>(155,597)</td>
<td>(42.3)</td>
<td>259,178</td>
</tr>
<tr>
<td>Inter-Utility Allocations</td>
<td>465,501</td>
<td>5,520</td>
<td>1.2</td>
<td>475,362</td>
</tr>
<tr>
<td>TOTAL FIXED EXPENSES</td>
<td>2,323,621</td>
<td>(227,176)</td>
<td>(9.8)</td>
<td>2,159,588</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NET OPERATING INCOME (LOSS)</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>488,960</td>
<td>(40,387)</td>
<td>(8.3)</td>
<td></td>
<td>361,696</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NON-OPERATING REVENUE / (EXPENSE)</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Investment Income (Loss)</td>
<td>51,981</td>
<td>(10,334)</td>
<td>(19.9)</td>
<td>50,835</td>
</tr>
<tr>
<td>Interest Expense</td>
<td>0</td>
<td>(1)</td>
<td>0.0</td>
<td>(8)</td>
</tr>
<tr>
<td>Miscellaneous - Net</td>
<td>0</td>
<td>(53)</td>
<td>0.0</td>
<td>(249)</td>
</tr>
<tr>
<td>TOTAL NON-OPERATING REV (EXP)</td>
<td>51,981</td>
<td>(10,334)</td>
<td>(20.0)</td>
<td>50,835</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INCOME (LOSS) BEFORE TRANSFERS / CAPITAL CONTRIBUTIONS</th>
<th>270,518</th>
<th>111,863</th>
<th>41.4</th>
<th>208,067</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfers Out</td>
<td>73,972</td>
<td>6,100</td>
<td>(8.2)</td>
<td>77,194</td>
</tr>
<tr>
<td>Capital Contributions</td>
<td>46,208</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
</tr>
</tbody>
</table>

| CHANGE IN NET POSITION                              | 196,546 | 151,971 | 77.3 | 130,874 |

<table>
<thead>
<tr>
<th>Net Position, Beginning</th>
<th>114,623,228</th>
<th></th>
<th></th>
<th>109,670,508</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET POSITION, ENDING</td>
<td>114,971,745</td>
<td></td>
<td></td>
<td>109,801,382</td>
</tr>
</tbody>
</table>
ROCHESTER PUBLIC UTILITIES
STATEMENT OF CASH FLOWS
WATER UTILITY
FOR
MARCH, 2022
YEAR-TO-DATE

<table>
<thead>
<tr>
<th>Actual YTD</th>
<th>Last Yr Actual YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash Received From Customers</td>
<td>3,824,981</td>
</tr>
<tr>
<td>Cash Paid for: Operations and Maintenance</td>
<td>(1,971,542)</td>
</tr>
<tr>
<td>Payment in Lieu of Taxes</td>
<td>(79,184)</td>
</tr>
<tr>
<td>Net Cash Provided by(Used in) Utility Operating Activities</td>
<td>1,774,255</td>
</tr>
<tr>
<td>Sales Tax &amp; MN Water Fee Collections Receipts from Customers</td>
<td>139,946</td>
</tr>
<tr>
<td>Remittances to Government Agencies</td>
<td>(143,131)</td>
</tr>
<tr>
<td>Net Cash Provided by(Used in) Non-Utility Operating Activities</td>
<td>(3,185)</td>
</tr>
<tr>
<td>NET CASH PROVIDED BY(USED IN) OPERATING ACTIVITIES</td>
<td>1,771,070</td>
</tr>
<tr>
<td>Additions to Utility Plant &amp; Other Assets</td>
<td>(2,161,033)</td>
</tr>
<tr>
<td>Payment on Long-Term Debt</td>
<td>0</td>
</tr>
<tr>
<td>Net Loan Receipts</td>
<td>0</td>
</tr>
<tr>
<td>Cash Paid for Interest &amp; Commissions</td>
<td>0</td>
</tr>
<tr>
<td>NET CASH PROVIDED BY(USED IN) CAPITAL &amp; RELATED ACTIVITIES</td>
<td>(2,161,033)</td>
</tr>
<tr>
<td>Interest Earnings on Investments</td>
<td>41,646</td>
</tr>
<tr>
<td>NET CASH PROVIDED BY(USED IN) INVESTING ACTIVITIES</td>
<td>41,646</td>
</tr>
<tr>
<td>Net Increase(Decrease) in Cash &amp; Investments</td>
<td>(348,317)</td>
</tr>
<tr>
<td>Cash &amp; Investments, Beginning of Period</td>
<td>12,902,983</td>
</tr>
<tr>
<td>CASH &amp; INVESTMENTS, END OF PERIOD</td>
<td>12,554,666</td>
</tr>
</tbody>
</table>
**ROCHESTER PUBLIC UTILITIES**

**PRODUCTION & SALES STATISTICS**

**WATER UTILITY**

March, 2022

**YEAR-TO-DATE**

<table>
<thead>
<tr>
<th></th>
<th>Actual YTD (ccf)</th>
<th>Budget YTD (ccf)</th>
<th>Variance (ccf)</th>
<th>% Var.</th>
<th>Actual YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PUMPAGE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(primarily calendar month)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL PUMPAGE</td>
<td>1,197,279</td>
<td>1,055,793</td>
<td>141,486</td>
<td>13.4</td>
<td>1,210,383</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RETAIL SALES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(primarily billing period)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td># Custs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water - Residential Service</td>
<td>37,432</td>
<td>550,453</td>
<td>526,900</td>
<td>23,553</td>
<td>572,612</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td>Water - Commercial Service</td>
<td>3,799</td>
<td>452,790</td>
<td>393,393</td>
<td>59,397</td>
<td>417,977</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15.1</td>
<td></td>
</tr>
<tr>
<td>Water - Industrial Service</td>
<td>23</td>
<td>132,073</td>
<td>130,042</td>
<td>2,031</td>
<td>127,458</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1.6</td>
<td></td>
</tr>
<tr>
<td>Water - Interdeptnl Service</td>
<td>1</td>
<td>3,064</td>
<td>4,676</td>
<td>(1,612)</td>
<td>4,933</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(34.5)</td>
<td></td>
</tr>
<tr>
<td>Total Customers</td>
<td>41,255</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL RETAIL SALES</td>
<td>1,138,380</td>
<td>1,055,011</td>
<td>83,369</td>
<td>7.9</td>
<td>1,122,980</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lost &amp; Unacctd For Last 12 Months</td>
<td>255,339</td>
<td></td>
<td></td>
<td>4.1%</td>
<td></td>
</tr>
</tbody>
</table>
CAPITAL EXPENDITURES
WATER

Current Year

<table>
<thead>
<tr>
<th></th>
<th>Current Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANNUAL BUDGET</td>
<td>4,878,440</td>
</tr>
<tr>
<td>ACTUAL YTD</td>
<td>457,745</td>
</tr>
<tr>
<td>% OF BUDGET</td>
<td>9.4%</td>
</tr>
</tbody>
</table>

March, 2022

Prior Years Ending Dec 31st

<table>
<thead>
<tr>
<th></th>
<th>2021</th>
<th>2020</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUDGET</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6,807,825</td>
<td>5,917,740</td>
<td>4,554,317</td>
</tr>
<tr>
<td>ACTUAL</td>
<td>3,557,797</td>
<td>2,365,830</td>
<td>1,689,025</td>
</tr>
<tr>
<td>% OF BUDGET</td>
<td>52.3%</td>
<td>40.0%</td>
<td>37.1%</td>
</tr>
</tbody>
</table>

YEAR-TO-DATE

ACTUAL vs. BUDGET
MAJOR MAINTENANCE EXPENDITURES
WATER

March, 2022

Current Year

<table>
<thead>
<tr>
<th></th>
<th>Actual YTD</th>
<th>521,228</th>
</tr>
</thead>
</table>

Prior Years Ending Dec 31st

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 1</td>
<td>528,408</td>
<td>552,500</td>
<td>567,500</td>
</tr>
<tr>
<td>Jan 2</td>
<td>203,008</td>
<td>521,228</td>
<td>322,751</td>
</tr>
</tbody>
</table>

% of Budget

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 1</td>
<td>38.4%</td>
<td>94.3%</td>
<td>56.9%</td>
</tr>
</tbody>
</table>

YEAR-TO-DATE

ACTUAL vs. BUDGET

BUDGET

ACTUAL

DOLLARS (THOUSANDS)

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
CASH AND TEMPORARY INVESTMENTS
WATER

March, 2022

YEAR-TO-DATE
ACTUAL

ACTUAL
MINIMUM RESERVE

Attachment: Division Reports April 2022 (14777 : Division Reports & Metrics - April 2022)
CHANGE IN NET POSITION
WATER

March, 2022

YEAR-TO-DATE
ACTUAL vs. BUDGET

DOLLARS (THOUSANDS)

BUDGET
ACTUAL

(100)

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Attachment: Division Reports April 2022 (14777 : Division Reports & Metrics - April 2022)