

# Electric and Water Cost of Service and Rate Design Study



New Prague Utilities Commission

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# **Water Capital Improvements**

| _ | Wa            | ter Capita  | al Improv | /ements   | by Year   |           |
|---|---------------|-------------|-----------|-----------|-----------|-----------|
|   | Capital Item  | 2023        | 2024      | 2025      | 2026      | 2027      |
|   | Water Capital | \$1,000,000 | \$885,000 | \$916,000 | \$491,000 | \$500,380 |



#### **Assumed Water Bond Issues**

# Water Bond Issues by Year Capital Item 2023 2024 2025 2026 2027 Total Capital \$460,000 \$750,000 \$830,000 \$400,000 \$420,000



# **Water Sales Projections**

- 2023 260 million gallons
- 2024 230 million gallons
- 1% annual growth after 2024



# **Projected Operating Results – Existing Rates**

#### **Projected Operating Results-Water**

#### **Existing Rates**

| Year   | 2023        | 2024        | 2025        | 2026        | 2027        |
|--|-------------|-------------|-------------|-------------|-------------|
| Operating Revenues                               | \$1,931,263 | \$1,745,211 | \$1,760,922 | \$1,776,733 | \$1,792,647 |
| Less Operating<br>Expenses                       | (1,475,228) | (1,545,175) | (1,617,773) | (1,677,888) | (1,740,064) |
| <u>Plus</u> Non -Operating<br>Revenue (Expenses) | (74,696)    | (69,543)    | (79,241)    | (88,189)    | (111,236)   |
| <u>Plus</u> Capital<br>Contributions             | 20,000      | 20,000      | 20,000      | 20,000      | 20,000      |
| Change in Net Position                           | \$401,338   | \$150,493   | \$83,907    | \$30,656    | \$(38,653)  |
| Net Position as<br>Percent of Revenues           | 20.8%       | 8.6%        | 4.8%        | 1.7%        | -2.2%       |



## **Projected Cash Reserves – Existing Rates**

#### **Projected Cash Reserves-Water**

#### **Existing Rates**

| Year                                  | 2023        | 2024        | 2025             | 2026             | 2027        |
|---------------------------------------|-------------|-------------|------------------|------------------|-------------|
| Beginning of Year                     | \$2,460,038 | \$2,550,721 | \$2,768,791      | \$2,965,101      | \$3,087,062 |
| <u>Plus</u> Change in Net<br>Position | 401,338     | 150,493     | 83,907           | 30,656           | (38,653)    |
| Plus Depreciation                     | 464,054     | 493,554     | 524,088          | 540,454          | 557,134     |
| Plus Bond Proceeds                    | 460,000     | 750,000     | 830,000          | 400,000          | 420,000     |
| Less Principal Pmts                   | (234,710)   | (290,977)   | (325,684)        | (358,150)        | (319,970)   |
| Less Capital<br>Improvements          | (1,000,000) | (885,000)   | <u>(916,000)</u> | <u>(491,000)</u> | (500,380)   |
| End of Year                           | \$2,550,721 | \$2,768,791 | \$2,965,101      | \$3,087,062      | \$3,205,193 |
| As a percent of Operating<br>Revenue  | 132%        | 159%        | 168%             | 174%             | 179%        |



#### Water Cost of Service Results

#### Water Cost of Service Results Comparison of % Cost and Revenues 2022 Test Year

| Customer<br>Classification | Allocated<br>Cost to Serve | Revenues     | Increase/<br>(Decrease) |
|----------------------------|----------------------------|--------------|-------------------------|
| Commodity                  | 65.7%                      | 60.6%        | 8.4%                    |
| Customer                   | <u>34.3%</u>               | <u>39.4%</u> | <u>-13.0%</u>           |
| Total                      | 100.0%                     | 100.0%       | 0.0%                    |



# Water Rate Recommendations

- Increase reserves to approach 200% of annual operating revenues
- 5% annual overall rate increases
- Water increase strategy
  - Per cost-of-service results, do not increase customer charges
  - Commodity increase options
    - Across the board increase (maintain single rate)
    - Tiered rates (higher rate for increased usage)
    - Summer rates (recommended)
- Four-year rate plan to achieve goals



# **Proposed Rates**

#### New Prague Utilities Existing and Proposed Water Rates

|  |    |             |    | 2024        |    | 2025        |    | 2026        | 2  | 2027        |
|--|----|-------------|----|-------------|----|-------------|----|-------------|----|-------------|
|  | (  | Current     | Pi | roposed     | Pr | oposed      | Ρι | roposed     | Pr | oposed      |
| <u>Class</u>                             |    | <u>Rate</u> |
| Customer Charges                         |    |             |    |             |    |             |    |             |    |             |
| Residential 5/8 3/4                      | \$ | 16.10       | \$ | 16.10       | \$ | 16.10       | \$ | 16.10       | \$ | 16.10       |
| Residential 1                            | \$ | 16.81       | \$ | 16.81       | \$ | 16.81       | \$ | 16.81       | \$ | 16.81       |
| Residential 1.5                          | \$ | 16.96       | \$ | 16.96       | \$ | 16.96       | \$ | 16.96       | \$ | 16.96       |
| Commercial 5/8 3/4                       | \$ | 16.10       | \$ | 16.10       | \$ | 16.10       | \$ | 16.10       | \$ | 16.10       |
| Commercial 1                             | \$ | 16.81       | \$ | 16.81       | \$ | 16.81       | \$ | 16.81       | \$ | 16.81       |
| Commercial 1.5                           | \$ | 16.96       | \$ | 16.96       | \$ | 16.96       | \$ | 16.96       | \$ | 16.96       |
| Commercial 2                             | \$ | 37.17       | \$ | 37.17       | \$ | 37.17       | \$ | 37.17       | \$ | 37.17       |
| Commercial 3                             | \$ | 42.46       | \$ | 42.46       | \$ | 42.46       | \$ | 42.46       | \$ | 42.46       |
| Commercial 4                             | \$ | 62.83       | \$ | 62.83       | \$ | 62.83       | \$ | 62.83       | \$ | 62.83       |
| Commercial 6                             | \$ | 93.66       | \$ | 93.66       | \$ | 93.66       | \$ | 93.66       | \$ | 93.66       |
| Commercial 6 no base fee                 | \$ | -           | \$ | -           | \$ | -           | \$ | -           | \$ | -           |
| Residential Multi                        | \$ | 11.27       | \$ | 11.27       | \$ | 11.27       | \$ | 11.27       | \$ | 11.27       |
| Commercial Multi                         | \$ | 11.27       | \$ | 11.27       | \$ | 11.27       | \$ | 11.27       | \$ | 11.27       |
| Water Charges                            |    |             |    |             |    |             |    |             |    |             |
| per 1000 gallons (June 1-Sept 30)        | \$ | 4.39        | \$ | 5.38        | \$ | 6.36        | \$ | 7.33        | \$ | 8.30        |
| per 1000 gallons (nonsummer)             | \$ | 4.39        | \$ | 4.39        | \$ | 4.39        | \$ | 4.39        | \$ | 4.39        |
| golf course per 1000 gallons (all months | \$ | 4.39        | \$ | 4.39        | \$ | 4.39        | \$ | 4.39        | \$ | 4.39        |



# Water Rate Residential Impacts

|                                    | Monthly Bill |             |    |             |    |             |    |             |    |             |
|------------------------------------|--------------|-------------|----|-------------|----|-------------|----|-------------|----|-------------|
|                                    |              |             |    | 2024        | •  | 2025        |    | 2026        |    | 2027        |
|                                    | C            | Current     | Pr | oposed      | Pr | oposed      | Pı | roposed     | Pr | oposed      |
| Residential Bill Impact            |              | <u>Rate</u> |    | <u>Rate</u> |    | <u>Rate</u> |    | <u>Rate</u> |    | <u>Rate</u> |
| Residential 4000 gallons nonsummer | \$           | 33.66       | \$ | 33.66       | \$ | 33.66       | \$ | 33.66       | \$ | 33.66       |
| Residential 4000 gallons summer    | \$           | 33.66       | \$ | 37.62       | \$ | 41.54       | \$ | 45.42       | \$ | 49.30       |
| Residential 8000 gallons nonsummer | \$           | 51.22       | \$ | 51.22       | \$ | 51.22       | \$ | 51.22       | \$ | 51.22       |
| Residential 8000 gallons summer    | \$           | 51.22       | \$ | 59.14       | \$ | 66.98       | \$ | 74.74       | \$ | 82.50       |

| Annual Increase             | <u>2024</u> |
|-----------------------------|-------------|
| Residential 4000 gallons \$ | \$ 15.84    |
| Residential 4000 gallons %  | 3.9%        |
| Residential 8000 gallons \$ | \$ 31.68    |
| Residential 8000 gallons %  | 5.2%        |



# **Projected Results – Proposed Rates**

#### **Projected Operating Results-Water**

#### **Proposed Rates**

| Year   | 2023        | 2024        | 2025        | 2026        | 2027        |
|--|-------------|-------------|-------------|-------------|-------------|
| Operating Revenues                               | \$1,931,263 | \$1,840,320 | \$1,952,298 | \$2,065,536 | \$2,181,026 |
| Less Operating<br>Expenses                       | (1,475,228) | (1,545,175) | (1,617,773) | (1,677,888) | (1,740,064) |
| <u>Plus</u> Non -Operating<br>Revenue (Expenses) | (74,696)    | (69,543)    | (79,241)    | (88,189)    | (111,236)   |
| <u>Plus</u> Capital<br>Contributions             | 20,000      | 20,000      | 20,000      | 20,000      | 20,000      |
| Change in Net Position                           | \$401,338   | \$245,602   | \$275,283   | \$319,459   | \$349,726   |
| Net Position as<br>Percent of Revenues           | 20.8%       | 13.3%       | 14.1%       | 15.5%       | 16.0%       |



# **Projected Cash Reserves – Proposed Rates**

#### **Projected Cash Reserves-Water**

#### **Proposed Rates**

| Year                                  | 2023        | 2024        | 2025        | 2026        | 2027             |
|---------------------------------------|-------------|-------------|-------------|-------------|------------------|
| Beginning of Year                     | \$2,460,038 | \$2,550,721 | \$2,863,899 | \$3,251,586 | \$3,662,349      |
| <u>Plus</u> Change in Net<br>Position | 401,338     | 245,602     | 275,283     | 319,459     | 349,726          |
| Plus Depreciation                     | 464,054     | 493,554     | 524,088     | 540,454     | 557,134          |
| Plus Bond Proceeds                    | 460,000     | 750,000     | 830,000     | 400,000     | 420,000          |
| Less Principal Pmts                   | (234,710)   | (290,977)   | (325,684)   | (358,150)   | (319,970)        |
| Less Capital<br>Improvements          | (1,000,000) | (885,000)   | (916,000)   | (491,000)   | <u>(500,380)</u> |
| End of Year                           | \$2,550,721 | \$2,863,899 | \$3,251,586 | \$3,662,349 | \$4,168,859      |
| As a percent of<br>Operating Revenue  | 132%        | 156%        | 167%        | 177%        | 191%             |





# **Electric Capital Improvements**

# Electric Capital Improvements by Year

| Capital Item     | 2023      | 2024      | 2025        | 2026      | 2027      |
|------------------|-----------|-----------|-------------|-----------|-----------|
| Electric Capital | \$795,000 | \$890,000 | \$1,462,000 | \$582,000 | \$538,000 |



# **Projected Operating Results – Existing Rates**

#### **Projected Operating Results-Electric**

#### **Existing Rates**

| Fiscal Year                                      | 2023        | 2024        | 2025         | 2026         | 2027         |
|--|-------------|-------------|--------------|--------------|--------------|
| Operating Revenues                               | \$9,588,205 | \$9,708,943 | \$9,820,359  | \$9,933,566  | \$10,048,803 |
| Less Operating<br>Expenses                       | (9,712,306) | (9,890,077) | (10,091,069) | (10,267,032) | (10,445,986) |
| <u>Plus</u> Non -Operating<br>Revenue (Expenses) | 91,400      | 91,400      | 91,400       | 91,400       | 91,400       |
| Less Transfer Out                                | (40,000)    | (40,000)    | (40,000)     | (40,000)     | (40,000)     |
| Change in Net Position                           | (72,701)    | (129,734)   | (219,310)    | (282,065)    | (345,782)    |
| Net Position as<br>Percent of Revenues           | -0.8%       | -1.3%       | -2.2%        | -2.8%        | -3.4%        |



# **Projected Cash Reserves – Existing Rates**

#### **Projected Cash Reserves-Electric**

#### **Existing Rates**

| Fiscal Year                           | 2023        | 2024        | 2025        | 2026        | 2027        |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Beginning of Year                     | \$5,052,993 | \$4,850,320 | \$4,525,281 | \$3,587,399 | \$3,486,162 |
| <u>Plus</u> Change in Net<br>Position | (72,701)    | (129,734)   | (219,310)   | (282,065)   | (345,782)   |
| <u>Plus</u> Depreciation              | 665,028     | 694,695     | 743,428     | 762,828     | 780,761     |
| Less Capital<br>Improvements          | (795,000)   | (890,000)   | (1,462,000) | (582,000)   | (538,000)   |
| End of Year                           | \$4,850,320 | \$4,525,281 | \$3,587,399 | \$3,486,162 | \$3,383,141 |
| As a percent of Operating<br>Revenue  | 51%         | 47%         | 37%         | 35%         | 34%         |



#### **Electric Cost of Service Results**

#### Electric Cost of Service Results Comparison of % Cost and Revenues 2022 Test Year

| Customer<br>Classification | Allocated<br>Cost to Serve | Revenues     | Increase/<br>(Decrease) |
|----------------------------|----------------------------|--------------|-------------------------|
| Residential                | 46.0%                      | 47.6%        | -3.5%                   |
| Commercial                 | 6.4%                       | 6.9%         | -8.3%                   |
| Small Industrial           | 19.8%                      | 20.1%        | -1.3%                   |
| Industrial                 | <u>27.8%</u>               | <u>25.3%</u> | <u>9.9%</u>             |
| Total                      | 100.0%                     | 100.0%       | 0.0%                    |



# **Electric Rate Recommendations**

- Increase reserves to reach \$5 million or 50% of revenue at end of study period
- Implement 2% increases each year 2024-2027
  - Residential and Small Industrial 2% per year
  - Commercial 1% per year
  - Industrial 2.3% per year
- Electric increase strategy
  - no increase in customer charges (except Industrial)



# Proposed Rates – pg. 1

| Existing and Proposed Electric Rates |    |         |    |         |    |         |    |         |    |             |
|--------------------------------------|----|---------|----|---------|----|---------|----|---------|----|-------------|
|                                      |    |         |    | 2024    |    | 2025    |    | 2026    |    | 2027        |
|                                      | (  | Current | Р  | roposed | Ρ  | roposed | P  | roposed | Pr | oposed      |
| <u>Class</u>                         |    | Rate    |    | Rate    |    | Rate    |    | Rate    |    | <u>Rate</u> |
| Residential Service                  |    |         |    |         |    |         |    |         |    |             |
| Customer (per month)                 | \$ | 15.82   | \$ | 15.82   | \$ | 15.82   | \$ | 15.82   | \$ | 15.82       |
| Energy - all kWh                     | \$ | 0.1306  | \$ | 0.1337  | \$ | 0.1369  | \$ | 0.1400  | \$ | 0.1433      |
|                                      |    |         |    |         |    |         |    |         |    |             |
| Off Peak Control Credit (per month)  | \$ | 5.00    | \$ | 5.00    | \$ | 5.00    | \$ | 5.00    | \$ | 5.00        |
|                                      |    |         |    |         |    |         |    |         |    |             |
| Off Peak Summer Energy - all kWh     | \$ | 0.0807  | \$ | 0.0823  | \$ | 0.0839  | \$ | 0.0856  | \$ | 0.0873      |
| Off Peak Winter Energy - all kWh     | \$ | 0.0682  | \$ | 0.0696  | \$ | 0.0710  | \$ | 0.0724  | \$ | 0.0738      |
|                                      |    |         |    |         |    |         |    |         |    |             |
| Commercial Service                   |    |         |    |         |    |         |    |         |    |             |
| Customer (per month)                 | \$ | 30.85   | \$ | 30.85   | \$ | 30.85   | \$ | 30.85   | \$ | 30.85       |
| Energy - all kWh                     | \$ | 0.1261  | \$ | 0.1276  | \$ | 0.1292  | \$ | 0.1308  | \$ | 0.1324      |
|                                      |    |         |    |         |    |         |    |         |    |             |
| Interruptible - all kWh              | \$ | 0.0917  | \$ | 0.0926  | \$ | 0.0935  | \$ | 0.0944  | \$ | 0.0953      |
|                                      |    |         |    |         |    |         |    |         |    |             |
| Small Industrial                     |    |         |    |         |    |         |    |         |    |             |
| Customer (per month)                 | \$ | 66.04   | \$ | 66.04   | \$ | 66.04   | \$ | 66.04   | \$ | 66.04       |
| Demand - all kW                      | \$ | 13.17   | \$ | 13.45   | \$ | 13.72   | \$ | 13.99   | \$ | 14.27       |
| Energy - all kWh                     | \$ | 0.0721  | \$ | 0.0736  | \$ | 0.0752  | \$ | 0.0768  | \$ | 0.0784      |
|                                      |    |         |    |         |    |         |    |         |    |             |
| Industrial                           |    |         |    |         |    |         |    |         |    |             |
| Customer (per month)                 | \$ | 66.04   | \$ | 91.00   | \$ | 120.00  | \$ | 140.00  | \$ | 150.00      |
| Demand - all kW                      | \$ | 13.50   | \$ | 13.82   | \$ | 14.10   | \$ | 14.44   | \$ | 14.82       |
| Energy - all kWh                     | \$ | 0.0721  | \$ | 0.0736  | \$ | 0.0752  | \$ | 0.0768  | \$ | 0.0784      |
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# Proposed Rates – pg. 2

| <u>Class</u><br>Large Industrial   | C  | Current<br><u>Rate</u> |    | 2024<br>roposed<br><u>Rate</u> |    | 2025<br>roposed<br><u>Rate</u> |    | 2026<br>roposed<br><u>Rate</u> |    | 2027<br>oposed<br><u>Rate</u> |
|------------------------------------|----|------------------------|----|--------------------------------|----|--------------------------------|----|--------------------------------|----|-------------------------------|
| Customer (per month)               | \$ | 66.04                  | Ś  | 100.00                         | Ś  | 140.00                         | \$ | 170.00                         | \$ | 200.00                        |
| Demand - all kW                    | \$ | 16.61                  | Ś  | 16.91                          | Ś  | 17.20                          | Ś  | 17.50                          | Ś  | 17.85                         |
| Energy - all kWh                   | \$ | 0.0721                 | \$ | 0.0736                         | \$ | 0.0752                         | \$ | 0.0768                         | \$ | 0.0784                        |
| Peak Alert                         |    |                        |    |                                |    |                                |    |                                |    |                               |
| Customer (per month)               | \$ | 136.60                 | \$ | 136.60                         | \$ | 136.60                         | \$ | 136.60                         | \$ | 136.60                        |
| Demand - all kW                    | \$ | 3.18                   | \$ | 3.81                           | \$ | 4.41                           | \$ | 5.06                           | \$ | 5.72                          |
| Energy - all kWh                   | \$ | 0.0779                 | \$ | 0.0779                         | \$ | 0.0779                         | \$ | 0.0779                         | \$ | 0.0779                        |
| Interruptible                      |    |                        |    |                                |    |                                |    |                                |    |                               |
| Customer (per month)               | \$ | 30.86                  | \$ | 30.86                          | \$ | 30.86                          | \$ | 30.86                          | \$ | 30.86                         |
| Energy - all kWh                   | \$ | 0.0917                 | \$ | 0.0926                         | \$ | 0.0935                         | \$ | 0.0944                         | \$ | 0.0953                        |
| Street Lighting (current fixtures) |    |                        |    |                                |    |                                |    |                                |    |                               |
| Customer (per month)               | \$ | 11.07                  | \$ | 11.29                          | \$ | 11.52                          | \$ | 11.75                          | \$ | 11.98                         |
| Energy - all kWh                   | \$ | 0.1440                 | \$ | 0.1469                         | \$ | 0.1498                         | \$ | 0.1528                         | \$ | 0.1559                        |
| Street Lighting (LED fixtures)     |    |                        |    |                                |    |                                |    |                                |    |                               |
| Energy - all kWh                   | \$ | 0.1440                 | \$ | 0.2000                         | \$ | 0.2500                         | \$ | 0.3000                         | \$ | 0.3500                        |
| Unmetered Lighting (per month)     |    |                        |    |                                |    |                                |    |                                |    |                               |
| Residential LED                    | \$ | 21.72                  | \$ | 22.15                          | \$ | 22.60                          | \$ | 23.05                          | \$ | 23.51                         |
| Commercial LED                     | \$ | 30.23                  | \$ | 30.83                          | \$ | 31.45                          | \$ | 32.08                          | \$ | 32.72                         |
| Security lights                    | \$ | 12.11                  | \$ | 12.35                          | \$ | 12.60                          | \$ | 12.85                          | \$ | 13.11                         |
| City LED less than 100 W           | \$ | 12.11                  | \$ | 12.35                          | \$ | 12.60                          | \$ | 12.85                          | \$ | 13.11                         |
| City LED more than 100 W           | \$ | 15.62                  | \$ | 15.93                          | \$ | 16.25                          | \$ | 16.58                          | \$ | 16.91                         |
| EV Charging                        |    |                        |    |                                |    |                                |    |                                |    |                               |
| On Peak (10 am - 10 pm) per kWh    | \$ | 0.2274                 | \$ | 0.2388                         | \$ | 0.2507                         | \$ | 0.2632                         | \$ | 0.2764                        |
| Off Peak (10 pm - 10 am) per kWh   | \$ | 0.0806                 | \$ | 0.0806                         | \$ | 0.0806                         | \$ | 0.0806                         | \$ | 0.0806                        |
| ad com                             |    |                        |    |                                |    |                                |    |                                |    |                               |



# **Electric Rate Residential Impacts**

|                                    | Monthly Bill |             |    |             |    |             |    |             |    |             |
|------------------------------------|--------------|-------------|----|-------------|----|-------------|----|-------------|----|-------------|
|                                    |              |             |    | 2024        |    | 2025        |    | 2026        |    | 2027        |
|                                    | C            | Current     | Ρ  | roposed     | Ρ  | roposed     | Ρ  | roposed     | Ρ  | roposed     |
| Residential Bill Impact            |              | <u>Rate</u> |    | <u>Rate</u> |    | <u>Rate</u> |    | <u>Rate</u> |    | <u>Rate</u> |
| Residential 650 kWh (avg customer) | \$           | 100.71      | \$ | 102.73      | \$ | 104.81      | \$ | 106.82      | \$ | 108.97      |
| Increase over previous year (\$)   |              |             | \$ | 2.02        | \$ | 2.08        | \$ | 2.02        | \$ | 2.14        |
| Increase over previous year (%)    |              |             |    | 2.0%        |    | 2.0%        |    | 1.9%        |    | 2.0%        |
| Desidential 1200 W/h               | ć            | 172 54      | ç  | 176.26      | ç  | 190 10      | ç  | 102 02      | ç  | 107 70      |
| Residential 1200 kWh               | \$           | 172.54      | \$ | 176.26      | \$ | 180.10      | \$ |             | Ş  | 187.78      |
| Increase over previous year (\$)   |              |             | \$ | 3.72        | Ş  | 3.84        | \$ | 3.72        | \$ | 3.96        |
| Increase over previous year (%)    |              |             |    | 2.2%        |    | 2.2%        |    | 2.1%        |    | 2.2%        |



## **Projected Operating Results – Proposed Rates**

#### **Projected Operating Results-Electric**

#### **Proposed Rates**

| Fiscal Year                                      | 2023        | 2024        | 2025         | 2026         | 2027         |
|--|-------------|-------------|--------------|--------------|--------------|
| Operating Revenues                               | \$9,588,205 | \$9,902,460 | \$10,216,461 | \$10,535,281 | \$10,866,825 |
| Less Operating<br>Expenses                       | (9,712,306) | (9,890,077) | (10,091,069) | (10,267,032) | (10,445,986) |
| <u>Plus</u> Non -Operating<br>Revenue (Expenses) | 91,400      | 91,400      | 91,400       | 91,400       | 91,400       |
| Less Transfer Out                                | (40,000)    | (40,000)    | (40,000)     | (40,000)     | (40,000)     |
| Change in Net Position                           | (72,701)    | 63,783      | 176,792      | 319,649      | 472,239      |
| Net Position as<br>Percent of Revenues           | -0.8%       | 0.6%        | 1.7%         | 3.0%         | 4.3%         |



#### **Projected Cash Reserves – Proposed Rates**

#### **Projected Cash Reserves-Electric**

#### **Proposed Rates**

| Fiscal Year                           | 2023        | 2024             | 2025        | 2026        | 2027             |
|---------------------------------------|-------------|------------------|-------------|-------------|------------------|
| Beginning of Year                     | \$5,052,993 | \$4,850,320      | \$4,718,798 | \$4,177,019 | \$4,677,496      |
| <u>Plus</u> Change in Net<br>Position | (72,701)    | 63,783           | 176,792     | 319,649     | 472,239          |
| Plus Depreciation                     | 665,028     | 694,695          | 743,428     | 762,828     | 780,761          |
| Less Capital<br>Improvements          | (795,000)   | <u>(890,000)</u> | (1,462,000) | (582,000)   | <u>(538,000)</u> |
| End of Year                           | \$4,850,320 | \$4,718,798      | \$4,177,019 | \$4,677,496 | \$5,392,496      |
| As a percent of<br>Operating Revenue  | 51%         | 48%              | 41%         | 44%         | 50%              |



# **Other Rate Considerations**

#### Stand alone EV charging at commercial locations

- Separately metered
- Customer pays for infrastructure
- Same TOU rates as current EV charging rates
- Whole house TOU rate
  - On peak (10 am 10 pm) \$0.1650kWh
  - Off peak (10 pm 10 am) \$0.0823/kWh
  - Customer charge \$15.82/month
- Solar Grid Access Charge
  - Based on kW size of solar array
  - No charge for first 3 kW
  - Access charge \$4.50/kW/month



