# Madison Water Utility Application to Increase Water Rates <br> Notes to Application 

## Attachment 1

Bills listed on this attachment, with the exception of the $6^{\prime \prime}$ meters in the Industrial class, are for usage over a 6 -month period. The 6 " Industrial meters listed are for usage during a 1-month period. Going forward, all customers will be billed monthly in units of 1,000 gallons.

## Attachments 2A, 2B, 2C, 3A, 3B

The Utility does not currently have separate rates for Multi-Family customers; they have been classified in the past, and charged the same rates, as Commercial customers. For this reason, they have been combined into the same customer class in Attachments 2A and 2B. The Utility plans to propose different rates for Multi-Family customers going forward, based on an analysis of their consumption patterns. Projections in Attachments 3A and 3B break them out from Commercial customers so they are properly accounted for in the determination of appropriate rates.

## Attachment 8

The reduction in taxes under "Other" is for capitalized taxes. The projections for 2014 and 2015 are based on the estimated balance of CWIP, from Attachment 9.

## Attachment 9

Change in CWIP from January 1, 2014 to January 1, 2015 includes reclassification of an estimated $\$ 10,709,132$ to Utility Plant in Service and new Construction Work in Progress of $\$ 1,026,000$. (See Exhibits)

## Attachment 10AB

Account 614-2015 test year amount is an annualized amount based on a 10-year average of expenses in this account. The 10-year average includes amounts recorded in the Utility's annual reports for 2004 through 2013, plus costs recorded in CWIP in 2007 and 2009 and not closed out yet for wellhead protection plans (See Exhibits).

Account 623 - Estimated 2014 and 2015 Test Year are based on a monthly analysis of gas and electric charges for 2013 and year to date 2014 (through July), adjusted for anticipated changes in gas and electric rates (see Exhibits).

Account 630 - Maintenance Supervisor position was vacant January through July 2013.

Account 643 - Increase in 2013 was due to UW 15 groundwater study to find the source of PCE contaminants which was closed in 2013. 2015 test year amount is an annualized amount based on a 10year average of expenses in this account.

Account 672-2015 test year amount is an annualized amount based on a 10-year average of expenses in this account, including painting of Unit Well 26 tower in 2009.

Account 923-2015 test year amount is an annualized amount based on a 10-year average of expenses in this account, adjusted to include costs recorded in CWIP in 2010 and not closed out yet for the Eastside Water Supply Study.

## Attachment 11

Estimated additions to Utility Plant in Service for 2014 and 2015 include the following:

- $\$ 18,833,920$ of new construction in 2014 for projects expected to be completed in 2014
- $\$ 7,583,000$ of new construction in 2015 for projects expected to be completed in 2015
- $\$ 10,709,132$ of transfer from CWIP to Utility Plant in 2014 and $\$ 5,278,018$ in 2015

Estimates of Utility Financed new construction are taken from the Utility's 2014 and 2015 Capital Budgets (see Exhibits). Additions in 2014 are the sum of the 2013 carryover plus the estimates of work that will be completed in 2014. Estimates of work that will be completed in 2014 are the amount budgeted for 2014, less the 2014 carryover, less the amounts for projects for which construction will extend beyond 2014 (which were treated as additions to CWIP).

Estimates of CWIP expected to be booked as Utility Financed assets in 2014 and 2015 are from the Utility's report titled "Work in Progress: Work Orders in 10700", dated 12/31/2013 (see Exhibits).

Amounts recorded under Account 349 Other transmission and distribution plant as of 12/31/2013 were reclassified based on the work descriptions recorded on the Utility's report titled "Work in Progress: Work Orders in 10600", dated 12/31/2013 (see Exhibits). This account is used for capital projects that have been completed and placed in service but not yet classified.

Retirements for 2014 and 2015 were estimated based on 2008-2013 averages for retirements as a percentage of additions. Mains, services and hydrants were estimated based on a percentage applied to the cost of main replacement projects. The percentages for mains, services and hydrants were based on the 2008-2013 estimated cost of main replacements only (not included new main extensions) and the average amount recorded for mains, services and hydrants retirements as a percentage of the main replacements. It is assumed that $38.6 \%$ of mains and $38.0 \%$ of services and hydrants that are retired were utility-financed.

In total, it is anticipated that the Utility will complete approximately $\$ 20.0$ million of its capital improvement program in both 2014 and 2015. Of this amount, \$1,026,000 in 2014 and $\$ 12,146,000$ in 2015 is for projects that will be completed in future years. These amounts were treated as increases to CWIP. Another $\$ 225,000$ in 2014 and $\$ 280,000$ in 2015 is for studies and plans that will be treated as O\&M expenses.

|  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Utility Plant Additions |  | CWIP Additions |  | O\&M |  |  |
|  | 2014 | 2015 | 2014 | 2015 | 2014 | 2015 | Total |
| 2014 CIP | $\$ 18,833,920$ |  | $\$ 1,026,000$ |  | $\$ 225,000$ |  | $\$ 20,084,920$ |
| 2015 CIP |  | $\$ 7,583,000$ |  | $\$ 12,146,000$ |  | $\$ 280,000$ | $\$ 20,009,000$ |
| Existing CWIP | $\$ 10,709,132$ | $\$ 5,278,018$ |  |  |  |  | $\$ 15,987,149$ |
| Total | $\$ 29,543,052$ | $\$ 12,861,018$ | $\$ 1,026,000$ | $\$ 12,146,000$ | $\$ 225,000$ | $\$ 280,000$ | $\$ 56,081,069$ |

## Attachment 11a

Estimated additions to contributed plant are based on the average additions for 2008-2013. Estimated retirements are based on the average percentage of retirements as a percent of main replacement projects and an assumption of $61.4 \%$ of mains and $62.0 \%$ of services and hydrants that are retired were contributed.

## Attachment 12

Account 328 - No depreciation accrual for 2014 or 2015 - assets are fully depreciated and no additions are anticipated.

Account 393 - No depreciation accrual for 2014 or 2015 - assets are fully depreciated and no additions are anticipated.

Account 395 - No depreciation accrual for 2014 or 2015 - assets are fully depreciated and no additions are anticipated.

Account 397 - Assets were fully depreciated at 12/31/2013. Depreciation accrual for 2014 is based on additions in 2014. Accrual for 2015 is based on anticipated additions for 2014 and 2015.

Additional adjustments are for clearing accounts.

## Attachment 14

Amortization Expense - This is the amortization of the early retirement loss on the replacement of meters, authorized in a letter dated June 23, 2014.

The Utility is requesting a higher rate of return in order to provide adequate cash flow to support debt service for its capital improvement program. The Utility's anticipated cash flow is shown in the attached Exhibits under two financing scenarios.

## Attachment 15

The Utility funds all of its construction projects from a special construction fund. Debt is issued on an ongoing basis (usually one debt issuance per year) as needed to replenish the fund. No debt issuance is anticipated in 2014; however a larger debt issuance is planned for 2015.


Exhibit 1 - support for Attachments 9, 11, 11a

Categorization of Capital Improvement Program and CWIP


## Exhibit 2 - support for Attachment 10AB

## Operation and Maintenance Expenses: 2004-2013

| Account |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Average |
| $614{ }^{(1)}$ | 1,345 | 274,639 | 44,525 | 168,184 | 51,381 | 62,298 | 28,793 | 114,386 | 0 | 469 | 74,602 |
| 630 | 53,998 | 56,617 | 50,556 | 63,349 | 63,213 | 64,390 | 68,078 | 66,157 | 70,113 | 44,182 | 60,065 |
| 643 | 4,647 | 11,852 | 79,856 | 74,482 | 62,314 | 11,970 | 20,307 | 9,896 | 8,837 | 103,312 | 38,747 |
| 672 | 9,766 | 3,864 | 8,161 | 5,462 | 36,461 | 419,975 | 10,923 | 7,700 | 13,164 | 13,430 | 52,891 |
| $923{ }^{(2)}$ | 154,372 | 301,604 | 217,945 | 590,093 | 163,970 | 44,190 | 704,640 | 102,429 | 92,788 | 70,257 | 244,229 |

Notes:
(1) 2007 and 2009 expenses are adjusted to include costs for wellhead protection plans incurred in those years that have not been closed out yet.
(2) 2010 expenses are adjusted to include costs for the Eastside Water Supply Study that has not been closed out yet.

## 2013 \& 2014 Gas and Electrical Usage - MG\&E Only

| Bill Date |  | Gas | Electricity | Total |
| :---: | :---: | :---: | :---: | :---: |
| 1/4/13 |  | 5,216.88 | 157,338.77 | 162,555.65 |
| 2/5/13 |  | 9,531.46 | 185,222.91 | 194,754.37 |
| 3/5/13 |  | 10,693.26 | 184,099.02 | 194,792.28 |
| 4/3/13 |  | 8,312.66 | 180,556.59 | 188,869.25 |
| 5/3/13 |  | 6,487.27 | 185,553.35 | 192,040.62 |
| 6/5/13 |  | 3,437.41 | 198,920.55 | 202,357.96 |
| 7/3/13 |  | 1,217.23 | 200,580.04 | 201,797.27 |
| 8/5/13 |  | 1,335.86 | 227,129.00 | 228,464.86 |
| 9/5/13 |  | 1,898.00 | 253,300.58 | 255,198.58 |
| 10/3/13 |  | 2,197.24 | 225,657.95 | 227,855.19 |
| 11/5/13 |  | 1,608.91 | 193,882.50 | 195,491.41 |
| 12/4/13 |  | 3,801.73 | 179,823.27 | 183,625.00 |
| 1/6/14 |  | 8,629.98 | 183,813.88 | 192,443.86 |
|  |  | 59,151.01 | 2,398,539.64 | 2,457,690.65 |
| 2/5/14 |  | 12,810.13 | 194,546.67 | 207,356.80 |
| 3/5/14 |  | 14,710.99 | 174,682.80 | 189,393.79 |
| 4/3/14 |  | 12,658.87 | 167,041.14 | 179,700.01 |
| 5/5/14 |  | 8,138.53 | 172,205.20 | 180,343.73 |
| 6/4/14 |  | 3,456.18 | 182,177.52 | 185,633.70 |
| 7/3/14 |  | 1,939.37 | 188,521.24 | 190,460.61 |
| 7/3/14 | Ytd | 53,714.07 | 1,079,174.57 |  |
| 7/3/13 | 2013 Ytd | 39,679.29 | 1,134,932.46 |  |
|  | Change | 14,034.78 | -55,757.89 |  |
|  | Change \% | 35.37\% | -4.91\% |  |
| Last six (6) mos 2013 |  | 19,471.72 | 1,263,607.18 |  |
| Use 2014 Ytd\% chge |  | 135.37\% | 95.09\% |  |
| Proj last 6 mos 2014 |  | 26,358.97 | 1,201,527.65 |  |
| Projected 2014 total |  | 80,073.04 | 2,280,702.22 | 2,360,775.27 |
| MG\&E \% incre/(dec) |  | -2.30\% | 2.80\% |  |
| Budgeted 2015 exp |  | 78,231.36 | 2,344,561.89 |  |
| Rounded | 2015 Budg | 78,000.00 | 2,400,000.00 |  |
|  |  | 0 | 200,000.00 |  |
|  |  | 78,000.00 | 2,600,000.00 | 2,678,000.00 |

Exhibit 4 - support for Attachment 11


Exhibit 4 - support for Attachment 11


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Exhibit 4 - support for Attachment 11

| Madison Water Utility |  | Madison Water Utility - 2014 Capital Budget |  |  |  |  |  | 117,099,000 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2014-2030 Capital Improvement Budget |  |  |  |  | 35,360,000 | 28,985,000 | 28,425,000 | 31,210,000 | 28,479,000 |  |  |
|  |  | - | Updated: | May 20, 2013 |  |  | 76.1\% | \$ 106,698,000 | 91.1\% |  |  |  |  |
|  |  |  |  | Annual Totals | \$ 20,276,000 | \$ 11,430,000 | \$ 26,926,000 | \$ 27,322,000 | \$ 25,092,000 | \$ 25,473,000 | \$ 28,811,000 | \$ 29,298,000 | \$ 31,868,600 |
| Line | Project | Date/Description/Pu | Primary Construction Year | Tasks | 2013 | 2013 Carryover | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| 126 | Zone 10 Far West Elevated |  | 2019 |  |  |  |  |  |  |  |  |  |  |
| 127 | Construction of the Zone 10 Far West Side 750,000 gallon elevated reservoir is scheduled for 2020 and will follow a public engagement process and evaluation. The Zone 10 Far West Elevated Reservoir project will provide additional gravity fed water storage capacity within Pressure Zone 10. As Pressure Zone 10 has developed with not only residential but commercial and institutional facilities, the existing 250,000 gallon elevated tank on High Point Road no longer provides sufficient emergency reserve capacity. Providing minimum fire flow requirements to this area of the distribution system is necessary to meet minim um Utility standards. This project is identified in the 2006 Water Master Plan. |  |  | Public Engagement |  |  |  |  |  | 60,000 |  |  |  |
| 128 |  |  |  | Site Selection and Property |  |  |  |  |  |  | 438,000 |  |  |
| 129 |  |  |  | Consultant Design contract |  |  |  |  |  |  | 217,000 |  |  |
| 130 |  |  |  | Construction Services |  |  |  |  |  |  |  | 190,000 |  |
|  |  |  |  | Construct 750,000 gallon |  |  |  |  |  |  |  | 2309000 |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 2,309,000 |  |
| 132 |  |  |  | Reservoir piping improvements |  |  |  |  |  |  |  | 406,000 |  |
| 133 |  |  |  | Water Main Improvements |  |  |  |  |  |  |  | 812,000 |  |
| 134 |  |  |  | Project Total |  | - | - | - | - | 60,000 | 655,000 | 3,717,000 |  |
| 135 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 136 | Booster Pump Station 114 <br> Booster Pump Station 114 will provide the ability to move water from Pressure Zone 6 W to Zone 8 and back again. This improves the operational flexibility of the west side supply system and provides the means of spreading out the current water supply capacity within the system. Construction is scheduled to start in 2016 and be finished and in service by 2017. Construction of BPS 114 will benefit west side customers through gained system reliability and redundancy. |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{138}$ | Booster Pump Station 114 will provide the ability to move water from Pressure Zone 6 W to Zone 8 and back again. This improves the operational flexibility of the west side supply system and provides the means of spreading out the current water supply capacity within the system. Construction is scheduled to start in 2016 and be finished and in service by 2017. Construction of BPS 114 will benefit west side customers through gained system reliability and redundancy. |  |  | Public Engagement |  |  |  |  |  |  | 61,000 |  |  |
|  |  |  |  | Site Selection and Property Purchase |  |  |  |  |  |  | 438,000 |  |  |
| ${ }^{139}$ |  |  |  | Consultant Desigign contract |  |  |  |  |  |  | 148,000 |  |  |
| 140 |  |  |  | Construction Services |  |  |  |  |  |  |  | 99,000 |  |
| 141 |  |  |  | Construct BPS 114 |  |  |  |  |  |  |  | 1,642,000 |  |
| 142 |  |  |  | Water Main Improvements |  |  |  |  |  |  |  | 1,429,000 | 1,115,000 |
| 143 |  |  |  | Project Total | - | - | - |  | - |  | 647,000 | 3,170,000 | 1,115,000 |
| 144 | Northeast Side Supplemental Water Supply (American Family) <br> The 2006 Water Master Plan recommended an additional well on the east side that could provide water to Zones 6 E and 3 . The need for this well was verified during the system analysis completed for the East Side Water Supply project. The well would be tentatively located in the NE corner of the system and would provide water to Zones 3 and 6 E . While no site has been identifi ed at this point, the Utility owns property for this purpose on Hoepker Road. A public participation process is expected to be used to site the well and develop the details of this project. This project is scheduled to start construction in 2021 and be finished and in service by 2022. Continued development pressure on the east side and the need for reliability and redundancy in the NE corner of the water system is the focus of this project. |  |  |  |  |  |  |  |  |  |  |  |  |
| 145 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 146 |  |  |  | Public Engagement |  |  |  |  |  | 60,000 |  |  |  |
| 147 |  |  |  | Property Purchase |  |  |  |  |  |  | 321,000 |  |  |
| 148 |  |  |  |  |  |  |  |  |  |  | 151,000 |  |  |
| 149 |  |  |  | Drill Production Well |  |  |  |  |  |  |  | 762,000 584,000 |  |
| 150151151 |  |  |  | Construction of Unit Well, Filter, |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Reservoir and Pump Station |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 7,305,000 |
| 152 |  |  |  | Consultant Contract Administration |  |  |  |  |  |  |  |  | 438,000 |
| 153 |  |  |  | Pipelines |  |  |  |  |  |  |  |  |  |
| 154 |  |  |  | Project Total | - | - | - |  | - | 60,000 | 472,000 | 1,346,000 | 7,743,000 |
| 155 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 156 | Unit Well No. 8-Fe and Mn |  | 2021 |  |  |  |  |  |  |  |  |  |  |
| 157 | East Side Phase 2-Unit Well No. 8-Fe and Mn Mitigation will address current water quality issues at Well 8 resulting from iron and manganese levels that exceed the EPA secondary standard's. Due to the colored water as a result of the iron and manganese, well operation is currently limited to summer only and a total production of approximately 100 million gallons per year. The need for this project was verified by the East Side Water Supply project and a public engagement process has starte d. Initially this project was scheduled for construction in 2013. Due to concerns about the nearby KIP Corporation contamination and neighborhood concerns about the facility in the park, the project has been delayed a year. A monitoring well will be installe d in 2012 and additional data will be obtained regarding the KIP contamination. Installation of a filter would allow the well to be operational all year long and produce significantly greater quantities of water. Space will be included in the project for the future addition of an air stripper. The project will benefit existing customers in the east Isthmus area and improve the quality of the water pumped from Well 8. |  |  | Public Participation |  |  |  |  |  |  |  |  | 30,000 |
| 158 |  |  |  | UW 8 - Filter Design Documents |  |  |  |  |  |  |  |  | 541,600 |
| 159 |  |  |  | Property Acquisition |  |  |  |  |  |  |  |  | 500,000 |
| 160 |  |  |  | Construction Admin Services |  |  |  |  |  |  |  |  |  |
| 161 |  |  |  | Well 8 Fe and Mn Filiter |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Hydraulic Improvement Pipelines |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  | Hydrauic Improvement Pipeilines |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Project Total | - | $\cdot$ | - | $\cdot$ | - | - | $\cdot$ | - | 1,071,600 |
| 164 |  |  |  |  |  |  |  |  |  |  |  |  |  |

Exhibit 4 - support for Attachment 11


Exhibit 4 - support for Attachment 11


Exhibit 4 - support for Attachment 11







## Exhibit 6 - support for Attachment 11

Madison Water Utility
12(3)2013
WORK IN PROGRESS
WORK ORDERS IN 10700
Job No.
Amount

| 1-0460-08 | The Meadowlands Phase 3 - Mains - PC | 872.81 |
| :---: | :---: | :---: |
| 1-0460-09 | The Meadowlands Phase 3 - Services - PC | 0.00 |
| 1-0460-18 | Grandview Commons Phase 11 - Mains - PC | 13,165.87 |
| 1-0460-73 | Village @ Autumn Lake - Phase I-Mains - PC | 2,895.71 |
| 1-0460-74 | Village @ Autumn Lake - Phase I-Svcs - PC | 0.00 |
| 1-0460-75 | Village @ Autumn Lake - Phase II-Mains - PC | 2,434.05 |
| 1-0460-76 | Village @ Autumn Lake - Phase II - Svcs - PC | 0.00 |
| 1-0730-39 | Lower 20" Main for UW (near Warf Bldg) | 16,379.39 |
| 1-0750-82 | Wellhead Protection Wells 7, 11, 16, 17 | 106,935.03 |
| 1-0850-82 | Booster Station 118 - Arbor Hills Project | 1,259,353.39 |
| 1-0860-13 | Fifth Addition to Cherokee Park - Mains - PC | 2,102.78 |
| 1-0860-14 | Fifth Addition to Cherokee Park - Services - PC | 0.00 |
| 1-0950-81 | UW 25 Wellhead Protection Plan | 24,887.54 |
| 1-0960-09 | Brown Business Park - Mains - PC | 859.96 |
| 1-0960-10 | Brown Business Park - Services - PC | 0.00 |
| 1-0960-17 | Northport Commons Addendum - Mains - PC | 1,499.54 |
| 1-0960-18 | Northport Commons Addendum - Services - PC | 0.00 |
| 1-1030-39 |  | 595,553.88 |
| 1-1030-40 | South Pt Rd Relocate Hydts \& Install new Laterals | 52,454.60 |
| 1-1040-61 | AMI Project Phase 1 RFP | 298,279.20 |
| 1-1050-81 | UW 17 FSN Enhancements | 16,400.40 |
| 1-1050-84 | Replace 120 Water Tower enaryex (0) | 1,351,341.58 |
| 1-1060-11 | 6901 McKee Road - Mains - PC | 52.74 |
| 1-1060-12 | 6901 McKee Road - Services - PC | 0.00 |
| 1-1130-33 | Koster St - Reconnect Svcs \& Abandon Main 7 | 26,597.45 |
| 1-1130-35 | Distribution System Monitoring Aborfersed? | 29,233.96 |
| 1-1130-40 | Warner Park Meter Pit | 9,085.99 |
| 1-1130-52 | UW 15 VOC Air Stripper | 2,629,718.09 |
| 1-1150-75 | Installation of Fiber Optic Equipment | 15,063.81 |
| 1-1150-79 | Pressure Zone 4 (Tradewinds Test Well \#31) | 588,835.08 |
| 1-1160-12 | University Research Park Pioneer Phase 1-Mains - PC | 0.00 |
| 1-1160-13 | University Research Park Pioneer Phase 1-Services - PC | 0.00 |
| 1-1170-11 | Koster - Mains MWU - USE 1-1130-33 | 0.00 |
| 1-1170-12 | Koster - Services MWU - USE 1-1130-33 | 0.00 |
| 1-1180-25 | 7173 Manufacturers Dr 10 " Svc (Cut-In) | 0.00 |
| 1-1220-22 | Manitou Way - Replace backyard services - MWU | 19,895.87 |
| 1-1230-36 | Project H2O Implementation (AMI Ph 2) | 8,037,237.32 |
| 1-1230-39 | MWU 130th Anniversary 9 -sos (or 2d15? | 4,278.56 |
| 1-1230-43 | 5555 High Crossing Blvd - Relocate Hydrant | 1,257.01 |
| 1-1230-44 | Industrial Drive/Nob Hill Connection | 871.72 |
| 1-1250-73 | UW 3 Replacement - East Isthmus Well | 21,045.26 |
| 1-1250-74 | Repaint Cross Hill Drive Elevated Tank 315 wroval | 19,195.50 |
| 1-1250-75 | Pressure Zone 4 (Dairy Drive Test Well) | 140,664.89 |
| 1-1250-79 | UW 7 Iron and Manganese Filter | 725,888.87 |
| 1-1250-82 | Booster Station 106 Reconstruction | 1,169,941.66 |

## Exhibit 6 - support for Attachment 11 <br> Madison Water Utility n及1及

| 1-1250-83 | UW 20 Pump Upgrade | 469,578.65 |
| :---: | :---: | :---: |
| 1-1250-84 | UW 26 Generator Addition | 73,060.74 |
| 1-1250-85 | UW 24 Pump removal, repair \& bore hole rehab | 60,340.90 |
| 1-1260-13 | Cardinal Glen Phase 6 - Mains - PC | 5,424.48 |
| 1-1260-15 | Linden Park Phase 10 - Mains - PC | 5,640.56 |
| 1-1260-16 | Linden Park Phase 10-Services - PC | 1,185.04 |
| 1-1260-17 | Oak Park Place-Shorewood Hills - Mains - PC | 0.00 |
| 1-1260-18 | Oak Park Place-Shorewood Hills - Services - PC | 0.00 |
| 1-1260-25 | First Addn to Hawks Creek Phase 1A - Mains - PC | 4,110.97 |
| 1-1260-29 | Elderberry Rd \& Samuel Dr - Mains - CC | 148,910.19 |
| 1-1260-30 | Elderberry Rd \& Samuel Dr - Services - CC | 0.00 |
| 1-1270-21 | Park Way - Mains - MWU | 566.40 |
| 1-1270-22 | Park Way - Services - MWU | 0.00 |
| 1-1270-23 | 1766 Fordem - Mains - MWU | 1,421.19 |
| 1-1270-28 | Ice Age Trail - Lower Main - Mains - MWU | 652.19 |
| 1-1270-29 | Ice Age Trail - Lower Main - Services - MWU | 0.00 |
| 1-1270-30 | Verona Road WI-DOT Ph 1 - Mains - CC | 155,199.53 |
| 1-1270-31 | Verona Road WI-DOT Ph 1 - Services - CC | 0.00 |
| 1-1270-38 | East Johnson: Butler to Baldwin - Mains - CC | 38,186.96 |
| 1-1270-39 | East Johnson: Butler to Baldwin - Services - CC | 7,538.20 |
| 1-1270-40 | Livingston St: E Johnson to E Wash - Mains - CC | 169,382.94 |
| 1-1270-41 | Livingston St: E Johnson to E Wash - Svcs - CC | 2,098.91 |
| 1-1270-42 | E Washington \& Livingston Intersection - Mains - CC | 65,684.27 |
| 1-1270-44 | E Dayton \& N Brearly - Mains - CC | 438,498.74 |
| 1-1270-45 | E Dayton \& N Brearly - Services - CC | 7,902.84 |
| 1-1270-46 | N. Fairchild \& W Mifflin - Mains - CC | 77,653.68 |
| 1-1270-47 | N. Fairchild \& W Mifflin - Services - CC | 605.11 |
| 1-1270-48 | Webster St: E Washington to Doty - Mains - CC | 244,945.33 |
| 1-1270-49 | Webster St: E Washington to Doty - Services - CC | 1,007.70 |
| 1-1270-50 | N Henry St \& lota Ct - Mains - CC | 244,798.17 |
| 1-1270-51 | N Henry St \& lota Ct - Services - CC | 4,248.88 |
| 1-1270-52 | Monona Dr: Pflaum to Winnequah-Relocate hydrants \& curb stops-MWU | 158,248.74 |
| 1-1280-16 |  | 0.00 |
| 1-1330-34 | Which Well Serves My Home Update Brabt wed ank gogl) | 25,257.72 |
| 1-1330-36 | Langdon St Lower Water Main | 2,991.05 |
| 1-1330-38 | Sphere 315 Lightning Strike 4/9/13 | 3,633.77 |
| 1-1330-40 | UW Engineering Grad Student Project-Motor Efficiency Study do ${ }^{\circ}$ grast | 2,557.89 |
| 1-1330-42 | Larkin Tower Antenna Storm Damage | 918.50 |
| 1-1330-44 | 1300 Block of W Dayton (Cut-In Valve) | 316.82 |
| 1-1330-45 | Dane County SREF Bldg - Lower Water Main | 0.00 |
| 1-1330-47 | 5927 Schroeder Rd Well Abandonment | 5,471.59 |
| 1-1330-48 | 3102 Progress Rd MMSD NE Interceptor | 1,835.51 |
| 1-1330-50 | Johnson @ Livingston Water Main Abandonment | 11,225.83 |
| 1-1340-52 | Purchase Ford E-350 W-16A W-64A | 40,126.77 |
| 1-1340-53 | Purchase Ford E-450-W-8A W-22A W-8A | 51,863.27 |
| 1-1340-57 | Purchase Ford F450 W-59A | 0.00 |
| 1-1340-58 | Purchase John Deere Backhoe W-84A | 113,127.07 |
| 1-1340-59 | Purchase Ford F-350 W-52B (2013 budget) | 0.00 |
| 1-1340-60 | Purchase Ford F-350 W-19B (2014 budget) | 0.00 |

Exhibit 6 - support for Attachment 11
Madison Water Utility
$12(31 / 13$
725,495.97

| 1-1350-72 | UW 31 - Drill Well | 725,495.97 |
| :---: | :---: | :---: |
| 1-1350-76 | UW 17 Rebuild Booster Pump \#2 | 28,455.12 |
| 1-1350-77 | Op Center Rebuild | 36,864.37 |
| 1-1350-79 | UW 26 Reservoir Repairs | 132,288.88 |
| 1-1350-80 | UW 10-Abandon Well | 83,215.99 |
| 1-1350-81 | UW 13 Deep Well Pump | 50,810.55 |
| 1-1350-82 | UW 20 Cell Compound Fence Construction | 36,571.22 |
| 1-1350-83 | UW 24 Reservoir Roof Repair | 15,157.18 |
| 1-1350-85 | UW 6 Reservoir Roof | 23,296.00 |
| 1-1350-86 | Lake View Reservoir 113 Reconstruction | 33,359.56 |
| 1-1350-87 | UW 6 Booster Pump VFD Addition | 49,035.55 |
| 1-1350-88 | UW 29 Deep Well Removal, Treatment \& Reinstallation | 55,187.18 |
| 1-1350-90 | UW 28 Deep Well Removal, Treatment \& Reinstallation | 9,502.74 |
| 1-1350-91 | Booster Station 115 Upgrade | 1,089.86 |
| 1-1350-92 | UW 24 Booster Frequency Drives | 62,746.55 |
| 1-1350-93 | UW 20 Generator Emissions Upgrade | 1,671.89 |
| 1-1350-94 | UW 30 Generator Emissions Upgrade | 1,671.89 |
| 1-1350-95 | UW 24 Reservoir Electric Service Addition | 0.00 |
| 1-1360-01 | 1815 University Ave - Services - MWU | 271.29 |
| 1-1360-02 | 6002 Cottage Grove Road - Copps Market - Mains - PC | 4,607.95 |
| 1-1360-03 | 6002 Cottage Grove Road - Copps Market - Svcs - PC | 0.00 |
| 1-1360-04 | Town Center Addition to Grandview Commons - Utilities - Mains - PC | 3,714.22 |
| 1-1360-05 | Town Center Addition to Grandview Commons - Utilities - Svcs - PC | 431.34 |
| 1-1360-06 | Cardinal Glenn - Phase 7-Mains - PC | 6,234.21 |
| 1-1360-07 | Cardinal Glenn - Phase 7-Svcs - PC | 596.40 |
| 1-1360-08 | 5302 Tancho Dr - Mains - PC | 5,669.32 |
| 1-1360-09 | 5302 Tancho Dr - Services - PC | 372.81 |
| 1-1360-10 | Woodstone Replat \#2-Mains - PC | 11,247.97 |
| 1-1360-11 | Woodstone Replat \#2-Services - PC | 2,256.81 |
| 1-1360-12 | Blackhawk Eighth Addition Phase 7 - Mains - PC | 5,660.83 |
| 1-1360-13 | Blackhawk Eighth Addition Phase 7-Services - PC | 339.01 |
| 1-1360-14 | Grandview Commons Phase 18-Mains - PC | 1,034.63 |
| 1-1360-15 | Grandview Commons Phase 18-Services - PC | 0.00 |
| 1-1360-16 | Linden Park Phase 11 - Mains - PC | 69.59 |
| 1-1360-17 | Linden Park Phase 11 - Services - PC | 0.00 |
| 1-1360-18 | Meadowlands Phase 6 - Mains - PC | 5,323.20 |
| 1-1360-19 | Meadowlands Phase 6-Services - PC | 223.69 |
| 1-1360-20 | Secret Places Phase 9-Mains - PC | 6,820.15 |
| 1-1360-21 | Secret Places Phase 9 - Services - PC | 208.36 |
| 1-1360-22 | Grandview Commons Phase 19 - Mains - PC | 5,831.73 |
| 1-1360-23 | Grandview Commons Phase 19 - Services - PC | 818.01 |
| 1-1360-24 | Secret Places Phase 10 - Mains - PC | 3,895.80 |
| 1-1360-25 | Secret Places Phase 10 - Services - PC | 108.99 |
| 1-1360-26 | Jeffy $\operatorname{Tr}$ Water Main Extension-Mains-CC | 39,494.03 |
| 1-1360-27 | Jeffy $\operatorname{Tr}$ Water Main Extension-Services-CC | 0.00 |
| 1-1360-28 | Trevor Way Water Main Extension-Mains-CC | 67,945.51 |
| 1-1360-29 | Trevor Way Water Main Extension-Services-CC | 608.88 |
| 1-1360-30 | Cardinal Glenn Phase 8 - Mains - PC | 3,406.41 |
| 1-1360-31 | Cardinal Glenn Phase 8 - Services - PC | 866.25 |

## Exhibit 6 - support for Attachment 11 <br> Madison Water Utility 2313

| 1-1360-32 | Hawks Woods Estates - Mains - PC | 1,777.36 |
| :---: | :---: | :---: |
| 1-1360-33 | Hawks Woods Estates - Services - PC | 0.00 |
| 1-1360-34 | Novation Campus II Ph 2 (Town of Madison) - Mains - CC | 0.00 |
| 1-1360-35 | Hayes-Independence-Declaration - Mains - CC | 12,715.13 |
| 1-1360-36 | Hayes-Independence-Declaration - Services - CC | 62.29 |
| 1-1360-37 | Cannonball Ph 4-Ridgewood Way - Mains - CC | 2,682.09 |
| 1-1360-38 | Cannonball Ph 4-Ridgewood Way - Services - CC | 0.00 |
| 1-1360-39 | Cannonball Ph 5-UW Arboretum - Mains - CC | 1,155.43 |
| 1-1360-40 | Cannonball Ph 5-UW Arboretum - Services - CC | 0.00 |
| 1-1360-41 | Woodstone Phase 3 - Mains - PC | 1,061.47 |
| 1-1360-42 | Woodstone Phase 3-Services - PC | 0.00 |
| 1-1360-43 | McAllen 120 Business Park - Mains - PC | 9,975.12 |
| 1-1360-44 | McAllen 120 Business Park - Services - PC | 234.31 |
| 1-1360-45 | 3901 Hanson Rd - Mains - PC | 28.68 |
| 1-1360-46 | 3901 Hanson Rd - Services - PC | 0.00 |
| 1-1360-47 | 1802 Maplecrest Ph 3 - Mains - PC | 3,632.60 |
| 1-1360-48 | 1802 Maplecrest Ph 3-Svcs - PC | 595.09 |
| 1-1360-49 | Lancaster Dr - Mains - CC | 1,005.30 |
| 1-1360-50 | Lancaster Dr - Svcs - CC | 0.00 |
| 1-1360-51 | Hwy 151/Lancaster Dr Watermain Crossing - CC | 893.30 |
| 1-1370-01 | Mound St - Randall to Brooks - Mains - CC | 228,427.74 |
| 1-1370-02 | Mound St - Randall to Brooks - Svcs - CC | 2,933.92 |
| 1-1370-03 | N Stoughton Rd Service Rd - N Stoughton to Orin - Mains - CC | 178,944.11 |
| 1-1370-04 | N Stoughton Rd Service Rd - N Stoughton to Orin - Svcs - CC | 703.98 |
| 1-1370-05 | N Whitney Way - Old Middleton to University - Mains - CC | 177,516.52 |
| 1-1370-06 | N Whitney Way - Old Middleton to University - Svcs - CC | 469.27 |
| 1-1370-07 | Pinecrest Dr - E Washington to Burke - Mains - CC | 847.27 |
| 1-1370-08 | Pinecrest Dr - E Washington to Burke - Svcs - CC | 77.84 |
| 1-1370-09 | Storm w/Resurfacing - Kinsman Blvd - Mains - CC | 170,954.11 |
| 1-1370-10 | Storm w/Resurfacing - Kinsman Blvd - Services - CC | 65.84 |
| 1-1370-11 | Highland Ave - University to north end - Mains - CC | 94,789.11 |
| 1-1370-12 | Highland Ave - University to north end - Services - CC | 574.16 |
| 1-1370-13 | Wheeler, Deleware, Northland - Mains - CC | 344,666.55 |
| 1-1370-14 | Wheeler, Deleware, Northland - Services - CC | 2,627.84 |
| 1-1370-15 | Baltzell St, Cross St - Mains - CC | 145,399.40 |
| 1-1370-16 | Baltzell St, Cross St - Services - CC | 1,761.38 |
| 1-1370-17 | Storm w/Resurfacing - Agate Ln - Mains - CC | 164,544.17 |
| 1-1370-18 | Storm w/Resurfacing - Agate Ln - Services - CC | 1,408.74 |
| 1-1370-19 | Storm w/Resurfacing - Whitcomb \& Loruth - Mains - CC | 308,052.57 |
| 1-1370-20 | Storm w/Resurfacing - Whitcomb \& Loruth - Services - CC | 735.29 |
| 1-1370-21 | N Brooks St, Clymer PI \& Bernard Ct: Dayton to Univ/Park to Mills - Mains - CC | 48,838.79 |
| 1-1370-22 | N Brooks St, Clymer PI \& Bernard Ct: Dayton to Univ/Park to Mills - Svcs - CC | 1,137.04 |
| 1-1370-23 | Dow Ct: Wilson to end - Mains - CC | 42,057.91 |
| 1-1370-24 | Dow Ct: Wilson to end - Services - CC | 0.00 |
| 1-1370-25 | Langdon St: Wisconsin to Carroll - Mains - CC | 169,806.89 |
| 1-1370-26 | Langdon St: Wisconsin to Carroll - Services - CC | 415.98 |
| 1-1370-27 | Cherokee Dr: Midvale to Nakoma - Mains - CC | 265,559.40 |
| 1-1370-28 | Cherokee Dr: Midvale to Nakoma - Services - CC | 31,160.75 |
| 1-1370-29 | Merrill Crest Dr: Langlois to Old Middleton - Mains - CC | 163,491.31 |

Exhibit 6 - support for Attachment 11
Madison Water Utility $1231 / 3$


Retainages booked J1201T, 4/18/14

Final Balance Work Orders in 10700
$322,702.12$
$25,377,714.26$
General Ledger Balance 10700 12/31/13
$1-1040-61$ Amt



Page 5 of 5

Job No.

| 1-0460-19 | Grandview Commons Phase 11 - Services - PC | 214.01 |
| :---: | :---: | :---: |
| 1-0560-73 | Kennedy Point Condominiums PUD - Mains - PC | 3,506.79 |
| 1-0560-74 | Kennedy Point Condominiums PUD - Services -PC | 47.45 |
| 1-0760-04 | First Addn to Hawks Creek Phase 1-Services - PC - Close w/1-1260-26 | 2,474.47 |
| 1-0760-17 | Airport Ramp Expansion - PC | 17,051.57 |
| 1-0760-25 | 8th Addition to Blackhawk Phase 3-Mains - PC | 6,353.16 |
| 1-0760-26 | 8th Addition to Blackhawk Phase 3-Services - PC | 104.18 |
| 1-0860-03 | Tradesman Commerce Park - Mains - PC | 5,429.79 |
| 1-0860-04 | Tradesman Commerce Park - Services - PC | 486.24 |
| 1-0860-15 | Woodstone Phase 1-Mains - PC | 14,588.53 |
| 1-0860-16 | Woodstone Phase 1-Services - PC | 399.27 |
| 1-0870-09 | Merry - Mains - CC | 93,591.66 |
| 1-0870-10 | Merry - Services - CC | 1,457.85 |
| 1-0870-49 | East Campus Utilities Main Replacement - Mains - CC | 21,266.10 |
| 1-0870-50 | East Campus Utilities Main Replacement - Svcs - CC | 0.00 |
| 1-0960-01 | Union South Redevelopment - Mains - PC | 11,306.97 |
| 1-0960-02 | Union South Redevelopment - Services - PC | 0.00 |
| 1-0960-05 | Novation Campus II - Mains - (Town of Madison) | 123,863.32 |
| 1-0960-06 | Novation Campus II-Services - (Town of Madison) | 32.66 |
| 1-0960-20 | Regas Road - New Main - CC | 119,282.19 |
| 1-0960-23 | Cardinal Glenn Phs 2B - Services - PC | 1,732.03 |
| 1-0970-17 | University Ave Main Replacement- University @ Breese - Mns | 532,373.63 |
| 1-0970-18 | University Ave Main Replacement- University @ Breese - Svcs | 75.23 |
| 1-0970-27 | Hargrove St: Margaret to Dennett-Mains | 990.42 |
| 1-0970-28 | Hargrove St: Margaret to Dennett-Services | 0.00 |
| 1-0970-33 | University Bay Dr-Replace 16" Main - CC | 7,341.56 |
| 1-0970-40 | University Ave: Shorewood to Segoe-Mns-CC | 1,195,769.72 |
| 1-0970-41 | University Ave: Shorewood to Segoe-Svs-CC | 577.65 |
| 1-1060-04 | Linden Park Phase 9-Svs - PC | 1,246.13 |
| 1-1060-07 | 1802 Maplecrest Dr PUD Phase 2 - Mns - PC | 6,103.49 |
| 1-1060-08 | 1802 Maplecrest Dr PUD Phase 2 - Svcs - PC | 104.79 |
| 1-1060-14 | Grandview Commons - Phase 16-Svcs PC | 1,059.22 |
| 1-1060-15 | Anderson St Water Main - CC | 751,395.19 |
| 1-1070-13 | STH 113: Packers Replace Water Main - Mns - CC | 1,109,154.17 |
| 1-1070-14 | STH 113: Packers Replace Water Main - Svcs - CC | 3,044.29 |
| 1-1070-19 | Camden Rd: Pflaum to Hob - Mns - CC | 237,986.36 |
| 1-1070-20 | Camden Rd: Pflaum to Hob-Svcs - CC | 2,726.34 |
| 1-1070-23 | Buckeye Rd: Spaanem to Shaffer - Mns\&Svc-MWU | 74,949.09 |
| 1-1070-41 | 300 Block N Park - Mains | 23,526.62 |
| 1-1070-42 | 1100 Block Milton Street - Mains (WU) | 35,487.96 |
| 1-1070-43 | 400 Block N Park Relocate Main | 13,929.50 |
| 1-1070-44 | Droster Rd - Buckeye to north - Mains | 241,688.98 |
| 1-1070-45 | Droster Rd - Buckeye to north - Services | 0.00 |
| 1-1070-54 | University - Breese Terr to Allen Street Mains | 649,370.38 |

Job No.

University - Breese Terr to Allen Street Svcs
3,755.05
1-1130-32
1-1160-01
1-1160-02
1-1160-03
1-1160-04
1-1160-05
1-1160-06
1-1160-07
1-1160-08
1-1160-09
1-1160-14
1-1160-15
1-1170-13
1-1170-14
1-1170-15
1-1170-16
1-1170-31
$1-1170-32$
$1-1170-33$
1-1170-34
1-1170-35
1-1170-36
1-1170-37
1-1170-40
1-1170-41
1-1170-42 630 N Frances relocate hydrant - CC
1-1170-43
1-1170-44
1-1170-45
1-1170-46
1-1170-47
1-1170-48
1-1170-49
1-1170-50 N Orchard / Spring - Mains - CC
1-1170-51 N Orchard / Spring - Services - CC
1-1230-35 Truax ANG Building Water Main Relocate
1-1230-46 Kraft Foods Main \& Service Replacement
1-1230-47
1-1260-01 Blackhawk 8th Addition - Phase 6 - Mains - PC
1-1260-02 Blackhawk 8th Addition - Phase 6 - Svcs - PC
1-1260-05
1-1260-06 Mineral Point / Junction Road - Mains - CC
1-1260-07 Mineral Point / Junction Road - Svcs - CC
363.02

7,083.85
266.56

1,815.78
224,516.27
404.19

547,140.91
1,652.45
30,950.91
1,094.51
18,302.94
902.00

408,727.85
569.28

443,880.40
0.00

52,869.70
46,522.51
10,503.00
935,246.35
6,378.79
832,851.20
4,285.98
92,874.61
654.44

20,619.42
202,852.95
681,997.26
1,510.87
209,519.20
6,668.02
259,474.10
4,161.73
275,942.78
1,779.37
3,551.27
593.64
396.09

2,047.66
502.19

69,274.73
555,086.65
0.00

Job No.
Description
Amount

| 1-1260-09 | Grandview Commons Phase 17 - Mains - PC | 7,339.41 |
| :---: | :---: | :---: |
| 1-1260-10 | Grandview Commons Phase 17 - Services - PC | 1,214.62 |
| 1-1260-12 | Cardinal Glen Phase 5 - Services - PC | 907.13 |
| 1-1260-14 | Cardinal Glen Phase 6 - Services - PC | 540.32 |
| 1-1260-19 | Pankratz Street CSM - Mains - PC | 11,793.60 |
| 1-1260-20 | Pankratz Street CSM - Services - PC | 57.23 |
| 1-1260-23 | Secret Places Ph 8 - Mains - PC | 6,663.24 |
| 1-1260-24 | Secret Places Ph 8 - Services - PC | 939.13 |
| 1-1260-26 | First Addn to Hawks Creek Phase 1A - Services - PC | 293.78 |
| 1-1260-27 | Rodefeld Landfill Water Main - Mains - PC | 11,706.29 |
| 1-1260-28 | Rodefeld Landfill Water Main - Services - PC | 449.19 |
| 1-1270-01 | Rosa Road - Mains - CC | 841,167.27 |
| 1-1270-02 | Rosa Road - Services - CC | 4,524.79 |
| 1-1270-03 | Jenifer St: Rogers to Thornton - Mains - CC | 195,309.98 |
| 1-1270-04 | Jenifer St: Rogers to Thornton - Services - CC | 1,438.72 |
| 1-1270-05 | E Dayton St: Few to Baldwin - Mains - CC | 11,124.94 |
| 1-1270-06 | E Dayton St: Few to Baldwin - Services - CC | 2,168.16 |
| 1-1270-09 | Ingersoll / Rutledge - Mains - CC | 233,913.52 |
| 1-1270-10 | Ingersoll / Rutledge - Services - CC | 2,775.82 |
| 1-1270-13 | Frances / Gorham / Henry - Mains - CC | 68,649.86 |
| 1-1270-14 | Frances / Gorham / Henry - Services - CC | 1,373.66 |
| 1-1270-15 | Midland St: Fish Hatchery to Wingra - Mains - CC | 89,524.98 |
| 1-1270-16 | Midland St: Fish Hatchery to Wingra - Services - CC | 2,368.31 |
| 1-1270-17 | Madison St: Grant to Van Buren - Mains - CC | 160,497.14 |
| 1-1270-18 | Madison St: Grant to Van Buren - Services - CC | 2,167.22 |
| 1-1270-19 | 1600 Block W Beltline Frontage Rd - Mains - MWU | 42,968.59 |
| 1-1270-20 | 1600 Block W Beltline Frontage Rd - Svcs - MWU | 2,110.53 |
| 1-1270-24 | Segoe Road@ Odana Road - Mains - CC | 92,733.36 |
| 1-1270-25 | Segoe Road @ Odana Road - Services - CC | 20.71 |
| 1-1270-26 | Conklin Place - Mains - CC | 131,979.34 |
| 1-1270-27 | Conklin Place - Services - CC | 1,193.51 |
| 1-1270-34 | CIPP Water Main Rehab 2012 - Mains - CC | 398,053.41 |
| 1-1270-35 | CIPP Water Main Rehab 2012 - Services - CC | (445.44) |
| 1-1270-36 | Rutledge Street - West Dead End - Mains - MWU | 40,552.84 |
| 1-1270-37 | Rutledge Street - West Dead End - Services - MWU | 13,397.42 |
| 1-1270-43 | Arboretum Pond 3 - Lower Main - Mains - CC | 3,723.05 |
|  |  | 13,666,875.07 |

## 2015 INCREASE AT $6.50 \%$ ROR

|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Overall Rate Increase | 0.0\% | 0.0\% | 0.0\% | 30.42\% | 0.0\% | 12.0\% | 0.0\% | 10.0\% | 0.0\% | 10.0\% | 0.0\% | 8.0\% | 0.0\% | 8.0\% | 0.0\% | 8.0\% | 0.0\% |
| Unmetered Sales | \$110,945 | \$72,497 | \$70,000 | \$80,646 | \$91,291 | \$102,246 | \$102,246 | \$112,471 | \$112,471 | \$123,718 | \$123,718 | \$133,616 | \$133,616 | \$144,305 | \$144,305 | \$155,849 | \$155,849 |
| Revenues from Residential | \$12,545,053 | \$11,124,051 | \$11,272,537 | \$13,076,518 | \$14,802,700 | \$16,579,024 | \$16,579,024 | \$18,236,926 | \$18,236,926 | \$20,060,619 | \$20,060,619 | \$21,665,468 | \$21,665,468 | \$23,398,706 | \$23,398,706 | \$25,270,602 | \$25,270,602 |
| Revenues from Multi-Family |  | \$4,728,127 | \$4,699,698 | \$5,424,084 | \$6,140,097 | \$6,876,909 | \$6,876,909 | \$7,564,600 | \$7,564,600 | \$8,321,059 | \$8,321,059 | \$8,986,744 | \$8,986,744 | \$9,705,684 | \$9,705,684 | \$10,482,138 | \$10,482,138 |
| Revenues from Commercial | \$9,342,942 | \$4,228,870 | \$4,190,427 | \$4,775,616 | \$5,406,027 | 6,054,751 | \$6,054,751 | \$6,660,226 | \$6,660,226 | \$7,326,248 | \$7,326,248 | \$7,912,348 | \$7,912,348 | \$8,545,336 | \$8,545,336 | \$9,228,963 | \$9,228,963 |
| Revenues from Industrial | \$1,136,010 | \$1,153,442 | \$1,078,225 | \$1,238,064 | \$1,401,497 | \$1,569,676 | \$1,569,676 | \$1,726,644 | \$1,726,644 | \$1,899,308 | \$1,899,308 | \$2,051,253 | \$2,051,253 | \$2,215,353 | \$2,215,353 | \$2,392,582 | \$2,392,582 |
| Revenues from Public Authority | \$2,814,579 | \$2,834,934 | \$2,676,592 | \$3,168,264 | \$3,586,495 | \$4,016,874 | \$4,016,874 | \$4,418,562 | \$4,418,562 | \$4,860,418 | \$4,860,418 | \$5,249,251 | \$5,249,251 | \$5,669,191 | \$5,669,191 | \$6,122,726 | \$6,122,726 |
| Revenues from Wholesale | \$330,242 | \$344,064 | \$340,848 | \$385,910 | \$436,852 | \$489,275 | \$489,275 | \$538,202 | \$538,202 | \$592,022 | \$592,022 | \$639,384 | \$639,384 | \$690,535 | \$690,535 | \$745,778 | \$745,778 |
| Revenues from Public Fire | \$2,873,140 | \$2,925,698 | \$3,047,526 | \$3,515,147 | \$3,979,169 | \$4,456,669 | \$4,456,669 | \$4,902,336 | \$4,902,336 | \$5,392,570 | \$5,392,570 | \$5,823,975 | \$5,823,975 | \$6,289,893 | \$6,289,893 | \$6,793,085 | \$6,793,085 |
| Revenues from Private Fire | \$367,791 | \$377,184 | \$377,180 | \$434,542 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 |
| Other Operating Revenues | \$797,441 | \$1,205,912 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 |
| Total Operating Revenues | \$30,318,143 | \$28,994,779 | \$28,963,033 | \$33,308,792 | \$37,546,033 | \$41,847,328 | \$41,847,328 | \$45,861,871 | \$45,861,871 | \$50,277,867 | \$50,277,867 | \$54,163,944 | \$54,163,944 | \$58,360,908 | \$58,360,908 | \$62,893,628 | \$62,893,628 |
| Non-Operating Revenues | \$380,532 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | 240,19 |
| O\&M - Source of Supply | \$70,902 | \$63,875 | \$72,249 | \$148,296 | \$151,262 | \$154,287 | \$157,373 | \$160,520 | \$163,731 | \$167,005 | \$170,345 | \$173,752 | \$177,227 | \$180,772 | \$184,387 | \$188,075 | \$191,837 |
| O\&M - Pumping | \$3,594,642 | \$3,604,286 | \$3,665,404 | \$4,008,722 | \$4,088,896 | \$4,170,674 | \$4,254,088 | \$4,339,170 | \$4,425,953 | \$4,514,472 | \$4,604,762 | \$4,696,857 | \$4,790,794 | \$4,886,610 | \$4,984,342 | \$5,084,029 | \$5,185,709 |
| O\&M - Water Treatment | \$748,477 | \$775,044 | \$745,343 | \$789,252 | \$805,037 | \$821,138 | \$837,561 | \$854,312 | \$871,398 | \$888,826 | \$906,602 | \$924,735 | \$943,229 | \$962,094 | \$981,336 | \$1,000,962 | \$1,020,982 |
| O\&M - Transmission \& Distributio | \$5,148,520 | \$5,601,638 | \$5,611,434 | \$5,764,660 | \$5,879,953 | \$5,997,552 | \$6,117,503 | \$6,239,853 | \$6,364,650 | \$6,491,943 | \$6,621,782 | \$6,754,218 | \$6,889,302 | \$7,027,088 | \$7,167,630 | \$7,310,983 | \$7,457,202 |
| O\&M - Customer Accounts | \$618,491 | \$718,659 | \$664,615 | \$677,908 | \$691,466 | \$705,295 | \$719,401 | \$733,789 | \$748,465 | \$763,435 | \$778,703 | \$794,277 | \$810,163 | \$826,366 | \$842,893 | \$859,751 | \$876,946 |
| O\&M - Admin. \& General | \$3,354,667 | \$3,469,956 | \$3,496,688 | \$3,718,785 | \$3,793,161 | \$3,869,024 | \$3,946,404 | \$4,025,332 | \$4,105,839 | \$4,187,956 | \$4,271,715 | \$4,357,149 | \$4,444,292 | \$4,533,178 | \$4,623,842 | \$4,716,319 | \$4,810,645 |
| Total O\&M Expenses | \$13,535,699 | \$14,233,458 | \$14,255,733 | \$15,107,623 | \$15,409,775 | \$15,717,971 | \$16,032,330 | \$16,352,977 | \$16,680,037 | \$17,013,637 | \$17,353,910 | \$17,700,988 | \$18,055,008 | \$18,416,108 | \$18,784,430 | \$19,160,119 | \$19,543,321 |
| PILOT | \$4,931,166 | \$5,390,047 | \$5,736,002 | \$6,251,690 | \$6,685,396 | \$7,138,544 | \$7,621,549 | \$8,144,492 | \$8,701,231 | \$9,293,818 | \$9,927,509 | \$10,605,706 | \$11,329,441 | \$12,102,230 | \$12,928,056 | \$13,810,406 | \$14,752,757 |
| Other Tax Expenses | \$386,507 | \$231,875 | \$117,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 |
| Debt |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Bonds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest Expense | \$2,008,764 | \$2,782,739 | \$3,399,942 | \$3,775,142 | \$3,647,856 | \$3,500,880 | \$3,335,193 | \$3,156,237 | \$2,962,035 | \$2,753,500 | \$2,539,566 | \$2,332,545 | \$2,122,477 | \$1,908,296 | \$1,696,419 | \$1,508,930 | \$1,173,944 |
| Principal Retirement | \$2,465,000 | \$3,365,000 | \$4,325,000 | \$4,535,000 | \$4,635,000 | \$4,775,000 | \$4,915,000 | \$5,075,000 | \$5,245,000 | \$5,285,000 | \$5,145,000 | \$5,320,000 | \$5,505,000 | \$5,710,000 | \$6,440,000 | \$6,685,000 | \$7,175,000 |
| Refunding Bonds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest Expense | \$1,632,944 | \$1,584,456 | \$1,540,131 | \$1,470,306 | \$1,412,806 | \$1,348,806 | \$1,251,406 | \$1,174,238 | \$1,079,569 | \$975,819 | \$860,319 | \$723,694 | \$577,319 | \$446,819 | \$329,419 | \$228,319 | \$190,209 |
| Principal Retirement | \$1,510,000 | \$1,570,000 | \$1,610,000 | \$1,585,000 | \$2,010,000 | \$2,070,000 | \$2,055,000 | \$2,040,000 | \$2,110,000 | \$2,510,000 | \$2,955,000 | \$2,900,000 | \$2,900,000 | \$2,970,000 | \$2,085,000 | \$2,175,000 | \$2,280,000 |
| Advance from Municipality |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest Expense | \$92,181 | \$85,746 | \$77,763 | \$71,169 | \$64,162 | \$56,620 | \$48,687 | \$40,056 | \$30,871 | \$26,790 | \$22,110 | \$16,763 | \$10,611 | \$3,891 | \$3,923 | \$3,95 | \$3,98 |
| Principal Retirement | \$822,717 | \$827,357 | \$833,158 | \$839,249 | \$846,499 | \$854,040 | \$862,451 | \$872,022 | \$117,464 | \$129,065 | \$141,536 | \$154,588 | \$168,799 | \$0 | \$0 | \$0 | \$0 |
| New Debt Service | \$0 | S0 | \$0 | \$0 | \$3,311,179 | \$4,749,678 | \$6,185,627 | \$7,641,784 | \$9,092,510 | \$10,537,842 | \$11,984,884 | \$13,434,698 | \$14,882,926 | \$16,330,530 | \$17,778,702 | \$19,227,157 | \$20,675,272 |


|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New Debt Service | \$0 | \$0 | \$0 | \$0 | \$3,311,179 | 49,6 | \$6,185,627 | 784 | ,092,510 | \$10,537,842 | \$11,984,884 | \$13,434,698 | \$14,882,92 | 6,330,530 | \$17,778 | \$19,227,157 |  |
|  | \$8,531,605 | 10,215,298 | 11,785,994 | 12,275,866 | \$15,927,502 | \$17,355,025 | \$18,653,364 | \$19,999,337 | ,63, | 22,2 | \$23,648,415 | \$24,882,287 | \$26,167,133 | \$27,369,536 | \$28,333,463 | \$29,828,361 |  |


| Capital Expenditures | \$19,688,300 | \$18,416,469 | \$20,084,920 | \$20,009,000 | \$19,549,672 | \$19,515,015 | \$19,789,652 | \$19,715,835 | \$19,642,544 | \$19,665,761 | \$19,703,448 | \$19,681,897 | \$19,673,412 | \$19,681,130 | \$19,684,972 | \$19,680,353 | \$19,679,967 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New Borrowing | \$21,095,000 | \$24,335,000 |  | \$45,000,000 | \$19,549,672 | \$19,515,015 | \$19,789,652 | \$19,715,835 | \$19,642,544 | \$19,665,761 | \$19,703,448 | \$19,681,897 | \$19,673,412 | \$19,681,130 | \$19,684,972 | \$19,680,353 | \$19,679,967 |
| Net Cash Flow from Capital Financing | \$1,406,700 | \$5,918,531 | ( $\$ 20,084,920)$ | \$24,991,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 0 | \$0 |




Reserves
Restricte

| ReservesRestricted Reserves |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating Reserve | \$150,000 | 50,000 | 0,000 | \$150,000 | 50,000 | \$150,000 | \$150,000 | \$150,000 | \$150,00 | \$150,000 | \$150,00 | \$150,000 | \$150,0 | \$150,0 | \$150,0 | \$150,000 | \$150,000 |
| Debt Service Fund | \$5,925,680 | \$7,243,803 | \$9,302,195 | \$10,875,073 | \$11,365,449 | \$15,016,841 | \$16,444,364 | \$17,742,226 | \$19,087,259 | \$20,489,114 | \$22,062,161 | \$23,484,769 | \$24,710,936 | \$25,987,722 | \$27,365,645 | \$28,329,540 | \$29,824,406 |
| Special Redemption Reserve | \$9,853,127 | \$11,703,873 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 |
| Depreciation Fund | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 |
| Subtotal Restricted Reserves | \$16,678,807 | \$19,847,676 | \$21,969,733 | \$23,542,611 | \$24,032,987 | \$27,884,379 | \$29,111,902 | \$30,409,764 | \$31,754,797 | \$33,156,652 | \$34,729,699 | \$36,152,307 | \$37,378,474 | \$38,655,260 | \$40,033,183 | \$40,997,078 | \$42,491,944 |
| Construction Fund | \$14,011,600 | \$19,606,390 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unrestricted Reserves | \$2,669,923 | \$2,875,130 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Subtotal Available Reserves | \$16,681,523 | \$22,481,520 | (\$294,900) | \$24,297,908 | \$23,749,464 | \$25,313,449 | \$24,781,731 | \$26,074,992 | \$25,846,343 | \$27,526,936 | \$26,803,164 | \$27,706,324 | \$26,246,883 | \$26,648,112 | \$24,891,267 | \$24,914,204 | \$21,941,537 |
| Total Reserves - End of Year | \$33,360,330 | \$42,329,196 | \$21,674,833 | \$47,840,519 | \$47,782,451 | \$52,997,828 | \$53,893,633 | \$56,484,756 | \$57,601,140 | \$60,683,587 | \$61,532,864 | \$63,858,631 | \$63,625,357 | \$65,303,373 | \$64,924,450 | \$65,911,283 | \$64,433,481 |
| Debt Coverage Calculation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating Revenues | \$30,318,143 | \$28,994,779 | \$28,963,033 | \$33,308,792 | \$37,546,033 | \$41,847,328 | \$41,847,328 | \$45,861,871 | \$45,861,871 | \$50,277,867 | \$50,277,867 | \$54,163,944 | \$54,163,944 | \$58,360,908 | \$58,360,908 | \$62,893,628 | \$62,893,628 |
| less: O\&M Expenses | \$13,535,699 | \$14,233,458 | \$14,255,733 | \$15,107,623 | \$15,409,775 | \$15,717,971 | \$16,032,330 | \$16,352,977 | \$16,680,037 | \$17,013,637 | \$17,353,910 | \$17,700,988 | \$18,055,008 | \$18,416,108 | \$18,784,430 | \$19,160,119 | \$19,543,321 |
| less: Other Tax Expenses | \$386,507 | \$231,875 | \$117,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 |
| divided by: Total Bond Debt Servic | \$7,616,708 | \$9,302,195 | \$10,875,073 | \$11,365,449 | \$15,016,841 | \$16,444,364 | \$17,742,226 | \$19,087,259 | \$20,489,114 | \$22,062,161 | \$23,484,769 | \$24,710,936 | \$25,987,722 | \$27,365,645 | \$28,329,540 | \$29,824,406 | \$31,494,425 |
| Debt Coverage | 215\% | 156\% | 134\% | 157\% | 145\% | 157\% | 144\% | 153\% | 141\% | 149\% | 139\% | 146\% | 138\% | 145\% | 139\% | 146\% | 137\% |


| 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8.0\% | 0.0\% | 3.0\% | 0.0\% | 6.0\% | 0.0\% | 3.0\% | 0.0\% | 6.0\% | 0.0\% |
| \$168,317 | \$168,317 | \$173,367 | \$173,367 | \$183,769 | \$183,769 | \$189,282 | \$189,282 | \$200,639 | \$200,639 |
| \$27,292,250 | \$27,292,250 | \$28,111,018 | \$28,111,018 | \$29,797,679 | \$29,797,679 | \$30,691,609 | \$30,691,609 | \$32,53,106 | \$32,533,106 |
| \$11,320,710 | \$11,320,710 | \$11,660,331 | \$11,660,331 | \$12,359,951 | \$12,359,951 | \$12,730,749 | \$12,730,749 | \$13,494,594 | \$13,494,594 |
| \$9,967,280 | \$9,967,280 | \$10,266,298 | \$10,266,298 | \$10,882,276 | \$10,882,276 | \$11,208,745 | \$11,208,745 | \$11,881,269 | \$11,881,269 |
| \$2,583,988 | \$2,583,988 | \$2,661,508 | \$2,661,508 | \$2,821,198 | \$2,821,198 | \$2,905,834 | \$2,905,834 | \$3,080,184 | \$3,080,184 |
| \$6,612,545 | \$6,612,545 | \$6,810,921 | \$6,810,921 | \$7,219,576 | \$7,219,576 | \$7,436,163 | \$7,436,163 | \$7,882,333 | \$7,882,333 |
| \$805,440 | \$805,440 | \$829,603 | \$829,603 | \$879,379 | \$879,379 | \$905,761 | \$905,761 | \$960,106 | \$960,106 |
| \$7,336,532 | \$7,336,532 | \$7,556,628 | \$7,556,628 | \$8,010,025 | \$8,010,02 | \$8,250,326 | \$8,250,326 | 8,745,345 | 745,3 |
| \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 | \$491,905 |
| \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 |
| \$67,788,966 | \$67,788,966 | \$69,771,578 | \$69,771,578 | \$73,855,758 | \$73,855,758 | \$76,020,374 | \$76,020,374 | \$80,479,482 | \$80,479,482 |
| \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 |
| \$195,673 | \$199,587 | \$203,579 | \$207,650 | \$211,803 | \$216,039 | \$220,360 | \$224,767 | \$229,26 | \$233,848 |
| \$5,289,424 | \$5,395,212 | \$5,503,116 | \$5,613,179 | \$5,725,442 | \$5,839,951 | \$5,956,750 | \$6,075,885 | \$6,197,403 | \$6,321,351 |
| \$1,041,401 | \$1,062,229 | \$1,083,474 | \$1,105,143 | \$1,127,246 | \$1,149,791 | \$1,172,787 | \$1,196,243 | \$1,220,168 | \$1,244,571 |
| \$7,606,346 | \$7,758,473 | \$7,913,643 | \$8,071,916 | \$8,233,354 | \$8,398,021 | \$8,565,982 | \$8,737,301 | \$8,912,047 | \$9,090,288 |
| \$894,485 | \$912,375 | \$930,622 | \$949,235 | \$968,220 | \$987,584 | \$1,007,336 | \$1,027,482 | \$1,048,032 | \$1,068,993 |
| \$4,906,858 | \$5,004,995 | \$5,105,095 | \$5,207,197 | \$5,311,341 | \$5,417,568 | \$5,525,919 | \$5,636,437 | \$5,749,166 | \$5,864,149 |
| \$19,934,188 | \$20,332,871 | \$20,739,529 | \$21,154,319 | \$21,577,406 | \$22,008,954 | \$22,449,133 | \$22,898,116 | \$23,356,078 | \$23,823,200 |
| \$15,759,388 | \$16,834,795 | \$17,983,594 | \$19,210,736 | \$20,521,624 | \$21,921,981 | \$23,417,892 | \$25,015,871 | \$26,722,896 | \$28,546,409 |
| \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 |
| \$1,023,393 | \$601,483 | \$427,581 | \$244,525 | \$133,800 | \$0 | \$0 | \$0 | \$0 | so |
| \$8,135,000 | \$4,905,000 | \$4,200,000 | \$2,980,000 | \$1,690,000 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$4,021 | \$4,054 | \$4,087 | \$4,121 | \$4,155 | \$4,189 | \$4,223 | \$4,258 | \$4,293 | \$4,3 |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$22,123,358 | \$23,571,565 | \$25,019,781 | \$26,467,937 | \$27,916,103 | \$29,364,289 | \$30,812,470 | \$28,949,464 | \$28,959,141 | \$28,971,371 |
| \$31,285,771 | \$29,082,102 | \$29,651,449 | \$29,696,582 | \$29,744,058 | \$29,368,478 | \$30,816,694 | \$28,953,722 | \$28,963,434 | \$28,975,700 |
| \$19,681,605 | \$19,681,724 | \$19,680,912 | \$19,681,052 | \$19,681,323 | \$19,681,253 | \$19,681,135 | \$19,681,191 | \$19,681,226 | \$19,681,201 |
| \$19,681,605 | \$19,681,724 | \$19,680,912 | \$19,681,052 | \$19,681,323 | \$19,681,253 | \$19,681,135 | \$19,681,191 | \$19,681,226 | \$19,681,201 |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$87,710,767 | \$87,710,886 | \$89,692,686 | \$89,692,826 | \$93,777,277 | \$93,777,207 | \$95,941,705 | \$95,941,760 | \#\#\#\#\#\#\#\#\# | \#\#\#\#\#\#\#\#\#\#\# |
| \$86,972,952 | \$86,243,493 | \$88,367,485 | \$90,054,690 | \$91,836,410 | \$93,292,666 | \$96,676,854 | \$96,860,899 | \$99,035,634 | \#\#\#\#\#\#\#\#\#\# |
| \$737,814 | \$1,467,393 | \$1,325,201 | $(\$ 361,865)$ | \$1,940,867 | \$484,540 | (\$735,149) | $(\$ 919,139)$ | \$1,365,269 | (\$937,630) |
| \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 |
| \$31,494,425 | \$31,281,751 | \$29,078,048 | \$29,647,362 | \$29,692,462 | \$29,739,903 | \$29,364,289 | \$30,812,470 | \$28,949,464 | \$28,959,141 |
| \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 |
| \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 |
| \$44,161,963 | \$43,949,289 | \$41,745,586 | \$42,314,900 | \$42,360,000 | \$42,407,441 | \$42,031,827 | \$43,480,008 | \$41,617,002 | \$41,626,679 |
| \$22,679,352 | \$24,146,745 | \$25,471,946 | \$25,110,082 | \$27,050,949 | \$27,535,489 | \$26,800,340 | \$25,881,201 | \$27,246,470 | \$26,308,840 |
| \$66,841,315 | \$68,096,034 | \$67,217,532 | \$67,424,982 | \$69,410,948 | \$69,942,930 | \$68,832,167 | \$69,361,210 | \$68,863,472 | \$67,935,520 |
| \$67,788,966 | \$67,788,966 | \$69,771,578 | \$69,771,578 | \$73,855,758 | \$73,855,758 | \$76,020,374 | \$76,020,374 | \$80,479,482 | \$80,479,482 |
| \$19,934,188 | \$20,332,871 | \$20,739,529 | \$21,154,319 | \$21,577,406 | \$22,008,954 | \$22,449,133 | \$22,898,116 | \$23,356,078 | \$23,823,200 |
| \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 |
| \$31,281,751 | \$29,078,048 | \$29,647,362 | \$29,692,462 | \$29,739,903 | \$29,364,289 | \$30,812,470 | \$28,949,464 | \$28,959,141 | \$28,971,371 |
| 152\% | 162\% | 164\% | 163\% | 175\% | 176\% | 173\% | 182\% | 196\% | 194\% |

## 2015 INCREASE AT 6.50\% ROR

|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 220 | 2021 | 022 | 2023 | 2024 | 2025 | 2026 | 202 | 2028 | 2029 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Overall Rate Increase | 0.0\% | 0.0\% | 0.0\% | 30.42\% | 0.0\% | 18.0\% | 0.0\% | 15.0\% | 0.0\% | 12.0\% | 0.0\% | 6.0\% | 0.0\% | 6.0\% | 0.0\% | 6.0\% | 0.0\% | 3.0\% |
| Unmetered Sales | \$110,945 | \$72,497 | \$70,000 | \$80,646 | \$91,292 | \$107,725 | \$107,725 | \$123,884 | \$123,884 | \$138,750 | \$138,750 | \$147,075 | \$147,075 | \$155,899 | \$155,899 | \$165,253 | \$165,253 | \$170,211 |
| Revenues from Residential | \$12,545,053 | \$11,124,051 | \$11,272,537 | \$13,076,518 | \$14,802,701 | \$17,467,187 | \$17,467,187 | \$20,087,265 | \$20,087,265 | \$22,497,737 | \$22,497,737 | \$23,847,601 | \$23,847,601 | \$25,278,457 | \$25,278,457 | \$26,795,164 | \$26,795,164 | \$27,599,019 |
| Revenues from Multi-amily |  | \$4,728,127 | \$4,699,698 | \$5,424,084 | \$6,140,098 | \$7,245,316 | \$7,245,316 | \$8,332,113 | \$8,332,113 | \$9,331,967 | \$9,331,967 | \$9,891,885 | \$9,891,885 | \$10,485,398 | \$10,485,398 | \$11,114,521 | \$11,114,521 | \$11,447,957 |
| Revenues from Commercial | \$9,342,942 | \$4,228,870 | \$4,190,427 | \$4,775,616 | \$5,406,028 | \$6,379,114 | \$6,379,114 | \$7,335,981 | \$7,335,981 | \$8,216,298 | \$8,216,298 | \$8,709,276 | \$8,709,276 | \$9,231,833 | \$9,231,833 | \$9,785,743 | \$9,785,743 | \$10,079,315 |
| Revenues from Industrial | \$1,136,010 | \$1,153,442 | \$1,078,225 | \$1,238,064 | \$1,401,498 | \$1,653,767 | \$1,653,767 | \$1,901,832 | \$1,901,832 | \$2,130,052 | \$2,130,052 | \$2,257,855 | \$2,257,855 | \$2,393,327 | \$2,393,327 | \$2,536,926 | \$2,536,926 | \$2,613,034 |
| Revenues from Public Authority | \$2,814,579 | \$2,834,934 | \$2,676,592 | \$3,168,264 | \$3,586,496 | \$4,232,065 | \$4,232,065 | \$4,866,875 | \$4,866,875 | \$5,450,900 | \$5,450,900 | \$5,777,954 | \$5,777,954 | \$6,124,631 | \$6,124,631 | \$6,492,109 | \$6,492,109 | \$6,686,872 |
| Revenues from Wholesale | \$330,242 | \$344,064 | \$340,848 | \$385,910 | \$436,853 | \$515,487 | \$515,487 | \$592,810 | \$592,810 | \$663,947 | \$663,947 | \$703,784 | \$703,784 | \$746,011 | \$746,011 | \$790,772 | \$790,772 | \$814,495 |
| Revenues from Public Fire | \$2,873,140 | \$2,925,698 | \$3,047,526 | \$3,515,147 | \$3,979,170 | \$4,695,421 | \$4,695,421 | \$5,399,734 | \$5,399,734 | \$6,047,702 | \$6,047,702 | \$6,410,564 | \$6,410,564 | \$6,795,198 | \$6,795,198 | \$7,202,909 | \$7,202,909 | 57,418,997 |
| Revenues from Private Fire | \$367,791 | \$377,184 | \$377,180 | \$434,542 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 |
| Other Operating Revenues | \$797,441 | \$1,205,912 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 |
| Total Operating Revenues | \$30,318,143 | \$28,994,779 | \$28,963,033 | \$33,308,792 | \$37,546,042 | \$43,997,987 | \$43,997,987 | \$50,342,399 | \$50,342,399 | \$56,179,258 | \$56,179,258 | \$59,447,899 | \$59,447,899 | \$62,912,659 | \$62,912,659 | \$66,585,304 | \$66,585,304 | 568,531,806 |
| Non-Operating Revenues | \$380,532 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | 240,196 | 240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | 5240,196 |
| O\&M - Source of Supply | \$70,902 | \$63,875 | \$72,249 | \$148,296 | \$151,262 | \$154,287 | \$157,373 | \$160,520 | \$163,731 | \$167,005 | \$170,345 | \$173,752 | \$177,227 | \$180,772 | \$184,387 | \$188,075 | \$191,837 | \$195,673 |
| O\&M - Pumping | \$3,594,642 | \$3,604,286 | \$3,665,404 | \$4,008,722 | \$4,088,896 | \$4,170,674 | \$4,254,088 | \$4,339,170 | \$4,425,953 | \$4,514,472 | \$4,604,762 | \$4,696,857 | \$4,790,794 | \$4,886,610 | \$4,984,342 | \$5,084,029 | \$5,185,709 | \$5,289,424 |
| O\&M - Water Treatment | \$748,477 | \$775,044 | \$745,343 | \$789,252 | \$805,037 | \$821,138 | \$837,561 | \$854,312 | \$871,398 | \$888,826 | \$906,602 | \$924,735 | \$943,229 | \$962,094 | \$981,336 | \$1,000,962 | \$1,000,982 | \$1,041,401 |
| O\&M - Transmission \& Distributiol | \$5,148,520 | \$5,601,638 | \$5,611,434 | \$5,764,660 | \$5,879,953 | \$5,997,552 | \$6,117,503 | \$6,239,853 | \$6,364,650 | \$6,491,943 | \$6,621,782 | \$6,754,218 | \$6,889,302 | \$7,027,088 | \$7,167,630 | \$7,310,983 | \$7,457,202 | \$7,606,346 |
| O\&M - Customer Accounts | \$618,491 | \$718,659 | \$664,615 | \$677,908 | \$691,466 | \$705,295 | \$719,401 | \$73,789 | \$748,465 | \$763,435 | \$778,703 | \$794,277 | \$810,163 | \$826,366 | \$842,893 | \$859,751 | \$876,946 | \$894,485 |
| O\&M - Admin. \& General | \$3,354,667 | \$3,469,956 | \$3,496,688 | \$3,718,785 | \$3,793,161 | \$3,869,024 | \$3,946,404 | \$4,025,332 | \$4,105,839 | \$4,187,956 | \$4,271,715 | \$4,357,149 | \$4,444,292 | \$4,533,178 | \$4,623,842 | \$4,716,319 | \$4,810,645 | \$4,906,858 |
| Total O\&M Expenses | \$13,535,699 | \$14,233,458 | \$14,255,733 | \$15,107,623 | \$15,409,775 | \$15,717,971 | \$16,032,330 | \$16,352,977 | \$16,680,037 | \$17,013,637 | \$17,353,910 | \$17,700,988 | \$18,055,008 | \$18,416,108 | \$18,784,430 | \$19,160,119 | \$19,543,321 | \$19,934,188 |
| PILOT | \$4,931,166 | \$5,390,047 | \$5,736,002 | \$6,251,690 | \$6,685,396 | \$7,138,544 | \$7,621,549 | \$8,14,492 | \$8,701,231 | \$9,293,818 | \$9,927,509 | \$10,605,706 | \$11,329,441 | \$12,102,230 | \$12,928,056 | \$13,810,406 | \$14,752,757 | \$15,759,388 |
| Other Tax Expenses | \$386,507 | \$231,875 | \$117,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$32,000 | \$312,000 |
| Debt |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Bonds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest Expense | \$2,008,764 | \$2,782,739 | \$3,399,942 | \$3,775,142 | \$3,647,856 | \$3,500,880 | \$3,335,193 | \$3,156,237 | \$2,962,035 | \$2,753,500 | \$2,539,566 | \$2,332,545 | \$2,122,477 | \$1,908,296 | \$1,696,419 | \$1,508,930 | \$1,173,944 | \$1,023,393 |
| Principal Retirement | \$2,465,000 | \$3,365,000 | \$4,325,000 | \$4,535,000 | \$4,635,000 | \$4,775,000 | \$4,915,000 | \$5,075,000 | \$5,245,000 | \$5,285,000 | \$5,145,000 | \$5,320,000 | \$5,505,000 | \$5,710,000 | \$6,440,000 | \$6,685,000 | \$7,175,000 | \$8,135,000 |
| Refunding Bonds |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest Expense | \$1,632,944 | \$1,584,456 | \$1,540,131 | \$1,470,306 | \$1,412,806 | \$1,348,806 | \$1,251,406 | \$1,174,238 | \$1,079,569 | \$975,819 | \$860,319 | \$723,694 | \$577,319 | \$446,819 | \$329,419 | \$228,319 | \$190,209 | \$0 |
| Principal Retirement | \$1,510,000 | \$1,570,000 | \$1,610,000 | \$1,585,000 | \$2,010,000 | \$2,070,000 | \$2,055,000 | \$2,040,000 | \$2,110,000 | \$2,510,000 | \$2,955,000 | \$2,900,000 | \$2,900,000 | \$2,970,000 | \$2,085,000 | \$2,175,000 | \$2,28,000 | \$0 |
| Advance from Municipality |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest Expense | \$92,181 | \$85,746 | \$77,763 | \$71,169 | \$64,162 | \$56,620 | \$48,687 | \$40,056 | \$30,871 | \$26,790 | \$22,110 | \$16,763 | \$10,611 | \$3,891 | 53,923 | \$3,955 | \$3,988 | , 021 |
| Principal Retirement | \$822,717 | \$827,357 | \$833,158 | \$839,249 | \$846,499 | \$854,040 | \$862,451 | \$872,022 | \$117,464 | \$129,065 | \$141,536 | \$154,588 | \$168,799 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Debt Service | \$0 | \$0 | \$0 | \$0 | \$3,311,179 | \$4,782,814 | \$6,107,285 | \$7,358,175 | \$8,535,483 | \$9,639,209 | \$10,571,178 | \$11,505,920 | \$12,439,076 | \$13,371,608 | \$14,304,708 | \$15,238,090 | \$16,171,133 | \$17,104,147 |
| Total Debt Service | \$8,531,605 | \$10,215,298 | \$11,785,994 | \$12,275,866 | \$15,927,502 | \$17,388,161 | \$18,575,022 | \$19,715,728 | \$20,080,421 | \$21,319,383 | \$22,234,710 | \$22,953,510 | \$23,723,283 | \$24,410,614 | \$24,859,469 | \$25,839,294 | \$26,994,274 | \$26,266,560 |
| Cash Flow Before New Capital | \$3,313,698 | (\$835,703) | (\$2,691,500) | $(\$ 398,191)$ | $(\$ 548,435)$ | \$3,681,507 | \$1,697,281 | \$6,057,398 | \$4,808,906 | \$8,480,616 | \$6,591,325 | \$8,115,892 | \$6,268,364 | \$7,911,903 | \$6,268,900 | \$7,703,680 | \$5,223,148 | \$6,499,866 |
| Capital Projects |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capital Expenditures | \$19,688,300 | \$18,416,469 | \$20,084,920 | \$20,009,000 | \$19,549,672 | \$19,515,015 | \$19,789,652 | \$19,715,835 | \$19,642,544 | \$19,665,761 | \$19,703,448 | \$19,681,897 | \$19,673,412 | \$19,681,130 | \$19,684,972 | \$19,680,353 | \$19,679,967 | \$19,681,605 |
| New Borrowing | \$21,095,000 | \$24,335,000 |  | \$45,000,000 | \$20,000,000 | \$18,000,000 | \$17,000,000 | \$16,000,000 | \$15,000,000 | \$12,665,761 | \$12,703,448 | \$12,681,897 | \$12,673,412 | \$12,681,130 | \$12,684,972 | \$12,680,353 | \$12,679,967 | \$12,681,605 |
| Net Cash Flow from Capital Financing | \$1,406,700 | \$5,918,531 | ( $\$ 20,084,920)$ | \$24,991,000 | \$450,328 | (\$1,515,015) | ( $\$ 2,789,652)$ | ( $\$ 3,715,835)$ | $(\$ 4,642,544)$ | ( $57,000,000)$ | $(57,000,000)$ | $(\$ 7,000,000)$ | $(\$ 7,000,000)$ | ( $57,000,000$ | $(\$ 7,000,000)$ | ( $57,000,000)$ | ( $57,000,000)$ | $(\$ 7,000,000)$ |
| Total Cash in | \$51,793,675 | \$53,569,975 | \$29,203,229 | \$78,548,988 | \$57,786,238 | \$62,238,183 | \$61,238,183 | \$66,582,595 | \$65,582,595 | \$69,085,215 | \$69,122,902 | \$72,369,992 | \$72,361,507 | \$75,833,984 | \$75,837,826 | \$79,505,852 | \$79,505,466 | \$81,453,607 |
| Total Cash Out | \$47,073,277 | \$48,487,147 | \$51,979,649 | \$53,956,179 | \$57,884,346 | \$60,071,691 | \$62,330,553 | \$64,241,032 | \$65,416,233 | \$67,604,599 | \$69,531,577 | \$71,254,100 | \$73,093,144 | \$74,922,082 | \$76,568,927 | \$78,802,172 | \$81,282,319 | \$81,953,741 |
| Net Cash Flow | \$4,720,398 | \$5,082,828 | (\$22,776,420) | \$24,592,809 | $(598,108)$ | \$2,166,492 | (\$1,092,370) | \$2,341,563 | \$166,362 | \$1,480,616 | $(5408,675)$ | \$1,115,892 | (\$731,636) | \$911,903 | ( $\$ 731,100)$ | \$703,680 | (\$1,776,852) | (\$500,134) |
| Reserves |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating Reserve | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 |
| Debt Service Fund | \$5,925,680 | \$7,243,803 | \$9,302,195 | \$10,875,073 | \$11,365,449 | \$15,016,841 | \$16,477,500 | \$17,663,884 | \$18,803,650 | \$19,932,087 | \$21,163,528 | \$22,071,063 | \$22,782,159 | \$23,543,872 | \$24,406,723 | \$24,855,546 | \$25,835,339 | \$26,990,286 |
| Special Redemption Reserve | \$9,853,127 | \$11,703,873 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 |
| Depreciation Fund | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 |
| Subtotal Restricted Reserves | \$16,678,807 | \$19,847,676 | \$21,969,733 | \$23,542,611 | \$24,032,987 | \$27,684,379 | \$29,145,038 | \$30,331,422 | \$31,471,188 | \$32,599,625 | \$33,831,066 | \$34,738,601 | \$35,449,697 | \$36,211,410 | \$37,074,261 | \$37,523,084 | \$38,502,877 | \$39,657,824 |
| Construction Fund | \$14,011,600 | \$19,606,390 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unrestricted Reserves | \$2,669,923 | \$2,875,130 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Subtotal Available Reserves | \$16,681,523 | \$22,481,520 | ( $\$ 294,900$ ) | \$24,297,908 | \$24,199,801 | \$26,366,293 | \$25,273,922 | \$27,615,485 | \$27,781,848 | \$29,262,464 | \$28,853,789 | \$29,969,680 | \$29,238,044 | \$30,149,946 | \$29,418,846 | \$30,122,526 | \$28,345,674 | \$27,845,540 |
| Total Reserves - End of Year | \$33,360,330 | \$42,329,196 | \$21,674,833 | \$47,840,519 | \$48,232,787 | \$54,050,671 | \$54,418,961 | \$57,946,908 | \$59,253,035 | \$61,862,089 | \$62,684,854 | \$64,708,281 | \$64,687,740 | \$66,361,357 | \$66,493,107 | \$67,645,610 | \$66,848,551 | \$67,503,364 |
| Debt Coverage Calculation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating Revenues | \$30,318,143 | \$28,994,779 | \$28,963,033 | \$33,308,792 | \$37,546,042 | \$43,997,987 | \$43,997,987 | \$50,342,399 | \$50,342,399 | \$56,179,258 | \$56,179,258 | \$59,447,899 | \$59,447,899 | \$62,912,659 | \$62,912,659 | \$66,585,304 | \$66,585,304 | \$68,531,806 |
| less: O\&M Expenses | \$13,535,699 | \$14,233,458 | \$14,255,733 | \$15,107,623 | \$15,409,775 | \$15,717,971 | \$16,032,330 | \$16,352,977 | \$16,680,037 | \$17,013,637 | \$17,353,910 | \$17,700,988 | \$18,055,008 | \$18,416,108 | \$18,784,430 | \$19,160,119 | \$19,543,321 | \$19,934,188 |
| less: Other Tax Expenses | \$386,507 | \$231,875 | \$117,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 |
| divided by: Total Bond Debt Servir | \$7,616,708 | \$9,302,195 | \$10,875,073 | \$11,365,449 | \$15,016,841 | \$16,477,500 | \$17,663,884 | \$18,803,650 | \$19,932,087 | \$21,163,528 | \$22,071,063 | \$22,782,159 | \$23,543,872 | \$24,406,723 | \$24,855,546 | \$25,835,339 | \$26,990,286 | \$26,262,540 |


| 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.0\% | 3.0\% | 0.0\% | 3.0\% | 0.0\% | 3.0\% | 0.0\% | 3.0\% | 0.0\% |
| \$170,211 | \$175,317 | \$175,317 | \$180,577 | \$180,577 | \$185,994 | \$185,994 | \$191,574 | \$191,574 |
| \$27,599,019 | \$28,426,990 | \$28,426,990 | \$29,279,800 | \$29,279,800 | \$30,158,194 | 30,158,194 | 1,062,939 | 1,062,939 |
| \$11,447,957 | \$11,791,396 | \$11,791,396 | \$12,145,138 | \$12,145,138 | \$12,509,492 | \$12,509,492 | \$12,884,777 | \$12,884,777 |
| \$10,079,315 | \$10,381,694 | \$10,381,694 | \$10,693,145 | \$10,693,145 | \$11,013,940 | \$11,013,940 | \$11,344,358 | \$11,344,358 |
| \$2,613,034 | \$2,691,425 | \$2,691,425 | \$2,772,168 | \$2,772,168 | \$2,855,333 | \$2,855,333 | \$2,940,993 | \$2,940,993 |
| \$6,686,872 | \$6,887,478 | \$6,887,478 | \$7,094,102 | \$7,094,102 | \$7,306,926 | \$7,306,926 | \$7,526,133 | \$7,526,133 |
| \$814,495 | \$838,930 | \$838,930 | \$864,098 | \$864,098 | \$890,021 | \$890,021 | \$916,721 | \$916,721 |
| \$7,418,997 | \$7,641,567 | \$7,641,567 | \$7,870,814 | \$7,870,814 | \$8,106,938 | \$8,106,938 | \$8,350,146 | \$8,350,146 |
| \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 | \$491,906 |
| \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 | \$1,210,000 |
| \$68,531,806 | \$70,536,703 | \$70,536,703 | \$72,601,747 | \$72,601,747 | \$74,728,742 | \$74,728,742 | \$76,919,547 | \$76,919,547 |
| \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 | \$240,196 |
| \$199,587 | \$203,579 | \$207,650 | \$211,803 | \$216,039 | \$220,360 | \$224,767 | \$229,263 | \$233,848 |
| \$5,395,212 | \$5,503,116 | \$5,613,179 | \$5,725,442 | \$5,839,951 | \$5,956,750 | \$6,075,885 | \$6,197,403 | \$6,321,351 |
| \$1,062,229 | \$1,083,474 | \$1,105,143 | \$1,127,246 | \$1,149,791 | \$1,172,787 | \$1,196,243 | \$1,220,168 | \$1,24,571 |
| \$7,758,473 | \$7,913,643 | \$8,071,916 | \$8,233,354 | \$8,398,021 | \$8,565,982 | \$8,737,301 | \$8,912,047 | \$9,090,288 |
| \$912,375 | \$930,622 | \$949,235 | \$968,220 | \$987,584 | \$1,007,336 | \$1,027,482 | \$1,048,032 | \$1,068,993 |
| \$5,004,995 | \$5,105,095 | \$5,207,197 | \$5,311,341 | \$5,417,568 | \$5,525,919 | \$5,636,437 | \$5,749,166 | \$5,864,149 |
| \$20,332,871 | \$20,739,529 | \$21,154,319 | \$21,577,406 | \$22,008,954 | \$22,449,133 | \$22,898,116 | \$23,356,078 | \$23,823,200 |
| \$16,834,795 | \$17,983,594 | \$19,210,736 | \$20,521,624 | \$21,921,981 | \$23,417,892 | \$25,015,871 | \$26,722,896 | \$28,546,409 |
| \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 |
| \$601,483 | \$427,581 | \$244,525 | \$133,800 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$4,905,000 | \$4,200,000 | \$2,980,000 | \$1,690,000 | \$0 | \$0 | \$0 | \$0 | S0 |
| so | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$4,054 | \$4,087 | \$4,121 | \$4,155 | \$4,189 | \$4,223 | \$4,258 | \$4,293 | \$4,328 |
| \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$18,037,282 | \$18,970,425 | \$19,903,509 | \$20,836,603 | \$21,769,717 | \$22,702,826 | \$20,324,747 | \$19,786,216 | \$19,394,851 |
| \$23,547,818 | \$23,602,093 | \$23,132,155 | \$22,664,557 | \$21,773,906 | \$22,707,049 | \$20,329,005 | \$19,790,509 | \$19,399,180 |
| \$7,744,517 | \$8,139,682 | \$6,967,689 | \$7,766,356 | \$6,825,102 | \$6,082,864 | \$6,413,947 | \$6,978,260 | \$5,078,955 |
| \$19,681,724 | \$19,680,912 | \$19,681,052 | \$19,681,323 | \$19,681,253 | \$19,681,135 | \$19,681,191 | \$19,681,226 | \$19,681,201 |
| \$12,681,724 | \$12,680,912 | \$12,681,052 | \$12,681,323 | \$12,681,253 | \$12,681,135 | \$12,681,191 | \$12,681,226 | \$12,681,201 |
| (\$7,000,000) | ( $\$ 7,000,000)$ | $(\$ 7,000,000)$ | ( $\$ 7,000,000)$ | ( $\$ 7,000,000)$ | ( $\$ 7,000,000)$ | $(\$ 7,000,000)$ | $(\$ 7,000,000)$ | $(\$ 7,000,000)$ |
| \$81,453,726 | \$83,457,811 | \$83,457,951 | \$85,523,266 | \$85,523,196 | \$87,650,073 | \$87,650,129 | \$89,840,969 | \$89,840,944 |
| \$80,709,209 | \$82,318,129 | \$83,490,262 | \$84,756,910 | \$85,698,094 | \$88,567,209 | \$88,236,182 | \$89,862,709 | \$91,761,989 |
| \$744,517 | \$1,139,682 | (\$32,311) | \$766,356 | (\$174,898) | (\$917,136) | (\$586,053) | (\$21,740) | (\$1,921,045) |
| \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 | \$150,000 |
| \$26,262,540 | \$23,543,764 | \$23,598,006 | \$23,128,034 | \$22,660,403 | \$21,769,717 | \$22,702,826 | \$20,324,747 | \$19,786,216 |
| \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 | \$11,767,538 |
| \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 |
| \$38,930,078 | \$36,211,302 | \$36,265,544 | \$35,795,572 | \$35,327,941 | \$34,437,255 | \$35,370,364 | \$32,992,285 | \$32,453,754 |
| \$28,590,057 | \$29,729,739 | \$29,697,427 | \$30,463,783 | \$30,288,884 | \$29,371,749 | \$28,785,695 | \$28,763,955 | \$26,842,910 |
| \$67,520,134 | \$65,941,041 | \$65,962,971 | \$66,259,355 | \$65,616,825 | \$63,809,003 | \$64,156,059 | \$61,756,240 | \$59,296,664 |
| \$68,531,806 | \$70,536,703 | \$70,536,703 | \$72,601,747 | \$72,601,747 | \$74,728,742 | \$74,728,742 | \$76,919,547 | \$76,919,547 |
| \$20,332,871 | \$20,739,529 | \$21,154,319 | \$21,577,406 | \$22,008,954 | \$22,449,133 | \$22,898,116 | \$23,356,078 | \$23,823,200 |
| \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 | \$312,000 |
| \$23,543,764 | \$23,598,006 | \$23,128,034 | \$22,660,403 | \$21,769,717 | \$22,702,826 | \$20,324,747 | \$19,786,216 | \$19,394,851 |
| 203\% | 210\% | 212\% | 224\% | 231\% | 229\% | 253\% | 269\% | 272\% |

