



Utilities Department Capital Needs

Utilities Department
Quarterly Business Meeting
May 15, 2018



Capital Needs Assessment

- 20-year planning document
- Attempts to capture foreseeable Needs
 - Capacity Expansion
- Review Utilities Department 20-yr CNA with emphasis on 5-year horizon
 - Capital Improvement Program (5-yr CIP)

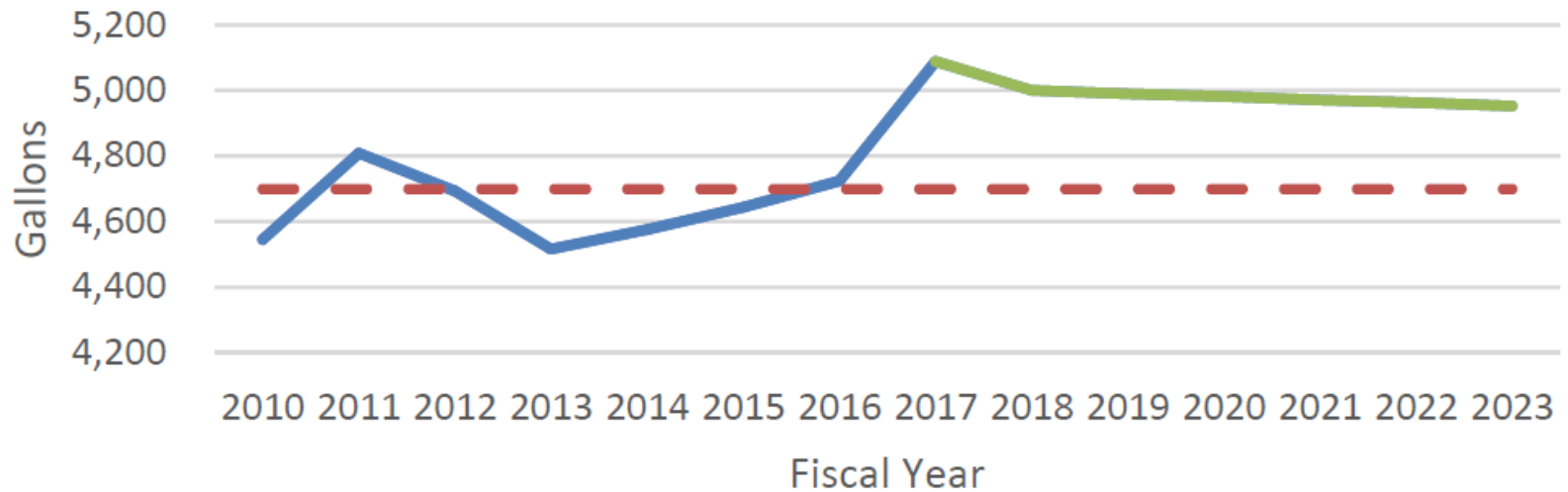


5-yr CIP

- Prioritized projects will be analyzed for available funding
- Funding solutions will be modeled by Fiscal and PRMG
- Recommendations to BCC in September



Average Monthly Use per Account



- Historical Average Monthly Use Per Account
- Projected Average Monthly Use per Account
- - - Average Monthly Use - FY10 to FY17

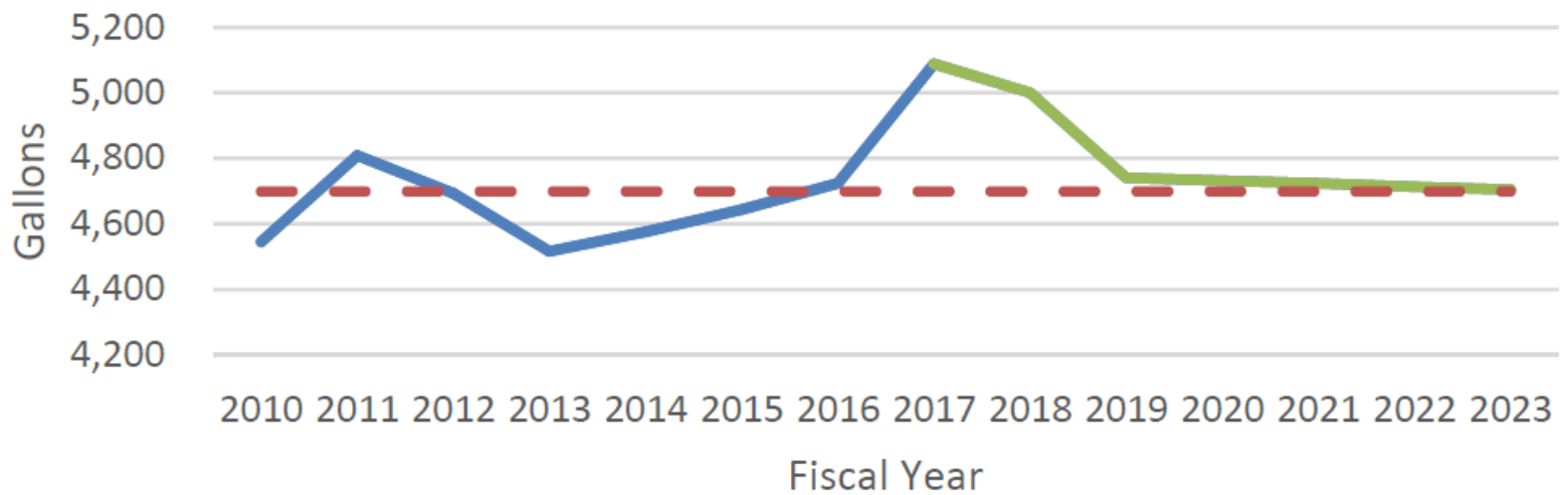


Utility Revenue & Expenditure Summary

Description	Projected Fiscal Years Ending September 30,									
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Revenue										
Utility Rate Revenues	\$62,962,339	\$63,795,128	\$64,822,636	\$65,566,345	\$66,251,809	\$66,785,381	\$67,357,196	\$67,929,010	\$68,500,825	\$69,072,640
Other Operating Revenues	6,567,816	6,618,266	6,694,748	6,765,563	4,860,023	4,928,519	4,977,804	5,027,582	5,077,858	5,128,637
Non-operating Revenues	2,910,428	4,414,321	4,438,026	4,440,990	4,424,806	4,406,605	4,365,861	4,412,001	4,539,022	4,659,923
Total Revenue	\$72,440,583	\$74,827,714	\$75,955,410	\$76,772,897	\$75,536,638	\$76,120,505	\$76,700,861	\$77,368,593	\$78,117,705	\$78,861,199
Expenditure Summary										
Operating Expenses	\$45,241,128	\$46,270,695	\$48,171,586	\$49,510,835	\$49,688,904	\$51,099,614	\$52,632,603	\$54,211,581	\$55,837,928	\$57,513,066
Debt Service	16,284,527	17,564,957	20,350,322	20,348,908	20,348,897	20,351,039	20,348,774	4,678,500	4,678,500	4,678,500
Capital Expenditures	8,321,291	6,198,316	5,083,991	4,407,923	5,777,673	5,478,977	4,904,772	4,982,367	5,111,927	5,943,503
Payments on Internal Loans / Commercial Paper	864,931	1,563,326	2,777,417	2,760,890	2,282,938	1,667,938	1,667,938	1,667,938	1,667,938	-
Total Expenditures	\$70,711,877	\$71,597,293	\$76,383,315	\$77,028,556	\$78,098,412	\$78,597,569	\$79,554,087	\$65,540,387	\$67,296,294	\$68,135,069
Annual Surplus (Deficiency) - \$	\$1,728,706	\$3,230,421	(\$427,905)	(\$255,659)	(\$2,561,773)	(\$2,477,064)	(\$2,853,227)	\$11,828,207	\$10,821,410	\$10,726,129
Annual Surplus (Deficiency) - % of Rates	2.7%	5.1%	(0.7%)	(0.4%)	(3.9%)	(3.7%)	(4.2%)	17.4%	15.8%	15.5%



Average Monthly Use per Account



- Historical Average Monthly Use Per Account
- Projected Average Monthly Use per Account
- - - Average Monthly Use - FY10 to FY17



Utility Revenue & Expenditure Summary

Description	Projected Fiscal Years Ending September 30,									
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Revenue										
Utility Rate Revenues	\$62,962,339	\$62,429,706	\$63,439,511	\$64,169,870	\$64,842,878	\$65,366,322	\$65,926,388	\$66,486,453	\$67,046,519	\$67,606,584
Other Operating Revenues	6,567,816	6,567,997	6,643,933	6,714,310	4,808,354	4,876,492	4,925,257	4,974,510	5,024,255	5,074,497
Non-operating Revenues	2,910,428	4,409,321	4,424,026	4,418,990	4,392,806	4,364,605	4,300,861	4,338,001	4,470,022	4,594,923
Total Revenue	\$72,440,583	\$73,407,024	\$74,507,470	\$75,303,170	\$74,044,038	\$74,607,419	\$75,152,506	\$75,798,964	\$76,540,796	\$77,276,004
Expenditure Summary										
Operating Expenses	\$45,241,128	\$46,058,131	\$47,951,447	\$49,283,323	\$49,453,873	\$50,857,083	\$52,382,795	\$53,954,279	\$55,572,907	\$57,240,095
Debt Service	16,284,527	17,564,957	20,350,322	20,348,908	20,348,897	20,351,039	20,348,774	4,678,500	4,678,500	4,678,500
Capital Expenditures	8,321,291	6,198,316	5,083,991	4,407,923	5,777,673	5,478,977	4,904,772	4,982,367	5,111,927	5,943,503
Payments on Internal Loans / Commercial Paper	864,931	1,563,326	2,777,417	2,760,890	2,282,938	1,667,938	1,667,938	1,667,938	1,667,938	-
Total Expenditures	\$70,711,877	\$71,384,730	\$76,163,177	\$76,801,044	\$77,863,381	\$78,355,037	\$79,304,279	\$65,283,084	\$67,031,272	\$67,862,098
Annual Surplus (Deficiency) - \$	\$1,728,706	\$2,022,294	(\$1,655,707)	(\$1,497,874)	(\$3,819,343)	(\$3,747,618)	(\$4,151,773)	\$10,515,880	\$9,509,524	\$9,413,906
Annual Surplus (Deficiency) - % of Rates	2.7%	3.2%	(2.6%)	(2.3%)	(5.9%)	(5.7%)	(6.3%)	15.8%	14.2%	13.9%