



Union County Water Workshop

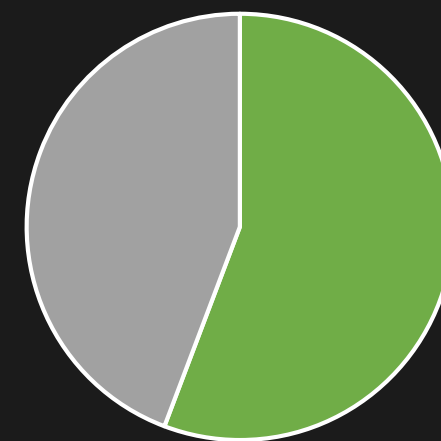
May 18th & 19th 2022

Presentation to the Union County Board of
Commissioners
Part IV



Notable Capital Included in No Rate Increase Scenario

1. 853 West Zone Transmission Main Phases II-VI (current appropriations and future costs)
2. Crooked Creek Interceptor Improvements Phases II-V (current appropriations and future costs)
3. Forest Park Pump Station and Forcemain Improvements (future costs related to #2)
4. Catawba River WTP Misc. Capital Projects
5. 762 Zone 24-Inch Transmission Main (funded with state grants)
6. 12-Mile Creek I&I Abatement (ongoing R&R)
7. SPCC Expansion (current appropriations)
8. Grassy Branch WRF Expansion (consent order)
9. R&R Programs

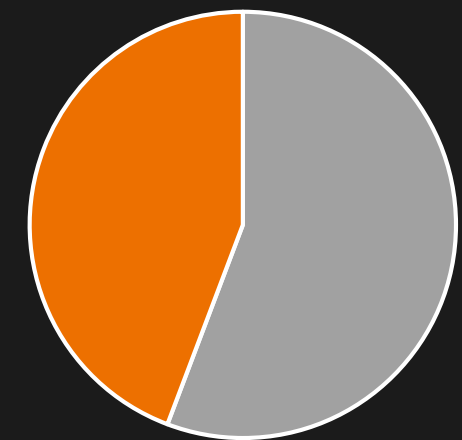


56% of Baseline CIP



Future CIP Excluded from No Rate Increase Scenario

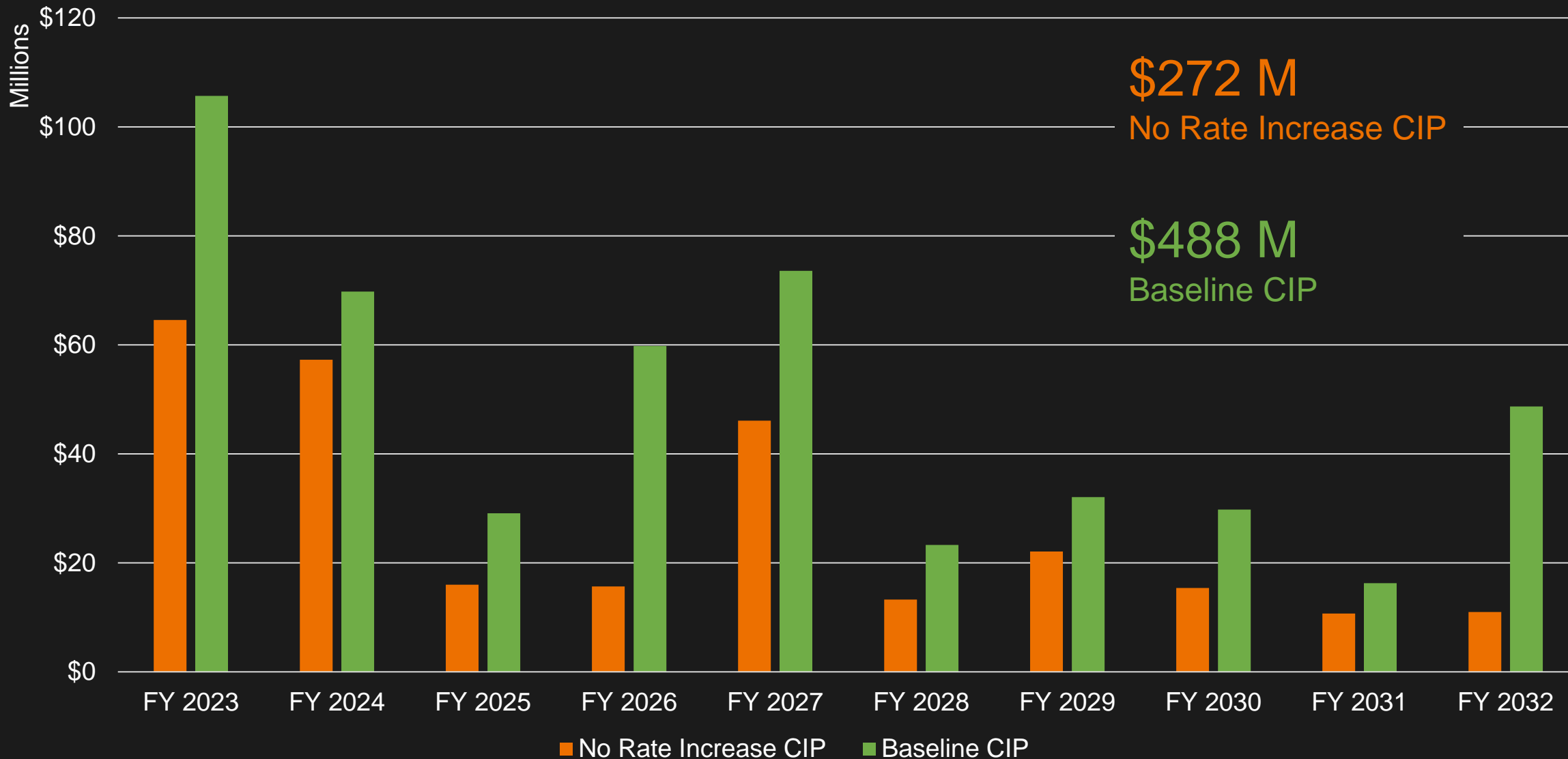
1. No 853 South Zone Tank
2. No 853 South Zone Transmission Main Improvements
3. No Hwy 75 Pump Station Upgrades
4. No 762 Zone Main
5. No 762 Zone Expansion
6. No Crooked Creek Diversion Pumping Improvements
7. No CRWTP Expansion
8. No Yadkin Expansion
9. No Short Line Extensions
10. No 12 Mile Creek WWTP Expansions
11. No 12 Mile Interceptor Relief
12. No Lower Crooked Creek Site B
13. No Water Line Extensions



44% of Baseline CIP



Baseline vs. No Rate Increase CIP





Union County Water & Sewer Fund



CALC SAVE CTRL LAST OVR

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032
Water & Wastewater Rate Plan	0.00%	0.00%	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Senior Lien Covenant W/ SDF 1.20	3.95	1.90	1.33	1.23	1.33	1.33	1.21	1.25	1.21	1.23	1.27
Rate Covenant All W/ SDF Fees 1.00	3.29	1.58	1.11	1.03	1.10	1.10	1.01	1.04	1.01	1.03	1.06
Additional Bonds Test W/ SDF 1.00	N/A	N/A	1.04	N/A	N/A	N/A	N/A	N/A	1.01	N/A	N/A
Rating Agency Calc Days Cash on Hand	709	524	530	536	542	548	554	619	625	632	637
Average Bill (5.5 Kgal)	\$102.03	\$102.03	\$102.03	\$102.03	\$102.03	\$102.03	\$102.03	\$117.10	\$121.17	\$125.45	\$129.86

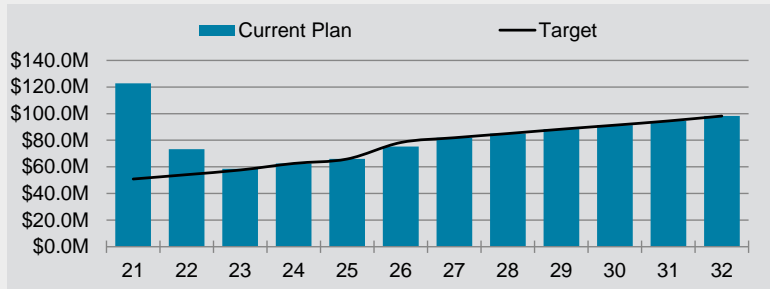
FY 2027	FY 2032
7.13%	27.28%

Scenario Manager

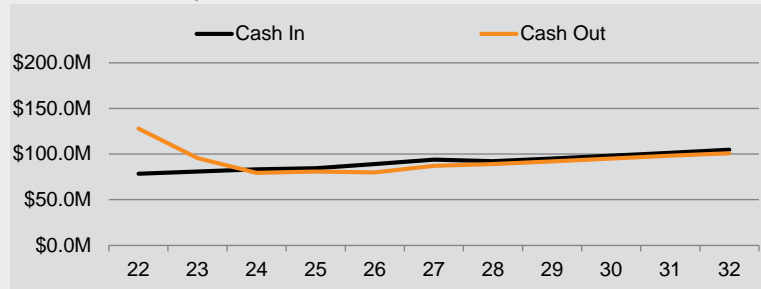
LCC SITE B	No
WW Expansion	No
W Expansion	No
ERU Growth Sch	No Growth

Rate Increases needed to meet DSC

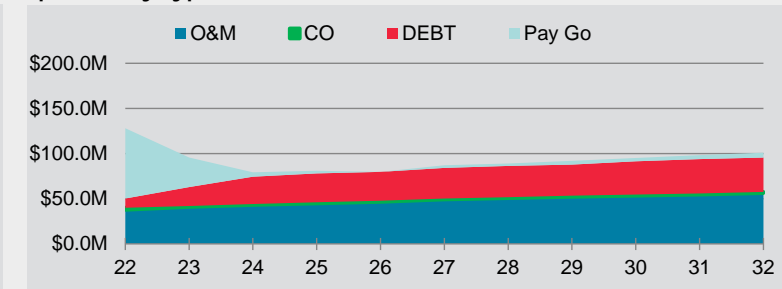
Operating Fund



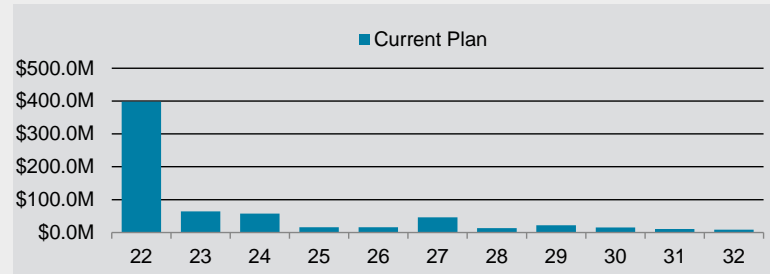
Revenues vs. Expenses



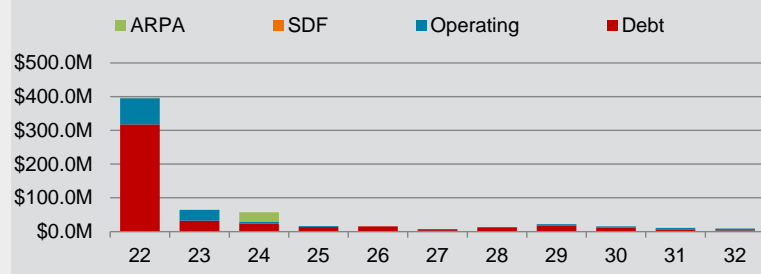
Expenses by Type



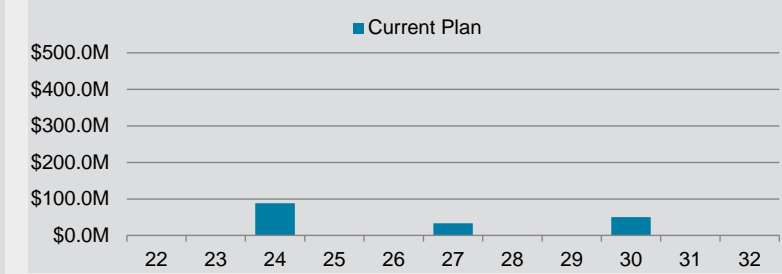
CIP Spending



CIP Funding



Borrowing





No Rate Increase Scenario – Rate Structure Changes



Union County Water & Sewer Fund



CALC SAVE CTRL LAST OVR

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032
Water & Wastewater Rate Plan	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Senior Lien Covenant W/ SDF 1.20	3.95	1.98	1.39	1.29	1.31	1.32	1.21	1.27	1.25	1.28	1.33
Rate Covenant All W/ SDF Fees 1.00	3.29	1.65	1.16	1.08	1.09	1.10	1.01	1.05	1.04	1.06	1.11
Additional Bonds Test W/ SDF 1.00	N/A	N/A	1.09	N/A	N/A	1.09	N/A	N/A	1.04	N/A	N/A
Rating Agency Calc Days Cash on Hand	709	538	531	536	585	609	614	619	625	632	637
What If Revenues	\$0.00	\$1.60	\$1.60	\$1.60	\$1.60	\$1.66	\$1.73	\$1.80	\$1.87	\$1.95	\$2.02
Average Bill (5.5 Kgal)	\$102.03	\$102.03	\$102.03	\$102.03	\$102.03	\$106.10	\$110.38	\$114.78	\$119.37	\$124.12	\$129.10

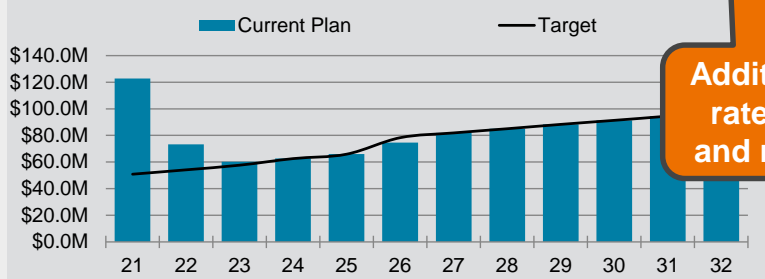
FY 2027 FY 2032

3.99% 26.53%

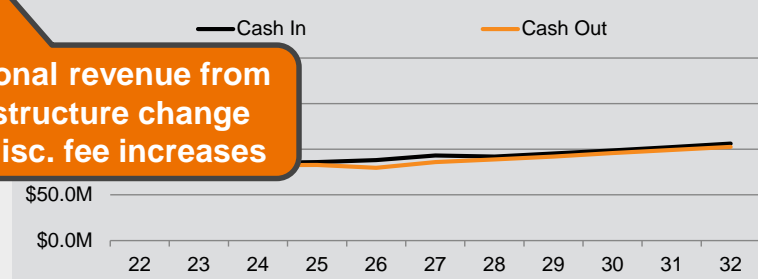
Scenario Manager

LCC SITE B	No
WW Expansion	No
W Expansion	No
ERU Growth Sch	No Growth

Operating Fund

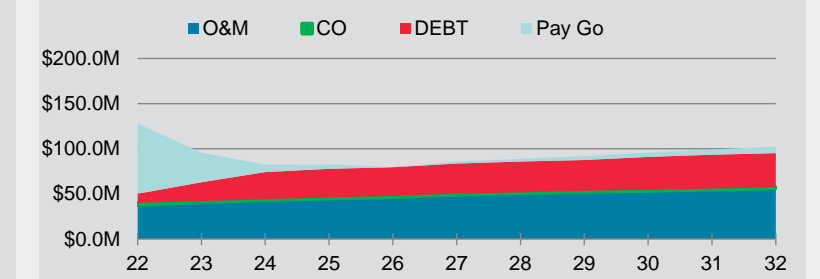


Revenues vs. Expenses

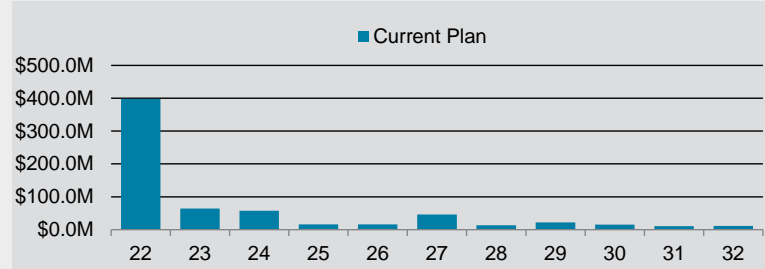


Additional revenue from rate structure change and misc. fee increases

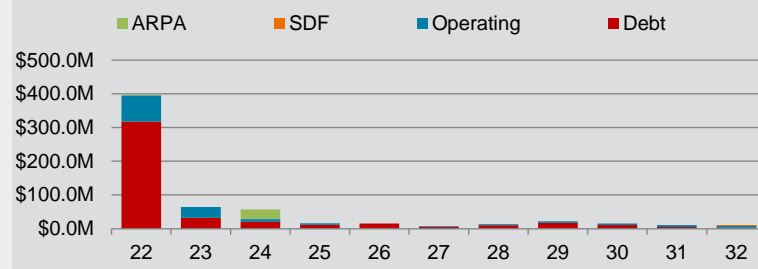
Expenses by Type



CIP Spending



CIP Funding



Borrowing

