

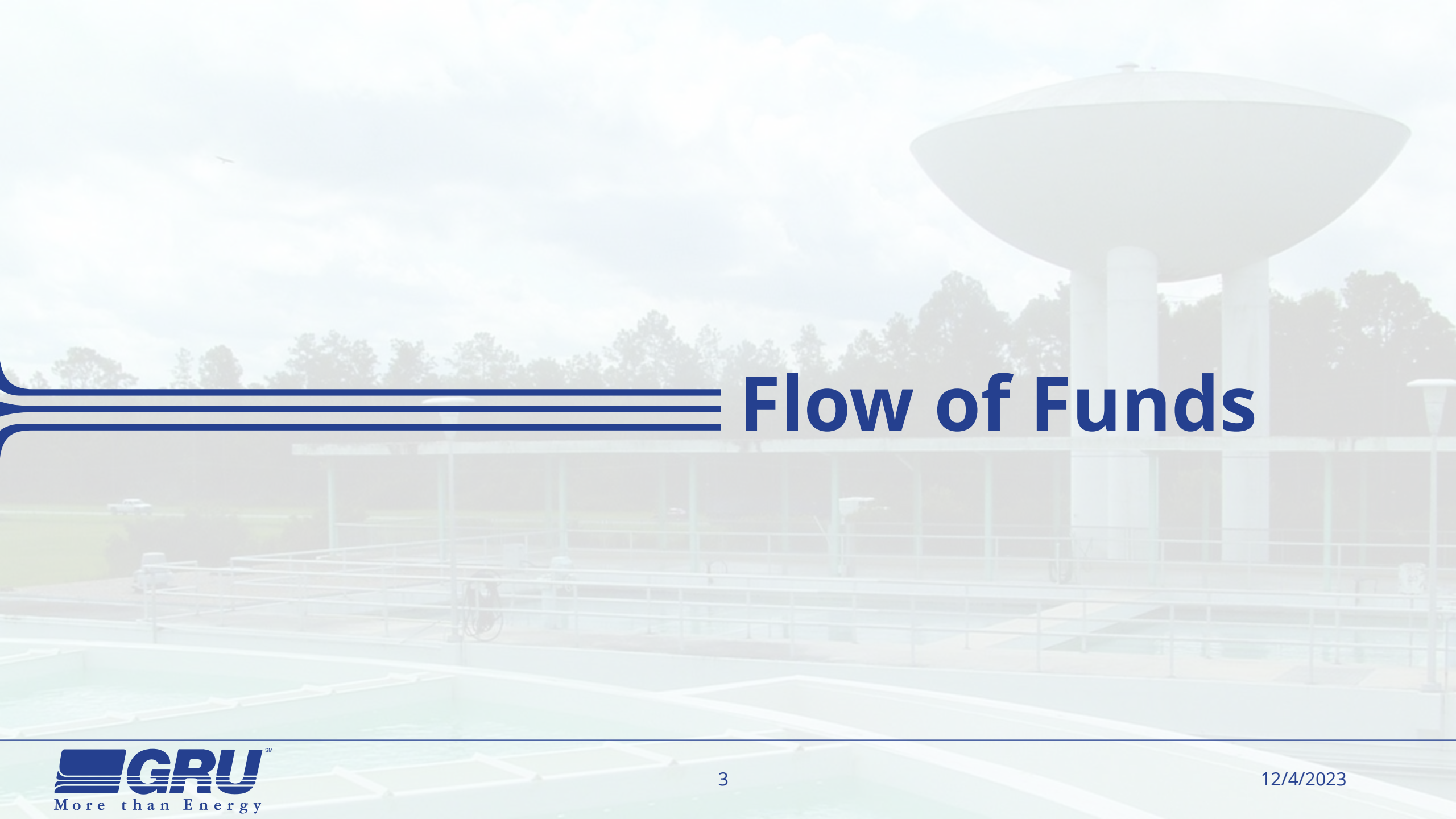
GRU Financial Presentation

12/6/23



Agenda

- Flow of Funds
- GFT (GSC)
- Net Debt Reduction Plan
- Appendix
 - GFT History
 - BFA Touchpoints



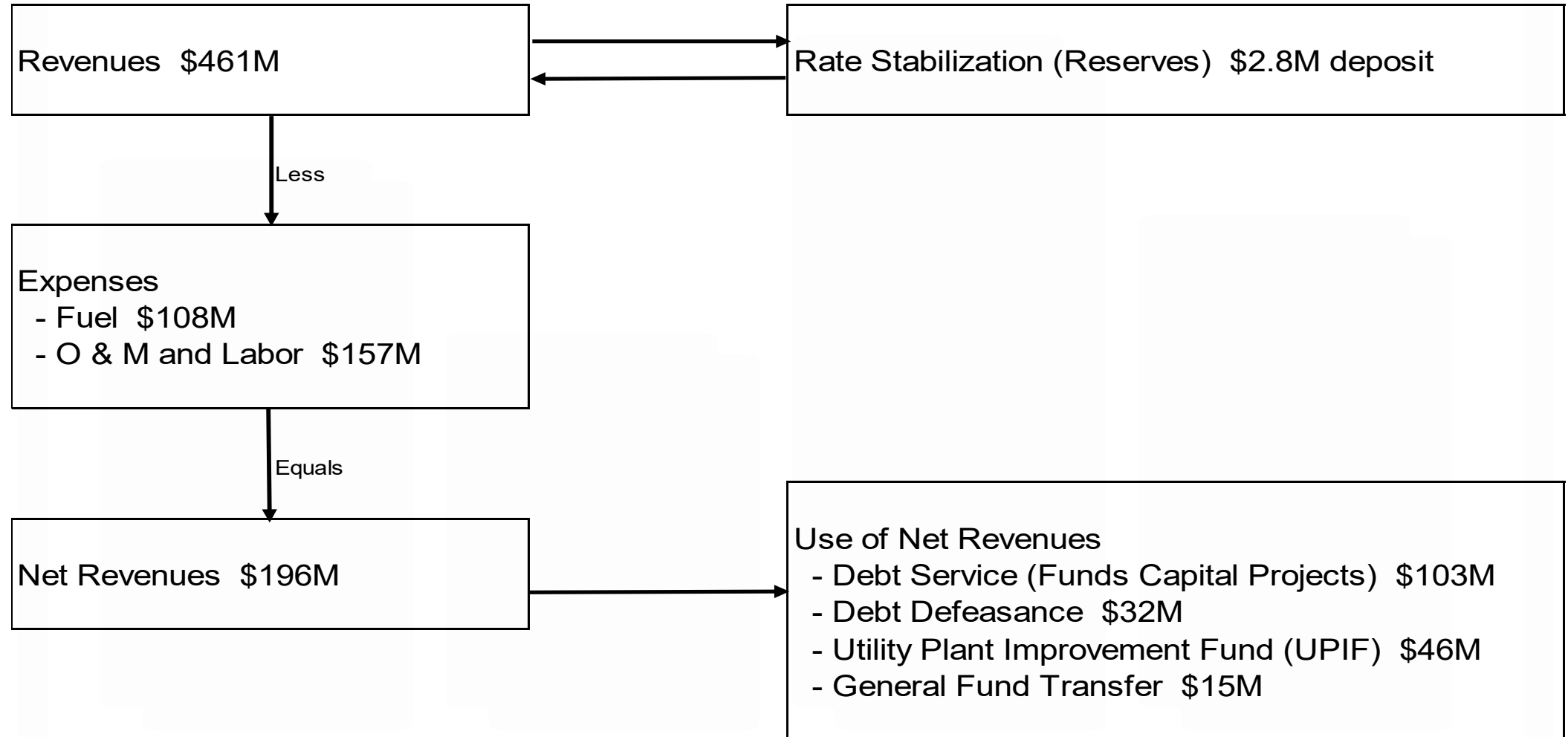
Flow of Funds

Flow of Funds

COMBINED SYSTEM

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Total Revenues	460,445,984	470,958,214	474,604,201	491,560,785	502,100,324	511,846,160	528,278,503	540,177,823	550,155,474	567,635,636
O & M Expense:										
Native Load Fuel Cost	95,440,704	94,744,721	97,587,063	100,514,674	103,530,115	106,636,018	109,835,099	113,130,152	116,524,056	120,019,778
Purchased Gas	11,762,097	13,711,807	14,123,161	14,546,856	14,983,262	15,432,760	15,895,742	16,372,615	16,863,793	17,369,707
Other O & M	157,324,197	164,094,613	169,017,451	174,087,975	179,310,614	184,689,933	190,230,631	195,937,550	201,815,676	207,870,146
Total O&M Expense	264,526,998	272,551,141	280,727,675	289,149,505	297,823,991	306,758,710	315,961,472	325,440,316	335,203,525	345,259,631
Total Net Revenues	195,918,986	198,407,073	193,876,526	202,411,279	204,276,334	205,087,450	212,317,031	214,737,507	214,951,949	222,376,005
Uses of Net Revenues:										
Debt Service (before BABS Revenue)	102,918,849	108,033,925	106,747,031	118,042,195	118,597,645	118,917,396	122,111,666	121,951,272	121,813,513	129,541,141
Debt Defeasance from Excess Revenue	6,500,000	6,467,000	6,433,010	6,398,000	6,324,799	6,286,542	6,247,139	6,206,553	6,164,749	6,121,692
Debt Defeasance from Budget Reductions	3,410,011	2,800,000	2,800,000	2,800,000	2,800,000	2,800,000	2,800,000	2,800,000	2,800,000	2,359,989
Debt Defeasance from GSC Reductions	16,977,776	14,934,013	12,545,164	10,205,560	9,880,929	9,540,940	9,452,781	9,361,800	9,265,719	9,171,376
Debt Defeasance from Treasury	4,681,507	5,463,389	5,444,978	5,679,266	5,651,039	5,601,820	8,615,928	10,455,140	10,415,359	10,402,807
UPIF	46,125,619	45,359,758	44,168,507	43,208,819	44,619,851	45,198,691	46,259,298	47,041,542	47,475,328	47,667,377
Government Service Contribution	15,305,224	15,348,987	15,737,836	16,077,440	16,402,071	16,742,060	16,830,219	16,921,200	17,017,281	17,111,624
Total Uses of Net Revenues	195,918,986	198,407,073	193,876,526	202,411,279	204,276,334	205,087,450	212,317,031	214,737,507	214,951,949	222,376,005
Net Revenue/(Deficit)	-	-	-	-	-	-	-	-	-	-

Flow of Funds – Fiscal Year 2024

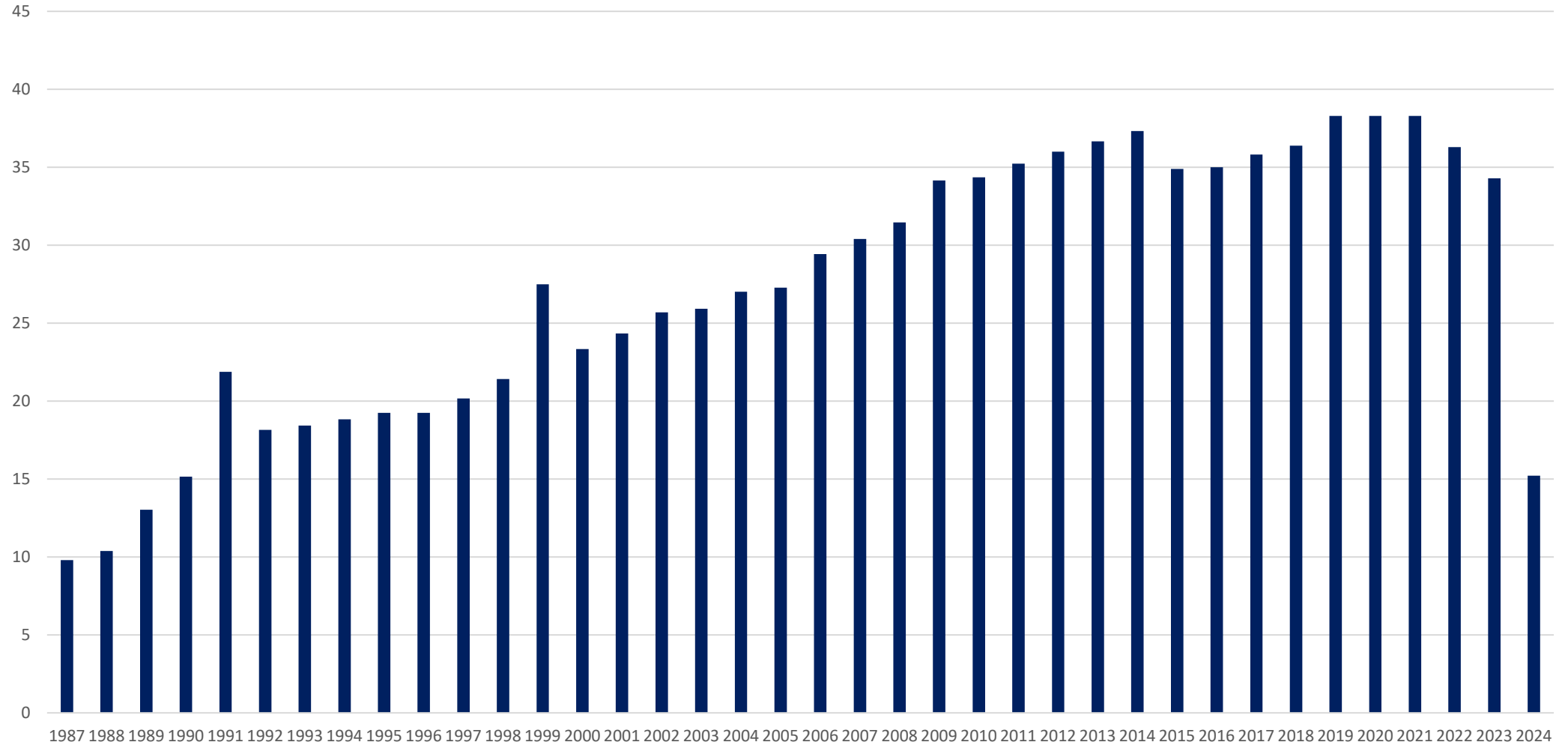




GFT (GSC)

Trend in GSC

FY	GFT (M)
1987	9.79
1988	10.38
1989	13.30
1990	15.15
1991	21.87
1992	18.15
1993	18.43
1994	18.83
1995	19.25
1996	19.24
1997	20.16
1998	21.41
1999	27.49
2000	23.34
2001	24.33
2002	25.69
2003	25.92
2004	27.01
2005	27.28
2006	29.43
2007	30.39
2008	31.45
2009	34.15
2010	34.35
2011	35.23
2012	36.00
2013	36.66
2014	37.32
2015	34.89
2016	34.99
2017	35.81
2018	36.38
2019	38.28
2020	38.28
2021	38.28
2022	36.28
2023	34.28
2024	15.22



GSC Survey Data

FMPA ELECTRIC SYSTEM GFT SURVEY FYE22					
System	Retail Sales (MWh)	Total Electric Revenues	Transfer to General Fund	Transfer as a % of Revenue	Transfer as \$ per MWh
Beaches Energy Services	707,709.74	106,480,485.00	3,707,642.00	3.48%	5.24
Bushnell	56,763.38	8,130,847.00	-	0.00%	-
Chattahoochee	36,330.75	3,677,575.00	1,540,600.00	41.89%	42.40
Fort Pierce Utilities Authority	577,978.00	85,267,532.00	4,297,058.00	5.04%	7.43
GRU	1,821,420.00	383,672,761.00	23,388,369.00	6.10%	12.84
GRU Projected FY24 - Combined Systems	1,828,716.00	460,445,984.00	15,305,224.00	3.32%	8.37
GRU Projected FY24 - Electric System	1,828,716.00	325,333,861.00	9,523,278.00	2.93%	5.21
Homestead	610,000.00	75,565,000.00	4,793,364.00	6.34%	7.86
JEA	12,488,252.00	1,491,097,000.00	94,545,651.00	6.34%	7.57
Keys Energy Services	738,081.34	132,479,804.00	598,000.00	0.45%	0.81
Kissimmee Utility Authority	1,715,502.96	259,168,499.00	18,973,463.00	7.32%	11.06
Lake Worth Beach	486,550.15	65,523,123.00	4,953,797.00	7.56%	10.18
Lakeland Electric	3,283,152.48	391,221,311.00	33,150,859.00	8.47%	10.10
Leesburg	516,184.94	81,952,720.00	7,396,152.00	9.02%	14.33
Mount Dora	95,662.97	14,302,078.00	2,201,871.00	15.40%	23.02
New Smyrna Beach	456,283.87	56,965,589.00	4,073,138.00	7.15%	8.93
Newberry	42,183.84	6,371,194.00	255,615.00	4.01%	6.06
Ocala	1,326,206.13	206,593,219.00	18,862,090.00	9.13%	14.22
Orlando Utilities Commission	4,694,005.84	601,252,814.00	90,152,857.00	14.99%	19.21
Starke	64,664.62	10,343,310.00	602,205.00	5.82%	9.31
Tallahassee	2,624,660.46	276,760,405.00	32,367,926.00	11.70%	12.33
Wauchula	65,474.87	8,269,555.00	760,653.42	9.20%	11.62
Winter Park	426,896.30	59,508,002.00	3,227,172.00	5.42%	7.56

Some in the public have suggested the GSC as a percentage of operating revenue is appropriate and reasonable based on these types of comparisons. That is accurate until you account for GRU's outsized debt service, which must be paid from GRU's operating revenues below the line.

FitchRatings U.S. Public Power - Peer Review June 20, 2023 as of FYE22		
Transfers as a % of Revenue - Combined Systems (Includes Fuel)		
Florida Utility Systems Rated A+ or Better by Fitch		
System	Transfer as a % of Revenue	Fitch Rating
JEA	6.20%	AA
Kissimmee Utility Authority	7.30%	AA
Lakeland	10.60%	AA
Orlando Utilities Commission	10.80%	AA
Tallahassee	10.30%	AA
AA median	5.70%	
Keys Energy Services	2.80%	AA-
AA- median	4.70%	
GRU	6.90%	A+
Leesburg	5.90%	A+
Winter Park	5.80%	A+
A+ median	6.00%	

Chapter 2023-348 or HB 1645 Defines the Maximum Cap on the GSC as:

- For any fiscal year, the GSC may not exceed aggregate utility system net revenues less flow of funds
- Any remaining funds, after deductions for flow of funds and GSC, shall be dedicated to additional debt service or utilized as equity in future capital projects

Chapter 2023-348 or HB 1645

- No franchise, right-of-way, license, permit or usage fee or tax may be levied by the City upon the Authority or the utilities unless allowed by general law
- There have been questions regarding reducing the GSC payments to the City and the City possibly imposing a franchise fee in return

Currently the options under review:

- Keep the GSC as projected through 2033
- Lower the GSC
- Keep the GSC flat to 2024 levels
- Eliminate the GSC
- Overpayment recovery – can open up other items for evaluation between GG and GRU or for payments including a franchise fee charged to customers



Net Debt Reduction Plan

Net Debt Reduction Plan

Key Criteria in the April 2023 plan:

- 70% debt to capitalization ratio was chosen as the target level for debt reduction, consistent with the October 2022 GRU Debt Management Policy amendment for target financial metrics approved by the City Commission
- 10 years was established as the target timeframe for reaching this ratio
- To reach this ratio in this timeframe would require a \$315 million reduction in net debt which included:
 - Savings from GSC reductions were \$119,830,000
 - Excess revenues from recurring base rate increases of 3% in the Electric System and 5% in the Wastewater System each year through FY27 totaled \$76,000,000
 - GRU committed to \$28,170,000 in budget cuts over the next decade
 - All of these resources are committed to go towards debt payments or to cash fund future capital projects, thereby reducing the amount of future debt to be issued

Net Debt Reduction Plan

	Beginning Balance	Organic Debt Changes			Debt Plan Reduction Resources			Less Cash Available for					
		Projected Outstanding Debt	Projected Issuances	Projected Paydowns Current Debt	Projected Paydowns Projected Debt	GSC Reductions	Excess Reserves	Budget Cuts	FYE Outstanding Debt	Plus Unamortized Bond Premium	Debt Svc: Operating, RSF, Debt Service & Construction Funds	= Net Debt	Divided by Net Capital Assets
FYE 22								1,731,945,000	101,033,480	(220,027,342)	1,612,951,138	1,854,172,294	86.99%
2023	1,731,945,000	150,000,000	(35,680,000)					1,846,265,000	101,033,480	(298,074,000)	1,649,224,480	1,843,298,490	89.47%
2024	1,846,265,000		(35,340,000)		(16,783,000)	(6,500,000)	(3,410,011)	1,784,231,989	101,033,480	(250,872,000)	1,634,393,469	1,830,000,000	89.31%
2025	1,784,231,989		(43,435,000)		(14,783,000)	(6,467,000)	(2,817,000)	1,716,729,989	101,033,480	(205,211,000)	1,612,552,469	1,815,000,000	88.85%
2026	1,716,729,989	60,000,000	(42,915,000)	(1,200,000)	(12,783,000)	(6,433,010)	(2,817,000)	1,710,581,979	101,033,480	(279,568,000)	1,532,047,459	1,800,000,000	85.11%
2027	1,710,581,979		(50,415,000)	(1,350,000)	(10,783,000)	(6,398,000)	(2,817,000)	1,638,818,979	101,033,480	(256,594,000)	1,483,258,459	1,795,000,000	82.63%
2028	1,638,818,979		(52,820,000)	(1,350,000)	(10,783,000)	(6,324,799)	(2,817,000)	1,564,724,180	101,033,480	(239,170,000)	1,426,587,660	1,790,000,000	79.70%
2029	1,564,724,180	98,000,000	(54,265,000)	(3,310,000)	(10,783,000)	(6,286,542)	(2,817,000)	1,585,262,638	101,033,480	(342,880,000)	1,343,416,118	1,785,000,000	75.26%
2030	1,585,262,638		(57,260,000)	(3,705,000)	(10,783,000)	(6,247,139)	(2,817,000)	1,504,450,499	101,033,480	(286,953,000)	1,318,530,979	1,780,000,000	74.07%
2031	1,504,450,499		(59,370,000)	(3,705,000)	(10,783,000)	(6,206,553)	(2,817,000)	1,421,568,946	101,033,480	(225,518,000)	1,297,084,426	1,775,000,000	73.08%
2032	1,421,568,946	106,000,000	(61,250,000)	(5,825,000)	(10,783,000)	(6,164,749)	(2,817,000)	1,440,729,197	101,033,480	(310,521,000)	1,231,241,677	1,740,000,000	70.76%
2033	1,440,729,197		(65,120,000)	(6,485,000)	(10,783,000)	(6,121,692)	(2,223,989)	1,349,995,516	101,033,480	(234,332,000)	1,216,696,996	1,725,000,000	70.53%
Totals		414,000,000	(557,870,000)	(26,930,000)	(119,830,000)	(63,149,484)	(28,170,000)						

Net Debt Reduction Plan

Key criteria changes from April 2023:

- Projected debt issuances over the next decade have declined from ~ \$468M to \$414M based on increased utilization of UPIF funding
- Interest rate on projected issuances increased slightly to 3.5% vs 3.33%
- Projected paydown on projected debt issuances declined as the April analysis assumed level debt service on 2023C bond issue with immediate principal payments; first principal payment on 2023C is in 2048

Net Debt Reduction Plan

	Beginning Balance Outstanding Debt	Organic Debt Changes		Debt Plan Reduction Resources			FYE Outstanding Debt	Less Cash Available for				Divided by Net Capital Assets	= Debt to Capitalization Rate
		Projected Issuances	Projected Paydowns Current Debt	Projected Paydowns Projected Debt	GSC Reductions	Excess Reserves		Budget Cuts	Debt Svc: Operating, RSF, Debt Service & Construction Funds		= Net Debt		
									Plus Unamortized Bond Premium				
FYE 22							1,731,945,000	101,033,480	(220,027,342)	1,612,951,138	1,854,172,294	86.99%	
2023	1,731,945,000	150,000,000	(35,680,000)				1,846,265,000	101,033,480	(298,074,000)	1,649,224,480	1,843,298,490	89.47%	
2024	1,846,265,000		(35,340,000)		(16,977,776)	(6,500,000)	(3,410,011)	1,784,037,213	101,033,480	(250,872,000)	1,634,198,693	1,830,000,000	89.30%
2025	1,784,037,213		(43,435,000)		(14,934,013)	(6,467,000)	(2,817,000)	1,716,384,200	101,033,480	(205,211,000)	1,612,206,680	1,815,000,000	88.83%
2026	1,716,384,200	60,000,000	(42,915,000)	(1,200,000)	(12,545,164)	(6,433,010)	(2,817,000)	1,710,474,026	101,033,480	(279,568,000)	1,531,939,506	1,800,000,000	85.11%
2027	1,710,474,026		(50,415,000)	(1,350,000)	(10,205,560)	(6,398,000)	(2,817,000)	1,639,288,466	101,033,480	(256,594,000)	1,483,727,946	1,795,000,000	82.66%
2028	1,639,288,466		(52,820,000)	(1,350,000)	(9,880,929)	(6,324,799)	(2,817,000)	1,566,095,738	101,033,480	(239,170,000)	1,427,959,218	1,790,000,000	79.77%
2029	1,566,095,738	98,000,000	(54,265,000)	(3,310,000)	(9,541,000)	(6,286,542)	(2,817,000)	1,587,876,196	101,033,480	(342,880,000)	1,346,029,676	1,785,000,000	75.41%
2030	1,587,876,196		(57,260,000)	(3,705,000)	(9,452,781)	(6,247,139)	(2,817,000)	1,508,394,276	101,033,480	(286,953,000)	1,322,474,756	1,780,000,000	74.30%
2031	1,508,394,276		(59,370,000)	(3,705,000)	(9,361,800)	(6,206,553)	(2,817,000)	1,426,933,923	101,033,480	(225,518,000)	1,302,449,403	1,775,000,000	73.38%
2032	1,426,933,923	106,000,000	(61,250,000)	(5,825,000)	(9,265,719)	(6,164,749)	(2,817,000)	1,447,611,455	101,033,480	(310,521,000)	1,238,123,935	1,740,000,000	71.16%
2033	1,447,611,455		(65,120,000)	(6,485,000)	(9,171,376)	(6,121,692)	(2,223,989)	1,358,489,398	101,033,480	(234,332,000)	1,225,190,878	1,725,000,000	71.03%
Totals		414,000,000	(557,870,000)	(26,930,000)	(111,336,118)	(63,149,484)	(28,170,000)						

Net Debt Reduction Plan

Current options under internal review:

- Keep the plan as projected through 2033
- Lower the GSC and add to the plan
- Keep the GSC flat to 2024 levels and apply additional savings to the plan
- Evaluate any further expense cuts and apply to the plan
- Change the principal paydown from historically leveling debt service to leveling principal payments
- Must address the streetlight payments impact on the plan



Appendix

General Fund Transfer History



General Fund Transfer History

- Prior to 1986 no predetermined or formulaic mechanism for calculating GFT
- General Government prepared budget which included a dollar amount to be derived from transfer as part of annual General Fund revenue budget
- Amount proposed by General Government was based on its need to support expenditure budget requirements

General Fund Transfer History

- During FY86 budget hearings GRU presented report to City Commission proposing that transfer was too high
- GRU contended that over the period FY81 – FY86 there was no apparent correlation between utility's ability to pay and the amount of the transfer
- GRU staff noted that bond rating agencies preferred that transfers from a municipally owned utility to a general government be based on a formula

General Fund Transfer History

- Based on these issues GRU recommended that General Manager and City Manager should develop a formula for approval by the City Commission to determine future transfers
- Formula should include the following characteristics:
 - Track the utility's ability to pay
 - Be stable rather than volatile
 - Be simple and easy to administer
 - Provide an appropriate return to General Government

General Fund Transfer History

- April 14, 1986 the City Commission voted to establish a formula to determine the amount of Electric Fund and Water Fund revenues to be transferred to General Government
- Components of the transfer were:
 - 14.65% of gross electric revenues from second preceding year, less fuel and electric surcharge from second preceding year, plus
 - Electric surcharge from current year, plus
 - Water surcharges from current year, less
 - Water surcharges from second preceding year

General Fund Transfer History

- 1989
 - Gross percentage of revenue similar to electric component introduced for water and wastewater systems
 - 5% of gross water & wastewater revenues from second preceding year
- 1990
 - Gross revenue component for water & wastewater increased from 5% to 11.5%
 - Gainesville Gas Company purchased – GRU transfers equivalent of gas franchise fee of \$187,500 to General Government

General Fund Transfer History

- 1991
 - Gross revenue component for water & wastewater is increased to 14.65% to match electric system percentage
 - Gas System incorporated into transfer formula
- 1993
 - Gross revenue component for Water System is adjusted to exclude water sales to the University of Florida
 - Consistent with practice of selling water to UF at a price that does not include profit
- 1999
 - GRUCom introduced into transfer process with negotiated dollar amount

General Fund Transfer History

- 2001
 - Concerns about potential deregulation
 - Impact of transfer on GRU competitive position
 - Craft a methodology that would furnish General Government with resources to continue service delivery levels and allow GRU to compete in a deregulated environment
 - Wanted modified formula to
 - Be predictable, verifiable, and stable
 - Provide for growth
 - Enable GRU to compete
 - Deal with electric surcharge as impediment to competitiveness
 - Provide a competitive return to shareholders, and
 - Satisfy rating agency issues

General Fund Transfer History

- 2001 continued...
 - Electric System formula that came from this process was departure from gross revenue methodology
 - Moved to a retail kilowatt hour delivered basis
 - Two components
 - Base
 - Base component represented equivalent return would receive from private utility
 - Property tax
 - Franchise fee
 - Dividends (return on investment to shareholder)
 - Grows at 3% per year as long as 3 year rolling average of retail kilowatt hours delivered is equal to or greater than 0
 - Incentive
 - 3% of net interchange sales
 - One-half of the percentage growth in retail kilowatt hours delivered in excess of 3% multiplied by the base amount
 - Electric surcharge now retained by GRU

General Fund Transfer History

- 2002
 - Water/Wastewater connection surcharge added
- 2006
 - 10% gas surcharge added
- 2011
 - During the period FY00 – FY10 three year rolling average of retail kilowatt hours delivered was negative only one time, so transfer grew by 3% nine of ten years
 - But the three year average actually reached 3% only one of those ten years
 - From GRU perspective more was paid than was made nine out of ten years
 - Economic issues facing GRU and General Government in wake of recession
 - Both sides agreed changes to transfer methodology could be useful
 - General Government desired
 - Predictability
 - Stability
 - Element of guaranteed growth
 - GRU desired
 - Predictability
 - Stability
 - Flexibility to provide transfer from any system which had financial ability to pay rather than defined transfer by system as in existing model

General Fund Transfer History

- 2011 continued...
 - Result was four year agreement (FY11 – FY14) with fixed dollar transfers per year for each of the four years
 - Any difference between revised and former methodology in excess of \$500,000 would be shared between General Government and GRU
- 2015
 - Both sides seeking defined agreement to provide budget stability
 - Generated five year agreement with 1.5% per year growth in GFT
 - Ad valorem tax associated with biomass facility deducted from transfer
 - In recognition of GRU need for rate relief, first year amount of agreement (FY15) was approximately \$3 million reduction from FY14 level

General Fund Transfer History

- FY19 through FY21 the GFT was constant at \$38,285,000
- During the FY22 budget process the City Commission directed that the GFT be reduced by \$2,000,000 per year each year from FY22 through FY27
 - FY22 \$36,283,000
 - FY23 \$34,283,000
 - FY24 \$32,283,000
 - FY25 \$30,283,000
 - FY26 \$28,283,000
 - FY27 \$26,283,000

General Fund Transfer History

- During the April 13, 2023 General Policy Committee meeting the City Commission approved a change to the General Fund Transfer as part of GRU's Net Debt Reduction Plan
- Beginning in FY24, the transfer will be based on a formula consisting of two components
 - Property tax component: The then current ad valorem millage rate applied against 70% of GRU's Total Insured Value in the most recent Property Insurance Policy
 - Franchise Fee Component: (90% of Electric System revenues less fuel and transfers to/from the Rate Stabilization Fund) times 5%
- The name of the General Fund Transfer was changed to Government Services Contribution



BFA Financial Touchpoints

Key Financial Touchpoints

- November 2017 – GRU bought out the biomass PPA, reducing overall/imputed debt by \$250 million
- February 2018 – City Commission reduced bills by 8-10% as promised by the Commission after buyout of PPA for the biomass plant
- May 2018 – the results of the bill reductions and high General Fund Transfer payments were becoming increasingly apparent as GRU was now projecting negative cash from the bill reductions coupled with increasing debt service to cover the debt service on DHR
- February 2019 – CFO completed a formal Cash Reserves Policy to stabilize cash (GRU had not received formal board approval before then)

Key Financial Touchpoints

- February 2019 – CFO completed a debt restructuring to stabilize cash reserves and cash fund CIP
- March 2020 – CFO received approval to complete debt refinancings to lower interest rates \$134 million in future savings (set aside for debt defeasance)
- September 2020 – GG completed Pension Obligation Bond issuance saving GRU \$64 million (set aside for debt defeasance)
- September 2021 – City Commission approved multi-year rate increases in Electric and Wastewater to fund GRU operations and build profit levels which has the effect of now being able to pay the full amount of the GFT from profit

Key Financial Touchpoints

- October 2022 – CFO completed a formal debt defeasance policy and financial metrics policy (GRU had not received formal board approval before then)
- February 2023 – JLAC instructed the Mayor to complete bold moves to deal with GRU's debt
- April 2023 – City Commission approved reducing the General Fund Transfer to \$15.3 million in fiscal year 2024 from \$32.3 million
- 2024 through 2033 projections include the following components:
 - Multiyear base rate increases in Electric 3% and Wastewater 5%
 - General Fund payments ranging from \$15.3 million in 2024 to \$17.1 million in 2033

Transaction Related Savings

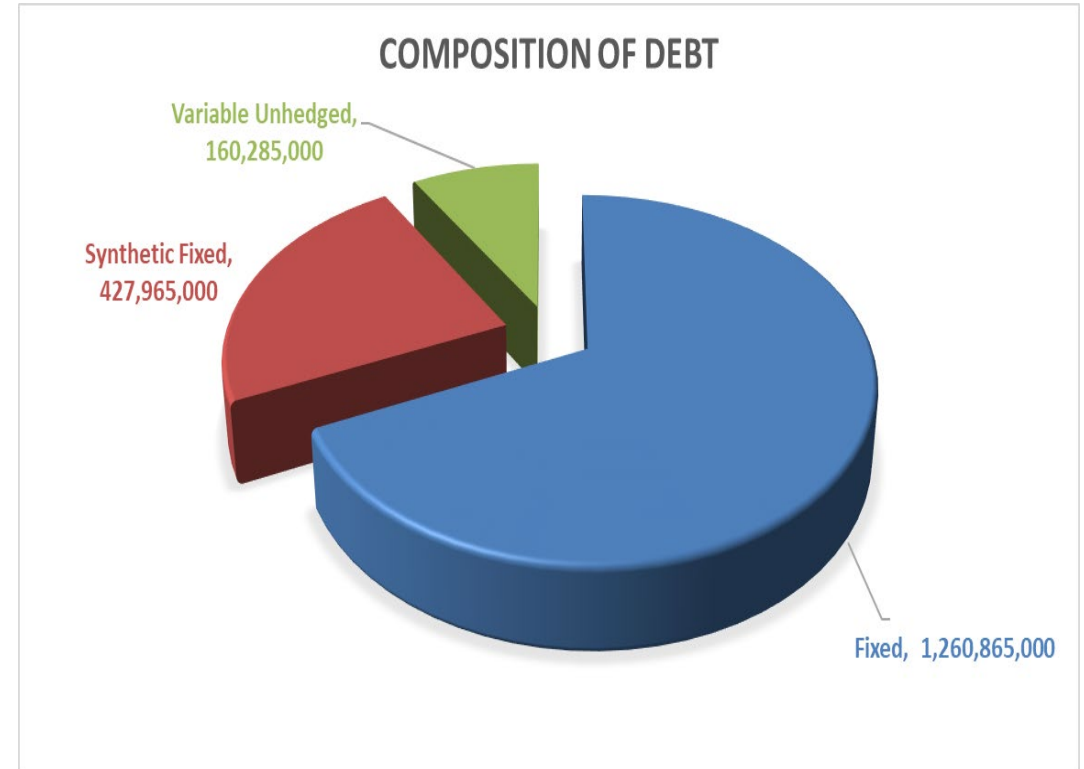
Summary of Transaction Related Savings 2017 Forward Savings Over the Life of the Issues

DHR Acquisition	771,772,806
Series 2019B: Refunding of Series 2005B (savings 2019 - 2024)	9,573,288
Series 2019C: Refunding of Series 2005C, 2006A, 2007A, 2008B, & 2012B (savings 2019 - 2024)	56,759,489
2020 Restructuring Transactions:	
Series 2017C Swap	23,941,220
Series 2020A: Forward Delivery Tax-Exempt Direct Placement Refunding of Series 2010C Bonds	4,108,262
Series 2017B Goldman Sachs Swap Termination Option Extension	8,532,699
Series 2005A Bonds Redemptions	190,273
Series 2014A Forward Starting Swap	12,955,566
Series 2019A Forward Starting Swap	78,749,501
Series 2017B Citi Swap Termination Option Extension	5,577,708
2020 Pension Obligation Bonds	63,689,301
Series 2022A : Series 2012A Refunding	5,142,652
Series 2022B: Refunding of Series 2007A & 20008B	5,917,611
Total Savings	1,046,910,376

Transaction Related Savings

Debt Portfolio Composition

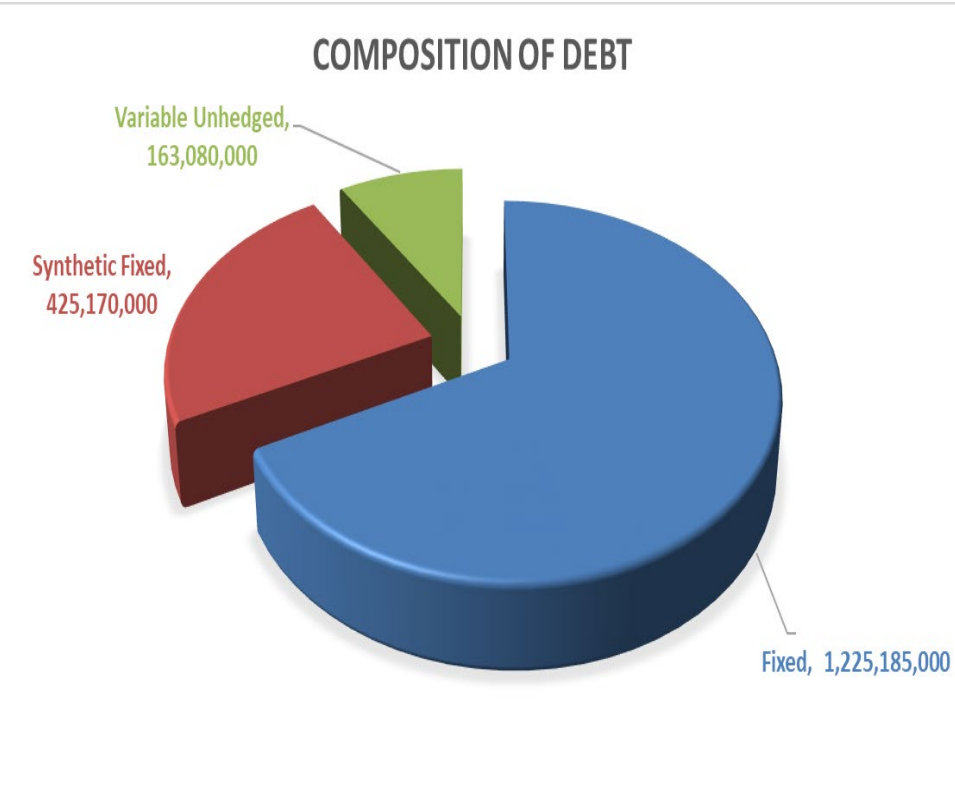
PORTFOLIO COMPOSITION					
Outstanding Principal @9/30/23				Outstanding	(Overhedged)
	Fixed	Variable	Total	Notional Swap \$	Net Unhedged
2005C		3,090,000		5,980,000	(2,890,000)
2006A		2,985,000		5,775,000	(2,790,000)
2009B	123,310,000				
2010A	12,930,000				
2010B	132,445,000				
2012B		98,610,000			98,610,000
2014A	36,000,000		(1)		
2014B	12,085,000				
2017A	357,750,000				
2019A	153,820,000		(2)		
2019B	26,665,000				
2019C		67,355,000			67,355,000
2020A	10,620,000				
2021A	95,760,000				
2022A	66,600,000				
2022B	232,880,000				
2023A		160,000,000		45,000,000	115,000,000
				115,000,000	(115,000,000)
2023B		105,000,000		105,000,000	-
2023C		151,210,000		151,210,000	-
@ 9/30/23	1,260,865,000	588,250,000	1,849,115,000	427,965,000	160,285,000
Composition Summary					
% Original Issue Fixed	68.19%				
% Original Issue Variable	31.81%				
\$ Notional Swaps	427,965,000				
% Fixed/Synthetically Fixed	91.33%				
\$ Fixed/Synthetically Fixed	1,688,830,000				
\$ Variable Unhedged	160,285,000				
(1) 2014 A FSS effective October 1, 2024 with a notional amount of \$34,025,000					
(2) 2019A FSS effective October 1, 2029 with a notional amount of \$153,280,000					



Transaction Related Savings

Debt Portfolio Composition @ 10/1/2023

PORTFOLIO COMPOSITION					
Outstanding Principal @10/1/23				Outstanding Notional Swap \$	(Overhedged) Net Unhedged
	Fixed	Variable	Total		
2005C		3,090,000		4,560,000	(1,470,000)
2006A		2,985,000		4,400,000	(1,415,000)
2009B	117,905,000				
2010A	12,930,000				
2010B	132,445,000				
2012B		98,610,000			98,610,000
2014A	35,035,000		(1)		
2014B	12,085,000				
2017A	343,355,000				
2019A	153,820,000		(2)		
2019B	26,665,000				
2019C		67,355,000			67,355,000
2020A	10,575,000				
2021A	95,760,000				
2022A	54,525,000				
2022B	230,085,000				
2023A		160,000,000		45,000,000	115,000,000
				115,000,000	(115,000,000)
2023B		105,000,000		105,000,000	-
2023C		151,210,000		151,210,000	-
@ 9/30/23	1,225,185,000	588,250,000	1,813,435,000	425,170,000	163,080,000
Composition Summary					
% Original Issue Fixed	67.56%				
% Original Issue Variable	32.44%				
\$ Notional Swaps	425,170,000				
% Fixed/Synthetically Fixed	91.01%				
\$ Fixed/Synthetically Fixed	1,650,355,000				
\$ Variable Unhedged	163,080,000				
(1) 2014 A FSS effective October 1, 2024 with a notional amount of \$34,025,000					
(2) 2019A FSS effective October 1, 2029 with a notional amount of \$153,280,000					



Flow of Funds

ELECTRIC FUND

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Total Revenues	325,399,861	328,873,634	331,429,767	342,683,688	350,356,033	360,161,058	366,822,049	374,370,528	381,033,199	388,883,669
O&M Expense:										
Native Load Fuel Cost	95,440,704	94,744,721	97,587,063	100,514,674	103,530,115	106,636,018	109,835,099	113,130,152	116,524,056	120,019,778
Other O&M	95,094,701	99,419,307	102,401,886	105,473,943	108,638,161	111,897,306	115,254,225	118,711,852	122,273,207	125,941,404
Total O&M	190,535,405	194,164,028	199,988,949	205,988,617	212,168,276	218,533,324	225,089,324	231,842,004	238,797,264	245,961,182
Total Net Revenues	134,864,456	134,709,606	131,440,819	136,695,071	138,187,757	141,627,734	141,732,725	142,528,525	142,235,935	142,922,488
Uses of Net Revenues:										
Debt Service (before BABS Revenue)	71,930,998	72,767,894	71,583,327	75,985,146	76,713,938	79,856,103	78,612,293	79,808,402	79,767,685	80,696,068
UPIF Contribution	28,736,177	28,599,426	28,027,578	27,537,340	28,503,820	28,892,179	29,664,670	30,470,619	30,276,236	30,156,369
Government Service Contribution	9,523,278	9,550,508	9,792,459	10,003,769	10,205,762	10,417,311	10,472,166	10,528,777	10,588,561	10,647,263
Loss absorbed from GRUCom (66.3%)	3,910,080	3,977,596	3,769,228	6,420,918	6,307,967	6,293,279	4,328,989	3,196,673	3,206,237	3,401,116
Debt Defeasance from Excess Revenues	4,356,143	4,323,143	4,289,153	4,254,144	4,180,942	4,142,686	4,103,282	4,062,696	4,020,893	3,977,835
Debt Defeasance from Budget Reductions	2,121,791	1,742,227	1,742,227	1,742,227	1,742,227	1,742,227	1,742,227	1,742,227	1,742,227	1,468,442
Debt Defeasance from GSC Reduction	10,563,980	9,292,302	7,805,902	6,350,144	6,148,151	5,936,602	5,881,747	5,825,137	5,765,353	5,706,650
Debt Defeasance from Treasury	3,722,009	4,456,511	4,430,944	4,401,382	4,384,949	4,347,346	6,927,350	6,893,994	6,868,744	6,868,744
Total Uses of Net Revenues	134,864,456	134,709,606	131,440,819	136,695,071	138,187,757	141,627,734	141,732,725	142,528,525	142,235,935	142,922,488
Net Revenue/(Deficit)	-	-	-	-	-	-	-	-	-	-

Flow of Funds

WATER FUND

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Total Revenues	42,267,303	44,616,210	44,584,959	46,482,330	47,162,908	46,754,503	50,686,666	52,132,452	53,064,513	56,837,161
Total O&M Expense	20,929,819	22,134,079	22,798,101	23,482,044	24,186,506	24,912,101	25,659,464	26,429,248	27,222,125	28,038,789
Total Net Revenues	21,337,484	22,482,131	21,786,858	23,000,285	22,976,403	21,842,402	25,027,202	25,703,204	25,842,388	28,798,372
Uses of Net Revenues:										
Debt Service (before BABS Revenue)	9,479,903	11,391,725	11,328,184	12,570,663	12,540,712	11,406,343	14,923,048	15,221,349	15,170,536	18,052,457
UPIF	6,154,840	5,714,522	5,373,326	5,104,105	5,132,536	5,135,645	5,174,959	5,043,991	5,232,909	5,327,978
Government Service Contribution	1,991,424	1,997,118	2,047,713	2,091,900	2,134,139	2,178,376	2,189,847	2,201,685	2,214,187	2,226,462
Loss absorbed from GRUCom (12.52%)	738,374	751,124	711,776	1,212,517	1,191,188	1,188,414	817,480	603,655	605,461	642,262
Debt Defeasance from Budget Reductions	443,690	364,319	364,319	364,319	364,319	364,319	364,319	364,319	364,319	307,068
Debt Defeasance from GSC Reductions	2,209,046	1,943,124	1,632,301	1,327,886	1,285,647	1,241,410	1,229,939	1,218,101	1,205,600	1,193,324
Debt Defeasance from Treasury	320,207	320,198	329,239	328,894	327,862	327,895	327,609	1,050,103	1,049,376	1,048,821
Total Uses of Net Revenues	21,337,484	22,482,131	21,786,858	23,000,285	22,976,403	21,842,402	25,027,202	25,703,204	25,842,388	28,798,372
Net Revenue/(Deficit)	-	-	-	-	-	-	-	-	-	-

Flow of Funds

WASTEWATER FUND

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Total Revenues	56,093,345	58,703,211	59,272,377	62,290,405	63,527,439	63,368,600	67,716,456	69,548,250	70,870,255	75,665,764
Total O&M Expense	25,715,106	26,657,296	27,457,015	28,280,725	29,129,147	30,003,021	30,903,112	31,830,206	32,785,112	33,768,665
Total Net Revenues	30,378,239	32,045,915	31,815,362	34,009,679	34,398,292	33,365,578	36,813,343	37,718,045	38,085,143	41,897,099
Uses of Net Revenues:										
Debt Service (before BABS Revenue)	13,933,319	15,818,053	15,996,425	17,633,242	17,614,641	16,389,209	20,076,353	20,187,066	20,164,420	23,814,849
UPIF Contribution	7,263,974	7,449,353	7,411,982	7,384,069	7,827,654	8,033,558	8,288,693	8,226,082	8,625,144	8,822,191
Government Service Contribution	2,456,917	2,463,942	2,526,363	2,580,879	2,632,992	2,687,569	2,701,721	2,716,326	2,731,750	2,746,895
Loss absorbed from GRUCom (16.02%)	944,788	961,102	910,755	1,551,480	1,524,187	1,520,639	1,046,009	772,409	774,720	821,808
Debt Defeasance from Excess Revenue	2,143,857	2,143,857	2,143,857	2,143,857	2,143,857	2,143,857	2,143,857	2,143,857	2,143,857	2,143,857
Debt Defeasance from Budget Reductions	547,402	449,478	449,478	449,478	449,478	449,478	449,478	449,478	449,478	378,844
Debt Defeasance from GSC Reductions	2,725,408	2,397,327	2,013,850	1,638,278	1,586,166	1,531,588	1,517,436	1,502,831	1,487,407	1,472,263
Debt Defeasance from Treasury	362,573	362,802	362,652	628,396	619,317	609,680	589,796	1,719,996	1,708,367	1,696,393
Total Uses of Net Revenues	30,378,239	32,045,915	31,815,362	34,009,679	34,398,292	33,365,578	36,813,343	37,718,045	38,085,143	41,897,099
Net Revenue/(Deficit)	-	-	-	-	-	-	-	-	-	-

Flow of Funds

GAS FUND

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Total Revenues	27,945,400	29,788,602	29,981,012	30,527,891	31,109,796	31,154,167	32,184,834	32,932,039	33,657,118	34,372,742
O&M Expense:										
Purchased Gas	11,762,097	13,711,807	14,123,161	14,546,856	14,983,262	15,432,760	15,895,742	16,372,615	16,863,793	17,369,707
Other O&M	6,034,819	6,088,925	6,271,593	6,459,741	6,653,533	6,853,139	7,058,733	7,270,495	7,488,610	7,713,268
Total O&M	17,796,916	19,800,732	20,394,754	21,006,597	21,636,794	22,285,898	22,954,475	23,643,110	24,352,403	25,082,975
Total Net Revenues	10,148,484	9,987,870	9,586,258	9,521,294	9,473,001	8,868,269	9,230,359	9,288,930	9,304,715	9,289,767
Uses of Net Revenues:										
Debt Service (before BABS Revenue)	4,929,474	5,220,896	5,177,804	5,180,241	5,169,825	4,586,660	4,653,758	4,632,682	4,609,638	4,581,675
UPIF Contribution	2,970,627	2,596,457	2,355,621	2,183,305	2,155,841	2,137,309	2,130,976	2,300,850	2,341,039	2,360,838
Government Service Contribution	763,532	765,715	785,113	802,055	818,250	835,211	839,609	844,148	848,941	853,648
Loss absorbed from GRUCom (5.16%)	304,314	309,569	293,352	499,728	490,937	489,794	336,917	248,791	249,535	264,702
Debt Defeasance from Budget Reductions	170,115	139,684	139,684	139,684	139,684	139,684	139,684	139,684	139,684	117,733
Debt Defeasance from GSC Reduction	846,970	745,013	625,841	509,125	492,930	475,969	471,571	467,032	462,239	457,532
Debt Defeasance from Treasury	163,452	210,536	208,843	207,157	205,535	203,643	657,844	655,743	653,639	653,639
Total Uses of Net Revenues	10,148,484	9,987,870	9,586,258	9,521,294	9,473,001	8,868,269	9,230,359	9,288,930	9,304,715	9,289,767
Net Revenue/(Deficit)	-	-	-	-	-	-	-	-	-	-



Thank You


More than Energy

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