

Liberty Utilities (Missouri Water), LLC d/b/a Liberty Utilities
 WR-2018-0170 & SR-2018-0171
 Reconciliation

NOEL		ROE Per Order 9.75%						Capital Structure Per Order - Equity 42.83% / Debt 57.17%			Rate Case Expense Per Order - 5 Year Amortization			
Issue	Per Silverleaf @ 8.5%		Per Staff @ 10%		Per Liberty Utilities @ 10.25%		Per Liberty Utilities - Equity 53% / Debt 47%			2 Year Amortization		3 Year Amortization		
Change In Revenue Requirement from Order	\$	(11,452)	\$	2,291	\$	4,582	\$	13,817	\$	10,773	\$	4,788		
Rate Design	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge		
Residential														
5/8" Meter	\$ (0.42)	\$ (0.05)	\$ 0.08	\$ 0.01	\$ 0.17	\$ 0.02	\$ 0.51	\$ 0.06	\$ 0.40	\$ 0.04	\$ 0.18	\$ 0.02		
3/4" Meter	\$ (0.59)	\$ (0.05)	\$ 0.12	\$ 0.01	\$ 0.24	\$ 0.02	\$ 0.72	\$ 0.06	\$ 0.56	\$ 0.04	\$ 0.25	\$ 0.02		
1" Meter	\$ (0.72)	\$ (0.05)	\$ 0.14	\$ 0.01	\$ 0.29	\$ 0.02	\$ 0.87	\$ 0.06	\$ 0.68	\$ 0.04	\$ 0.30	\$ 0.02		
Commercial														
5/8" Meter	\$ (0.42)	\$ (0.05)	\$ 0.08	\$ 0.01	\$ 0.17	\$ 0.02	\$ 0.51	\$ 0.06	\$ 0.40	\$ 0.04	\$ 0.18	\$ 0.02		
3/4" Meter	\$ (0.59)	\$ (0.05)	\$ 0.12	\$ 0.01	\$ 0.24	\$ 0.02	\$ 0.72	\$ 0.06	\$ 0.56	\$ 0.04	\$ 0.25	\$ 0.02		
1" Meter	\$ (0.72)	\$ (0.05)	\$ 0.14	\$ 0.01	\$ 0.29	\$ 0.02	\$ 0.87	\$ 0.06	\$ 0.68	\$ 0.04	\$ 0.30	\$ 0.02		
2" Meter	\$ (2.25)	\$ (0.05)	\$ 0.45	\$ 0.01	\$ 0.90	\$ 0.02	\$ 2.71	\$ 0.06	\$ 2.11	\$ 0.04	\$ 0.94	\$ 0.02		
4" Meter	\$ (5.94)	\$ (0.05)	\$ 1.19	\$ 0.01	\$ 2.38	\$ 0.02	\$ 7.17	\$ 0.06	\$ 5.59	\$ 0.04	\$ 2.48	\$ 0.02		
Industrial														
2" Meter	\$ (2.25)	\$ (0.04)	\$ 0.45	\$ 0.01	\$ 0.90	\$ 0.02	\$ 2.71	\$ 0.05	\$ 2.11	\$ 0.04	\$ 0.94	\$ 0.02		
4" Meter	\$ (5.94)	\$ (0.04)	\$ 1.19	\$ 0.01	\$ 2.38	\$ 0.02	\$ 7.17	\$ 0.05	\$ 5.59	\$ 0.04	\$ 2.48	\$ 0.02		
6" Meter	\$ (8.91)	\$ (0.04)	\$ 1.78	\$ 0.01	\$ 3.56	\$ 0.02	\$ 10.75	\$ 0.05	\$ 8.38	\$ 0.04	\$ 3.72	\$ 0.02		
KMB Water	ROE Per Order 9.75%						Capital Structure Per Order - Equity 42.83% / Debt 57.17%			Rate Case Expense Per Order - 5 Year Amortization				
Issue	Per Silverleaf @ 8.5%		Per Staff @ 10%		Per Liberty Utilities @ 10.25%		Per Liberty Utilities - Equity 53% / Debt 47%			2 Year Amortization		3 Year Amortization		
Change In Revenue Requirement from Order	\$	(4,898)	\$	978	\$	1,960	\$	5,912	\$	6,672	\$	2,964		
Rate Design	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge		
Residential														
5/8" Meter	\$ (0.75)	\$ -	\$ 0.15	\$ -	\$ 0.30	\$ -	\$ 0.91	\$ -	\$ 1.02	\$ -	\$ 0.45	\$ -		
1" Meter	\$ (1.50)	\$ -	\$ 0.30	\$ -	\$ 0.60	\$ -	\$ 1.81	\$ -	\$ 2.05	\$ -	\$ 0.91	\$ -		
Commercial														
5/8" Meter	\$ (0.75)	\$ -	\$ 0.15	\$ -	\$ 0.30	\$ -	\$ 0.91	\$ -	\$ 1.02	\$ -	\$ 0.45	\$ -		
1" Meter	\$ (1.50)	\$ -	\$ 0.30	\$ -	\$ 0.60	\$ -	\$ 1.81	\$ -	\$ 2.05	\$ -	\$ 0.91	\$ -		
KMB Sewer	ROE Per Order 9.75%						Capital Structure Per Order - Equity 42.83% / Debt 57.17%			Rate Case Expense Per Order - 5 Year Amortization				
Issue	Per Silverleaf @ 8.5%		Per Staff @ 10%		Per Liberty Utilities @ 10.25%		Per Liberty Utilities - Equity 53% / Debt 47%			2 Year Amortization		3 Year Amortization		
Change In Revenue Requirement from Order	\$	(1,504)	\$	301	\$	601	\$	1,816	\$	1,490	\$	662		
Rate Design	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge		
Single Family Dwelling	\$ (0.74)	\$ -	\$ 0.15	\$ -	\$ 0.29	\$ -	\$ 0.89	\$ -	\$ 0.73	\$ -	\$ 0.32	\$ -		
Multi-Family Dwelling	\$ (0.59)	\$ -	\$ 0.12	\$ -	\$ 0.24	\$ -	\$ 0.71	\$ -	\$ 0.59	\$ -	\$ 0.26	\$ -		
SILVERLEAF Water	ROE Per Order 9.75%						Capital Structure Per Order - Equity 42.83% / Debt 57.17%			Rate Case Expense Per Order - 5 Year Amortization				
Issue	Per Silverleaf @ 8.5%		Per Staff @ 10%		Per Liberty Utilities @ 10.25%		Per Liberty Utilities - Equity 53% / Debt 47%			2 Year Amortization		3 Year Amortization		
Change In Revenue Requirement from Order	\$	(8,947)	\$	1,789	\$	3,578	\$	10,793	\$	8,460	\$	3,760		
Rate Design	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge		
3/4" Meter	\$ (0.39)	\$ (0.10)	\$ 0.08	\$ 0.02	\$ 0.16	\$ 0.04	\$ 0.47	\$ 0.12	\$ 0.37	\$ 0.09	\$ 0.16	\$ 0.04		
1" Meter	\$ (0.66)	\$ (0.10)	\$ 0.13	\$ 0.02	\$ 0.26	\$ 0.04	\$ 0.80	\$ 0.12	\$ 0.62	\$ 0.09	\$ 0.28	\$ 0.04		
2" Meter	\$ (1.55)	\$ (0.10)	\$ 0.31	\$ 0.02	\$ 0.62	\$ 0.04	\$ 1.87	\$ 0.12	\$ 1.47	\$ 0.09	\$ 0.65	\$ 0.04		
3" Meter	\$ (4.27)	\$ (0.10)	\$ 0.85	\$ 0.02	\$ 1.71	\$ 0.04	\$ 5.15	\$ 0.12	\$ 4.04	\$ 0.09	\$ 1.80	\$ 0.04		
4" Meter	\$ (5.44)	\$ (0.10)	\$ 1.09	\$ 0.02	\$ 2.17	\$ 0.04	\$ 6.56	\$ 0.12	\$ 5.14	\$ 0.09	\$ 2.29	\$ 0.04		
SILVERLEAF Sewer	ROE Per Order 9.75%						Capital Structure Per Order - Equity 42.83% / Debt 57.17%			Rate Case Expense Per Order - 5 Year Amortization				
Issue	Per Silverleaf @ 8.5%		Per Staff @ 10%		Per Liberty Utilities @ 10.25%		Per Liberty Utilities - Equity 53% / Debt 47%			2 Year Amortization		3 Year Amortization		
Change In Revenue Requirement from Order	\$	(6,715)	\$	1,343	\$	2,685	\$	8,099	\$	5,597	\$	2,488		
Rate Design	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge	Customer Charge	Usage Charge		
3/4" and 5/8"	\$ (0.88)	\$ (0.41)	\$ 0.18	\$ 0.08	\$ 0.35	\$ 0.16	\$ 1.06	\$ 0.49	\$ 0.73	\$ 0.34	\$ 0.33	\$ 0.15		
1"	\$ (1.50)	\$ (0.41)	\$ 0.30	\$ 0.08	\$ 0.60	\$ 0.16	\$ 1.81	\$ 0.49	\$ 1.25	\$ 0.34	\$ 0.56	\$ 0.15		
2"	\$ (4.67)	\$ (0.41)	\$ 0.93	\$ 0.08	\$ 1.87	\$ 0.16	\$ 5.64	\$ 0.49	\$ 3.90	\$ 0.34	\$ 1.73	\$ 0.15		
3"	\$ (8.82)	\$ (0.41)	\$ 1.76	\$ 0.08	\$ 3.53	\$ 0.16	\$ 10.64	\$ 0.49	\$ 7.35	\$ 0.34	\$ 3.27	\$ 0.15		
TOTAL COMPANY	ROE Per Order 9.75%						Capital Structure Per Order - Equity 42.83% / Debt 57.17%			Rate Case Expense Per Order - 5 Year Amortization				
Issue	Per Silverleaf @ 8.5%		Per Staff @ 10%		Per Liberty Utilities @ 10.25%		Per Liberty Utilities - Equity 53% / Debt 47%			2 Year Amortization		3 Year Amortization		
Change In Revenue Requirement from Order	\$	(33,516)	\$	6,702	\$	13,406	\$	40,437	\$	32,992	\$	14,662		

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Contested Issue: Silverleaf proposed increasing the rates by the same percentage as the revenue requirement increase

	Customer Class	Change in Rate Impact Based on Revenue Requirement	
Customer Charge	3/4" Meter	\$	(10.91)
	1" Meter	\$	(19.07)
	2" Meter	\$	(22.68)
	3" Meter	\$	(135.81)
	4" Meter	\$	(110.85)
Commodity Charge	3/4" Meter	\$	3.59
	1" Meter	\$	3.59
	2" Meter	\$	3.59
	3" Meter	\$	3.59
	4" Meter	\$	3.59