

Liberty Utilities (Midstates Natural Gas) Corp.
d/b/a Liberty Utilities

Docket No. GR-2018-0013

WP-1 Revenue Requirement - True-Up

Missouri Jurisdictions Consolidated

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Line No.	Description	NEMO True-Up	SEMO True-Up	WEMO True-Up	Total True-Up	Reference
	(a)	(b)	(c)	(d)	(e)	(f)
1	Rate Base	44,823,041	52,257,236	7,887,128	104,967,405	WP-1 Rate Base
2	Revenues	10,756,693	13,321,700	1,775,268	25,853,661	WP-1 Operate Income, Line 1 Column (e)
3	Expenses	9,013,983	12,106,524	1,900,612	23,021,119	WP-1 Operate Income, Line 12 Column (e)
4	Net Operating (Loss) Before Taxes	1,742,710	1,215,176	(125,344)	2,832,542	Line 2 - Line 3
5	State Income Tax	42,350	3,395	(16,872)	28,872	WP-1 Operate Income
6	Federal Income tax	149,052	11,948	(59,383)	101,617	WP-1 Operate Income
7	Net Operating Income (Loss) After Taxes	1,551,308	1,199,833	(49,088)	2,702,053	Line 4 - Line 5 - Line 6
8	Current Rate of Return	3.46%	2.30%	-0.62%	2.57%	(Line 7 / Line 1)
9	Rate of Return Requested	7.64%	7.64%	7.64%	7.64%	WP-1 Rate of Return
10	Required Net Operating Income	3,424,480	3,992,453	602,577	8,019,510	(Line 9 x Line 1)
11	Income Deficiency	1,873,172	2,792,620	651,665	5,317,457	(Line 10 - Line 7)
12	Gross Revenue Conversion factor	1.341351	1.341351	1.341351	1.341351	WP-1 GRCF
13	Revenue Deficiency	2,512,581	3,745,884	874,112	7,132,577	(Line 11 x Line 12)
14	Revenue Deficiency %	23.36%	28.12%	49.24%	27.59%	(Line 13 / Line 2)
15	Revenue Requirement	13,269,275	17,067,584	2,649,379	32,986,238	(Line 2 + Line 13)

Line No.	Description (a)	Reference (b)	True Up 3/31/2018 (c)	Pro Forma Adjustments (d)	Adjusted Year End Amount (e) = (c) + (d) (e)
1	Gas Plant in Service	WP 7-1	\$ 165,976,701	\$ (117,480)	165,859,221
2	Less: Accumulated Depreciation	WP 7-3	<u>(48,401,844)</u>	<u>247,635</u>	<u>(48,154,209)</u>
3	Net Plant in Service (Line 1 + Line 2)		117,574,857	130,156	117,705,012
4	Accumulated Deferred Income Taxes	WP 7-13	(9,971,819)	-	(9,971,819)
5	Customer Advances	WP 7-4	(43,066)	-	(43,066)
6	Customer Deposits	WP 7-4	(1,855,855)	-	(1,855,855)
7	Rate Base Offset	WP 7-8	(7,063,333)	-	(7,063,333)
8	Gas Storage	WP 7-5	3,794,783	-	3,794,783
9	Prepaid Expenses	WP 7-6	265,847	-	265,847
10	Regulatory Asset - Energy Efficiency	WP 7-9	293,077	(17,000)	276,077
11	Allowance for Cash Working Capital	WP 7-7	537,883	-	537,883
12	Regulatory Asset - Pension & OPEB		<u>1,321,875</u>	<u>-</u>	<u>1,321,875</u>
13	Total Rate Base (Sum of Line 3 through Line 12)		<u>\$ 104,854,250</u>	<u>\$ 113,156</u>	<u>104,967,405</u>

Line No.	Description	Rate Base Offset True-up	AMR Addition	PVC & Steel Main Replacements	Hannibal Shop	Merit Increases	Vacant Positions	Vehicle Additions	CAM Adjustment	EE Reg Asset Adjustment	Staff EE Reclass Adjustment	Staff Capitalized Transition Cost Adjustment	Staff Relocation Costs Adjustments Related to Prior Case	Staff Advertising Adjustments Related to Prior Case	Staff Injuries & Damages Adjustments Related to Prior Case	Total Pro Forma Adjustments (p) = (b) thru (o)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
1	Gas Plant in Service	\$ -	\$ -	\$ -	\$ -	\$ 264,292	\$ 139,898	\$ -	\$ (87,687)	\$ -	\$ -	\$ (420,767)	\$ (4,392)	\$ (824)	\$ (8,000)	\$ (117,480)
2	Less: Accumulated Depreciation	-	-	-	-	(13,215)	(6,995)	-	4,384	-	-	262,439	537	97	388	247,635
3	Net Plant in Service (Line 1 + Line 2)	-	-	-	-	251,077	132,903	-	(83,303)	-	-	(158,328)	(3,855)	(727)	(7,612)	130,156
4	Accumulated Deferred Income Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Customer Advances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Customer Deposits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Rate Base Offset	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Gas Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Prepaid Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Regulatory Asset - Energy Efficiency	-	-	-	-	-	-	-	-	-	(17,000)	-	-	-	-	(17,000)
11	Allowance for Cash Working Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Pension & OPEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Total Rate Base (Sum of Line 3 through Line 12)	\$ -	\$ -	\$ -	\$ -	\$ 251,077	\$ 132,903	\$ -	\$ (83,303)	\$ -	\$ (17,000)	\$ (158,328)	\$ (3,855)	\$ (727)	\$ (7,612)	\$ 113,156

Line No.	Description (a)	Reference (b)	Year End 12/31/2017 (c)	Pro Forma Adjustments (d)	As Adjusted Under Present Rates (e) = (c) + (d) (e)	Requested Rate Increase (f)	As Adjusted Under Proposed Rates (g) = (e) + (f) (g)
1	Revenues	WP-2	\$ 24,710,451	\$ 1,143,210	\$ 25,853,661	\$ 7,132,577	\$ 32,986,238
2	Production and Other Gas Supply Expenses	WP-4	-	-	-		-
3	Transmission Expenses	WP-4	-	-	-		-
4	Distribution Expenses	WP-4	2,258,504	(39,332)	2,219,172		2,219,172
5	Customer Account Expense	WP-4	2,278,581	198,500	2,477,081		2,477,081
6	Customer Service & Informational Expense	WP-4	171,390	(1,040)	170,350		170,350
7	Sales Expenses	WP-4	8,485	(7,277)	1,208		1,208
8	Administrative & General Expenses	WP-4	6,609,489	554,525	7,164,014		7,164,014
9	Depreciation & Amortization Expense	WP-6	6,178,268	2,604,323	8,782,591		8,782,591
10	Taxes other than Income	WP-5	2,013,640	103,246	2,116,886		2,116,886
11	Interest on Customer Deposit	WP 10-1	89,818	-	89,818		89,818
12	Total Expenses (Sum of Line 2 through Line 11)		<u>19,608,176</u>	<u>3,412,943</u>	<u>23,021,119</u>	<u>-</u>	<u>23,021,119</u>
13	Net Operating Income (Loss) Before Taxes (Line 1 - Line 12)		\$ 5,102,275	\$ (2,269,733)	\$ 2,832,542	\$ 7,132,577	\$ 9,965,119
14	State Income Taxes			(130,620)	28,872	-	28,872
15	Federal Income Taxes			<u>(459,725)</u>	<u>101,617</u>	<u>-</u>	<u>101,617</u>
16	Net Operating Income After Taxes (Line 13 - Line 14 - Line 15)		<u>\$ 5,102,275</u>	<u>\$ (1,679,389)</u>	<u>\$ 2,702,053</u>	<u>\$ 7,132,577</u>	<u>\$ 9,834,629</u>

Line No.	Description	AMR Addition (b)	PVC & Steel Main Replacements (c)	Vehicle Additions (d)	Hannibal Shop (e)	Rate Case Expense (f)	Annualize EE Reg Asset Amortization (g)	Depreciation Study (h)	Merit Increases (i)	Weather Normalization (j)	Staff Annualized Revenue (k)	Dues & Memberships (l)	Staff Dues Disallowance (m)	Advertising (n)	Staff Advertising (o)	Property Taxes (p)	Pension OPEB (q)	Vacant Positions (r)	CAM Adjustment (s)	Uncollectible Expense (t)	Revenue Adjustments (u)	Health Care Adjustment (v)	ISRS Reconciliation (w)	Staff ISRS Adjustment (x)	Staff Leases Expense Adjustment (y)	Total Pro-Forma Adjustments (z) = (b) thru (y)	
1	Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,585,605	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (442,395)	\$ -	\$ 1,143,210
2	Production and Other Gas Supply Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Transmission Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Distribution Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(39,332)	(39,332)	
5	Customer Account Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	198,500	-	-	-	-	-	198,500	
6	Customer Service & Informational Expense	-	-	-	-	-	-	-	-	-	-	-	-	(1,040)	-	-	-	-	-	-	-	-	-	-	-	(1,040)	
7	Sales Expenses	-	-	-	-	-	-	-	-	-	-	-	-	(4,922)	(2,355)	-	-	-	-	-	-	-	-	-	-	(7,277)	
8	Administrative & General Expenses	-	-	-	-	-	-	-	238,135	-	-	(997)	(92)	-	-	-	278,025	59,722	(95,628)	-	-	69,944	-	-	5,416	554,525	
9	Depreciation & Amortization Expense	-	-	-	-	295,383	46,013	2,247,101	13,215	-	-	-	-	-	-	-	-	6,995	(4,384)	-	-	-	-	-	-	2,604,323	
10	Taxes other than income	71,453	2,145	-	1,404	-	-	-	28,488	-	-	-	-	-	-	-	-	11,318	(11,563)	-	-	-	-	-	-	103,246	
11	Interest on Customer Deposit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Total Operating & Maintenance Expenses (Sum of Line 2 through Line 11)	71,453	2,145	-	1,404	295,383	46,013	2,247,101	279,838	-	-	(997)	(92)	(5,962)	(2,355)	-	278,025	78,035	(111,575)	198,500	-	69,944	-	-	(33,916)	3,412,943	
13	Net Operating Income (Loss) Before Taxes (Line 1 - Line 12)	(71,453)	(2,145)	-	(1,404)	(295,383)	(46,013)	(2,247,101)	(279,838)	-	1,585,605	997	92	5,962	2,355	-	(278,025)	(78,035)	111,575	(198,500)	-	(69,944)	-	(442,395)	33,916	(2,269,733)	

Line No.	Description (a)	12/31/2017 (b)	Reference (c)
1	Rate Base	44,823,041	WP-1 Rate Base NEMO
2	Revenues	10,756,693	WP-1 Operate Income NEMO, Line 1 Column (e)
3	Expenses	<u>9,013,983</u>	WP-1 Operate Income NEMO, Line 12 Column (e)
4	Net Operating (Loss) Before Taxes	1,742,710	Line 2 - Line 3
5	State Income Tax	42,350	WP-1 Operate Income NEMO
6	Federal Income tax	<u>149,052</u>	WP-1 Operate Income NEMO
7	Net Operating Income (Loss) After Taxes	1,551,308	Line 4 - Line 5 - Line 6
8	Current Rate of Return	3.46%	(Line 7 / Line 1)
9	Rate of Return Requested	7.64%	WP-1 Rate of Return NEMO
10	Required Net Operating Income	3,424,480	(Line 9 x Line 1)
11	Income Deficiency	1,873,172	(Line 10 - Line 7)
12	Gross Revenue Conversion factor	<u>1.341351</u>	WP-1 GRCF
13	Revenue Deficiency	<u><u>2,512,581</u></u>	(Line 11 x Line 12)
14	Revenue Deficiency %	23.36%	(Line 13 / Line 2)
15	Revenue Requirement	<u><u>13,269,275</u></u>	(Line 2 + Line 13)

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Docket No. GR-2018-0013

WP-1 Rate Base - True-Up

NEMO

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Line No.	Description (a)	Reference (b)	True Up 3/31/2018 (c)	Pro Forma Adjustments (d)	Adjusted Year End Amount (e) = (c) + (d) (e)
1	Gas Plant in Service	WP 7-1	\$ 71,839,462	\$ (63,367)	71,776,096
2	Less: Accumulated Depreciation	WP 7-3	<u>(22,060,006)</u>	<u>94,739</u>	<u>(21,965,267)</u>
3	Net Plant in Service (Line 1 + Line 2)		49,779,456	31,372	49,810,828
4	Accumulated Deferred Income Taxes	WP 7-13	(4,179,451)	-	(4,179,451)
5	Customer Advances	WP 7-4	(6,279)	-	(6,279)
6	Customer Deposits	WP 7-4	(667,266)	-	(667,266)
7	Rate Base Offset	WP 7-8	(2,671,353)	-	(2,671,353)
8	Gas Storage	WP 7-5	1,603,278	-	1,603,278
9	Prepaid Expenses	WP 7-6	104,771	-	104,771
10	Regulatory Asset - Energy Efficiency	WP 7-9	90,776	(6,583)	84,193
11	Allowance for Cash Working Capital	WP 7-7	223,368	-	223,368
12	Pension & OPEB		<u>520,951</u>	<u>-</u>	<u>520,951</u>
13	Total Rate Base (Sum of Line 3 through Line 12)		<u>\$ 44,798,252</u>	<u>\$ 24,789</u>	<u>44,823,041</u>

Line No.	Description	Rate Base Offset True-up	AMR Addition	PVC & Steel Main Replacements	Hannibal Shop	Merit Increases	Vacant Positions	CAM Adjustment	EE Reg Asset Adjustment	Staff EE Reclass Adjustment	Staff Capitalized Transition Cost Adjustment	Staff Relocation Costs Adjustments Related to Prior Case	Staff Advertising Adjustments Related to Prior Case	Total Pro Forma Adjustments (n) = (b) thru (m)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1	Gas Plant in Service	\$ -	\$ -	\$ -	\$ -	\$ 82,291	\$ 54,173	\$ (33,956)	\$ -	\$ -	\$ (163,905)	\$ (1,658)	\$ (311)	\$ (63,367)
2	Less: Accumulated Depreciation	-	-	-	-	(4,115)	(2,709)	1,698	-	-	99,630	199	36	94,739
3	Net Plant in Service (Line 1 + Line 2)	-	-	-	-	78,176	51,464	(32,258)	-	-	(64,275)	(1,459)	(275)	31,372
4	Accumulated Deferred Income Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Customer Advances	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Customer Deposits	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Rate Base Offset	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Gas Storage	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Prepaid Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Regulatory Asset - Energy Efficiency	-	-	-	-	-	-	-	-	(6,583)	-	-	-	(6,583)
11	Allowance for Cash Working Capital	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Pension & OPEB	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Total Rate Base (Sum of Line 3 through Line 12)	\$ -	\$ -	\$ -	\$ -	\$ 78,176	\$ 51,464	\$ (32,258)	\$ -	\$ (6,583)	\$ (64,275)	\$ (1,459)	\$ (275)	\$ 24,789

Line No.	Description (a)	Reference (b)	Year End 12/31/2017 (c)	Pro Forma Adjustments (d)	As Adjusted Under Present Rates (e) = (c) + (d) (e)	Requested Rate Increase (f)	As Adjusted Under Proposed Rates (g) = (e) + (f) (g)
1	Revenues	WP-2	\$ 10,560,293	\$ 196,400	\$ 10,756,693	\$ 2,512,581	\$ 13,269,275
2	Production and Other Gas Supply Expenses	WP-4	-	-	-		-
3	Transmission Expenses	WP-4	-	-	-		-
4	Distribution Expenses	WP-4	813,754	(22,481)	791,273		791,273
5	Customer Account Expense	WP-4	797,498	84,707	882,205		882,205
6	Customer Service & Informational Expense	WP-4	66,881	(403)	66,478		66,478
7	Sales Expenses	WP-4	4,536	(3,961)	575		575
8	Administrative & General Expenses	WP-4	2,489,134	163,197	2,652,330		2,652,330
9	Depreciation & Amortization Expense	WP-6	2,536,196	1,081,281	3,617,477		3,617,477
10	Taxes other than Income	WP-5	938,285	32,926	971,211		971,211
11	Interest on Customer Deposit	WP 10-1	32,433	-	32,433		32,433
12	Total Expenses (Sum of Line 2 through Line 11)		<u>7,678,718</u>	<u>1,335,265</u>	<u>9,013,983</u>	<u>-</u>	<u>9,013,983</u>
13	Net Operating Income (Loss) Before Taxes (Line 1 - Line 12)		\$ 2,881,576	\$ (1,138,865)	\$ 1,742,710	\$ 2,512,581	\$ 4,255,292
14	State Income Taxes			(55,777)	42,350	141,476	183,826
15	Federal Income Taxes			<u>(196,311)</u>	<u>149,052</u>	<u>497,933</u>	<u>646,986</u>
16	Net Operating Income After Taxes (Line 13 - Line 14 - Line 15)		<u>\$ 2,881,576</u>	<u>\$ (886,777)</u>	<u>\$ 1,551,308</u>	<u>\$ 1,873,172</u>	<u>\$ 3,424,480</u>

Line No.	Description (a)	AMR Addition (b)	PVC & Steel Main Replacements (c)	Hannibal Shop (d)	Rate Case Expense (e)	Annualize EE Reg Asset Amortization (f)	Depreciation Study (g)	Merit Increases (h)	Weather Normalization (i)	Staff Annualized Revenue (j)	Dues & Memberships (k)	Staff Dues Disallowance (l)	Advertising (m)	Staff Advertising (n)	Property Taxes (o)	Pension DPFB (p)	Vacant Positions (q)	CAM Adjustment (r)	Uncollectible Expense (s)	Revenue Adjustment (t)	Health Care Adjustment (u)	ISRS Reconciliation (v)	Staff ISRS Adjustment (w)	Staff Leases Expense Adjustment (x)	Total Pro Forma Adjustments (y) = (b) thru (x) (y)
1	Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 576,715	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (380,315)	\$ -	\$ 196,400
2	Production and Other Gas Supply Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Transmission Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Distribution Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(22,481)	(22,481)
5	Customer Account Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84,707	-	-	-	-	-	84,707
6	Customer Service & Informational Expense	-	-	-	-	-	-	-	-	-	-	-	(403)	-	-	-	-	-	-	-	-	-	-	-	(403)
7	Sales Expenses	-	-	-	-	-	-	-	-	-	-	-	(3,049)	(912)	-	-	-	-	-	-	-	-	-	-	(3,961)
8	Administrative & General Expenses	-	-	-	-	-	74,147	-	-	-	(358)	(36)	-	-	-	109,570	23,126	(75,753)	-	-	27,084	-	-	5,416	163,197
9	Depreciation & Amortization Expense	-	-	-	114,372	14,032	947,751	4,115	-	-	-	-	-	-	-	-	2,709	(1,698)	-	-	-	-	-	-	1,081,281
10	Taxes other than income	22,364	382	1,404	-	-	-	8,870	-	-	-	-	-	-	-	-	4,383	(4,478)	-	-	-	-	-	-	32,926
11	Interest on Customer Deposit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Total Operating & Maintenance Expenses (Sum of Line 2 through Line 11)	\$ 22,364	\$ 382	\$ 1,404	\$ 114,372	\$ 14,032	\$ 947,751	\$ 87,132	\$ -	\$ -	\$ (358)	\$ (36)	\$ (3,452)	\$ (912)	\$ -	\$ 109,570	\$ 30,218	\$ (81,928)	\$ 84,707	\$ -	\$ 27,084	\$ -	\$ -	\$ (17,065)	\$ 1,335,265
13	Net Operating Income (Loss) Before Taxes (Line 1 - Line 12)	\$ (22,364)	\$ (382)	\$ (1,404)	\$ (114,372)	\$ (14,032)	\$ (947,751)	\$ (87,132)	\$ -	\$ 576,715	\$ 358	\$ 36	\$ 3,452	\$ 912	\$ -	\$ (109,570)	\$ (30,218)	\$ 81,928	\$ (84,707)	\$ -	\$ (27,084)	\$ -	\$ (380,315)	\$ 17,065	\$ (1,138,865)

Line No.	Description (a)	Reference (b)	Adjusted Federal (c)	Adjusted State (d)	Total Taxes (e) = (c) + (d)
1	Net Operating Income Before Tax	WP-1 Operate Income NEMO Column (g) Line 13	\$ 4,255,292	\$ 4,255,292	
2	Effective Tax Rates	WP-1 GRCF Line 1 & 3	<u>19.82%</u>	<u>5.63%</u>	
3	Tax - Subtotal	Line 1 x Line 2	843,297	239,603	
4	Interest Synchronization - Tax Impact	WP-1 Operate Income NEMO Column (d) Line 15 & 14	<u>(196,311)</u>	<u>(55,777)</u>	
5	Taxes - Total	Line 3 + Line 4	<u>\$ 646,986</u>	<u>\$ 183,826</u>	<u>\$ 830,811</u>
6	Deferred Taxes	WP-1 Rate Base NEMO Column (e) Line 4	4,179,451	-	4,179,451
7	Current Taxes	Line 5 - Line 6	<u>(3,532,465)</u>	<u>183,826</u>	<u>(3,348,639)</u>
8	Taxes - Total	Line 6 + Line 7	<u>\$ 646,986</u>	<u>\$ 183,826</u>	<u>\$ 830,811</u>

Line No.	Description (a)	Amount (b)	Source (c)
1	Rate Base	\$ 44,823,041	WP-1 Rate Base NEMO
2	Weighted Cost of Debt	<u>2.21%</u>	WP-1 Rate of Return
3	Synchronized Interest Expense	990,589	Line 1 x Line 2
4	Change in State Income Tax Expense	(55,777)	Line 3 x WP-1 GRCF Column (c), Line 1
5	Change in Federal Income Tax Expense	(196,311)	Line 3 x WP-1 GRCF Column (c), Line 3

Line No.	Description (a)	12/31/2017 (b)	Reference (c)
1	Rate Base	52,257,236	WP-1 Rate Base SEMO
2	Revenues	13,321,700	WP-1 Operate Income SEMO, Line 1 Column (e)
3	Expenses	12,106,524	WP-1 Operate Income SEMO, Line 12 Column (e)
4	Net Operating (Loss) Before Taxes	<u>1,215,176</u>	Line 2 - Line 3
5	State Income Tax	3,395	WP-1 Operate Income SEMO
6	Federal Income tax	<u>11,948</u>	WP-1 Operate Income SEMO
7	Net Operating Income (Loss) After Taxes	<u>1,199,833</u>	Line 4 - Line 5 - Line 6
8	Current Rate of Return	2.30%	(Line 7 / Line 1)
9	Rate of Return Requested	7.64%	WP-1 Rate of Return SEMO
10	Required Net Operating Income	3,992,453	(Line 9 x Line 1)
11	Income Deficiency	2,792,620	(Line 10 - Line 7)
12	Gross Revenue Conversion factor	<u>1.341351</u>	WP-1 GRCF
13	Revenue Deficiency	<u><u>3,745,884</u></u>	(Line 11 x Line 12)
14	Revenue Deficiency %	28.12%	(Line 13 / Line 2)
15	Revenue Requirement	<u><u>17,067,584</u></u>	(Line 2 + Line 13)

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Line No.	Description (a)	Reference	True Up 3/31/2018 (b)	Pro Forma Adjustments (c)	Adjusted Year End Amount (d) = (b) + (c) (d)
1	Gas Plant in Service	WP 7-1	\$ 80,776,701	\$ (38,656)	80,738,046
2	Less: Accumulated Depreciation	WP 7-3	<u>(21,682,925)</u>	<u>134,836</u>	<u>(21,548,089)</u>
3	Net Plant in Service (Line 1 + Line 2)		59,093,776	96,181	59,189,957
4	Accumulated Deferred Income Taxes	WP 7-13	(5,060,833)	-	(5,060,833)
5	Customer Advances	WP 7-4	(36,786)	-	(36,786)
6	Customer Deposits	WP 7-4	(1,034,117)	-	(1,034,117)
7	Rate Base Offset	WP 7-8	(3,905,316)	-	(3,905,316)
8	Gas Storage	WP 7-5	1,828,954	-	1,828,954
9	Prepaid Expenses	WP 7-6	140,658	-	140,658
10	Regulatory Asset - Energy Efficiency	WP 7-9	182,034	(9,117)	172,917
11	Allowance for Cash Working Capital	WP 7-7	262,399	-	262,399
12	Pension & OPEB		<u>699,404</u>	<u>-</u>	<u>699,404</u>
13	Total Rate Base (Sum of Line 3 through Line 12)		<u>\$ 52,170,172</u>	<u>\$ 87,064</u>	<u>52,257,236</u>

Line No.	Description	Rate Base Offset True-up (b)	AMR Addition (c)	Vehicles Addition (d)	PVC & Steel Main Replacement (e)	Merit Increases (f)	Vacant Positions (g)	CAM Adjustment (h)	EE Reg Asset Adjustment (i)	Staff EE Reclass Adjustment (j)	Staff Capitalized Transition Cost Adjustment (k)	Staff Relocation Costs Adjustments Related to Prior Case (l)	Staff Advertising Adjustments Related to Prior Case (m)	Staff Injuries & Damages Adjustments Related to Prior Case (n)	Total Pro Forma Adjustments (o) = (b) thru (n)
1	Gas Plant in Service	\$ -	\$ -	\$ -	\$ -	\$ 164,181	\$ 75,018	\$ (47,019)	\$ -	\$ -	\$ (219,947)	\$ (2,432)	\$ (456)	\$ (8,000)	\$ (38,656)
2	Less: Accumulated Depreciation	-	-	-	-	(8,209)	(3,751)	2,351	-	-	143,704	299	54	388	134,836
3	Net Plant in Service (Line 1 + Line 2)	-	-	-	-	155,972	71,267	(44,668)	-	-	(76,243)	(2,133)	(402)	(7,612)	96,181
4	Accumulated Deferred Income Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Customer Advances	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Customer Deposits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Rate Base Offset	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Gas Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Prepaid Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Regulatory Asset - Energy Efficiency	-	-	-	-	-	-	-	-	(9,117)	-	-	-	-	(9,117)
11	Allowance for Cash Working Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Pension & OPEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Total Rate Base (Sum of Line 3 through Line 12)	\$ -	\$ -	\$ -	\$ -	\$ 155,972	\$ 71,267	\$ (44,668)	\$ -	\$ (9,117)	\$ (76,243)	\$ (2,133)	\$ (402)	\$ (7,612)	\$ 87,064

Line No.	Description (a)	Reference (b)	Year End 12/31/2017 (c)	Pro Forma Adjustments (d)	As Adjusted Under Present Rates (e) = (c) + (d) (e)	Requested Rate Increase (f)	As Adjusted Under Proposed Rates (g) = (e) + (f) (g)
1	Revenues	WP-2	\$ 12,335,618	\$ 986,082	\$ 13,321,700	\$ 3,745,884	\$ 17,067,584
2	Production and Other Gas Supply Expenses	WP-4	-	-	-		-
3	Transmission Expenses	WP-4	-	-	-		-
4	Distribution Expenses	WP-4	1,227,762	(11,745)	1,216,017		1,216,017
5	Customer Account Expense	WP-4	1,274,957	114,422	1,389,379		1,389,379
6	Customer Service & Informational Expense	WP-4	90,688	(558)	90,130		90,130
7	Sales Expenses	WP-4	3,669	(3,115)	553		553
8	Administrative & General Expenses	WP-4	3,597,141	354,370	3,951,511		3,951,511
9	Depreciation & Amortization Expense	WP-6	3,127,802	1,308,870	4,436,672		4,436,672
10	Taxes other than Income	WP-5	910,782	61,339	972,121		972,121
11	Interest on Customer Deposit	WP 10-1	50,140	-	50,140		50,140
12	Total Expenses (Sum of Line 2 through Line 11)		<u>10,282,941</u>	<u>1,823,584</u>	<u>12,106,524</u>	<u>-</u>	<u>12,106,524</u>
13	Net Operating Income (Loss) Before Taxes (Line 1 - Line 12)		\$ 2,052,677	\$ (837,502)	\$ 1,215,176	\$ 3,745,884	\$ 4,961,060
14	State Income Taxes			(65,028)	3,395	210,919	214,314
15	Federal Income Taxes			<u>(228,870)</u>	<u>11,948</u>	<u>742,344</u>	<u>754,292</u>
16	Net Operating Income After Taxes (Line 13 - Line 14 - Line 15)		<u>\$ 2,052,677</u>	<u>\$ (543,603)</u>	<u>\$ 1,199,833</u>	<u>\$ 2,792,620</u>	<u>\$ 3,992,453</u>

Line No.	Description	AMR Addition (b)	Vehicle Addition (c)	PVC & Steel Main Replacement (d)	Rate Case Expense (e)	Annualize EE Reg Asset Amortization (f)	Depreciation Study (g)	Merit Increases (h)	Weather Normalization (i)	Staff Annualized Revenue (j)	Dues & Memberships (k)	Staff Dues Disallowance (l)	Advertising (m)	Staff Advertising (n)	Property Taxes (p)	Pension OPEB (q)	Vacant Positions (r)	CAM Adjustment (s)	Uncollectible Expense (t)	Health Care Adjustment (u)	ISRS Reconciliation (v)	Staff ISRS Adjustment (w)	Staff Leases Expense Adjustment (x)	Total Pro Forma Adjustments (y) = (b) thru (x) (y)
1	Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,008,454	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (22,372)	\$ -	\$ 986,082
2	Production and Other Gas Supply Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Transmission Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Distribution Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(11,745)	(11,745)
5	Customer Account Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114,422	-	-	-	-	114,422
6	Customer Service & Informational Expense	-	-	-	-	-	-	-	-	-	-	(558)	-	-	-	-	-	-	-	-	-	-	-	(558)
7	Sales Expenses	-	-	-	-	-	-	-	-	-	-	(1,853)	(1,263)	-	-	-	-	-	-	-	-	-	-	(3,115)
8	Administrative & General Expenses	-	-	-	-	-	147,932	-	(574)	(49)	-	-	-	147,103	32,025	(9,572)	-	-	37,506	-	-	-	-	354,370
9	Depreciation & Amortization Expense	-	-	-	158,414	28,819	1,112,028	8,209	-	-	-	-	-	-	-	-	3,751	(2,351)	-	-	-	-	-	1,308,870
10	Taxes other than income	42,396	-	1,377	-	-	-	17,697	-	-	-	-	-	-	-	-	6,069	(6,200)	-	-	-	-	-	61,339
11	Interest on Customer Deposit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Total Operating & Maintenance Expenses (Sum of Line 2 through Line 11)	\$ 42,396	\$ -	\$ 1,377	\$ 158,414	\$ 28,819	\$ 1,112,028	\$ 173,838	\$ -	\$ -	\$ (574)	\$ (49)	\$ (2,411)	\$ (1,263)	\$ -	\$ 147,103	\$ 41,845	\$ (18,423)	\$ 114,422	\$ 37,506	\$ -	\$ -	\$ (11,745)	\$ 1,823,584
13	Net Operating Income (Loss) Before Taxes (Line 1 - Line 12)	\$ (42,396)	\$ -	\$ (1,377)	\$ (158,414)	\$ (28,819)	\$ (1,112,028)	\$ (173,838)	\$ -	\$ 1,008,454	\$ 574	\$ 49	\$ 2,411	\$ 1,263	\$ -	\$ (147,103)	\$ (41,845)	\$ 18,423	\$ (114,422)	\$ (37,506)	\$ -	\$ (22,372)	\$ 11,745	\$ (837,502)

Line No.	Description (a)	Reference (b)	Adjusted Federal (c)	Adjusted State (d)	Total Taxes (e) = (c) + (d)
1	Net Operating Income Before Tax	WP-1 Operate Income SEMO Column (g) Line 13	\$ 4,961,060	\$ 4,961,060	
2	Effective Tax Rates	WP-1 GRCF Line 1 & 3	<u>19.82%</u>	<u>5.63%</u>	
3	Tax - Subtotal	Line 1 x Line 2	983,163	279,342	
4	Interest Synchronization - Tax Impact	WP-1 Operate Income SEMO Column (d) Line 15 & 14	<u>(228,870)</u>	<u>(65,028)</u>	
5	Taxes - Total	Line 3 + Line 4	<u>\$ 754,292</u>	<u>\$ 214,314</u>	<u>\$ 968,607</u>
6	Deferred Taxes	WP-1 Rate Base SEMO Column (e) Line 4	5,060,833	-	5,060,833
7	Current Taxes	Line 5 - Line 6	<u>(4,306,540)</u>	<u>214,314</u>	<u>(4,092,226)</u>
8	Taxes - Total	Line 6 + Line 7	<u>\$ 754,292</u>	<u>\$ 214,314</u>	<u>\$ 968,607</u>

Line No.	Description (a)	Amount (b)	Source (c)
1	Rate Base	\$ 52,257,236	WP-1 Rate Base SEMO
2	Weighted Cost of Debt	<u>2.21%</u>	WP-1 Rate of Return
3	Synchronized Interest Expense	1,154,885	Line 1 x Line 2
4	Change in State Income Tax Expense	(65,028)	Line 3 x WP-1 GRCF Column (c), Line 1
5	Change in Federal Income Tax Expense	(228,870)	Line 3 x WP-1 GRCF Column (c), Line 3

Line No.	Description (a)	12/31/2017 (b)	Reference (c)
1	Rate Base	7,887,128	WP-1 Rate Base WEMO
2	Revenues	1,775,268	WP-1 Operate Income WEMO, Line 1 Column (e)
3	Expenses	<u>1,900,612</u>	WP-1 Operate Income WEMO, Line 12 Column (e)
4	Net Operating (Loss) Before Taxes	(125,344)	Line 2 - Line 3
5	State Income Tax	(16,872)	WP-1 Operate Income WEMO
6	Federal Income tax	<u>(59,383)</u>	WP-1 Operate Income WEMO
7	Net Operating Income (Loss) After Taxes	(49,088)	Line 4 - Line 5 - Line 6
8	Current Rate of Return	-0.62%	(Line 7 / Line 1)
9	Rate of Return Requested	7.64%	WP-1 Rate of Return WEMO
10	Required Net Operating Income	602,577	(Line 9 x Line 1)
11	Income Deficiency	651,665	(Line 10 - Line 7)
12	Gross Revenue Conversion factor	<u>1.341351</u>	WP-1 GRCF
13	Revenue Deficiency	<u><u>874,112</u></u>	(Line 11 x Line 12)
14	Revenue Deficiency %	49.24%	(Line 13 / Line 2)
15	Revenue Requirement	<u><u>2,649,379</u></u>	(Line 2 + Line 13)

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Line No.	Description (a)	Reference	True Up 3/31/2018 (b)	Pro Forma Adjustments (c)	Adjusted Year End Amount (d) = (b) + (c) (d)
1	Gas Plant in Service	WP 7-1	\$ 13,360,537	\$ (15,458)	13,345,080
2	Less: Accumulated Depreciation	WP 7-3	<u>(4,658,912)</u>	<u>18,060</u>	<u>(4,640,852)</u>
3	Net Plant in Service (Line 1 + Line 2)		8,701,625	2,602	8,704,227
4	Accumulated Deferred Income Taxes	WP 7-13	(731,536)	-	(731,536)
5	Customer Advances	WP 7-4	-	-	-
6	Customer Deposits	WP 7-4	(154,472)	-	(154,472)
7	Rate Base Offset	WP 7-8	(486,664)	-	(486,664)
8	Gas Storage	WP 7-5	362,551	-	362,551
9	Prepaid Expenses	WP 7-6	20,418	-	20,418
10	Regulatory Asset - Energy Efficiency	WP 7-9	20,268	(1,300)	18,968
11	Allowance for Cash Working Capital	WP 7-7	52,116	-	52,116
12	Pension & OPEB		<u>101,520</u>	<u>-</u>	<u>101,520</u>
13	Total Rate Base (Sum of Line 3 through Line 12)		<u>\$ 7,885,825</u>	<u>\$ 1,302</u>	<u>7,887,128</u>

Line No.	Description (a)	Rate Base Offset True-up (b)	PVC Main Replacement (c)	AMR Addition (d)	Vehicles Addition (e)	Merit Increases (f)	Vacant Positions (g)	CAM Adjustment (h)	EE Reg Asset Adjustment (i)	Staff EE Recl Adjustment (j)	Staff Capitalized Transition Cost Adjustment (k)	Staff Relocation Costs Adjustments Related to Prior Case (l)	Staff Advertising Adjustments Related to Prior Case (m)	Total Pro Forma Adjustments (n) = (b) thru (m) (n)
1	Gas Plant in Service	\$ -	\$ -	\$ -	\$ -	\$ 17,820	\$ 10,708	\$ (6,711)	\$ -	\$ -	\$ (36,915)	\$ (302)	\$ (57)	\$ (15,458)
2	Less: Accumulated Depreciation	-	-	-	-	(891)	(535)	336	-	-	19,105	39	7	18,060
3	Net Plant in Service (Line 1 + Line 2)	-	-	-	-	16,929	10,172	(6,376)	-	-	(17,810)	(263)	(50)	2,602
4	Accumulated Deferred Income Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Customer Advances	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Customer Deposits	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Rate Base Offset	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Gas Storage	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Prepaid Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Regulatory Asset - Energy Efficiency	-	-	-	-	-	-	-	-	(1,300)	-	-	-	(1,300)
11	Allowance for Cash Working Capital	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Pension & OPEB	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Total Rate Base (Sum of Line 3 through Line 12)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 16,929</u>	<u>\$ 10,172</u>	<u>\$ (6,376)</u>	<u>\$ -</u>	<u>\$ (1,300)</u>	<u>\$ (17,810)</u>	<u>\$ (263)</u>	<u>\$ (50)</u>	<u>\$ 1,302</u>

Line No.	Description (a)	Reference (b)	Year End 12/31/2017 (c)	Pro Forma Adjustments (d)	As Adjusted Under Present Rates (e) = (c) + (d) (e)	Requested Rate Increase (f)	As Adjusted Under Proposed Rates (g) = (e) + (f) (g)
1	Revenues	WP-2	\$ 1,814,540	\$ (39,272)	\$ 1,775,268	\$ 874,112	\$ 2,649,379
2	Production and Other Gas Supply Expenses	WP-4	-	-	-		-
3	Transmission Expenses	WP-4	-	-	-		-
4	Distribution Expenses	WP-4	216,988	(5,106)	211,882		211,882
5	Customer Account Expense	WP-4	206,126	(629)	205,497		205,497
6	Customer Service & Informational Expense	WP-4	13,820	(80)	13,741		13,741
7	Sales Expenses	WP-4	280	(201)	79		79
8	Administrative & General Expenses	WP-4	523,215	36,957	560,172		560,172
9	Depreciation & Amortization Expense	WP-6	514,271	214,171	728,442		728,442
10	Taxes other than Income	WP-5	164,573	8,981	173,554		173,554
11	Interest on Customer Deposit	WP 10-1	7,245	-	7,245		7,245
12	Total Expenses (Sum of Line 2 through Line 11)		<u>1,646,517</u>	<u>254,094</u>	<u>1,900,612</u>	<u>-</u>	<u>1,900,612</u>
13	Net Operating Income (Loss) Before Taxes (Line 1 - Line 12)		\$ 168,022	\$ (293,366)	\$ (125,344)	\$ 874,112	\$ 748,767
14	State Income Taxes			(9,815)	(16,872)	49,219	32,346
15	Federal Income Taxes			<u>(34,543)</u>	<u>(59,383)</u>	<u>173,228</u>	<u>113,845</u>
16	Net Operating Income After Taxes (Line 13 - Line 14 - Line 15)		<u>\$ 168,022</u>	<u>\$ (249,009)</u>	<u>\$ (49,088)</u>	<u>\$ 651,665</u>	<u>\$ 602,577</u>

Line No.	Description	AMR Addition	PVC & Steel Main Replacement	Vehicle Addition	Rate Case Expense	Annualize EE Reg Asset Amortization	Depreciation Study	Merit Increases	Weather Normalization	Staff Annualized Revenue	Dues & Memberships	Staff Dues Disallowance	Advertising	Staff Advertising	Property Taxes	Pension OPEB	Vacant Positions	CAM Adjustment	Uncollectible Expense	Health Care Adjustment	ISRS Reconciliation	Staff ISRS Adjustment	Staff Leases Expense Adjustment	Total Pro Forma Adjustments (x) = (b) thru (w)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)
1	Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 436	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (39,708)	\$ -	\$ (39,272)
2	Production and Other Gas Supply Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Transmission Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Distribution Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(5,106)	(5,106)
5	Customer Account Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(629)	-	-	-	-	(629)
6	Customer Service & Informational Expense	-	-	-	-	-	-	-	-	-	-	-	(80)	-	-	-	-	-	-	-	-	-	-	(80)
7	Sales Expenses	-	-	-	-	-	-	-	-	-	-	-	(21)	(180)	-	-	-	-	-	-	-	-	-	(201)
8	Administrative & General Expenses	-	-	-	-	-	-	16,056	-	-	(65)	(7)	-	-	-	21,352	4,571	(10,303)	-	5,353	-	-	-	36,957
9	Depreciation & Amortization Expense	-	-	-	22,597	3,161	187,322	891	-	-	-	-	-	-	-	-	535	(336)	-	-	-	-	-	214,171
10	Taxes other than Income	6,693	386	-	-	-	-	1,921	-	-	-	-	-	-	-	-	866	(885)	-	-	-	-	-	8,981
11	Interest on Customer Deposit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Total Operating & Maintenance Expenses (Sum of Line 2 through Line 11)	\$ 6,693	\$ 386	\$ -	\$ 22,597	\$ 3,161	\$ 187,322	\$ 18,868	\$ -	\$ -	\$ (65)	\$ (7)	\$ (100)	\$ (180)	\$ -	\$ 21,352	\$ 5,972	\$ (11,524)	\$ (629)	\$ 5,353	\$ -	\$ -	\$ (5,106)	\$ 254,094
13	Net Operating Income (Loss) Before Taxes (Line 1 - Line 12)	\$ (6,693)	\$ (386)	\$ -	\$ (22,597)	\$ (3,161)	\$ (187,322)	\$ (18,868)	\$ -	\$ 436	\$ 65	\$ 7	\$ 100	\$ 180	\$ -	\$ (21,352)	\$ (5,972)	\$ 11,524	\$ 629	\$ (5,353)	\$ -	\$ (39,708)	\$ 5,106	\$ (293,366)

Line No.	Description (a)	Reference (b)	Adjusted Federal (c)	Adjusted State (d)	Total Taxes (e) = (c) + (d)
1	Net Operating Income Before Tax	WP-1 Operate Income WEMO Column (g) Line 13	\$ 748,767	\$ 748,767	
2	Effective Tax Rates	WP-1 GRCF Line 1 & 3	<u>19.82%</u>	<u>5.63%</u>	
3	Tax - Subtotal	Line 1 x Line 2	148,388	42,161	
4	Interest Synchronization - Tax Impact	WP-1 Operate Income WEMO Column (d) Line 15 & 14	<u>(34,543)</u>	<u>(9,815)</u>	
5	Taxes - Total	Line 3 + Line 4	<u>\$ 113,845</u>	<u>\$ 32,346</u>	<u>\$ 146,191</u>
6	Deferred Taxes	WP-1 Rate Base WEMO Column (e) Line 4	731,536	-	731,536
7	Current Taxes	Line 5 - Line 6	<u>(617,691)</u>	<u>32,346</u>	<u>(585,345)</u>
8	Taxes - Total	Line 6 + Line 7	<u>\$ 113,845</u>	<u>\$ 32,346</u>	<u>\$ 146,191</u>

Line No.	Description (a)	Amount (b)	Source (c)
1	Rate Base	\$ 7,887,128	WP-1 Rate Base WEMO
2	Weighted Cost of Debt	<u>2.21%</u>	WP-1 Rate of Return
3	Synchronized Interest Expense	174,306	Line 1 x Line 2
4	Change in State Income Tax Expense	(9,815)	Line 3 x WP-1 GRCF Column (c), Line 1
5	Change in Federal Income Tax Expense	(34,543)	Line 3 x WP-1 GRCF Column (c), Line 3

Liberty Utilities (Midstates Natural Gas) Corp.

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WP-1 Rate of Return - True-Up

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Line No.	Description (a)	Percentage (b)	Cost Rate (c)	Rate of Return (d) = (b) x (c) (d)
1	Long Term Debt	47%	4.70%	2.21%
2	Common Equity	53%	10.25%	5.43%
3	Total	<u>100%</u>		<u>7.64%</u>

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WP-1 Gross Revenue Conversion Factor - True-Up
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Line No.	Description	Rate	Factor
	(a)	(b)	(c)
1	State Income Tax	5.63%	5.63%
2	Federal Taxable Income		94.37%
3	Federal Income Tax	21.00%	19.82%
4	Operating Income		74.55%
5	Gross Revenue Conversion Factor		1.341351

Liberty Utilities (Midstates Natural Gas) Corp.

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WP 2 2017 Calendar Year Revenues (12.31 Update)

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Line No.	Description	Reference	NEMO	SEMO	WEMO	Total
1	Residential	WP 2-1 Revenue Detail	(6,835,554)	(6,988,839)	(1,182,853)	(15,007,246)
2	Commercial	WP 2-1 Revenue Detail	(2,479,592)	(2,522,281)	(452,629)	(5,454,502)
3	Industrial	WP 2-1 Revenue Detail	(212,477)	(446,108)	(4,965)	(663,551)
4	Transportation	WP 2-1 Revenue Detail	(859,055)	(2,147,228)	(141,503)	(3,147,786)
5	Total Margin Revenue		<u>(10,386,679)</u>	<u>(12,104,456)</u>	<u>(1,781,949)</u>	<u>(24,273,084)</u>
6	Misc Service Revenue	WP 2-1 Revenue Detail	(138,941)	(183,083)	(29,357)	(351,381)
7	Other Gas Revenues	WP 2-1 Revenue Detail	(34,673)	(48,079)	(3,233)	(85,986)
8	Total Other Revenue		<u>(173,615)</u>	<u>(231,162)</u>	<u>(32,590)</u>	<u>(437,367)</u>
9	Total Revenues		<u>(10,560,293)</u>	<u>(12,335,618)</u>	<u>(1,814,540)</u>	<u>(24,710,451)</u>
			WP -1 Operate Income NEMO	WP -1 Operate Income SEMO	WP -1 Operate Income WEMO	

Liberty (Midstates Natural Gas) Corp.
d/b/a Liberty Utilities

Docket No. GR-2018-0013

WP-4 Operation and Maintenance Expenses (12.31 Update)

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For Twelve Months Ending December 31, 2017

Line No.	Description (a)	Reference (b)	NEMO 8854 (g)	SEMO 8853 (h)	WEMO 8852 (i)	Total Missouri (j)
1	Total Production Expenses	WP 4-1 O&M Expenses Detail	-	-	-	-
2	Total Storage Expenses	WP 4-1 O&M Expenses Detail	-	-	-	-
3	Total Transmission Expenses	WP 4-1 O&M Expenses Detail	-	-	-	-
4	Total Distribution Expenses	WP 4-1 O&M Expenses Detail	813,754	1,227,762	216,988	2,258,504
5	Total Customer Accounts Expenses	WP 4-1 O&M Expenses Detail	797,498	1,274,957	206,126	2,278,581
6	Total Customer Services Expenses	WP 4-1 O&M Expenses Detail	66,881	90,688	13,820	171,390
7	Total Sales Promotion Expenses	WP 4-1 O&M Expenses Detail	4,536	3,669	280	8,485
8	Total Administrative and General Expenses	WP 4-1 O&M Expenses Detail	2,489,134	3,597,141	523,215	6,609,489
9	Total Operation and Maintenance Expenses		<u>4,171,804</u>	<u>6,194,217</u>	<u>960,429</u>	<u>11,326,449</u>

Liberty Utilities (Midstates Natural Gas) Corp.
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WP-5 Taxes Other Than Income Taxes (Updated as of 12/31/17)

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Line No.	Description (a)	Reference (b)	NEMO 8854 (c)	SEMO 8853 (d)	WEMO 8852 (e)	Total Missouri (f)
<u>Taxes Other Than Income Taxes - FERC Account 408.1</u>						
1	Social Security Taxes/Employee Benefit (FICA)	WP 5-1	\$ 107,581	\$ 148,977	\$ 21,264	\$ 277,822
2	Federal Unemployment	WP 5-1	934	1,293	185	2,411
3	State Unemployment	WP 5-1	2,844	3,939	562	7,345
4	Allocated Taxes Other	WP 5-1	22,606	33,038	4,675	60,319
5	Ad Valorem	WP 5-1	804,320	723,536	137,886	1,665,742
6	Total Balance as of 12/31/2017		<u>\$ 938,285</u>	<u>\$ 910,782</u>	<u>\$ 164,573</u>	<u>\$ 2,013,640</u>
			WP - 1 Revenue Requirement NEMO	WP - 1 Revenue Requirement SEMO	WP - 1 Revenue Requirement WEMO	

Line No.	FERC Account	Description (a)	Reference	NEMO (b)	Reference	SEMO (c)	Reference	WEMO (d)	Missouri Total (e)
Depreciation:									
1	403.0	Depreciation Expense	WP 6-3 Nemo Depr	\$ 2,671,811	WP 6-2 SEMO Depr	\$ 3,360,476	WP 6-4 WEMO Depr	\$ 539,157	\$ 6,571,445
2	403.5	Capitalized Depreciation	WP 6-3 Nemo Depr	(149,193)	WP 6-2 SEMO Depr	(232,674)	WP 6-4 WEMO Depr	(24,887)	(406,754)
3	403.0	Depreciation Expense for reclassified Plant	WP 6-6 NEMO Reclass Plant	17,925		-		-	17,925
4	403.5	Capitalized Depreciation for reclassified Plant	WP 6-6 NEMO Reclass Plant	(4,348)		-		-	(4,348)
		Total Depreciation Expense:		<u>2,536,196</u>		<u>3,127,802</u>		<u>514,271</u>	<u>6,178,268</u>
Amortization:									
5	407.3	Amortization Expense - Regulatory Asset	WP 6-7 Amortization Expense	-	WP 6-7 Amortization Expense	-	WP 6-7 Amortization Expense	-	-
6		Depreciation & Amortization Expense for Twelve Months Ending 12/31/2017		<u>\$ 2,536,196</u>		<u>\$ 3,127,802</u>		<u>\$ 514,271</u>	<u>\$ 6,178,268</u>
				WP-1 Operate Income NEMO		WP-1 Operate Income SEMO		WP-1 Operate Income WEMO	

Line No.	Account	Description (a)	Reference (b)	8850 - Mid States	Composite	Depreciation		Expensed (g)
				Balance (c)	Rate ⁽¹⁾ (d)	Expense (e)	Capitalized (f)	
1	374.0	Land & Land Rights	WP 7-2 SS Plant	158,767	0.00%	0		0
2	390.0	Structures & Improvements	WP 7-2 SS Plant	6,571,914	5.00%	328,596	(156,145)	172,450
3	391.0	Office Furniture & Equipment	WP 7-2 SS Plant	821,765	4.75%	39,034		39,034
4	392.1	Transportation Equip<12	WP 7-2 SS Plant	692,990	10.39%	72,002	(33,569)	38,433
5	394.0	Tools, Shop, & Garage Equip.	WP 7-2 SS Plant	102,736	4.50%	4,623		4,623
6	398.0	Miscellaneous Equipment	WP 7-2 SS Plant	157,495	3.60%	5,670		5,670
7	399.0	OTH-Other Tangible Property	WP 7-2 SS Plant	249,555	14.29%	35,661		35,661
8	399.1	OTH-Oth Tang Prop - Servers - H/W	WP 7-2 SS Plant	30,326	18.98%	5,756		5,756
9	399.3	OTH-Oth Tang Prop - Network - H/W	WP 7-2 SS Plant	348,710	18.98%	66,185		66,185
10	399.4	OTH-Oth Tang Prop - PC Hardware	WP 7-2 SS Plant	2,878,456	18.98%	546,331		546,331
11	399.5	OTH-Oth Tang Prop - PC Software	WP 7-2 SS Plant	17,418,048	14.22%	2,477,583		2,477,583
12		Total		<u>\$ 29,430,762</u>		<u>\$ 3,581,441</u>	<u>\$ (189,714)</u>	<u>\$ 3,391,727</u>
13								
14								
15								
16		Shared Service Depreciation Expense				\$ 3,581,441	\$ (189,714)	\$ 3,391,727
17		MidStates Allocated to Service Area	WP - AS 2017 Four Factor	NEMO	25.50%	\$ 913,173	\$ (48,372)	\$ 864,801
18		MidStates Allocated to Service Area	WP - AS 2017 Four Factor	WEMO	5.04%	\$ 180,496	\$ (9,561)	\$ 170,935
19		MidStates Allocated to Service Area	WP - AS 2017 Four Factor	SEMO	35.31%	\$ 1,264,558	\$ (66,985)	\$ 1,197,572
20					65.85%	<u>\$ 2,358,226</u>	<u>\$ (124,919)</u>	<u>\$ 2,233,308</u>

Line No.	Description (a)	NEMO (b)	SEMO (c)	WEMO (d)	Missouri Total (e)	Reference (f)
<u>GROSS PLANT</u>						
1	Missouri Direct	64,228,513	70,558,815	11,877,317	146,664,645	WP 7-2
2						
3						
4	MidStates - Shared Services	7,610,950	10,217,886	1,483,220	19,312,056	WP 7-2 SS Plant
5						
6						
7	Total Gross Plant	<u>\$ 71,839,462</u>	<u>\$ 80,776,701</u>	<u>\$ 13,360,537</u>	<u>\$ 165,976,701</u>	
		WP -1 Revenue Requirement Model	WP -1 Revenue Requirement Model	WP -1 Revenue Requirement Model		

Line No.	FERC Acct (a)	Description (b)	MidStates Shared Service (c)	Reference (d)	NEMO (e)	Reference (f)	SEMO (g)	Reference (h)	WEMO (i)	Missouri Total (j)
					25.87%		34.73%		5.04%	
1	108.0	Accumulated Depreciation as of 3/31/2018		TB 3-31-18	(\$19,434,690)	TB 3-31-18	(\$19,904,661)	TB 3-31-18	(\$4,346,751)	(\$43,686,103)
2	108.2	RWIP Salvage		TB 3-31-18	(\$81,388)	TB 3-31-18	(54,764)	TB 3-31-18	(32,700)	(\$168,853)
3	108.4	Accumulated Depreciation COR		TB 3-31-18	\$5,161,876	TB 3-31-18	2,915,595	TB 3-31-18	929,900	\$9,007,370
4	108.5	Accumulated Depreciation Retirements NBV		TB 3-31-18	76,239	TB 3-31-18	1,307,304	TB 3-31-18	81,075	\$1,464,618
		Total Accumulated Depreciation:		WP 7-3 NEMO Detail	(14,277,964)	WP 7-3 SEMO Detail	(15,736,526)	WP 7-3 WEMO Detail	(3,368,477)	(33,382,967)
5	242.0	Accrued Cost of Removal		TB 3-31-18	(4,349,959)	TB 3-31-18	(1,338,742)	TB 3-31-18	(621,591)	(6,310,292)
6		Total Direct Accumulated Depreciation			\$ (18,627,922)		\$ (17,075,268)		\$ (3,990,069)	\$ (39,693,259)
7		Midstates Shared Services Accumulated Depreciation as of 3/31/18	(13,266,257)	WP 7-3 SS Detail	(3,432,084)		(4,607,657)		(668,844)	(8,708,585)
8		Accumulated Depreciation for Twelve Months Ended March 31, 2018			<u>\$ (22,060,006)</u>		<u>\$ (21,682,925)</u>		<u>\$ (4,658,912)</u>	<u>\$ (48,401,844)</u>
					WP-1 Revenue Requirement NEMO		WP-1 Revenue Requirement SEMO		WP-1 Revenue Requirement WEMO	

Liberty Utilities (Midstates Natural Gas) Corp.
d/b/a Liberty Utilities

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WP 7-4 Customer Advances and Deposits (True Up Period as of 3/31/18)

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Line No.	Description (a)	NEMO (b)	SEMO (c)	WEMO (d)	MO Total (e)	Reference (f)
1	Customer Advances	\$ (6,279)	\$ (36,786)	-	\$ (43,066)	WP 7-4-1 Customer Advances 3.31 Update
2	Customer Deposits	(667,266)	(1,034,117)	(154,472)	(1,855,855)	WP 7-4-2 Customer Deposits 3.31 Update
3	Total	<u>\$ (673,545)</u>	<u>\$ (1,070,904)</u>	<u>\$ (154,472)</u>	<u>\$ (1,898,920)</u>	
	W/P Reference	WP-1 Revenue Requirement NEMO	WP-1 Revenue Requirement SEMO	WP-1 Revenue Requirement WEMO		

Line No.	FERC Account 252 (a)	W/P Reference (b)	NEMO (c)	W/P Reference (d)	SEMO (e)	W/P Reference (f)	WEMO (g)	MO Total (h)	W/P Reference (i)
1	June-16	WP 7-4-1 - NEMO Test Year ↓	\$ -	WP 7-4-1 - SEMO Test Year ↓	\$ (64,996)	WP 7-4-1 - WEMO Test Year ↓	\$ -	\$ (64,996)	XF
2	July-16		-		(64,996)		-	(64,996)	XF
3	August-16		-		(64,996)		-	(64,996)	XF
4	September-16		-		(27,794)		-	(27,794)	XF
5	October-16		-		(27,794)		-	(27,794)	XF
6	November-16		-		(26,058)		-	(26,058)	XF
7	December-16		-		(24,472)		-	(24,472)	XF
8	January-17		-		(24,472)		-	(24,472)	XF
9	February-17		-		(24,472)		-	(24,472)	XF
10	March-17		-		(24,472)		-	(24,472)	XF
11	April-17		-		(24,472)		-	(24,472)	XF
12	May-17		-		(24,472)		-	(24,472)	XF
13	June-17		(3,687)		(24,472)		-	(28,159)	XF
14	July-17	(3,687)	(24,472)	-	(28,159)	XF			
15	August-17	(3,687)	(24,472)	-	(28,159)	XF			
16	September-17	WP NEMO Update Period ↓	(8,847)	WP SEMO Update Period ↓	(47,341)	WP WEMO Update Period ↓	-	(56,188)	XF; Trial Balance 9-30-17
17	October-17		(8,847)		(47,341)		-	(56,188)	XF
18	November-17		(8,847)		(47,341)		-	(56,188)	XF
19	December-17	WP 7-4-1 True Up Period ↓	(11,007)	WP 7-4-1 True Up Period ↓	(47,341)	WP 7-4-1 True Up Period ↓	-	(58,348)	XF; Trial Balance 12-31-17
20	January-18		(11,007)		(47,341)		-	(58,348)	XF
21	February-18		(11,007)		(47,341)		-	(58,348)	XF
22	March-18		(11,007)		(47,341)		-	(58,348)	XF; TB 3-31-18
23	13 Month Average as of 3/31/18	WP 7-4 Customer Advances and Deposits 3.31 Update	<u>\$ (6,279)</u> @	WP 7-4 Customer Advances and Deposits 3.31 Update	<u>\$ (36,786)</u> @	WP 7-4 Customer Advances and Deposits 3.31 Update	<u>\$ -</u> @	<u>\$ (43,066)</u> @	WP 7-4 Customer Advances and Deposits 3.31 Update

@ Recalculated Average
XF Cross Footed

Line No.	FERC Account 235 (a)	W/P Reference (b)	NEMO (c)	W/P Reference (d)	SEMO (e)	W/P Reference (f)	WEMO (g)	MO Total (h)	W/P Reference (i)
1	June-16	WP 7-4-2 NEMO Test Year	\$ (725,294)	WP 7-4-2 SEMO Test Year	\$ (1,183,818)	WP 7-4-2 WEMO Test Year	\$ (153,149)	\$ (2,062,261)	XF
2	July-16	↓	(704,860)	↓	(1,169,097)	↓	(150,434)	(2,024,391)	XF
3	August-16	↓	(696,234)	↓	(1,163,933)	↓	(146,149)	(2,006,316)	XF
4	September-16	↓	(692,334)	↓	(1,140,408)	↓	(149,201)	(1,981,943)	XF
5	October-16	↓	(711,581)	↓	(1,137,911)	↓	(152,631)	(2,002,123)	XF
6	November-16	↓	(733,496)	↓	(1,127,361)	↓	(152,755)	(2,013,613)	XF
7	December-16	↓	(733,606)	↓	(1,118,696)	↓	(152,447)	(2,004,748)	XF
8	January-17	↓	(712,470)	↓	(1,103,960)	↓	(150,659)	(1,967,089)	XF
9	February-17	↓	(714,462)	↓	(1,092,928)	↓	(149,503)	(1,956,893)	XF
10	March-17	↓	(702,428)	↓	(1,078,124)	↓	(146,874)	(1,927,427)	XF
11	April-17	↓	(687,187)	↓	(1,063,726)	↓	(146,469)	(1,897,383)	XF
12	May-17	↓	(675,897)	↓	(1,057,819)	↓	(145,110)	(1,878,826)	XF
13	June-17	↓	(667,517)	↓	(1,041,166)	↓	(143,724)	(1,852,407)	XF; WP - TB MO Gas 6-30-17
14	July-17	WP 7-4-2 NEMO Update Period	(658,985)	WP 7-4-2 SEMO Update Period	(1,027,645)	WP 7-4-2 WEMO Update Period	(142,298)	(1,828,928)	XF
15	August-17	↓	(654,415)	↓	(1,023,044)	↓	(159,234)	(1,836,693)	XF; Trial Balance 9-30-17
16	September-17	↓	(646,664)	↓	(1,021,529)	↓	(157,925)	(1,826,118)	XF; Trial Balance 9-30-17
17	October-17	↓	(677,843)	↓	(1,034,158)	↓	(162,287)	(1,874,288)	XF; Trial Balance 12-31-17
18	November-17	↓	(675,888)	↓	(1,030,526)	↓	(163,091)	(1,869,504)	XF; Trial Balance 12-31-17
19	December-17	↓	(669,063)	↓	(1,029,187)	↓	(163,314)	(1,861,564)	XF; Trial Balance 12-31-17
20	January-18	WP 7-4-2 NEMO True Up Period	(661,410)	WP 7-4-2 SEMO True Up Period	(1,021,208)	WP 7-4-2 WEMO True Up Period	(159,632)	(1,842,250)	XF
21	February-18	↓	(652,534)	↓	(1,011,228)	↓	(159,515)	(1,823,277)	XF
22	March-18	↓	(644,619)	↓	(1,004,165)	↓	(158,663)	(1,807,447)	XF; TB 3-31-18
23	13 Month Average as of 3/31/18	WP 7-4 Customer Advances and Deposits 3.31 Update	<u>\$ (667,266)</u>	WP 7-4 Customer Advances and Deposits 3.31 Update	<u>\$ (1,034,117)</u>	WP 7-4 Customer Advances and Deposits 3.31 Update	<u>\$ (154,472)</u>	<u>\$ (1,855,855)</u>	WP 7-4 Customer Advances and Deposits 3.31 Update
			@		@		@	@	

XF Cross Footed
@ Recalculated Average

Line No.	FERC Account 164 (a)	NEMO (b)	W/P Reference	SEMO (c)	W/P Reference	WEMO (d)	W/P Reference	MO Total (e)	W/P Reference
1	June-16	\$ 1,319,600	WP 7-5-1 NEMO Test Year	\$ 1,421,801	WP 7-5-1 SEMO Test Year	\$ 233,552	WP 7-5-1 WEMO Test Year	\$ 2,974,953	XF
2	July-16	1,454,069		1,613,999		282,300		3,350,368	XF
3	August-16	1,766,719		1,933,651		358,723		4,059,093	XF
4	September-16	2,030,295		2,169,745		420,952		4,620,992	XF
5	October-16	2,308,710		2,527,055		496,391		5,332,156	XF
6	November-16	2,349,528		2,428,433		480,596		5,258,557	XF
7	December-16	1,676,869		2,182,876		326,767		4,186,512	XF
8	January-17	1,142,730		1,799,479		198,717		3,140,927	XF
9	February-17	962,879		1,703,119		128,860		2,794,858	XF
10	March-17	735,244		1,262,995		116,191		2,114,430	XF
11	April-17	1,034,818		1,466,502		206,784		2,708,103	XF
12	May-17	1,356,616		1,693,486		303,723		3,353,825	XF
13	June-17	1,690,217		1,970,126		373,445		4,033,787	XF; WP - TB MO Gas 6-30-17
14	July-17	2,045,283	WP 7-5-1 NEMO Update Period	2,255,696	WP 7-5-1 SEMO Update Period	445,857	WP 7-5-1 WEMO Update Period	4,746,835	XF
15	August-17	2,320,027		2,447,370		493,916		5,261,312	XF
16	September-17	2,566,202		2,615,453		549,661		5,731,316	XF; Trial Balance 9-30-17
17	October-17	2,715,920		2,822,618		595,881		6,134,419	XF
18	November-17	2,451,911		2,526,204		549,382		5,527,498	XF
19	December-17	1,961,607		2,138,855		433,891		4,534,352	XF; Trial Balance 12-31-17
20	January-18	1,162,227	WP 7-5-1 NEMO True Up Period	1,376,457	WP 7-5-1 SEMO True Up Period	332,552	WP 7-5-1 WEMO True Up Period	2,871,235	XF
21	February-18	573,797		941,234		217,359		1,732,390	XF
22	March-18	228,749		259,410		94,516		582,675	XF; TB 3-31-18
23	13 Month Average as of 3/31/18	\$ 1,603,278		\$ 1,828,954		\$ 362,551		\$ 3,794,783	
		@		@		@		@	

@ Recalculated Average
XF Cross Footed

Missouri Midstates Direct Balances									
Line No.	FERC Account 165	W/P Reference	WEMO (8852)	W/P Reference	SEMO (8853)	W/P Reference	NEMO (8854)	MO Direct Total	W/P Reference
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1		2018 Four Factor - Gas	7.68%	2018 Four Factor - Gas	52.91%	2018 Four Factor - Gas	39.41%		
2	Jun-16	WP 7-6 SEMO Test Year	\$ 25	WP 7-6 SEMO Test Year	\$ 174	WP 7-6 SEMO Test Year	\$ 130	\$ 329	XF
3	Jul-16		1,659		11,432		8,515	21,606	XF
4	Aug-16		842		5,803		4,322	10,968	XF
5	Sep-16		2,476		17,061		12,708	32,245	XF
6	Oct-16		1,659		11,432		8,515	21,606	XF
7	Nov-16		842		5,803		4,322	10,968	XF
8	Dec-16		25		174		130	329	XF
9	Jan-17		1,659		11,432		8,515	21,606	XF
10	Feb-17		842		5,803		4,322	10,968	XF
11	Mar-17		0		0		0	0	XF
12	Apr-17		1,634		11,258		8,385	21,277	XF
13	May-17		817		5,629		4,193	10,639	XF
14	Jun-17		1,334		9,191		6,846	17,370	WP 7-6 SEMO Test Year
15	Jul-17	WP 7-6 SEMO Update Period	2,780	WP 7-6 SEMO Update Period	19,152	WP 7-6 SEMO Update Period	14,265	36,198	WP 7-6 SEMO Update Period
16	Aug-17		1,724		11,874		8,844	22,441	
17	Sep-17		667		4,595		3,423	8,685	
18	Oct-17		2,113		14,557		10,843	27,512	
19	Nov-17		1,056		7,278		5,421	13,756	
20	Dec-17		-		-		-	-	
21	Jan-18	WP 7-6 SEMO True Up Period	1,668	WP 7-6 SEMO True Up Period	11,493	WP 7-6 SEMO True Up Period	8,561	21,722	XF
22	Feb-18		1,724		11,874		8,844	22,441	XF
23	Mar-18		667		4,595		3,423	8,685	XF; TB 3-31-18
24	13 Month Average as of 3/31/18		\$ 1,245		\$ 8,577		\$ 6,388	\$ 16,210	XF

Missouri Shared Services Allocation									
Line No.	FERC Account 165	W/P Reference	Shared Services	W/P Reference	WEMO (8852) Allocation	W/P Reference	SEMO (8853) Allocation	W/P Reference	NEMO (8854) Allocation
25				WP 2017 Four Factor	5.04%	WP 2017 Four Factor	34.73%	WP 2017 Four Factor	25.87%
26	Jun-16	WP 7-6 SS Test Year	\$ 587,800	@	\$ 29,635	@	\$ 204,155	@	\$ 152,068
27	Jul-16		400,016	@	20,168	@	138,934	@	103,487
28	Aug-16		506,684	@	25,545	@	175,982	@	131,083
29	Sep-16		414,821	@	20,914	@	144,076	@	107,317
30	Oct-16		323,591	@	16,314	@	112,390	@	83,716
31	Nov-16		324,601	@	16,365	@	112,741	@	83,977
32	Dec-16		301,942	@	15,223	@	104,871	@	78,115
33	Jan-17		385,984	@	19,460	@	134,061	@	99,857
34	Feb-17		357,197	@	18,009	@	124,062	@	92,410
35	Mar-17		275,841	@	13,907	@	95,806	@	71,362
36	Apr-17		272,034	@	13,715	@	94,483	@	70,377
37	May-17		223,766	@	11,282	@	77,719	@	57,890
38	Jun-17	WP 7-6 SS Update Period	348,723	@	17,582	@	121,119	@	90,217
39	Jul-17		299,212	@	15,085	@	103,923	@	77,408
40	Aug-17		620,098	@	31,263	@	215,373	@	160,424
41	Sep-17		553,302	@	27,896	@	192,174	@	143,144
42	Oct-17		465,736	@	23,481	@	161,760	@	120,490
43	Nov-17		380,362	@	19,177	@	132,108	@	98,403
44	Dec-17		380,578	@	19,188	@	132,183	@	98,458
45	Jan-18	WP 7-6 SS True Up Period	422,303	@	21,291	@	146,675	@	109,253
46	Feb-18		398,330	@	20,083	@	138,349	@	103,051
47	Mar-18		303,432	@	15,298	@	105,388	@	78,500
48	13 Month Average as of 3/31/18		\$ 380,286		\$ 19,173		\$ 132,081		\$ 98,383

Missouri Combined Total									
Line No.	FERC Account 165	W/P Reference	WEMO (8852) Combined Total	W/P Reference	SEMO (8853) Combined Total	W/P Reference	NEMO (8854) Combined Total	W/P Reference	Total Company
49	Jun-16	^	\$ 29,660	^	\$ 204,330	^	\$ 152,198	^	\$ 386,188
50	Jul-16	^	21,827	^	150,366	^	112,002	^	284,195
51	Aug-16	^	26,388	^	181,785	^	135,406	^	343,579
52	Sep-16	^	23,390	^	161,137	^	120,025	^	304,552
53	Oct-16	^	17,974	^	123,822	^	92,231	^	234,026
54	Nov-16	^	17,208	^	118,544	^	88,299	^	224,050
55	Dec-16	^	15,248	^	105,045	^	78,244	^	198,538
56	Jan-17	^	21,119	^	145,492	^	108,372	^	274,984
57	Feb-17	^	18,851	^	129,865	^	96,732	^	245,448
58	Mar-17	^	13,907	^	95,806	^	71,362	^	181,075
59	Apr-17	^	15,349	^	105,741	^	78,763	^	199,853
60	May-17	^	12,099	^	83,348	^	62,083	^	157,529
61	Jun-17	^	18,916	^	130,310	^	97,063	^	246,288
62	Jul-17	^	17,865	^	123,075	^	91,674	^	232,614
63	Aug-17	^	32,987	^	227,247	^	169,268	^	429,502
64	Sep-17	^	28,563	^	196,769	^	146,566	^	371,898
65	Oct-17	^	25,594	^	176,317	^	131,332	^	333,243
66	Nov-17	^	20,233	^	139,386	^	103,824	^	263,443
67	Dec-17	^	19,188	^	132,183	^	98,458	^	249,829
68	Jan-18	^	22,959	^	158,168	^	117,814	^	298,942
69	Feb-18	^	21,806	^	150,222	^	111,895	^	283,924
70	Mar-18	^	15,965	^	109,984	^	81,923	^	207,872
71	13 Month Average as of 3/31/18		\$ 20,418		\$ 140,658		\$ 104,771	XF	\$ 265,847
			WP-1 Revenue Requirement WEMO		WP-1 Revenue Requirement SEMO		WP-1 Revenue Requirement NEMO		

XF Cross Footed
@ Recalculated Allocation
* Recalculated Average
^ Recalculated

Line No.	Description (a)	FERC Account (b)	Reference (c)	NEMO (d)	Reference (e)	SEMO (f)	Reference (g)	WEMO (h)	Missouri Total (i)	Reference (j)
1	Rate Base Offset per Acquisition Beginning Balance	254.3		(\$6,164,660)		(\$9,012,269)		(\$1,123,070)	(\$16,300,000)	
2	Amortization Incurred (August 2012 - June 30, 2017) 59 Months of 120 Months		WP 7-8 Rate Base Offset Support	3,030,958	WP 7-8 Rate Base Offset Support	4,431,032	WP 7-8 Rate Base Offset Support	552,176	8,014,166	
3	Amortization Incurred (July 1, 2017 - December 31, 2017) 6 Month Update Period		Trial Balance 12-31-17	308,233	Trial Balance 12-31-17	450,613	Trial Balance 12-31-17	56,154	815,000	
4	Amortization Incurred (January 1, 2018 - March 31, 2018) 3 Month Update Period		TB 3-31-18	154,117	TB 3-31-18	225,307	TB 3-31-18	28,077	407,500	
5	Rate Base Offset per Acquisition as of 3/31/18		TB 3-31-18	(\$2,671,353)	TB 3-31-18	(\$3,905,316)	TB 3-31-18	(\$486,664)	\$ (7,063,333)	TB 3-31-18
				WP-1 Revenue Requirement NEMO		WP-1 Revenue Requirement SEMO		WP-1 Revenue Requirement WEMO		

Line No.	FERC	Ending Balances (a)	NEMO (b)	SEMO (c)	WEMO (d)	MO Total (e)	WP Reference (f)
Energy Efficiency Regulatory Asset: Order GR-2014-0152							
1	186.2	Beginning Balance as Ordered:	\$ 30,188	\$ 704	\$ 21,020	\$ 51,911	Hanneken - WP - PROPRIETARY - Energy Eff. Amort
2	407.3	Less: Amortization through June 30, 2017 - 30 Months/72 Months	<u>(12,578)</u>	<u>(293)</u>	<u>(8,758)</u>	<u>(21,630)</u>	↓
3	186.2	Ending Balance as Ordered at June 30, 2017	17,610	410	12,261	30,282	Line 1 + Line 2
4	186.2	New Regulatory Asset Activity GR-2018-0013 as of 6/30/17	58,058	116,661	10,712	185,432	GR-2018-0013 MPSC DR 0296 Test Year Detail
5	186.2	Total: Unrecovered Regulatory Asset as of 6/30/2017	<u>75,668</u>	<u>117,072</u>	<u>22,974</u>	<u>215,713</u>	WP-TB MO Gas 6-30-17
7	407.3	Less: Amortization for July 1, 2017 - December 31, 2017	(2,516)	(59)	(1,752)	(4,326)	GR-2018-0013 MPSC DR 0296 Update Period Detail
8	186.2	New Regulatory Asset Activity GR-2018-0013 for July 1, 2017 - December 31, 2017	24,025	78,419	1,354	103,798	↓
9	186.2	Total: Unrecovered Regulatory Asset as of 12/31/17	<u>97,178</u>	<u>195,432</u>	<u>22,576</u>	<u>315,185</u>	Trial Balance 12-31-17
10	407.3	Less: Amortization for January 1, 2018 - March 31, 2018	(1,258)	(29)	(876)	(2,163)	GR-2018-0013 MPSC DR 0296 True Up Period Detail
11	186.2	New Regulatory Asset Activity GR-2018-0013 for January 1, 2018 - March 31, 2018	(5,144)	(13,369)	(1,433)	(19,945)	↓
12	186.2	Total: Unrecovered Regulatory Asset as of 3/31/18	<u>\$ 90,776</u>	<u>\$ 182,034</u>	<u>\$ 20,268</u>	<u>\$ 293,077</u>	TB 3-31-18

Note: Commission Order GR-2014-0152 resulted in \$51,911 being amortized over 6 years. \$23,793 of the above relates to the unamortized balance from the previous case.

Line No.	Description	NEMO	SEMO	WEMO	Total Missouri
1	(a)	(b)	(c)	(d)	(e)
3	Missouri Direct	\$ (5,614,438)	\$ (7,046,127)	\$ (1,014,908)	\$ (13,675,473)
4	Reference	WP 7-3-3	WP 7-3-2	WP 7-3-1	
6	Midstates - Shared Services	\$ (799,226)	\$ (1,109,013)	\$ (158,120)	\$ (2,066,359)
7	Reference	WP 7-3-4	WP 7-3-4	WP 7-3-4	
9	Staff DR 129 Tax Timing Differences Other Than Depreciation	\$ 2,234,213	\$ 3,094,308	\$ 441,493	\$ 5,770,013
11	Total Accumulated Deferred Income Taxes	<u>\$ (4,179,451)</u>	<u>\$ (5,060,833)</u>	<u>\$ (731,536)</u>	<u>\$ (9,971,819)</u>
		WP-1 Revenue Requirement NEMO	WP-1 Revenue Requirement SEMO	WP-1 Revenue Requirement WEMO	

Liberty Utilities (Midstates Natural Gas) Corp.

d/b/a Liberty Utilities

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Rate Base - Pension & OPEB (Rebuttal True Up)

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Reference	Total MO	WEMO	SEMO	NEMO
2018 Four Factor - Gas	100.00%	7.68%	52.91%	39.41%

	Reference	Total MO	WEMO	SEMO	NEMO
Pension to Include in Rate Base	Schedule JF-R2	788,502	60,557	417,197	310,749
OPEB to Include in Rate Base	Schedule JF-R3	533,372	40,963	282,207	210,202
Total Pension & OPEB		1,321,875	101,520	699,404	520,951

Line No.	Description (a)	NEMO (b)	SEMO (c)	WEMO (d)	MO Total (e)	Reference (f)
1	13 Month Average Security Deposits	\$ 682,802	\$ 1,055,578	\$ 152,533	\$ 1,890,913	WP 7-4-2 Customer Deposits 9.30 UPDATE
2						
3	Interest Rate for 2017	4.75%	4.75%	4.75%		Customer Deposit Interest Rate Support
4						
5	Customer Deposit Proforma Expense	<u>\$ 32,433</u>	<u>\$ 50,140</u>	<u>\$ 7,245</u>	<u>\$ 89,818</u>	
		WP -1 Revenue Requirement NEMO	WP -1 Revenue Requirement SEMO	WP -1 Revenue Requirement WEMO		

Line No.	FERC	Description (a)	Reference (b)	NEMO (c)	Reference (d)	SEMO (e)	Reference (f)	WEMO (g)	Missouri Total (h)
Pension/OPEB Adjustment Per GR-2014-0152									
1	182.6	Pension Adjustment	Pension recovery request	\$ (5,555)	Pension recovery request	\$ (7,457)	Pension recovery request	\$ (1,082)	\$ (14,094)
2	182.6	OPEB Adjustment	OPEB Recovery Request	<u>115,124</u>	OPEB Recovery Request	<u>154,560</u>	OPEB Recovery Request	<u>22,435</u>	<u>292,119</u>
3									
4		Total Expense Adjustment		\$ 109,570		\$ 147,103		\$ 21,352	\$ 278,025

Liberty Utilities (Midstates Natural Gas) Corp.
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WP ADJ 3 Plant Additions - AMR (True Up Period)

Line No.	Description	Amount (a)	NEMO (b)	SEMO (c)	WEMO (d)
1	AMR (FERC Account 381.0)	\$ 5,156,373	\$ 1,613,893	\$ 3,059,509	\$ 482,971
2	Property Tax Rate	1.39%			
3	Estimated Property Tax Liability	<u>\$ 71,452</u>	<u>\$ 22,364</u>	<u>\$ 42,396</u>	<u>\$ 6,693</u>

Line No.	Description (a)	Reference (b)	MO Total (c)	NEMO (d)	SEMO (e)	WEMO (f)
1	Main Replacement - SEMO (FERC Account 376.2)	2018 YTD Additions	\$ 154,745	\$ 27,541	\$ 99,360	\$ 27,845
2	Property Tax Rate	WP Property Tax Adjustment Percent	1.39%			
3	Estimated Property Tax Liability	Line 1 x Line 2	<u>\$ 2,144</u>	<u>\$ 382</u>	<u>\$ 1,377</u>	<u>\$ 386</u>

Liberty Utilities (Midstates Natural Gas) Corp.
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 WP ADJ 6 Plant Additions - Hannibal Shop (True Up Period)
 Page 1 of 1

Line No.	Description (a)	Reference (b)	NEMO Amount (c)
1	Hannibal Shop Upgrades (FERC Account 375)	2018 YTD Additions	\$ 101,347
2	Property Tax Rate	WP Property Tax Adjustment Percent	1.39%
3	Estimated Property Tax Liability	Line 1 x Line 2	<u><u>\$ 1,404</u></u>

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WP ADJ 7 Rate Case Expense Adjustment

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Line No.	Description	Reference	Cost Estimate	WP - AS 2017 Four Factor			MO Total
				38.72% NEMO	53.63% SEMO	7.65% WEMO	
1	Rate Case Expense: GR-2014-0152						
2	Beginning Balance as Ordered:	Rate Case Expense GR-2014-0152	\$ 609,679				
3	Amortization Period - 3 Years (36 Months)	Rate Case Expense GR-2014-0152	\$ 16,936				
4	Less: Amortization through June 30, 2017 - 30 Months	Rate Case Expense GR-2014-0152	\$ (508,066)				
5	Less: Anticipated Amortization June 30, 2017 - December 31, 2017	Rate Case Expense GR-2014-0152	\$ (101,613)				
6	Ending Balance as Ordered at 12/31/2017:		\$ -				
7	Rate Case Expense: GR-2018-0013						
8	ScottMadden - ROE Testimony	ScottMadden Proposal	\$ 129,395				
9	ScottMadden - Cost of Service Study & Regulatory Reform	ScottMadden Proposal	\$ 171,776				
10	ScottMadden - Lead Lag Study	ScottMadden Proposal	\$ 36,431				
11	Fischer & Dority - Attorney Fees	Estimate	\$ 350,000				
12	Jim Fallert - Consulting	Estimate	\$ 25,000				
13	Alliance - Depreciation Study	Alliance Costs from Dep Study	\$ 52,865				
14	Alliance - Rebuttal Testimony, Discovery, etc.	Estimate	\$ 111,930				
15	Misc (Travel, Meals, etc.)	Estimate- Prior Rate Case Data	\$ 8,752				
16	Estimated Rate Case Expenses		\$ 886,149				
17	Rate Case Expense per Jurisdiction			\$ 343,117	\$ 475,242	\$ 67,790	\$ 886,149
18	Amortized over 3 years (36 months)			\$ 9,531	\$ 13,201	\$ 1,883	\$ 24,615
19	Adjustment for Test Year: 12 Months of Amortization			\$ 114,372	\$ 158,414	\$ 22,597	\$ 295,383

Line No.	FERC	Ending Balances (a)	NEMO (b)	SEMO (c)	WEMO (d)	MO Total (e)	WP Reference (f)
1	186.2	Total: Unrecovered Regulatory Asset as of 3/31/18	\$ 90,776	\$ 182,034	\$ 20,268	\$ 293,077	WP 7-9 Energy Efficiency Rebuttal True-Up
2		Staff Adjustment	(6,583)	(9,117)	(1,300)	\$ (17,000)	
3	186.2	Total: Adjusted Unrecovered Regulatory Asset as of 3/31/18	\$ 84,193	\$ 172,917	\$ 18,968	\$ 276,077	
4	407.3	Amortization of Unrecovered Regulatory Asset as of 03/31/18 <i>Assumes 72 Month Amortization Period</i>	\$ 14,032	\$ 28,819	\$ 3,161	\$ 46,013	WP -1 Revenue Requirement

Line No.	Account	Description (a)	Reference	NEMO (d)	Reference	SEMO (e)	Reference	WEMO (h)	Missouri Total (i)
<u>Per Books Depre. Expense - 12 months ended December 31, 2017</u>									
1	403.0	Per-book Depreciation Expense	WP-6 Deprec & Amort	2,671,811	WP-6 Deprec & Amort	3,360,476	WP-6 Deprec & Amort	539,157	6,571,445
2	403.5	Per-book Capitalized Depreciation	WP-6 Deprec & Amort	(149,193)	WP-6 Deprec & Amort	(232,674)	WP-6 Deprec & Amort	(24,887)	(406,754)
3	403.0	Per-book Depreciation Expense - Reclassified Plant	WP-6 Deprec & Amort	17,925	WP-6 Deprec & Amort	-	WP-6 Deprec & Amort	-	17,925
4	403.5	Per-book Capitalized Depreciation - Reclassified Plant	WP-6 Deprec & Amort	(4,348)	WP-6 Deprec & Amort	-	WP-6 Deprec & Amort	-	(4,348)
5		Total Per Book Depreciation:		2,536,196		3,127,802		514,271	6,178,268
6									
7		<u>Annualized at Proposed Depreciation Rates</u>							
8	403.0	Direct Expense	WP ADJ 9-2 NEMO Depr	2,026,398	WP ADJ 9-2 SEMO Depr	2,412,937	WP ADJ 9-2 WEMO Depr	414,940	4,854,276
9	403.5	Direct Capitalized	WP ADJ 9-2 NEMO Depr	(136,761)	WP ADJ 9-2 SEMO Depr	(198,855)	WP ADJ 9-2 WEMO Depr	(28,627)	(364,243)
10	403.0	Shared Services Expense	WP ADJ 9-2 SS Depr	947,605	WP ADJ 9-2 SS Depr	1,272,183	WP ADJ 9-2 SS Depr	184,669	2,404,457
11	403.5	Shared Services Capitalized	WP ADJ 9-2 SS Depr	(28,492)	WP ADJ 9-2 SS Depr	(38,251)	WP ADJ 9-2 SS Depr	(5,552)	(72,295)
12	403.0	Reclassified Plant Exp	WP ADJ 9-2 NEMO Reclass Plant	14,770		-		-	14,770
13	403.5	Reclassified Plant Cap	WP ADJ 9-2 NEMO Reclass Plant	(4,546)		-		-	(4,546)
14	403.0	Reserve Correction - Whole Life	Appendix A - Rebuttal Testimony of Dane Watson	664,971	A - Rebuttal Testimony of Dane Watson	791,815	A - Rebuttal Testimony of Dane Watson	136,164	1,592,950
15									
16		Total Depreciation and Amortization Expense, As Adjusted		\$ 3,483,946		\$ 4,239,830		\$ 701,593	\$ 8,425,370
17									
18									
19		Adjustment to Depreciation Expense Increase / (Decrease)		\$ 947,751		\$ 1,112,028		\$ 187,322	\$ 2,247,101

Liberty Utilities (Midstates Natural Gas) Corp.

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WP ADJ 10 Merit Increases

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Line No.	Description	NEMO	SEMO	WEMO	MO Total	Reference
1	Salaries - Merit Increase	\$ 115,950	\$ 231,335	\$ 25,108	\$ 372,393	Merit Increases (Union, Non-Union, Admin)
2	Benefits	\$ 40,488	\$ 80,778	\$ 8,767	\$ 130,033	Benefits Factor = 34.9181% of Salaries
3	Total Estimated 2017 Cost	\$ 156,438	\$ 312,112	\$ 33,876	\$ 502,426	Line 1 + Line 2
4	Payroll Tax Rate	7.65%	7.65%	7.65%		
5	Payroll Tax Adjustment	\$ 8,870	\$ 17,697	\$ 1,921	\$ 28,488	Line 1 x Line 4
6	Capitalization Rate	53%	53%	53%		Blended
7	Capitalized Amount	\$ 82,291	\$ 164,181	\$ 17,820	\$ 264,292	Line 3 x Line 4
8	Expense Amount	\$ 83,017	\$ 165,629	\$ 17,977	\$ 266,622	Line 3 + Line 5 - Line 7
9	Book Depreciation Rate	5.00%	5.00%	5.00%		Depreciation Study
10	Book Depreciation Expense	\$ 4,115	\$ 8,209	\$ 891	\$ 13,215	Line 7 x Line 9
11	Accumulated Depreciation	\$ (4,115)	\$ (8,209)	\$ (891)	\$ (13,215)	Line 10 x -1

Liberty Utilities (Midstates Natural Gas) Corp.
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WP ADJ 14 CAM Adjustment
Updated through 12/31/2017
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Line No.	Description	25.50% NEMO	35.31% SEMO	5.04% WEMO	MO Total	Reference
1	Salaries Removed from Midstates Direct	\$ (58,530.31)	\$ (81,047.27)	\$ (11,568.34)	\$ (151,145.93)	Central Employees
2	Benefits	\$ (20,437.67)	\$ (28,300.17)	\$ (4,039.45)	\$ (52,777.29)	Benefits Factor = 34.9181% of Salaries
3	Total Estimated 2017 Cost Removed	\$ (78,967.99)	\$ (109,347.44)	\$ (15,607.79)	\$ (203,923.21)	Line 1 + Line 2
4	Payroll Tax Rate	7.65%	7.65%	7.65%		
5	Payroll Tax Adjustment	\$ (4,477.57)	\$ (6,200.12)	\$ (884.98)	\$ (11,562.66)	Line 1 x Line 4
6	Capitalization Rate	43%	43%	43%		Blended
7	Capitalized Amount	\$ (33,956.23)	\$ (47,019.40)	\$ (6,711.35)	\$ (87,686.98)	Line 3 x Line 6
8	Expense Amount	\$ (49,489.32)	\$ (68,528.15)	\$ (9,781.42)	\$ (127,798.89)	Line 3 + Line 5 - Line 7
9	Book Depreciation Rate	5.00%	5.00%	5.00%		
10	Book Depreciation Expense	\$ (1,697.81)	\$ (2,350.97)	\$ (335.57)	\$ (4,384.35)	Line 7 x Line 9
11	Accumulated Depreciation	\$ 1,697.81	\$ 2,350.97	\$ 335.57	\$ 4,384.35	Line 10 x -1

Liberty Utilities (Midstates Natural Gas) Corp.
d/b/a Liberty Utilities

Docket No. GR-2018-0013

WP ADJ 14 Intercompany Allocations Adjustment - NEMO

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Line No.	Description	Reference	Test Year Actuals 12/31/2017	Reference	2018 Budget	Difference
1	69-5010-9202 - A&G Salaries - APUC Headoffice	NEMO 2017 IS	80,832	NEMO 2017 IS	78,489	(2,343)
2	69-5200-9232 - Outside services APUC HO Allocations	NEMO 2017 IS	135,201	NEMO 2017 IS	81,655	(53,546)
3	Total APUC Allocations		<u>216,033</u>		<u>160,144</u>	<u>(55,889)</u>
4						
5	69-5200-9235 - LABS Corporate Service non-labour allocation	NEMO 2017 IS	106,038	NEMO 2017 IS	58,251	(47,787)
6	69-5010-9205 - LABS Corporate Service Labour allocation	NEMO 2017 IS	68,232	NEMO 2017 IS	125,698	57,466
7	69-5200-9237 - LABS US CS Non Labor - FERC	NEMO 2017 IS	27,448	NEMO 2017 IS	4,107	(23,342)
8	69-5010-9204 - LABS BS Labor - FERC	NEMO 2017 IS	84,078	NEMO 2017 IS	133,383	49,305
9	69-5200-9234 - LABS - Non Labour Allocations FERC	NEMO 2017 IS	104,023	NEMO 2017 IS	25,664	(78,359)
10	69-5200-9236 - LABS US BS Non Lab - FERC	NEMO 2017 IS	31,560	NEMO 2017 IS	3,484	(28,076)
11	69-5010-9206 - LABS US BS Labor FERC	NEMO 2017 IS	17,674	NEMO 2017 IS	59,032	41,358
12	69-5010-9207 - LABS US CS Labor - FERC	NEMO 2017 IS	6	NEMO 2017 IS	89,382	89,375
13	Total LABS Allocations		<u>439,059</u>		<u>499,001</u>	<u>59,942</u>
14						
15	69-5010-9201 - A&G Salaries - LU Headoffice	NEMO 2017 IS	30,566	NEMO 2017 IS	57,306	26,740
16	69-5200-9231 - Outside services LU HO Allocations	NEMO 2017 IS	149,385	NEMO 2017 IS	124,328	(25,056)
17	Total LU Allocations		<u>179,950</u>		<u>181,634</u>	<u>1,684</u>
18						
19	69-5200-9238 - LU Corp US Admin alloc	NEMO 2017 IS	18,125	NEMO 2017 IS	-	(18,125)
20						
21	69-5200-9239 - LU Region Admin alloc	NEMO 2017 IS	74,621	NEMO 2017 IS	95,769	21,148
22						
23	Capitalized Allocations - Corporate	NEMO 2017 IS	(81,964)	NEMO 2017 IS	(123,285)	(41,322)
24	Capitalized Allocations - LABS / LU	NEMO 2017 IS	(77,366)	NEMO 2017 IS	(75,545)	1,821
25	Total Capitalized Allocations		<u>(159,329)</u>		<u>(198,830)</u>	<u>(39,501)</u>
26						
27	Total		<u>768,459</u>		<u>737,718</u>	<u>(30,741)</u>

Liberty Utilities (Midstates Natural Gas) Corp.
d/b/a Liberty Utilities

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WP ADJ 14 Intercompany Allocations Adjustment - WEMO

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Line No.	Description	Reference	Test Year Actuals 6/30/2017	Reference	2018 Budget	Difference
1	69-5010-9202 - A&G Salaries - APUC Headoffice	WEMO 2017 IS	15,977	WEMO 2017 IS	16,085	108
2	69-5200-9232 - Outside services APUC HO Allocations	WEMO 2017 IS	26,724	WEMO 2017 IS	16,734	(9,990)
3	Total APUC Allocations		<u>42,701</u>		<u>32,819</u>	<u>(9,882)</u>
4						
5	69-5200-9235 - LABS Corporate Service non-labour allocation	WEMO 2017 IS	20,959	WEMO 2017 IS	11,937	(9,022)
6	69-5010-9205 - LABS Corporate Service Labour allocation	WEMO 2017 IS	13,487	WEMO 2017 IS	25,759	12,273
7	69-5200-9237 - LABS US CS Non Labor - FERC	WEMO 2017 IS	5,425	WEMO 2017 IS	842	(4,584)
8	69-5010-9204 - LABS BS Labor - FERC	WEMO 2017 IS	16,619	WEMO 2017 IS	27,334	10,716
9	69-5200-9234 - LABS - Non Labour Allocations FERC	WEMO 2017 IS	20,561	WEMO 2017 IS	5,259	(15,302)
10	69-5200-9236 - LABS US BS Non Lab - FERC	WEMO 2017 IS	6,238	WEMO 2017 IS	714	(5,524)
11	69-5010-9206 - LABS US BS Labor FERC	WEMO 2017 IS	3,493	WEMO 2017 IS	12,098	8,604
12	69-5010-9207 - LABS US CS Labor - FERC	WEMO 2017 IS	1	WEMO 2017 IS	18,317	18,316
13	Total LABS Allocations		<u>86,784</u>		<u>102,261</u>	<u>15,477</u>
14						
15	69-5010-9201 - A&G Salaries - LU Headoffice	WEMO 2017 IS	6,042	WEMO 2017 IS	11,744	5,702
16	69-5200-9231 - Outside services LU HO Allocations	WEMO 2017 IS	29,527	WEMO 2017 IS	25,479	(4,048)
17	Total LU Allocations		<u>35,569</u>		<u>37,223</u>	<u>1,654</u>
18						
19	69-5200-9238 - LU Corp US Admin alloc	WEMO 2017 IS	3,582	WEMO 2017 IS	-	(3,582)
20						
21	69-5200-9239 - LU Region Admin alloc	WEMO 2017 IS	14,749	WEMO 2017 IS	18,930	4,180
22						
23	Capitalized Allocations - Corporate	WEMO 2017 IS	(16,201)	WEMO 2017 IS	(25,265)	(9,064)
24	Capitalized Allocations - LABS / LU	WEMO 2017 IS	(15,292)	WEMO 2017 IS	(15,482)	(190)
25	Total Capitalized Allocations		<u>(31,493)</u>		<u>(40,747)</u>	<u>(9,254)</u>
26						
27	Total		<u>151,892</u>		<u>150,485</u>	<u>(1,407)</u>

Line No.	Description	Reference	Test Year Actuals 6/30/2017	Reference	2018 Budget	Difference
1	69-5010-9202 - A&G Salaries - APUC Headoffice	SEMO 2017 IS	111,936	SEMO 2017 IS	121,473	9,537
2	69-5200-9232 - Outside services APUC HO Allocations	SEMO 2017 IS	187,226	SEMO 2017 IS	126,374	(60,852)
3	Total APUC Allocations		<u>299,161</u>		<u>247,847</u>	<u>(51,314)</u>
4						
5	69-5200-9235 - LABS Corporate Service non-labour allocation	SEMO 2017 IS	146,841	SEMO 2017 IS	90,152	(56,688)
6	69-5010-9205 - LABS Corporate Service Labour allocation	SEMO 2017 IS	94,487	SEMO 2017 IS	194,536	100,049
7	69-5200-9237 - LABS US CS Non Labor - FERC	SEMO 2017 IS	38,010	SEMO 2017 IS	6,356	(31,655)
8	69-5010-9204 - LABS BS Labor - FERC	SEMO 2017 IS	116,431	SEMO 2017 IS	206,431	90,000
9	69-5200-9234 - LABS - Non Labour Allocations FERC	SEMO 2017 IS	144,051	SEMO 2017 IS	39,719	(104,331)
10	69-5200-9236 - LABS US BS Non Lab - FERC	SEMO 2017 IS	43,705	SEMO 2017 IS	5,392	(38,313)
11	69-5010-9206 - LABS US BS Labor FERC	SEMO 2017 IS	24,475	SEMO 2017 IS	91,362	66,887
12	69-5010-9207 - LABS US CS Labor - FERC	SEMO 2017 IS	9	SEMO 2017 IS	138,332	138,323
13	Total LABS Allocations		<u>608,007</u>		<u>772,279</u>	<u>164,272</u>
14						
15	69-5010-9201 - A&G Salaries - LU Headoffice	SEMO 2017 IS	53,996	SEMO 2017 IS	88,689	34,693
16	69-5200-9231 - Outside services LU HO Allocations	SEMO 2017 IS	206,867	SEMO 2017 IS	192,417	(14,451)
17	Total LU Allocations		<u>260,863</u>		<u>281,106</u>	<u>20,242</u>
18						
19	69-5200-9238 - LU Corp US Admin alloc	SEMO 2017 IS	25,099	SEMO 2017 IS	-	(25,099)
20						
21	69-5200-9239 - LU Region Admin alloc	SEMO 2017 IS	103,335	SEMO 2017 IS	132,621	29,286
22						
23	Capitalized Allocations - Corporate	SEMO 2017 IS	(113,503)	SEMO 2017 IS	(190,803)	(77,300)
24	Capitalized Allocations - LABS / LU	SEMO 2017 IS	(109,586)	SEMO 2017 IS	(116,917)	(7,331)
25	Total Capitalized Allocations		<u>(223,089)</u>		<u>(307,720)</u>	<u>(84,631)</u>
26						
27	Total		<u><u>1,073,377</u></u>		<u><u>1,126,133</u></u>	<u><u>52,756</u></u>

Line No.	FERC	Description	Reference	Shared Services	NEMO	SEMO	WEMO	Total
1	921.4	Dues & Memberships	WP - AS 2017 Four Factor		25.50%	35.31%	5.04%	
2		Removed - Direct	WP ADJ 15 NEMO, SEMO, WEMO		(30)	(120)	-	(150)
3		Allocated Portion	WP ADJ 15 SS	(1,286)	(328)	(454)	(65)	(847)
4		Total Adjustment to A&G Expenses			(358)	(574)	(65)	(997)
5								
6	909.0	Advertising						
7		Removed - Direct	WP ADJ 15 NEMO, SEMO, WEMO		-	-	-	
8		Allocated Portion	WP ADJ 15 SS	(1,580)	(403)	(558)	(80)	(1,040)
9		Total Adjustment to Customer Service Expenses			(403)	(558)	(80)	(1,040)
10								
11	913.0	Advertising						
12		Removed - Direct	WP ADJ 15 NEMO, SEMO, WEMO		(2,945)	(1,709)	-	(4,654)
13		Allocated Portion	WP ADJ 15 SS	(407)	(104)	(144)	(21)	(268)
14		Total Adjustment to Sales Expenses			(3,049)	(1,853)	(21)	(4,922)

Line No.	FERC	Description	Reference	NEMO	SEMO	WEMO	Total
1		Normalized Margin Revenue	WP ADJ 11 Revenue Adjustment	10,788,239	12,674,234	1,885,485	25,347,958
2		Test Year Other/Misc. Revenue	WP ADJ 16 NEMO, SEMO, WEMO	173,615	231,162	32,590	437,367
3		Test Year Pass Through Revenue	WP ADJ 16 NEMO, SEMO, WEMO	8,728,415	7,088,993	1,606,793	17,424,201
4		Total Revenue:	Line 1 + Line 2 + Line 3	<u>19,690,269</u>	<u>19,994,389</u>	<u>3,524,868</u>	<u>43,209,526</u>
5	904.0	Test Year Uncollectible Expenses (Bad Debt)	WP ADJ 16 NEMO, SEMO, WEMO	70,911	52,960	33,751	157,621
6		Bad Debt Percentage	Line 5 / Line 4	<u>0.36%</u>	<u>0.26%</u>	<u>0.96%</u>	<u>0.36%</u>
7		Average Four Year Revenue	WP ADJ 16 NEMO, SEMO, WEMO	20,907,449	25,214,345	3,779,940	49,901,735
8		Average Four Year Uncollectible Expense (Bad Debt)	WP ADJ 16 NEMO, SEMO, WEMO	165,237	211,081	35,518	411,836
9		Average Four Year Bad Debt Percentage	Line 8 / Line 7	<u>0.79%</u>	<u>0.84%</u>	<u>0.94%</u>	<u>0.83%</u>
10		Normalized Uncollectible Expense (Bad Debt)	Line 4 x Line 9	155,617	167,382	33,122	356,121
11	904.0	Uncollectible Expense/Bad Debt Debt Adjustment:	Line 10 - Line 5	<u><u>84,707</u></u>	<u><u>114,422</u></u>	<u><u>(629)</u></u>	<u><u>198,500</u></u>

Line No.	FERC	Description	Reference	NEMO	SEMO	WEMO	MO Total
1	926.6	Twelve Months Ended December 31, 2017 Health Care Expenses	WP ADJ 18 Est Increase - 12.31	\$ 329,613	\$ 456,445	\$ 65,150	\$ 851,208
2		Estimated Health Care Expense Increase	WP ADJ 18 Est Increase - 12.31	<u>8.22%</u>	<u>8.22%</u>	<u>8.22%</u>	<u>8.22%</u>
3		Projected Health Care Expenses	(Line 1 x Line 2) + Line 1	356,698	493,951	70,504	921,152
4	926.6	Total Health Care Adjustment	Line 3 - Line 1	<u><u>\$ 27,084</u></u>	<u><u>\$ 37,506</u></u>	<u><u>\$ 5,353</u></u>	<u><u>\$ 69,944</u></u>