Joanne Savage Errata Sheet

Page	Line	Change
2	13	Replace “$360” with “$343”
5	21	Replace “approximately $5” with “$4.80”
5	23	Replace “$360” with “$343”
Attachment JMS-2	N/A	Replace “Attachment JMS-2” with attached “Attachment JMS-2 Revised”[1]
Attachment JMS-4	N/A	Replace “Attachment JMS-4” with attached “Attachment JMS-4 Revised”[2]

[1] For the convenience of the parties and Staff, the substantive changes to this attachment are found in line (1) (Revenue Requirement, excluding CAT) in years 2020-2031 which are taken from Attachment JAR-1 Revised. These changes then flow through Lines 2 through 34 for those years.

[2] For the convenience of the parties and Staff, the substantive changes to this attachment are found in the bill impacts for lines 8 through 20.

Attachment JMS-2 (Revised)
Estimated Rider RRS Rates 2016-2031 - For Illustrative Purposes

I. Rider RRS Revenue Requirement Summary ($M)

Line	Line Item	Allocation Factor	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Estimated Total Revenue Requirement																	
1	Revenue Requirement, excluding CAT		$ 166.8	$ 194.4	$ 102.9	$ (107.0)	$ (188.1)	$ (197.9)	$ (159.1)	$ (172.5)	$ (126.3)	$ (221.7)	$ (170.8)	$ (257.5)	$ (255.1)	$ (338.9)	$ (251.0)	$ (36.3)
2	Total Revenue Requirement		$ 167.2	$ 194.9	$ 103.2	$ (107.3)	$ (188.6)	$ (198.4)	$ (159.5)	$ (172.9)	$ (126.6)	$ (222.3)	$ (171.2)	$ (258.2)	$ (255.7)	$ (339.8)	$ (251.6)	$ (36.4)
	Company Breakdown																	
3	OE	45.58%	$ 76.2	$ 88.8	$ 47.0	$ (48.9)	$ (86.0)	$ (90.4)	$ (72.7)	$ (78.8)	$ (57.7)	$ (101.3)	$ (78.0)	$ (117.7)	$ (116.6)	$ (154.9)	$ (114.7)	$ (16.6)
4	CEI	36.02%	$ 60.2	$ 70.2	$ 37.2	$ (38.6)	$ (67.9)	$ (71.5)	$ (57.5)	$ (62.3)	$ (45.6)	$ (80.1)	$ (61.7)	$ (93.0)	$ (92.1)	$ (122.4)	$ (90.6)	$ (13.1)
5	TE	18.40%	$ 30.8	$ 35.9	$ 19.0	$ (19.7)	$ (34.7)	$ (36.5)	$ (29.4)	$ (31.8)	$ (23.3)	$ (40.9)	$ (31.5)	$ (47.5)	$ (47.1)	$ (62.5)	$ (46.3)	$ (6.7)
6	Total	100.00%	$ 167.2	$ 194.9	$ 103.2	$ (107.3)	$ (188.6)	$ (198.4)	$ (159.5)	$ (172.9)	$ (126.6)	$ (222.3)	$ (171.2)	$ (258.2)	$ (255.7)	$ (339.8)	$ (251.6)	$ (36.4)

II. Estimated Rider RRS Rates (¢ / kWh)

Line	Line Item	Annual MWH Sales	Allocation Factor	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	OE																		
7	Rate RS	9,274,426	37.34%	0.5259	0.3577	0.1893	(0.1968)	(0.3461)	(0.3641)	(0.2927)	(0.3173)	(0.2323)	(0.4079)	(0.3141)	(0.4737)	(0.4692)	(0.6235)	(0.4617)	(0.1605)
8	Rate GS	6,592,253	33.31%	0.6600	0.4489	0.2375	(0.2470)	(0.4344)	(0.4569)	(0.3673)	(0.3982)	(0.2915)	(0.5119)	(0.3942)	(0.5945)	(0.5889)	(0.7825)	(0.5794)	(0.2014)
9	Rate GP	2,630,586	10.95%	0.5440	0.3700	0.1958	(0.2036)	(0.3580)	(0.3766)	(0.3028)	(0.3282)	(0.2403)	(0.4219)	(0.3249)	(0.4900)	(0.4854)	(0.6450)	(0.4776)	(0.1660)
10	Rate GSU	978,431	3.49%	0.4665	0.3173	0.1679	(0.1746)	(0.3070)	(0.3230)	(0.2597)	(0.2815)	(0.2061)	(0.3619)	(0.2787)	(0.4202)	(0.4163)	(0.5531)	(0.4096)	(0.1424)
11	Rate GT	4,554,538	14.86%	0.4262	0.2899	0.1534	(0.1595)	(0.2805)	(0.2951)	(0.2372)	(0.2571)	(0.1882)	(0.3306)	(0.2546)	(0.3839)	(0.3803)	(0.5053)	(0.3742)	(0.1301)
12	Rate STL	122,532	0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Rate POL	36,054	0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Rate TRF	14,740	0.05%	0.4150	0.2823	0.1494	(0.1553)	(0.2731)	(0.2873)	(0.2310)	(0.2504)	(0.1833)	(0.3219)	(0.2479)	(0.3738)	(0.3703)	(0.4921)	(0.3643)	(0.1266)
15	Total	24,203,559	100.00%																
	CEI																		
16	Rate RS	5,535,410	29.09%	0.5425	0.3690	0.1953	(0.2030)	(0.3571)	(0.3756)	(0.3020)	(0.3273)	(0.2396)	(0.4208)	(0.3241)	(0.4887)	(0.4841)	(0.6433)	(0.4763)	(0.1656)
17	Rate GS	6,536,798	41.90%	0.6617	0.4501	0.2382	(0.2476)	(0.4355)	(0.4581)	(0.3683)	(0.3992)	(0.2923)	(0.5132)	(0.3952)	(0.5960)	(0.5904)	(0.7845)	(0.5809)	(0.2019)
18	Rate GP	445,966	2.21%	0.5127	0.3487	0.1845	(0.1919)	(0.3374)	(0.3549)	(0.2853)	(0.3093)	(0.2264)	(0.3976)	(0.3062)	(0.4618)	(0.4574)	(0.6078)	(0.4501)	(0.1564)
19	Rate GSU	3,778,472	18.38%	0.5022	0.3416	0.1807	(0.1879)	(0.3305)	(0.3477)	(0.2795)	(0.3030)	(0.2218)	(0.3895)	(0.3000)	(0.4523)	(0.4481)	(0.5954)	(0.4409)	(0.1532)
20	Rate GT	2,120,383	8.40%	0.4091	0.2783	0.1472	(0.1531)	(0.2693)	(0.2832)	(0.2277)	(0.2468)	(0.1807)	(0.3173)	(0.2444)	(0.3685)	(0.3650)	(0.4851)	(0.3592)	(0.1248)
21	Rate STL	125,007	0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Rate POL	55,212	0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Rate TRF	18,408	0.02%	0.1070	0.0728	0.0385	(0.0400)	(0.0704)	(0.0741)	(0.0596)	(0.0646)	(0.0473)	(0.0830)	(0.0639)	(0.0964)	(0.0955)	(0.1269)	(0.0939)	(0.0327)
24	Total	18,615,656	100.00%																
	TE																		
25	Rate RS	2,507,876	26.20%	0.5511	0.3748	0.1983	(0.2062)	(0.3627)	(0.3815)	(0.3067)	(0.3325)	(0.2434)	(0.4274)	(0.3292)	(0.4964)	(0.4917)	(0.6534)	(0.4838)	(0.1682)
26	Rate GS	1,965,008	25.16%	0.6752	0.4593	0.2430	(0.2527)	(0.4444)	(0.4675)	(0.3758)	(0.4074)	(0.2982)	(0.5237)	(0.4033)	(0.6082)	(0.6025)	(0.8006)	(0.5928)	(0.2060)
27	Rate GP	987,134	10.75%	0.5741	0.3905	0.2066	(0.2149)	(0.3779)	(0.3975)	(0.3195)	(0.3464)	(0.2536)	(0.4453)	(0.3429)	(0.5171)	(0.5123)	(0.6807)	(0.5040)	(0.1752)
28	Rate GSU	116,054	1.00%	0.4561	0.3102	0.1641	(0.1707)	(0.3002)	(0.3158)	(0.2538)	(0.2752)	(0.2014)	(0.3538)	(0.2724)	(0.4108)	(0.4070)	(0.5407)	(0.4004)	(0.1392)
29	Rate GT	4,832,776	36.88%	0.4025	0.2738	0.1449	(0.1506)	(0.2649)	(0.2787)	(0.2240)	(0.2428)	(0.1778)	(0.3122)	(0.2404)	(0.3626)	(0.3592)	(0.4773)	(0.3534)	(0.1228)
30	Rate STL	49,050	0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Rate POL	9,702	0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Rate TRF	2,230	0.01%	0.2402	0.1634	0.0865	(0.0899)	(0.1581)	(0.1663)	(0.1337)	(0.1449)	(0.1061)	(0.1863)	(0.1435)	(0.2164)	(0.2144)	(0.2848)	(0.2109)	(0.0733)
33	Total	10,469,829	100.00%																
34	Ohio Total	53,289,044		0.5378	0.3658	0.1936	(0.2013)	(0.3540)	(0.3724)	(0.2994)	(0.3245)	(0.2376)	(0.4172)	(0.3213)	(0.4844)	(0.4799)	(0.6377)	(0.4722)	(0.1641)

NOTES

1	Source: Attachment JAR-1
2	Calculation: Line 1 / (1-0.26%)
3-5	Calculation: Line 2 X respective Company's allocation factor
7-14	Calculation: Section I, Line 3 X Allocation Factor / Sales. (2016 and 2031 adjusted to reflect 7 and 5 months, respectively).
16-23	Calculation: Section I, Line 4 X Allocation Factor / Sales. (2016 and 2031 adjusted to reflect 7 and 5 months, respectively).
25-32	Calculation: Section I, Line 5 X Allocation Factor / Sales. (2016 and 2031 adjusted to reflect 7 and 5 months, respectively).
34	Calculation (Annual MWH Sales): Sum (Lines 15, 24, 33). Calculation (Estimated Rider RRS Rate): Section I, Line 6 / Sales. (2016 and 2031 adjusted to reflect 7 and 5 months, respectively).

Attachment JMS-4 (Revised)

Estimated Rider RRS Bill Impact - Average Standard Residential Customer

For Illustrative Purposes

I. Estimated RS Bill Impact June 2016 - May 2019

Line	Line Item	June 2016 - May 2017	June 2017 - May 2018	June 2018 - May 2019	Average
1	Estimated Rider RRS (¢ / kWh)	0.4679	0.2951	0.0292	0.2641
2	Monthly kWh	750	750	750	750
3	Estimate Monthly Charge	$ 3.51	$ 2.21	$ 0.22	$ 1.98

II. Estimated RS Bill Impact 2016 - 2031

		(A)	(B)	(C)	(D)	(E)
Line	Year	Estimated Rider RRS (¢ / kWh)	Monthly kWh	Number of Months	Monthly Charge (Credit)	Annual Charge (Credit)
4	2016	0.5398	750	7	$ 4.05	$ 28.35
5	2017	0.3672	750	12	$ 2.75	$ 33.00
6	2018	0.1943	750	12	$ 1.46	$ 17.52
7	2019	(0.2020)	750	12	$ (1.52)	$ (18.24)
8	2020	(0.3553)	750	12	$ (2.66)	$ (31.92)
9	2021	(0.3737)	750	12	$ (2.80)	$ (33.60)
10	2022	(0.3005)	750	12	$ (2.25)	$ (27.00)
11	2023	(0.3257)	750	12	$ (2.44)	$ (29.28)
12	2024	(0.2384)	750	12	$ (1.79)	$ (21.48)
13	2025	(0.4187)	750	12	$ (3.14)	$ (37.68)
14	2026	(0.3224)	750	12	$ (2.42)	$ (29.04)
15	2027	(0.4862)	750	12	$ (3.65)	$ (43.80)
16	2028	(0.4817)	750	12	$ (3.61)	$ (43.32)
17	2029	(0.6401)	750	12	$ (4.80)	$ (57.60)
18	2030	(0.4739)	750	12	$ (3.55)	$ (42.60)
19	2031	(0.1647)	750	5	$ (1.24)	$ (6.20)
20	**Total Estimated Rider RRS Charge (Credit)**					**$ (342.89)**

NOTES

1 Calculation: Average of OE, CEI, TE Rate RS rates from JMS-3

3 Calculation: Line 1 x Line 2 / 100

4-19 A Calculation: Average of OE, CEI, TE Rate RS rates from JMS-2

4-19 D Calculation: Column (A) X Column (B)

4-19 E Calculation: Column (C) x Column (D)

20 Calculation: Sum Lines (4 -19)