

Joint Committee on AWU's Financial Plan
Rate Design Evaluation Matrix

*** DRAFT ***		Overall Ranking		Volatility Ranking \$ Volatility Measure		Affordability Ranking Bill Change for 2,000 Gal. Customer Bill Change for 2,000 Gal. CAP Customer						Subsidy Ranking Break-even Point		Strengthening Conservation Ranking Fixed Fee Block 1 to 5 Ratio, Volumetric Blocks 1 to 5 Ratio, Percent Bill Change for 2,000 gals. customer, Percent Bill Change for 30,000 gal. customer, Percent Fixed Charges from Residential											
Option #	Description	Overall Ranking	Sum of All Rankings	Volatility Ranking	Volatility Measure	Affordability Ranking	Sum of Affordability Rankings	Bill Change for 2000 Gals. Rank	Bill Change for 2000 Gals. Percentage	Bill Change for CAP 2000 Gals. Rank	Bill Change for CAP 2000 Gals. Percentage	Lessen Subsidies Ranking	Break-even Point	Conservation Ranking	Sum of Conservation Rankings	Residential Fixed Fee: Top/Bottom Rank	Residential Fixed Fee: Top/Bottom Ratio	Residential Volumetric Tiers: Top/Bottom Rank	Residential Volumetric Tiers: Top/Bottom Ratio	Bill Change for 2000 Gals. Rank	Bill Change for 2000 Gals. Percentage	Bill Change for 30,000 Gals. Rank	Bill Change for 30,000 Gals. Percentage	Res. Revenue from Fixed Charges Rank	Res. Revenue from Fixed Charges: Percent
23	New tiered fixed fee block 1 at \$1.00, block 2 at \$2.63, block 3 at \$6.00, and blocks 4-5 at \$8.00, 20% fixed revenue goal, new block intervals based on Karen Keesee general recommendations, blocks at 0-2k, 2-6k, 6-11k, 11-20k, and 20k+, creation of revenue stability reserve fund at 20% total revenue, block rates set higher to recover additional \$3.6 million from higher blocks to fund residential contribution to the reserve fund	1	30	7	\$2.09	3	6.5	4	-27.0%	2.5	-14.5%	9	11,900	11	62.5	11	8	1.5	12	23	-27.0%	7	4.0%	20	24.4%
20	New tiered fixed fee block 1 at \$1.00, block 2 at \$3.00, block 3 at \$6.00, and blocks 4-5 at \$12.50, 20% fixed revenue goal, new block intervals based on Karen Keesee general recommendations, blocks at 0-2k, 2-6k, 6-11k, 11-20k, and 20k+, creation of revenue stability reserve fund at 20% total revenue	2	34	6	\$2.94	1	4	3	-27.5%	1	-17.1%	8	11,700	19	76	11	8	12	10.4	24	-27.5%	17	-4.6%	12	25.3%
25	New tiered fixed fee block 1 at \$1.00, block 2 at \$3.00, block 3 at \$6.00, and blocks 4-5 at \$12.50, 20% fixed revenue goal, volumetric rates for blocks 3-5 increased to recover additional \$3.3 million for residential contribution to the creation of revenue stability reserve fund at 20% total revenue	3	40.5	19	(\$1.09)	8.5	18.69	9	-24.6%	9.692	0.0%	11	12,500	2	45.5	4.5	12.5	3	10.9	18	-24.6%	1	11.0%	19	24.5%
5	New tiered fixed fee \$1.00 to \$6.00, 20% fixed revenue goal, volumetric rates at cost of service of \$4.36 for all blocks	4	43	2	\$7.06	25	50	25	21.5%	25	272.6%	1.5	-	14.5	68.5	13	6	25.5	1	2	21.5%	25	-43.2%	3	25.6%
19	New tiered fixed fee block 1 at \$1.00, block 2 at \$3.00, block 3 at \$6.00, and blocks 4-5 at \$12.50, 20% fixed revenue goal, no change to volumetric rates, creation of revenue stability reserve fund at 20% total revenue	5	43.5	12	\$0.09	8.5	18.69	9	-24.6%	9.692	0.0%	18.5	13,400	4.5	52	4.5	12.5	7.5	10.4	18	-24.6%	10	3.2%	12	25.3%
16	New tiered fixed fee block 1 at \$1.00, block 2 at \$3.00, block 3 at \$6.00, and blocks 4-5 at \$12.50, 20% fixed revenue goal, no change to volumetric rates	6	44	14	\$0.09	8.5	18.69	9	-24.6%	9.692	0.0%	18.5	13,400	3	50	4.5	12.5	7.5	10.4	18	-24.6%	8	3.2%	12	25.3%
18	New tiered fixed fee block 1 at \$1.00, block 2 at \$3.00, block 3 at \$6.00, and blocks 4-5 at \$12.50, 20% fixed revenue goal, no change to volumetric rates, creation of revenue stability reserve fund at 20% total revenue	7	44.5	13	\$0.09	8.5	18.69	9	-24.6%	9.692	0.0%	18.5	13,400	4.5	52	4.5	12.5	7.5	10.4	18	-24.6%	10	3.2%	12	25.3%
3	New tiered fixed fee \$1.00 to \$20.75, 20% fixed revenue goal, no change to volumetric rates	8	45	17	(\$0.34)	8.5	18.69	9	-24.6%	9.692	0.0%	18.5	13,400	1	43.5	1	20.8	7.5	10.4	18	-24.6%	5	6.5%	12	25.3%
2	New tiered fixed fee \$1.00 to \$5.78, 20% fixed revenue goal, no change to volumetric rates	9	46.5	10	\$0.79	5	18.69	9	-24.6%	9.692	0.0%	18.5	13,400	13	65.5	15	5.78	7.5	10.4	18	-24.6%	13	0.5%	12	25.3%
15	New tiered fixed fee \$1.00 to \$10.25, 20% fixed revenue goal, no change to volumetric rates	10	49	15	\$0.07	8.5	18.69	9	-24.6%	9.692	0.0%	18.5	13,400	7	55.5	8	10.3	7.5	10.4	18	-24.6%	10	2.3%	12	25.3%
9	New tiered fixed fee \$2.40 to \$5.50, 20% fixed revenue goal, residential rate blocks change from 2-9k to 2-8k	11	50	8	\$0.92	14.5	28.19	18.5	-14.5%	9.692	0.0%	13	13,200	14.5	68.5	17.5	2.29	14.5	10.3	8.5	-14.5%	16	-4.2%	12	25.3%
4	New tiered fixed fee \$4.20 to \$4.40, 20% fixed revenue goal, volumetric rates at \$4.38 for all blocks	12	51.5	1	\$7.28	26	52	26	44.9%	26	274.4%	1.5	-	23	84.5	20	1.05	25.5	1	1	44.9%	26	-43.6%	12	25.3%
1	New tiered fixed fee \$2.40 to \$5.50, 20% fixed revenue goal, no change to volumetric rates	13	52	9	\$0.83	14.5	28.19	18.5	-14.5%	9.692	0.0%	18.5	13,400	10	59.5	17.5	2.29	7.5	10.4	8.5	-14.5%	14	0.4%	12	25.3%
12	New tiered fixed fee \$2.40 to \$20.00, 30% fixed revenue goal, volumetric rates reduced to offset increased fixed revenue	14.3	58	3	\$5.58	21	38	21	-14.0%	17	2.6%	25	17,900	9	58	9	8.33	19	8.33	6	-14.0%	23	-16.2%	1	35.5%
21	New tiered fixed fee block 1 at \$1.00, block 2 at \$2.63, block 3 at \$6.00, and blocks 4-5 at \$8.00, 20% fixed revenue goal, new block intervals based on Karen Keesee general recommendations, blocks at 0-2k, 2-6k, 6-11k, 11-20k, and 20k+, reduces spread between blocks 1 and 5, creation of revenue stability reserve fund at 20% total revenue	14.3	58	4	\$4.76	24	47	23	-5.3%	24	113.7%	12	12,600	18	75	11	8	24	3.4	4	-5.3%	24	-16.9%	12	25.3%
22	New tiered fixed fee block 1 at \$1.00, block 2 at \$3.00, block 3 at \$6.00, and blocks 4 at \$12.50, 20% fixed revenue goal, rate blocks reduced to 4, blocks at 0-2k, 2-8k, 8-20k, and 20k+, reduced spread between blocks 1 and 5, creation of revenue stability reserve fund at 20% total revenue	14.3	58	20	(\$1.37)	4	9	5	-25.9%	4	-7.7%	14	13,300	20	76.5	4.5	12.5	16	10.2	22	-25.9%	22	-14.7%	12	25.3%

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Base Option	Approved rates	17	59.5	16	\$0.00	19	33.69	24	0.0%	9,692	0.0%	18.5	13,400	6	53.5	23.5	0	7.5	10.4	3	0.0%	15	0.0%	4.5	25.4%
7	New tiered fixed fee \$2.40 to \$5.50, 20% fixed revenue goal, residential rate blocks change from 2-9K to 2-5K	18.5	60	18	(\$0.99)	14.5	28.19	18.5	-14.5%	9,692	0.0%	6.5	11,400	21	77	17.5	2.29	18	8.55	8.5	-14.5%	21	-14.0%	12	25.3%
11	New tiered fixed fee \$2.40 to \$14.00, 25% fixed revenue goal, volumetric rates reduced to offset increased fixed revenue	18.5	60	5	\$3.28	23	40	22	-13.3%	18	6.8%	24	16,300	8	57	14	5.83	17	9.2	5	-13.3%	19	-6.5%	2	30.5%
8	New tiered fixed fee \$2.40 to \$5.50, 20% fixed revenue goal, residential rate blocks change from 2-9K to 2-7K	20	60.5	11	\$0.48	14.5	28.19	18.5	-14.5%	9,692	0.0%	23	13,600	12	63	17.5	2.29	14.5	10.3	8.5	-14.5%	18	-5.1%	4.5	25.4%
13	No tiered fixed fee, reduced minimum charge to \$5.60 (\$5*), reduced fixed revenue to 0.1%, volumetric rates increased consistently across blocks	21	66	24	(\$3.62)	12	22	1	-31.1%	21	68.4%	4	10,900	26	101	23.5	0	21	6.59	26	-31.1%	4	7.1%	26	12.9%
10	No revenue stability fee implemented in 2012, minimum charge and volume rates increased to recover fee revenue	22	67.5	23	(\$3.14)	17.5	33	14	-21.5%	19	11.1%	10	12,000	17	74.5	23.5	0	13	10.4	13	-21.5%	3	8.7%	22	18.2%
6	No tiered fixed fee, reduced fixed revenue, volumetric rates increased consistently across blocks	23.5	70	22	(\$3.01)	17.5	33	13	-23.1%	20	51.3%	6.5	11,400	24	87	23.5	0	20	7.47	14	-23.1%	6	5.3%	23.5	16.0%
24	New tiered fixed fee block 1 at \$1.00, block 2 at \$3.00, block 3 at \$6.70, and blocks 4 at \$12.50, 20% fixed revenue goal, block rates reduced to 4 blocks instead of 5, blocks at 0-2k, 2-8k, 8-20k, and 20k+, creation of revenue stability reserve fund at 20% total revenue, block rates set higher to recover additional \$4.8 million from higher blocks to fund residential contribution to the reserve fund	23.5	70	26	(\$8.15)	2	4.5	2	-28.2%	2.5	-14.5%	26	18,000	16	72	4.5	12.5	1.5	12	25	-28.2%	20	-13.5%	21	24.2%
17	No tiered fixed fee, reduced fixed revenue to 10.5%, volumetric rates for blocks 1 & 2 increased consistently to recover revenue	25	71	21	(\$2.42)	20	37	15	-20.1%	22	69.2%	5	11,300	25	94	23.5	0	23	6.16	12	-20.1%	12	1.2%	23.5	16.0%
14	No tiered fixed fee, reduced fixed revenue to 10.2%, volumetric rates increased consistently across blocks, 50% of block 5 revenue transferred to revenue stability reserve fund, \$5.5M for reserve from residential only	26	72	25	(\$4.13)	22	39	16	-17.9%	23	82.1%	3	10,500	22	83.5	23.5	0	22	6.18	11	-17.9%	2	9.6%	25	15.1%