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2017 MAY -9 P 3: 27

Arizona Corporation Commission

DOCKETED

MAY 9 2017

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GR

BEFORE THE ARIZONA CORPORATION COMMISSION

TOM FORESE, Chairman
BOB BURNS
DOUG LITTLE
ANDY TOBIN
BOYD W. DUNN

IN THE MATTER OF THE APPLICATION OF
ARIZONA PUBLIC SERVICE COMPANY FOR
A HEARING TO DETERMINE THE FAIR
VALUE OF THE UTILITY PROPERTY OF THE
COMPANY FOR RATEMAKING PURPOSES,
TO FIX A JUST AND REASONABLE RATE OF
RETURN THEREON, TO APPROVE RATE
SCHEDULES DESIGNED TO DEVELOP SUCH
RETURN.

Docket No. E-01345A-16-0036

IN THE MATTER OF FUEL AND
PURCHASED POWER PROCUREMENT
AUDITS FOR ARIZONA PUBLIC SERVICE
COMPANY.

Docket No. E-01345A-16-0123

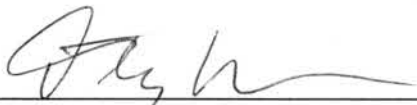
**NOTICE OF FILING LATE FILED
SWEEP EXHIBITS 8A AND 8B**

Southwest Energy Efficiency Project ("SWEEP") hereby provides notice that it is filing
the late filed Exhibits requested by the Administrative Law Judge at the Hearing on May 2, 2017

1 showing the SWEEP analysis of bill impacts for SWEEP rates. The Exhibits have been
2 denominated as SWEEP 8A and 8B and are attached to this Notice.

3 DATED this 9th day of May, 2017.

4 ARIZONA CENTER FOR LAW IN
5 THE PUBLIC INTEREST

6 By 
7 Timothy M. Hogan
8 514 W. Roosevelt Street
9 Phoenix, Arizona 85003
10 *Attorneys for Southwest Energy Efficiency
11 Project*

11 ORIGINAL and 13 COPIES of
12 the foregoing filed this 9th day
13 of May, 2017, with:

14 Docketing Supervisor
15 Docket Control
16 Arizona Corporation Commission
17 1200 W. Washington
18 Phoenix, AZ 85007

19 COPIES of the foregoing
20 electronically mailed this
21 9th day of May, 2017, to:

22 All Parties of Record

23 
24
25

SWEEP LFE 8A SWEEP Analysis of Bill Impacts for SWEEP Rates

SWEEP LFE 8A: Comparison of E-12 (with adjutor transfer \$) to SWEEP proposed rates using \$7.97 BSC for all residential basic rates (\$7.97 BSC for TOU-E also recommended)

Summer Comparison

Total Bill Summer Usage	E-12 w/Adj \$	R-XS SWEEP	R-Basic SWEEP	R-Basic L SWEEP
100	\$ 19.61	\$ 20.19	\$ 21.27	\$ 22.35
200	\$ 30.56	\$ 32.42	\$ 34.57	\$ 36.72
300	\$ 41.50	\$ 44.64	\$ 47.87	\$ 51.10
400	\$ 52.44	\$ 56.86	\$ 61.17	\$ 65.47
500	\$ 67.52	\$ 69.08	\$ 74.47	\$ 79.85
600	\$ 82.59	\$ 81.31	\$ 87.78	\$ 94.22
700	\$ 97.67	\$ 93.53	\$ 101.08	\$ 108.60
800	\$ 112.74	\$ 105.75	\$ 114.38	\$ 122.98
900	\$ 130.16	\$ 117.97	\$ 127.68	\$ 137.35
1000	\$ 147.59	\$ 130.20	\$ 140.98	\$ 151.73
1100	\$ 165.01	\$ 142.42	\$ 154.28	\$ 166.10
1200	\$ 182.43	\$ 154.64	\$ 167.58	\$ 180.48
1300	\$ 199.86	\$ 166.87	\$ 180.88	\$ 194.85
1400	\$ 217.28	\$ 179.09	\$ 194.18	\$ 209.23
1500	\$ 234.71	\$ 191.31	\$ 207.48	\$ 223.61
1600	\$ 252.13	\$ 203.53	\$ 220.79	\$ 237.98
1700	\$ 269.55	\$ 215.76	\$ 234.09	\$ 252.36
1800	\$ 286.98	\$ 227.98	\$ 247.39	\$ 266.73
1900	\$ 304.40	\$ 240.20	\$ 260.69	\$ 281.11
2000	\$ 321.82	\$ 252.42	\$ 273.99	\$ 295.48

\$ Change		E-12 to R-XS SWEEP	E-12 to R-Basic SWEEP	E-12 to R-Basic L SWEEP
	\$	0.58	1.66	2.73
	\$	1.86	4.01	6.16
	\$	3.14	6.37	9.60
	\$	4.42	8.73	13.03
	\$	1.57	6.96	12.33
	\$	(1.29)	5.18	11.63
	\$	(4.14)	3.41	10.93
	\$	(6.99)	1.64	10.24
	\$	(12.19)	(2.48)	7.19
	\$	(17.39)	(6.61)	4.14
	\$	(22.59)	(10.73)	1.09
	\$	(27.79)	(14.85)	(1.96)
	\$	(32.99)	(18.98)	(5.00)
	\$	(38.19)	(23.10)	(8.05)
	\$	(43.39)	(27.22)	(11.10)
	\$	(48.60)	(31.34)	(14.15)
	\$	(53.80)	(35.47)	(17.20)
	\$	(59.00)	(39.59)	(20.24)
	\$	(64.20)	(43.71)	(23.29)
	\$	(69.40)	(47.83)	(26.34)

% Change		E-12 to R-XS SWEEP	E-12 to R-Basic SWEEP	E-12 to R-Basic L SWEEP
	%	3%		
	%	6%		
	%	8%		
	%	8%		
	%	2%		
	%	-2%		
	%	-4%		
	%		3%	
	%		1%	
	%		-2%	
	%		-4%	
	%		-7%	
	%		-8%	
	%		-3%	
	%		-4%	
	%		-5%	
	%		-6%	
	%		-6%	
	%		-7%	
	%		-8%	
	%		-8%	

% of Bill Change from BSC Increase		E-12 to R-XS SWEEP	E-12 to R-Basic SWEEP	E-12 to R-Basic L SWEEP
	%	-121%		
	%	-38%		
	%	-22%		
	%	-16%		
	%	-45%		
	%	54%		
	%	17%		
	%		-21%	
	%		-43%	
	%		28%	
	%		11%	
	%		7%	
	%		5%	
	%		5%	
	%		14%	
	%		9%	
	%		6%	
	%		5%	
	%		4%	
	%		3%	
	%		3%	
	%		3%	

Based on data APS provided in response to SWEEP 4.1

SWEEP LFE 8A (continued)

Winter Comparison

Total Bill Winter

Usage	E-12 w/Adj	R-XS SWEEP	R-Basic SWEEP	R-Basic L SWEEP
82	\$ 17.64	\$ 17.99	\$ 18.88	\$ 19.76
164	\$ 26.62	\$ 28.02	\$ 29.78	\$ 31.55
246	\$ 35.59	\$ 38.04	\$ 40.69	\$ 43.33
328	\$ 44.57	\$ 48.06	\$ 51.60	\$ 55.12
410	\$ 53.54	\$ 58.08	\$ 62.50	\$ 66.91
492	\$ 62.51	\$ 68.11	\$ 73.41	\$ 78.70
486	\$ 58.46	\$ 63.58	\$ 68.49	\$ 73.38
520	\$ 65.58	\$ 71.53	\$ 77.14	\$ 82.72
565	\$ 72.69	\$ 79.47	\$ 85.78	\$ 92.07
580	\$ 72.14	\$ 78.86	\$ 85.12	\$ 91.35
638	\$ 78.49	\$ 85.95	\$ 92.83	\$ 99.69
696	\$ 84.84	\$ 93.04	\$ 100.54	\$ 108.02
754	\$ 91.19	\$ 100.13	\$ 108.26	\$ 116.36
812	\$ 97.53	\$ 107.22	\$ 115.97	\$ 124.70
870	\$ 103.88	\$ 114.31	\$ 123.69	\$ 133.04
928	\$ 110.23	\$ 121.40	\$ 131.40	\$ 141.38
986	\$ 116.57	\$ 128.49	\$ 139.12	\$ 149.71
1116	\$ 130.80	\$ 144.38	\$ 156.41	\$ 168.40
1178	\$ 137.59	\$ 151.95	\$ 164.66	\$ 177.32
1240	\$ 144.37	\$ 159.53	\$ 172.90	\$ 186.23

\$ Change

E-12 to R-XS SWEEP	E-12 to R-Basic SWEEP	E-12 to R-Basic L SWEEP
\$ 0.35	\$ 1.23	\$ 2.11
\$ 1.40	\$ 3.17	\$ 4.93
\$ 2.45	\$ 5.10	\$ 7.74
\$ 3.50	\$ 7.03	\$ 10.56
\$ 4.54	\$ 8.97	\$ 13.37
\$ 5.59	\$ 10.90	\$ 16.19
\$ 5.12	\$ 10.03	\$ 14.92
\$ 5.95	\$ 11.56	\$ 17.15
\$ 6.78	\$ 13.09	\$ 19.38
\$ 6.72	\$ 12.97	\$ 19.21
\$ 7.46	\$ 14.54	\$ 21.20
\$ 8.20	\$ 15.71	\$ 23.19
\$ 8.94	\$ 17.07	\$ 25.18
\$ 9.69	\$ 18.44	\$ 27.17
\$ 10.43	\$ 19.81	\$ 29.16
\$ 11.17	\$ 21.18	\$ 31.15
\$ 11.91	\$ 22.54	\$ 33.14
\$ 13.57	\$ 25.61	\$ 37.60
\$ 14.37	\$ 27.07	\$ 39.73
\$ 15.16	\$ 28.53	\$ 41.86

% Change

E-12 to R-XS SWEEP	E-12 to R-Basic SWEEP	E-12 to R-Basic L SWEEP
2%		
5%		
7%		
8%		
8%		
9%		
9%		
17%		
17%		
18%		
18%		
18%		
18%		
19%		
27%		
27%		
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28%		
28%		
28%		
28%		
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28%		
29%		
29%		
29%		

% of Bill Change from BSC Increase

E-12 to R-XS SWEEP	E-12 to R-Basic SWEEP	E-12 to R-Basic L SWEEP
-200%		
-50%		
-29%		
-20%		
-15%		
-13%		
-14%		
-7%		
-6%		
-5%		
-5%		
-5%		
-5%		
-5%		
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-2%		
-2%		

SWEEP LFE 8B (continued)

Winter Comparison

Total Bill Winter Usage	E-12 w/Adj \$	R-XS SWEEP	R-Basic SWEEP	R-Basic L SWEEP
82	\$ 17.64	\$ 17.99	\$ 20.69	\$ 21.65
164	\$ 26.62	\$ 28.02	\$ 31.38	\$ 33.31
246	\$ 35.59	\$ 38.04	\$ 42.07	\$ 44.96
328	\$ 44.57	\$ 48.06	\$ 52.77	\$ 56.62
410	\$ 53.54	\$ 58.08	\$ 63.46	\$ 68.27
492	\$ 62.51	\$ 68.11	\$ 74.15	\$ 79.93
456	\$ 58.46	\$ 63.58	\$ 69.33	\$ 74.67
520	\$ 65.58	\$ 71.53	\$ 77.80	\$ 83.91
585	\$ 72.69	\$ 79.47	\$ 86.28	\$ 93.15
580	\$ 72.14	\$ 78.86	\$ 85.62	\$ 92.44
638	\$ 78.49	\$ 85.95	\$ 93.19	\$ 100.68
696	\$ 84.84	\$ 93.04	\$ 100.75	\$ 108.92
754	\$ 91.19	\$ 100.13	\$ 108.31	\$ 117.17
812	\$ 97.53	\$ 107.22	\$ 115.87	\$ 125.41
870	\$ 103.88	\$ 114.31	\$ 123.44	\$ 133.66
928	\$ 110.23	\$ 121.40	\$ 131.00	\$ 141.90
986	\$ 116.57	\$ 128.49	\$ 138.56	\$ 150.14
1116	\$ 130.80	\$ 144.38	\$ 155.51	\$ 168.62
1178	\$ 137.59	\$ 151.95	\$ 163.59	\$ 177.43
1240	\$ 144.37	\$ 159.53	\$ 171.68	\$ 186.24

\$ Change	E-12 to R-XS SWEEP	E-12 to R-Basic SWEEP	E-12 to R-Basic L SWEEP
\$ 0.35	\$ 3.05	\$ 4.01	\$ 6.69
\$ 1.40	\$ 4.77	\$ 6.69	\$ 9.37
\$ 2.45	\$ 6.48	\$ 9.37	\$ 12.05
\$ 3.50	\$ 8.20	\$ 12.05	\$ 14.74
\$ 4.54	\$ 9.92	\$ 14.74	\$ 17.42
\$ 5.59	\$ 11.64	\$ 17.42	\$ 20.10
\$ 5.12	\$ 10.86	\$ 16.21	\$ 18.33
\$ 5.95	\$ 12.22	\$ 18.33	\$ 20.46
\$ 6.78	\$ 13.59	\$ 20.46	\$ 22.19
\$ 6.72	\$ 13.48	\$ 20.29	\$ 22.19
\$ 7.46	\$ 14.70	\$ 22.19	\$ 24.09
\$ 8.20	\$ 15.91	\$ 24.09	\$ 25.98
\$ 8.94	\$ 17.13	\$ 25.98	\$ 27.88
\$ 9.69	\$ 18.34	\$ 27.88	\$ 29.78
\$ 10.43	\$ 19.56	\$ 29.78	\$ 31.67
\$ 11.17	\$ 20.77	\$ 31.67	\$ 33.57
\$ 11.91	\$ 21.99	\$ 33.57	\$ 37.82
\$ 13.57	\$ 24.71	\$ 37.82	\$ 39.85
\$ 14.37	\$ 26.01	\$ 39.85	\$ 41.87
\$ 15.16	\$ 27.31	\$ 41.87	

% Change	E-12 to R-XS SWEEP	E-12 to R-Basic SWEEP	E-12 to R-Basic L SWEEP
2%			
5%			
7%			
8%			
8%			
9%			
19%			
19%			
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29%			
29%			

% of Bill Change from BSC Increase	E-12 to R-XS SWEEP	E-12 to R-Basic SWEEP	E-12 to R-Basic L SWEEP
-200%			
-50%			
-29%			
-20%			
-15%			
-13%			
-14%			
11%			
12%			
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