## Ten-year Accounting of Depletions and Accretions to Usable Stateline Flow 2007 - 2016

1	2	3	4	5	6	7	8	9
		H-I Model	Offset Account Credits <sup>2</sup>					Remaining
Year of		Usable	Stateline			Applied to		Usable
Ten-year	Model	Depletion/	Delivery to	Evaporation	Gross	Post-1985	Net	Depletion/
Cycle	Year	Accretion <sup>1</sup>	Kansas	Credit	Credit <sup>3</sup>	Depletions <sup>4</sup>	Credit <sup>5</sup>	Accretion <sup>6</sup>
1	2007	-301	6,650	0	6,650	1,025	5,625	-5,926
2	2008	-2,198	11,617	0	11,617	1,288	10,329	-12,527
3	2009	-148	5,511	0	5,511	1,256	4,255	-4,403
4	2010	410	10,241	0	10,241	1,548	8,693	-8,283
5	2011	1,841	6,436	0	6,436	1,717	4,719	-2,878
6	2012	4,044	0	0	0	1,479	-1,479	5,523
7	2013	2,594	0	0	0	1,505	-1,505	4,099
8	2014	4,332	2,728	0	2,728	1,635	1,093	3,239
9	2015	2,779	2,695	0	2,695	2,337	358	2,421
10	2016	4,328	4,044	0	4,044	3,043	1,001	3,327
Total		17,681	49,922	0	49,922	16,833	33,089	-15,408
Shortfall for 2017								0

Water Quantities are in acre-feet.

1 Positive values in Columns 3 and 9 reflect depletions; negative values, accretions. H-I Model results in Column 3 for 2016 are based on input file UPDATE16\_June17.dat.

<sup>2</sup> Positive values in Columns 4, 5, 6, and 8 reflect credits; negative values, debits.

<sup>3</sup> Column 6 is the sum of Columns 4 and 5.

<sup>4</sup> Column 7, a positive value, is the amount of Offset Credit applied to Post-1985 depletions, determined pursuant to Appendix A.3 of the 2009 Judgment and Decree in KS v CO.

<sup>5</sup> Column 8 is Column 6 minus Column 7.

<sup>6</sup> Column 9 is Column 3 minus Column 8.

## **ARCA Annual Meeting**