

## EWA Accounting and Water Cost in Water Years 2001-2006<sup>1</sup>

<b>EWA Assets Acquired</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006<sup>a/</sup></b>
<b>Water Purchases</b>	<b>TAF</b>	<b>TAF</b>	<b>TAF</b>	<b>TAF</b>	<b>TAF</b>	<b>TAF</b>
Sources upstream of Delta	105	142	70	119	6 <sup>b/</sup>	
Sources in export area	231	98	145	35	99	
Total purchases	336	240	215	154	105	<sup>c/</sup>
<b>Exchanges</b>					50	
<b>Operational Assets</b> (e.g. E:I flexibility)	48	83	91		150	120
Losses <sup>d/</sup>	-17	-51	-16	-33 <sup>e/</sup>		
<b>Net Assets Obtained</b>	<b>367</b>	<b>272</b>	<b>290</b>	<b>121</b>	<b>305</b>	<b>120</b>
Assets/Debt Carried Over from Prior Yr		77	58		-18	-50
<b>Total Assets Available for WY</b>	<b>367</b>	<b>349</b>	<b>348</b>	<b>121</b>	<b>287</b>	<b>70</b>
<b>EWA Asset Costs, Million \$ <sup>f/</sup></b>						
State	\$54.4	\$17.8	\$30.5	\$19.6	\$17.9	\$0
Federal	\$10.0 <sup>g/</sup>	\$11.5	\$0	\$0	\$0	\$0
<b>Total Asset Costs for WY</b>	<b>\$64.4</b>	<b>\$29.3</b>	<b>\$30.5</b>	<b>\$19.6</b>	<b>\$17.9</b>	<b>\$0</b>
Average price/acre-foot <sup>h/</sup>	\$192/AF	\$118/AF	\$ 142/AF	\$124/AF	\$172/AF	NA
<b>EWA Asset Use</b>	<b>TAF</b>	<b>TAF</b>	<b>TAF</b>	<b>TAF</b>	<b>TAF</b>	<b>TAF</b>
SWP/CVP pumping reductions						
Chinook salmon / steelhead	86				4	
Salmonids and delta smelt	137	67	121		166	3
VAMP period	43	45	32	19	134	55
Post-VAMP period: delta smelt and Chinook salmon	24	137	195	104	35	91
<b>Total EWA pumping reductions for fish protection</b>	<b>290</b>	<b>249</b>	<b>348</b>	<b>123</b>	<b>339</b>	<b>148</b>
Pumping reduction during conversion of EWA water to project water in San Luis Reservoir		38		<1		
Upstream use for salmon / steelhead		4		15	2	
<b>Total EWA Expenditures for WY</b>	<b>290</b>	<b>291</b>	<b>348</b>	<b>139</b>	<b>341</b>	<b>148</b>

<sup>a/</sup> Numbers for water year 2006 are preliminary and subject to change.

<sup>b/</sup> In 2005, 2 TAF of the YCWA purchase could not be pumped to offset EWA debt. The 2 TAF did provide instream benefit for salmon and steelhead in October 2005.

<sup>1</sup> Asset accounting is maintained by water year (October 1 – September 30), except that assets purchased in one water year and delivered to the projects in the following water year are credited in the year of purchase.

c/ A state contract for 62 TAF for EWA was in place with YCWA in 2006, but excess conditions in the Delta through mid-October precluded a transfer. Federal and state multi-year contracts were also in place to provide EWA Assets in the export area, but were not activated due to the availability of operational assets, relatively low asset use, and the potential to offset EWA debt in the 2006-2007 winter.

d/ Includes carriage water losses associated with EWA transfers through the Delta, conveyance loss to Delta from San Joaquin River tributary sources, and water lost when spilled from a storage facility due to relatively low priority for the EWA.

e/ Based on carriage losses and operational losses in 2004. Of these losses, 3 TAF represents spills during flood releases at Folsom Dam. An additional 15 TAF provided a late season release to the American River to provide habitat enhancement for Chinook salmon (benefit shown in 2004); the releases could not be pumped in the Delta.

f/ Costs exclude operational assets, source shifting, and exchanges. EWA activated a 50 TAF source shift in 2001 at a cost of \$4,250,000 in addition to the amounts shown in the table. EWA purchased options to activate source shifting in 2002 (\$1,000,000), 2003 (\$500,000), and 2004 (\$500,000) but did not activate the source shift. Costs shown for 2005 exclude a \$4,250,000 million dollar deposit as part of an exchange whereby EWA received 50 TAF of water. The deposit will be credited to EWA's cost of return water in a future year. Costs also exclude a payment of \$4,340,000 to YCWA for a 2006 transfer of 62 TAF that has not yet occurred due to excess conditions in the Delta. The deposit will be credited to deliveries in a future year, unless deliveries can be made in 2007 above the amount of transfer water contracted with YCWA in that year. All costs listed in this footnote are state costs.

g/ Amount paid for water purchased by Reclamation initially for CVP purposes and subsequently provided to the EWA.

h/ Average price calculations exclude operational assets, exchanges, and source shifting. The average prices include the Federal water contribution in 2001.