



October 18, 2018

Via Electronic Submittal (eFile)

Kimberly D. Bose, Secretary
 FEDERAL ENERGY REGULATORY COMMISSION
 888 – 1st Street, N.E.
 Washington, D.C. 20426-0001

Subject: Yuba River Development Project
FERC Project No. 2246-065 – California
Errata to YCWA’s September 28, 2018, Letter Regarding Water Costs

Dear Secretary Bose:

This letter provides errata to a September 28, 2018, letter filed by the Yuba County Water Agency (YCWA) with the Federal Energy Regulatory Commission (FERC). The letter pertained to additional information regarding water costs.

The letter included two summary tables identified as Tables 2 and 3. To prepare the information in the tables, YCWA used three previous model runs from previous filing and a fourth, new model run. The fourth model run was used as the baseline for calculating surface water transfer volumes that together with transfer water prices result in the fourth column “Surface Water Transfers” in the tables.

After filing its letter, YCWA identified an error in this fourth model run that resulted in incorrect water year types and resulting required instream flows under the baseline conditions. Using a corrected model results in changes to the surface water transfer values in Table 2 in seven years and changes to the surface water transfer values in Table 3 in six years. Provided below are corrected Tables 2 and 3, with the changes shown in ~~strikeout~~/underline.

Corrected Table 2. Lost revenue compared to the Base Case related to power generation, reimbursements for groundwater pumping and water transfers by water year for implementation of CDFW’s and USFWS’s FPA Section 10(j) flow recommendations.

Water Year	Lost Revenue (2016 \$)				
	Power Generation	Water Supply Shortages	Surface Water Transfers	Groundwater Substitution Transfers	Total
1970	(94,879)	(2,606,288)	0	--	(2,701,167)
1971	(8,942,638)	(429,927)	(1,341,190)	--	(10,713,755)
1972	(1,173,932)	--	(341,005)	--	(1,514,937)
1973	(3,400,654)	--	(936,277)	--	(4,336,931)
1974	(5,314,408)	--	(943,351)	--	(6,257,760)
1975	(1,648,319)	--	(273,012)	--	(1,921,330)
1976	(1,845,173)	--	(4,912,864)	--	(6,758,037)

Corrected Table 2. (continued)

Water Year	Lost Revenue (2016 \$)				Total
	Power Generation	Water Supply Shortages	Surface Water Transfers	Groundwater Substitution Transfers	
1977	109,040	313,365	--	--	422,406
1978	(1,545,772)	(47,620)	(1,125,006)	--	(2,718,397)
1979	(1,445,799)	--	(1,450,530)	--	(2,896,329)
1980	(1,374,791)	--	(814,956)	--	(2,189,747)
1981	802,489	--	88,449	--	890,938
1982	(3,262,377)	--	(685,662)	--	(3,948,039)
1983	(4,328,835)	--	--	--	(4,328,835)
1984	(461,414)	--	(587,255)	--	(1,048,669)
1985	(2,473,267)	--	(29,203)(79,625)	--	(2,502,470) (2,552,892)
1986	(4,256,858)	--	247,847 254,155	--	(4,009,011) (4,002,692)
1987	(2,088,238)	--	(3,079,579)	--	(5,167,817)
1988	(88,856)	--	(3,413,418)	(39,900,000)	(43,402,274)
1989	(1,482,273)	--	757,163	--	(725,111)
1990	(1,299,880)	--	(8,738,727)	--	(10,038,607)
1991	(1,340,561)	--	(3,631,489)	--	(4,972,050)
1992	288,071	--	(14,554,936)	--	(14,266,865)
1993	(6,777,521)	--	(1,643,312)	--	(8,420,833)
1994	711,731	--	308,714	(14,250,000)	(13,229,555)
1995	(4,639,135)	--	(92,847)	--	(4,731,982)
1996	(3,943,824)	--	(585,086)	--	(4,528,910)
1997	1,896,680	(771,618)	15,701	--	1,140,763
1998	(5,786,296)	(152,207)	(0)	--	(5,938,503)
1999	(2,482,895)	--	(606,185)	--	(3,089,080)
2000	(1,645,537)	--	(526,918)	--	(2,172,456)
2001	(2,528,366)	--	(4,237,872)	--	(6,766,239)
2002	2,918,208	--	(1,034,105) (3,603,227)	--	1,884,103 (685,019)
2003	(7,624,068)	--	413,853 331,308	--	(7,210,215) (7,292,760)
2004	(903,475)	(1,808,419)	162,691	(24,000,000)	(26,549,203)
2005	(4,801,244)	(357,274)	0	--	(5,158,518)
2006	(596,673)	--	(1,267)	--	(597,940)
2007	602,735	(676,739)	(3,674,560) (3,265,966)	(26,250,000)	(29,998,564) (29,589,970)
2008	(3,165,035)	(148,014)	(6,541,920) (6,473,455)	--	(9,854,969) (9,786,503)
2009	(5,428,778)	--	(2,777,189) (5,267,959)	--	(8,205,967) (10,696,737)
2010	(1,550,992)	--	(265,295)	--	(1,816,287)
Annual Average	(2,253,995)	(163,042)	(1,630,502) (1,745,368)	(2,546,341)	(6,593,882) (6,708,747)

Corrected Table 3. Lost revenue compared to the YCWA's AFLA related to power generation, reimbursements for groundwater pumping and water transfers by water year for implementation of CDFW's and USFWS's FPA Section 10(j) flow recommendations.

Water Year	Lost Revenue (2016 \$)				Total
	Power Generation	Water Supply Shortages	Surface Water Transfers	Groundwater Substitution Transfers	
1970	(399,296)	(2,606,288)	(3,174)	--	(3,008,757)
1971	(7,481,458)	(429,927)	(1,252,337)	--	(9,163,721)
1972	(170,094)	--	(368,322)	--	(538,416)
1973	(1,495,952)	--	(1,170,711)	--	(2,666,663)
1974	(808,408)	--	(18,486)	--	(826,894)
1975	(364,183)	--	(25,749)	--	(389,932)
1976	(264,220)	--	(2,399,665)	--	(2,663,885)
1977	(571,721)	1,469	--	--	(570,252)
1978	(506,900)	54,592	(568,783)	--	(1,021,092)
1979	(777,124)	--	(1,368,996)	--	(2,146,119)
1980	(731,422)	--	(361,967)	--	(1,093,389)
1981	1,634,392	--	29,551	--	1,663,943
1982	(2,827,253)	--	(229,835)	--	(3,057,088)
1983	(598,267)	--	--	--	(598,267)
1984	92,535	--	(409,160)	--	(316,625)
1985	(973,244)	--	(2,444)	--	(975,688)
1986	(2,996,302)	--	<u>71,200-77,529</u>	--	<u>(2,925,103)</u> <u>(2,918,773)</u>
1987	(676,429)	--	-	--	(676,429)
1988	480,622	--	(2,233,252)	(39,900,000)	(41,652,630)
1989	(1,297,939)	--	(232,239)	--	(1,530,178)
1990	19,550	--	(8,605,557)	--	(8,586,007)
1991	(1,246,284)	--	(2,536,190)	--	(3,782,475)
1992	743,151	--	(14,679,330)	--	(13,936,179)
1993	(5,919,603)	--	(1,415,090)	--	(7,334,692)
1994	1,534,448	--	178,294	(14,250,000)	(12,537,258)
1995	(2,685,978)	--	(13,565)	--	(2,699,544)
1996	(2,755,440)	--	(382,055)	--	(3,137,494)
1997	1,413,275	(771,618)	10,941	--	652,598
1998	(3,069,333)	(152,207)	(2,630)	--	(3,224,170)
1999	(969,955)	--	(470,770)	--	(1,440,726)
2000	(632,865)	--	(533,802)	--	(1,166,667)
2001	(601,717)	--	17,034	--	(584,683)
2002	2,566,673	--	<u>(61,067)-(2,698,309)</u>	--	<u>2,505,606-(131,635)</u>
2003	(5,876,735)	--	<u>(215,863)-(238,904)</u>	--	<u>(6,092,598)</u> <u>(6,115,638)</u>
2004	145,421	(1,808,419)	(264,023)	(24,000,000)	(25,927,021)
2005	(3,856,175)	(357,274)	0	--	(4,213,448)
2006	409,818	--	(116)	--	409,702
2007	1,211,456	(676,739)	<u>(6,193,201)</u> <u>(5,784,607)</u>	(26,250,000)	<u>(31,908,483)</u> <u>(31,499,889)</u>
2008	(2,448,280)	(148,014)	<u>(6,692,922)</u> <u>(6,624,457)</u>	--	<u>(9,289,216)</u> <u>(9,220,751)</u>
2009	(4,053,820)	--	<u>(2,479,460)</u> <u>(4,721,069)</u>	--	<u>(6,533,280)</u> <u>(8,774,889)</u>
2010	(569,476)	--	(106,463)	--	(675,939)
Annual Average	(1,155,476)	(168,157)	(1,341,224) (1,448,993)	(2,546,341)	(5,211,199) (5,318,967)

In addition, the fourth paragraph in page 5 of YCWA's September 28, 2018, letter provides summary statistics for Table 2. Using the corrected table values, this sentence should read "As shown in Corrected Table 2, CDFW's and USFWS's recommended flows would result in a range of annual revenue changes compared to the Base Case of an increase of \$~~1.14~~⁹ million to a decrease of \$~~43.441~~⁷ million, and an average annual revenue loss for the entire period of \$~~6.75~~² million".

The corrected model and results data file are attached to this letter.

If you have any questions regarding this letter, please contact me.

Sincerely,



Curt Aikens
General Manager

Attachment: Corrected YCWA's Operations Model Run – Fourth Scenario (1 Microsoft Excel File at 700KB and 1 DSS File at 4.9MB)

cc: Alan Mitchnick, FERC DC
Parties on FERC's Official Service List for the Yuba River Development Project Relicensing, FERC Project No. 2246-042
Relicensing Participants on YCWA's Yuba River Development Project's Relicensing E-Mail Contact List (via e-mail)

Attachment 1

Corrected YCWA's Operations Model Run – Fourth Scenario

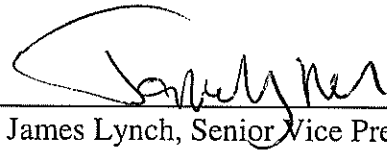
**(Due to the file type of the contents of this attachment, they will be)
submitted to FERC via hardcopy disc**

To request a copy of Attachment 1, please contact YCWA.

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing document upon each person designated on the official service list compiled by the Secretary of the Federal Energy Regulatory Commission in this proceeding (Yuba River Development Project, FERC Project No. 2246-065).

Dated in Sacramento, CA, this 18th day of October 2018.



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