

Appendix 4

Revised YCWA Proposed Conditions

YCWA’s Proposed Condition AR3: Maintain Minimum Streamflows Downstream of Narrows 2 Powerhouse and Narrows 2 Full Bypass¹

Licensee, in coordinated operations with the licensee for the Narrows Project (FERC No. 1403) under the coordinated operations agreement or Commission order described in Licensee’s proposed Condition GEN4, shall meet the minimum streamflows in the Yuba River shown in Table 1 of this condition. These streamflows shall be measured at the indicated USGS gages, which are located downstream of the combined releases of the Narrows Project, the Narrows 2 Powerhouse and the Narrows 2 Full Bypass. Licensee shall record minimum streamflow at all gages as required by USGS (Article 8 of FERC’s Form L-5, Standard Articles).

Table 1. Minimum Streamflows in cubic feet per second (cfs) for the Yuba River Development Project by month and Water Year Type, which is defined in Licensee’s Proposed Condition WR3.

Month	Schedule 1	Schedule 2	Schedule 3	Schedule 4	Schedule 5	Schedule 6	Conference Year
YUBA RIVER - BELOW NARROWS 2 POWERHOUSE/NARROWS 2 FULL BYPASS (COMPLIANCE POINT: SMARTSVILLE - USGS STREAMFLOW GAGE 11418000)							
October 1 – 15	700	700	700	700	600	600	500
October 16 - 31	700	700	700	700	600	600	500
November 1 - 30	700	700	700	700	600	600	500
December 1 - 31	700	700	700	700	550	550	500
January 1- 15	700	700	700	700	550	550	500
January 16 – 31	700	700	700	700	550	550	500
February 1 - 29	700	700	700	700	550	550	500
March 1- 31	700	700	700	700	550	550	500
April 1 – 15	700	700	700	700	600	600	500
April 16 – 30	--	--	--	--	--	--	--
May 1 – 15	--	--	--	--	--	--	--
May 16 – 31	--	--	--	--	--	--	--
June 1 - 15	--	--	--	--	--	--	--
June 16 – 30	--	--	--	--	--	--	--
July 1 – 31	--	--	--	--	--	--	--
August 1 – 31	--	--	--	--	--	--	--
September 1 – 30	700	700	700	700	500	500	500
YUBA RIVER - BELOW NARROWS 2 POWERHOUSE/NARROWS 2 FULL BYPASS (COMPLIANCE POINT: MARYSVILLE - USGS STREAMFLOW GAGE 11421000)							
October 1 - 15	500	500	500	400	400	350	350
October 16 - 31	500	500	500	400	400	350	350
November 1 - 30	500	500	500	500	500	350	350
December 1 - 31	500	500	500	500	500	350	350
January 1- 15	500	500	500	500	500	350	350
January 16 – 31	500	500	500	500	500	350	350
February 1 - 29	500	500	500	500	500	350	350
March 1- 31	700	700	500	500	500	350	350
April 1 - 15	1,000	700	700	600	500	350	300
April 16 - 30	1,000	800	700	900	600	500	245
May 1 - 15	2,000	1,000	900	900	600	500	245

¹ If the Commission includes YCWA Proposed Condition AR3 in YCWA’s new license, then YCWA will ask the SWRCB to amend the provisions regarding Conference Year flows in YCWA’s water-right permits so that they are consistent with the Conference Year requirements in YCWA’s new license.

Table 1. (continued)

Month	Schedule 1	Schedule 2	Schedule 3	Schedule 4	Schedule 5	Schedule 6	Conference Year
YUBA RIVER - BELOW NARROWS 2 POWERHOUSE/NARROWS 2 FULL BYPASS (COMPLIANCE POINT: MARYSVILLE - USGS STREAMFLOW GAGE 11421000) (cont'd)							
May 16 - 31	2,000	1,000	900	600	400	400	245
June 1 - 15	1,500	800	500	400	400	300	245
June 16 - 30	1,500	500	500	400	400	150	150
July 1 - 31	700	500	500	400	400	150	150
August 1 - 31	600	500	500	400	400	150	150
September 1 - 30	500	500	500	400	400	350	150

Minimum streamflows in this condition shall mean the 5-day running average of average daily streamflows, with the 15-minute flows not less than 90 percent of the specified flow requirement in Table 1 of this condition. In addition, 15-minute flows shall not be less than the applicable flow requirement specified in Table 1 for more than 48 consecutive hours.

Minimum streamflows in this condition may be temporarily modified for short periods, as necessary for powerhouse outages required for inspections and maintenance purposes, upon approval of the Commission.

Minimum streamflows may be temporarily modified due to an emergency. An emergency is defined as an outage due to an event that is reasonably out of the control of Licensee and requires Licensee to take immediate action, either unilaterally or under instruction of law enforcement, emergency services, California ISO or other regulatory agency staff, including actions to prevent or reduce the imminent loss of human life or damage to property. An emergency may include, but is not limited to: natural events such as earthquakes, landslides, storms, or wildfires; vandalism; malfunction or failure of transmission lines or Project works; or other public safety incidents. If Licensee temporarily modifies the requirements of this condition due to an emergency, Licensee shall make all reasonable efforts to promptly resume performance of the requirements, and shall notify the NMFS, USFWS, Cal Fish and Wildlife and the SWRCB within 48 hours of the start of the modification. Licensee shall provide notification to the Commission as soon as possible but no later than 10 days after such incident.

If any of the minimum flow requirements in YCWA’s water right permits are temporarily modified by the SWRCB or its Deputy Director for Water Rights, and if Licensee, NMFS, USFWS and Cal Fish and Wildlife agree, then Licensee may make corresponding temporary modifications to the requirements in this condition. Licensee shall provide notification to the Commission as soon as possible but no later than 10 days after such temporary modifications are made.

In addition to maintaining the minimum streamflows specified in Table 1, Licensee shall operate New Bullards Bar Dam and Reservoir to provide water releases in Water Years when Schedule 6 is in effect to cause an additional 30,000 acre-feet of water not included in the flows in Table 1 to flow in the lower Yuba River at the Marysville Gage, but only during the portions of such Water Years when this water can be accounted for as Delivered Transfer Water under Licensee’s December 4, 2007 Water Purchase

Agreement with the California Department of Water Resources (as that agreement has been or may be amended and extended from time to time) or to other transferees for diversions and uses downstream from the confluence of the lower Yuba River and the Feather River under applicable provisions of California law. Licensee may coordinate with Licensee's Member Units to pump groundwater supplies to substitute for deliveries of all or a portion of this 30,000 acre-feet of water to them.

On or before April 10, in Water Years when Schedule 6 is in effect, Licensee shall notify the Ecological Group (see AFLA Appendix E2, Proposed Measure GEN1: Organize Ecological Group and Host Meetings) in writing of Licensee's proposed schedule to provide additional flows in the lower Yuba River at the Marysville Gage during the June 1 through August 31 period for the 30,000 acre-feet of water that is not included in the minimum flows in Table 1. On or before May 1, YCWA will provide any refinement to the proposed schedule. On or before May 15, the Ecological Group will notify Licensee in writing of any Ecological Group proposed modifications to Licensee's proposed schedule. If Licensee and the Ecological Group do not reach written agreement on the schedule by May 21, then Licensee will allocate the 30,000 acre-feet to achieve uniform flows at the Marysville Gage during the portions of the June 1 through August 31 period in which such water is transferable, as described in the preceding paragraph of this condition.

YCWA's Proposed Condition GS3: Implement Our House and Log Cabin Diversion Dams and New Bullards Bar Reservoir Woody Material Management Plan

“Licensee shall implement the Our House and Log Cabin Diversion Dams and New Bullards Bar Reservoir Woody Material Management Plan that was filed with the Commission by Licensee on ~~October 27, 2016 (Accession #20161027-5175, Encl. 1E, NBB Woody Material Plan)~~ October 10, 2017, in Appendix 12 of the Response of the Yuba County Water Agency to Comments, Recommendations, Preliminary Terms and Conditions, and Preliminary Fishway Prescriptions.”