

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Public Utility District No. 1 of Chelan County

Project No. 637-108

ORDER AMENDING MINIMUM INSTREAM FLOW TABLE

(Issued January 23, 2018)

1. On December 15, 2017, Public Utility District No. 1 of Chelan County, Washington, licensee for the Lake Chelan Hydroelectric Project No. 637, filed a request to correct the footnotes in the minimum instream flow table (Table 1) that was amended by the Commission's December 7, 2017 order.¹ The minimum instream flow table requires specific flows be provided to the bypass reaches, including Reach 4 (habitat channel).
2. In order to accurately reflect the methods by which it monitors spawning flow discharge, the licensee requests that the Commission amend the minimum instream flow table in its December 7, 2017 order. The licensee requests that Footnote 1 of the minimum instream flow table be changed from "Flows measured at the dam by calibrated gate rating" to "Flows measured at the dam by ultrasonic flow meter." Further, the licensee requests that Footnote 2 of the minimum instream flow table be changed from "Flows measured at the dam or through calibrated pump discharge curves" to "Flows measured at the dam and at the pump station by ultrasonic flow meter." The amended table and footnotes requiring the updated change, are located in paragraph 10 and ordering paragraph (B) of the Commission's December 7, 2017 order.

¹ Order Amending Minimum Pumped Spawning Flow and Related License Requirements (161 FERC ¶ 62,182).

3. In its amended form, the minimum instream flow table would read as follows (footnotes amended and bolded for emphasis):

Table 1. Minimum Instream Flow Requirements for the Chelan River

Reach	Dry year (cfs)	Average year (cfs)	Wet year (cfs)
1,2,&3 ¹	80 all months	80 July 16-May 14	80 July 16-May 14
		May 14 ramp up to 200	May 14 Ramp up to 320
		200 May 15-July 15	320 May 15-July 15
		July 15 ramp down to 80	July 16 ramp down to 80
4 ² Spawning flow	80 + 180 pumped March 15 to May 15 and Oct. 15 to Nov. 30	260 by combination of spill & pumping March 15 to May 15 and Oct. 15 to Nov. 30 Incubation flow, as needed	260 by combination of spill & pumping March 15 to May 15 and Oct. 15 to Nov. 30 Incubation flow, as needed

¹ **Flows measured at the dam by ultrasonic flow meter.**

² **Flows measured at the dam and at the pump station by ultrasonic flow meter.**

4. The licensee's request to amend spawning flows to the habitat channel (that are a part of the minimum instream flow table) was approved by the Commission's December 7, 2017 order. This order approves the licensee's request to amend the footnotes of the minimum instream flow table throughout its reference in the license and within the Commission's December 7, 2017 order. The amended footnotes would more accurately describe the method by which flow releases into the four reaches of the bypass are measured. The licensee's request is reasonable and therefore should be approved.

The Director orders:

(A) Public Utility District No. 1 of Chelan County's (licensee) request, filed December 15, 2017, to amend the footnotes in the minimum instream flow table in the Commission's December 7, 2017 order and in its reference throughout the license, is approved.

(B) The revised table is amended as follows:

Table 1. Minimum Instream Flow Requirements for the Chelan River

Reach	Dry year (cfs)	Average year (cfs)	Wet year (cfs)
1,2,&3 ¹	80 all months	80 July 16-May 14	80 July 16-May 14
		May 14 ramp up to 200	May 14 Ramp up to 320
		200 May 15-July 15	320 May 15-July 15
		July 15 ramp down to 80	July 16 ramp down to 80
4 ² Spawning flow	80 + 180 pumped March 15 to May 15 and Oct. 15 to Nov. 30	260 by combination of spill & pumping March 15 to May 15 and Oct. 15 to Nov. 30 Incubation flow, as needed	260 by combination of spill & pumping March 15 to May 15 and Oct. 15 to Nov. 30 Incubation flow, as needed

¹ Flows measured at the dam by ultrasonic flow meter.

² Flows measured at the dam and at the pump station by ultrasonic flow meter.

(C) This order constitutes final agency action. Any party may file a request for rehearing of this order within 30 days from the date of its issuance, as provided in section 313(a) of the Federal Power Act, 16 U.S.C. § 825*l* (2012), and the Commission's regulations at 18 C.F.R. § 385.713 (2017). The filing of a request for rehearing does not operate as a stay of the effective date of this order, or of any other date specified in this order. The licensee's failure to file a request for rehearing shall constitute acceptance of this order.

(for) Thomas J. Lovullo
Chief, Aquatic Resources Branch
Division of Hydropower Administration
and Compliance