



June 12, 2018

VIA ELECTRONIC FILING

Kimberly D. Bose, Secretary
Nathaniel J. Davis, Sr., Deputy Secretary
Federal Energy Regulatory Commission (FERC)
888 First Street NE
Washington, DC 20426

**Re: Jackson Hydro Project, FERC No. 2157
Instream Flow Schedule for Reach 3 of the Sultan River - Water Year 2018-2019**

Dear Secretary Bose:

Public Utility District No. 1 of Snohomish County (the District) will be modifying the instream flow schedule for the Jackson Hydroelectric Project (Project) within Reach 3 (River Mile [RM] 9.7 to 16.1) of the Sultan River; this modification applies to the 2018-2019 Water Year, see Attachment 1: Water Year 2018-2019, Instream Flow Schedule. This modification is consistent with the requirements identified under "A-LA 9: Minimum Flows" in Appendix G of the Project's License.

The purpose of this change is to shape the annual water budget for the benefit of anadromous species with the completion of volitional fish passage construction at the City of Everett's Diversion Dam at RM 9.7. The emphasis of flow management will focus on meeting the physical habitat and water quality needs of fall (Chinook and coho salmon) and spring (steelhead trout) spawning populations. In contrast to the default flow scheduled identified in A-LA 9, this change will involve re-shaping the flow release schedule but result in no net change to the annual flow budget of 20,362 acre-feet. Reshaping will balance physical habitat and temperature requirements of the evolving fish community. This is the same shape of the flow schedule implemented in Water Year 2017-2018.

The District consulted with the Aquatic Resource Committee regarding the Attachment 1 schedule, see Attachment 2; no requests for modification were received.

Please contact Keith Binkley, Natural Resources Manager at (425) 783-1769, if you should have any questions regarding this filing.

Sincerely,

/s/ Tom DeBoer

Tom DeBoer
Assistant General Manager of Generation, Power, Rates and Transmission Management
TADeBoer@snopud.com
(425) 783-1825

cc: Aquatic Resource Committee

**ATTACHMENT 1:
Water Year 2018-2019
Instream Flow Schedule for Reach 3**

Timeframe	Release Flow (cfs)
July 1*-15	25
July 16-31	25
August 1-15	25
August 16-31	25
September 1-14	40
September 15-21	64
September 22-30	63
October 1-15	59
October 16-31	50
November 1-15	28
November 16-30	15
December 1-15	15
December 16-31	15
January 1-15	15
January 16-31	15
February 1-14	15
February 15-28	15
March 1-15	15
March 16-31	35
April 1-15	36
April 16-30	28
May 1-15	34
May 16-31	30
June 1-15	24
June 16-30	25

* July 1 begins the water year.

ATTACHMENT 2:
Consultation Documentation

Presler, Dawn

From: Presler, Dawn
Sent: Wednesday, April 04, 2018 9:42 AM
To: Applegate, Brock A (DFW); Vacirca, Richard -FS; Anne Savery; Pacheco, James (ECY); Rustay, Michael; Jim Miller (JMiller@everettwa.gov); Thomas O'Keefe; Janet Curran - NOAA Federal; Asman, Lindsay; 'Tim_Romanski@fws.gov' (Tim_Romanski@fws.gov); 'john.seehuus@ci.sultan.wa.us'
Cc: Binkley, Keith; McDonnell, Andrew
Subject: RE: Jackson Hydroproject (FERC No. 2157) - Reach 3 flow schedule for Water Year 2018-2019 - comments if any by April 27
Attachments: Copy of 2017_Daily_Mean_Discharge_Sultan_River_Reaches.xlsx; A-LA9 Instream Flows.pdf

Attached per Brock's request is information that Andrew pulled together on the flow in all three reaches from last year. Please note that this covers the 2016-2017 and 2017-2018 water years and pulled directly from the PUD's and USGS gages. Please keep in mind that the USGS gage at the Diversion Dam was undergoing calibration issues with the movement of the gravel bar through the volitional fish passage, there was maintenance work, process flow events, accretion, etc. that factored into the flows – Keith can explain any data questions at the ARC meeting.

I've also attached A-LA 9 so you can see the default flow for Reach 3.

Dawn

From: Presler, Dawn
Sent: Tuesday, April 03, 2018 1:32 PM
To: Applegate, Brock A (DFW) <Brock.Applegate@dfw.wa.gov>
Cc: Vacirca, Richard -FS <rvacirca@fs.fed.us>; Anne Savery <asavery@tulaliptribes-nsn.gov>; Pacheco, James (ECY) <JPAC461@ECY.WA.GOV>; Rustay, Michael <mike.rustay@co.snohomish.wa.us>; Jim Miller (JMiller@everettwa.gov) <JMiller@everettwa.gov>; Thomas O'Keefe <okeefe@americanwhitewater.org>; Ken Walker <ken.walker@ci.sultan.wa.us>; Janet Curran - NOAA Federal <janet.curran@noaa.gov>; Asman, Lindsay <lindsay_asman@fws.gov>; Binkley, Keith <KMBinkley@SNOPUD.com>; 'Tim_Romanski@fws.gov' (Tim_Romanski@fws.gov) <Tim_Romanski@fws.gov>; dwilliams@tulaliptribes-nsn.gov
Subject: Re: Jackson Hydroproject (FERC No. 2157) - Reach 3 flow schedule for Water Year 2018-2019 - comments if any by April 27

Hi,

I will check with Andrew to see if he can pull something together for your request. Hopefully I can send you something in the next couple days...stay tuned.

(Keith is on vacation this week and possibly going "technology-free" to really take advantage of his free time. Doesn't that sound like Heaven?!)

Dawn

On Apr 3, 2018, at 12:06 PM, Applegate, Brock A (DFW) <Brock.Applegate@dfw.wa.gov> wrote:

CAUTION: THIS EMAIL IS FROM AN EXTERNAL SENDER.

Do not click on links or open attachments if the sender is unknown or the email is suspect.

Hi Keith, Could you sent out the flows for all three reaches last year? We should discuss whether the discharge at the dam has produced what we want through all three reaches, but particularly Reach 3, of course. I feel that the flow numbers would add to our discussion on next Wednesday.

Thanks, Brock

From: Presler, Dawn [<mailto:DJPresler@SNOPUD.com>]

Sent: Wednesday, March 28, 2018 8:20 AM

To: 'Vacirca, Richard -FS' <rvacirca@fs.fed.us>; 'Anne Savery' <asavery@tulaliptribes-nsn.gov>; Pacheco, James (ECY) <JPAC461@ECY.WA.GOV>; Applegate, Brock A (DFW) <Brock.Applegate@dfw.wa.gov>; 'Rustay, Michael' <mike.rustay@co.snohomish.wa.us>; 'Jim Miller (JMiller@everettwa.gov)' <JMiller@everettwa.gov>; 'Thomas O'Keefe' <okeefe@americanwhitewater.org>; 'Ken Walker' <ken.walker@ci.sultan.wa.us>; 'Janet Curran - NOAA Federal' <janet.curran@noaa.gov>; 'Wright, Lindsay' <lindsay_wright@fws.gov>

Cc: Binkley, Keith <KMBinkley@SNOPUD.com>; "Tim Romanski@fws.gov" (Tim_Romanski@fws.gov) <Tim_Romanski@fws.gov>; dwilliams@tulaliptribes-nsn.gov

Subject: JHP (FERC No. 2157) - Reach 3 flow schedule for Water Year 2018-2019 - comments if any by April 27

Dear Jackson ARC Members:

Attached is the draft Reach 3 flow schedule for the next water year (July 2018-June 2019); it is different than the default schedule in A-LA9 but the same schedule for the current water year as Jim and Keith developed. Please take the next 30 days to review and provide comments, if any, **by April 27**. Sending me a concurrence email as well would be fantastic. We allocated some time for the ARC meeting on April 11 to discuss if necessary.

<image001.png>

Best regards,

Dawn Presler

Sr. Environmental Coordinator

Generation Resources

(425) 783-1709

PUD No. 1 of Snohomish County

PO Box 1107

Everett, WA 98206-1107