



Pacific Power |
Rocky Mountain Power
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Electronically filed December 31, 2020

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

**Subject: Bigfork Hydroelectric Project, FERC No. P-2652
2020 Streamflow Monitoring Report**

Dear Ms. Bose:

The following information is provided to satisfy the annual stream flow reporting requirement for the Bigfork Hydroelectric Project. This report covers water year 2020, the period of October 1, 2019 to September 30, 2020.

License Article 401 requires that PacifiCorp document compliance with the run-of-river mode of operation. The Order Issuing New License documented that Bigfork is “a run-or-river project with little or no storage...”¹ The lack of appreciable storage precluded any operation mode except-run-of-river at the time the license was issued. To date, PacifiCorp has not performed any project modifications or upgrades that would permit load shaping activities (“peaking”). Accordingly, PacifiCorp continued to operate Bigfork as a run-of-river project during the 2020 water year, in compliance with Article 401. PacifiCorp has no plans to increase storage and provide load shaping abilities in future years.

License Article 402 requires that PacifiCorp document compliance with the required minimum instream flow in the bypass reach. The year-round minimum instream flow is 70 cubic feet per second (cfs). Table 1 demonstrates that daily average bypass flows were consistently greater than 70 cfs during the 2019 water year, in compliance with Article 402.

License Article 403 requires that PacifiCorp document diligence in maintaining staff gages. The compliance point for the bypass reach minimum flow is located at a staff gage immediately downstream of the dam and intake structure on river left. This staff gage is read daily to ensure that the minimum required flow is being provided, and that the gage remains intact and undamaged. To maintain compliance with Article 403, operations personnel provide electronic reports to compliance personnel on a daily basis, documenting, in part, river stage, flow, and staff condition. The staff gage was documented as functional throughout water year 2020.

¹ In the Order Issuing New License for Project No. 2652-007, dated July 25, 2004, FERC stated that “PacifiCorp has no plans to increase project capacity or change project operations. The project’s hydraulic capacity of 600 cfs is exceeded by the discharge of the Swan River about 65 percent of the time. For a run-of-river project with little or no storage, I conclude that the project, as proposed by PacifiCorp, and with the modifications included in this license, represents a cost-effective plan for using the Swan River at this location” (page 14).

This letter and its enclosures have been filed electronically. The security classification of each component in this packet is shown in the Enclosure list below. According to the FERC eFiling requirements, two (2) complete printed copies of this filing have been transmitted to your office.

If you have questions pertaining to the data provided in this report, please contact Briana Weatherly at 503-813-7039 or briana.weatherly@pacificorp.com.

Sincerely,

Mark Sturtevant
Mark Sturtevant (Dec 29, 2020 16:02 PST)

Mark A. Sturtevant
Vice President, Renewable Resources

MAS:BW:km

Encl:	Letter – Public
	Table 1 - Swan River Daily Flow (CFS) below Bigfork Dam, WY2020 – Public

eFile:	Kimberly D. Bose, Secretary Via eLibrary at www.ferc.gov	eMail:	Erich Gaedeke Federal Energy Regulatory Commission 805 SW Broadway, Suite 550 Portland, OR 97205
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Table 1. Swan River Daily Flow (CFS) below Bigfork Dam, WY2020

Flows developed from average or manual reading of gage height

Day	October	November	December	January	February	March	April	May	June	July	August	September
1	148	228	135	162	142	116	142	228	228	228	228	99
2	99	228	110	129	142	104	123	228	228	228	228	104
3	116	228	142	99	148	116	129	228	228	228	228	99
4	228	228	104	123	123	142	123	228	228	228	228	99
5	228	148	88	123	142	155	135	228	228	228	228	104
6	228	129	148	116	142	170	142	228	228	228	228	99
7	228	123	123	162	142	210	104	228	228	228	228	104
8	193	110	116	155	148	162	116	228	228	228	228	99
9	228	104	135	185	116	148	148	228	228	228	228	110
10	228	116	123	201	123	148	177	228	228	228	228	99
11	228	162	116	177	110	155	228	228	228	228	228	104
12	228	135	110	142	104	123	228	228	228	228	228	110
13	142	116	142	142	110	142	228	228	228	228	228	104
14	228	129	88	116	104	185	228	228	228	228	228	228
15	228	116	88	123	110	185	228	228	228	228	148	228
16	228	110	93	110	116	116	228	228	228	228	123	228
17	228	162	123	129	104	155	228	228	228	228	110	228
18	228	210	110	123	99	123	228	228	228	228	110	228
19	228	170	93	110	110	135	228	228	228	228	142	228
20	228	219	123	116	135	135	228	228	228	228	116	228
21	228	177	129	123	148	142	228	228	228	228	116	228
22	228	142	129	123	162	129	228	228	228	228	104	228
23	228	148	123	123	123	148	228	228	228	228	104	228
24	228	135	104	123	135	129	228	228	228	228	104	228
25	228	129	110	129	155	142	228	228	228	228	104	228
26	228	135	104	142	142	129	228	228	228	228	110	228
27	228	155	142	142	123	123	228	228	228	228	104	228
28	228	148	99	135	116	135	228	228	228	228	99	228
29	228	142	104	99	116	148	228	228	228	228	99	228
30	228	110	110	110		129	228	228	228	228	116	228
31	228		142	135		148		228		228	142	

Units offline for annual maintenance, all flow in bypass
 Period of High Flows (Beyond the Rating)

Signature: Todd Olson
 Todd Olson (Dec 29, 2020 13:59 PST)

Email: todd.olson@pacificorp.com