



Power Generation

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January 25, 2007

Mr. Takeshi Yamashita, Regional Engineer
San Francisco Regional Office
Federal Energy Regulatory Commission
901 Market Street, Room 350
San Francisco, CA 94103-1778

**Re: Upper North Fork Feather River Project - FERC No. 2105
2006 Flow Release Records**

Dear Mr. Yamashita:

Enclosed are the flow release records for the Upper North Fork Feather River Project (FERC No. 2105). On December 6, 2006, the United States Geological Service reviewed the records and verified them for the 2006 water year (October 1, 2005 to September 30, 2006). The records include gage NF-70 below Belden Diversion Dam, and NF-2 near Prattville. The following provides details on a unique flow situation that occurred during the 2006 water year.

From February 19 to February 22, 2006, the flow measured at NF-2 was 34cfs. In the days immediately following this deviation, flows were increased to more than 35cfs.

Article 26 (as amended) of the North Fork Feather River Project License requires the release of 25,000 acre feet of water, as measured at NF-2, per calendar year in accordance with written flow schedules submitted by the California Department of Fish and Game. In a letter dated May 12, 1969, the California Department of Fish and Game stated that a constant release of 35cfs at NF-2 is adequate to achieve the annual 25,000 acre feet release requirement. Article 26 (c) states:

"...A variation of 5 per cent or 5 cubic feet per second, whichever is the larger, from the scheduled rates of release shall be permitted to allow for the inability to adjust gates precisely, and suitable adjustments within the variations set forth above in subsequent releases during the succeeding two months shall be made to off-set the prior variations."

Although the February 19 to February 22 release at NF-2 was below the prescribed 35cfs, it was within the variation range of 5cfs and off-set by the subsequent release of more than 35cfs in the following days. Therefore, the variation was in compliance with the FERC License.

Minimum flows for NF-70 are prescribed by Article 26 and the flow schedule submitted by the California Department of Fish and Game in the letter Dated April 13, 1979. There were no deviations from the required instream flows at NF-70 in the 2006 water year.

If you have any questions regarding this information, please call me at (415) 973-2109.

Sincerely,

Bill Zemke
Senior License Coordinator
Hydro Generation



Mr. Takeshi Yamashita
January 25, 2007
Page 2

Cc Cheryl Mulder
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Debbie Giglio
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Sacramento, CA 95825

Sharon Stohrer
State Water Res. Control Board
P. O. Box 2000
Sacramento, CA 95812

Attachment

PACIFIC GAS AND ELECTRIC COMPANY

Pacific Gas and Electric
12/06/2006

USDAY V54 Output

Summary Report

Site: NF70 N.F. Feather Rvr Blw Belden Div Dam
USGS #: 11401112
Beginning Date: 10/01/2005
Ending Date: 09/30/2006

Daily Mean Discharge in Cubic feet/second Water Year Oct 2005 to Sep 2006

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	64	76	65	64	65	159	239	446	143	142	143
2	64	65	127	64	65	65	240	237	398	142	143	141
3	63	64	72	64	65	65	339	237	420	142	142	141
4	63	64	65	64	65	65	514	238	423	142	142	130
5	63	64	65	63	65	65	475	239	422	140	142	61
6	64	64	65	64	65	65	428	238	422	142	143	61
7	64	64	65	63	65	65	426	237	423	142	143	61
8	63	64	64	63	65	65	416	295	305	143	144	62
9	63	64	64	63	64	65	374	346	140	143	149	62
10	64	64	64	65	64	64	355	338	141	143	143	62
11	64	64	64	65	65	62	334	347	141	143	142	62
12	63	64	64	65	65	62	338	344	141	142	142	62
13	64	64	64	66	64	63	337	340	140	142	141	61
14	64	64	65	66	64	64	322	340	141	142	141	62
15	64	64	64	65	64	65	148	328	140	143	141	62
16	64	64	65	65	64	66	142	323	139	143	142	62
17	64	64	64	65	64	67	142	325	141	143	142	62
18	64	64	64	66	65	66	141	347	142	144	141	62
19	64	63	62	66	64	66	144	459	142	143	141	62
20	65	64	63	65	65	66	142	604	141	142	142	62
21	64	64	65	64	65	66	141	610	140	141	142	62
22	64	64	65	65	64	66	142	681	141	142	141	62
23	64	64	65	65	64	66	871	860	141	142	142	63
24	64	64	65	64	64	66	141	860	141	144	141	63
25	64	64	65	64	64	66	190	868	144	143	141	62
26	65	64	65	64	65	67	236	881	145	143	141	62
27	64	63	65	64	65	67	226	871	140	152	141	62
28	65	64	67	65	64	66	236	877	143	144	140	62
29	64	64	66	65	65	66	240	872	143	144	141	62
30	65	64	66	66	66	66	240	862	143	143	142	62
31	64	64	69	66	66	66	824	824	143	143	142	62
Total	1981	1919	2089	2006	1806	2023	7849	15481	6369	4431	4402	2165
Mean	63.9	64.0	67.4	64.7	64.5	65.3	262	499	212	143	142	72.2
Max	65	65	127	68	65	67	514	881	446	152	149	143
Min	63	63	62	63	64	62	237	237	139	140	140	61
Acre-Ft	3930	3810	4140	3980	3580	4010	15570	30710	12630	8790	8730	4290
Wtr Year 2005	Total	52521	Mean	144	Max	881	Min	61	Acre-Ft	104200		
Cal Year 2005	Total	5989	Mean	65.1	Max	127	Min	62	Acre-Ft	11880		

Record Accepted
Paul Thompson
12/6/06

Pacific Gas and Electric

USDAY V54 Output 10/12/2006

Summary Report

Site: NF2 North Fork Feather River Near Prattville
 USGS #: 11399500
 Beginning Date: 10/01/2005
 Ending Date: 09/30/2006

Daily Mean Discharge in Cubic feet/second Water Year Oct 2005 to Sep 2006

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	35	36	39	41	38	37	148	1240	73	54	39
2	38	35	35	38	41	38	37	148	1240	73	40	39
3	37	35	35	38	41	37	38	148	1240	73	40	39
4	37	35	35	38	41	37	38	149	1240	73	40	39
5	37	35	35	38	41	37	38	150	1230	73	40	39
6	37	35	35	38	41	37	38	152	1230	73	40	39
7	36	35	35	38	41	37	38	153	1230	73	40	39
8	36	35	35	38	40	37	38	419	869	73	40	39
9	36	35	35	38	40	37	38	687	528	73	40	39
10	36	35	35	38	40	37	38	687	528	73	40	39
11	36	35	36	38	40	37	38	687	528	73	40	39
12	36	35	36	38	40	37	39	687	528	73	40	38
13	36	35	36	38	39	37	39	687	527	73	40	38
14	35	35	36	38	35	37	38	687	527	73	40	38
15	35	35	36	38	35	37	39	687	346	73	40	38
16	35	35	36	38	35	37	39	687	197	73	39	38
17	35	35	36	38	35	37	38	688	197	73	39	38
18	35	35	36	38	35	37	38	689	197	73	39	38
19	35	35	36	38	34	37	38	690	197	73	39	38
20	35	35	36	38	34	37	38	692	197	73	39	38
21	35	35	36	38	34	37	38	693	197	73	39	38
22	35	35	37	38	34	37	37	693	197	73	39	38
23	35	35	37	37	35	37	37	693	197	73	39	37
24	35	35	37	37	37	37	37	693	197	73	39	37
25	35	35	37	37	37	37	90	693	197	73	39	37
26	35	35	37	37	37	37	148	694	129	73	39	37
27	35	35	37	605	38	37	148	693	73	73	39	37
28	35	35	38	167	39	37	148	693	73	73	39	37
29	35	35	38	41	-----	37	148	693	73	73	39	37
30	35	35	38	41	-----	37	148	692	73	73	39	37
31	35	-----	41	41	-----	37	-----	968	-----	73	39	-----
Total	1106	1050	1124	1880	1060	1149	1741	17620	15422	2263	1238	1143
Mean	35.7	35.0	36.3	60.6	37.9	37.1	58.0	568	514	73.0	39.9	38.1
Max	38	35	41	605	41	38	148	968	1240	73	54	39
Min	35	35	35	37	34	37	37	148	73	73	39	37
Acre-Ft	2190	2080	2230	3730	2100	2280	3450	34950	30590	4490	2460	2270
Wtr Year 2006	Total	46796	Mean	128	Max	1240	Min	34	Acre-Ft	92820		
Cal Year 2005	Total	13457	Mean	36.9	Max	42	Min	35	Acre-Ft	26690		

Record Accepted 12/6/06
 Paul H. Mayall