

**Potter Valley Project Agency Nightly Report**

**Date:** 1/20/11

**Roving Operator On Call: Evans**

Target Storage Curve	B	PG&E 15 PCT Low Envelope
Index flow computation (IFC), cfs	905	0.7*Eel Eel = <span style="border: 1px solid black; text-align: center;">1,295</span>

**Hydrologic Data for previous 24 hours ending at midnight:**

**Lake Pillsbury**

Elevation- Gage Height (E-1), ft	1,900.64	24 hour E-1 average gage height
Storage (E-1), ac-ft	55,532	24 hour E-1 average in ac-ft
Target Storage from rule curve, ac-ft	29,671	
Above/Below (+/-) Target Storage, ac-ft	25,861	
Cumulative inflow into Lake Pillsbury (CLP), ac-ft	177,723	
delta E-1 from start of WY, ac-ft	7,349	see RPA definitions
sum E-2 from start of WY, cfs	85,897	see RPA definitions
Water Temperature below Lake Pillsbury, deg. C	5.3	
Needle Valve release, cfs	350	release from bottom of Scott Dam
Spill over dam (approximate, cfs)	978	E-2 minus Needle Valve release
Total flow below Scott Dam (E-2), cfs	1,328	stage recorder
NMFS required minimum flow (E-2), cfs	100	

**Van Arsdale**

Elevation- Gage Height (E-3), ft	6.25	spill level above 5.35
Cape Horn Dam calibrated release, cfs	127	east plus west gates plus ladder
Spill over dam (approximate, cfs)	825	E-11 minus calibrated release
Total flow below Cape Horn Dam (E-11), cfs	952	stage recorder
NMFS required minimum flow (E-11), cfs	140	

**Potter Valley Powerhouse**

E-16 Total diversion, cfs	220	
PVID maximum contract delivery, cfs	5	
Total East Branch Russian River release	215	
NMFS required minimum flow, cfs	35	total diversion minus PVID delivery

**Weather Data:**

Type: CLR - PC - CDY - FOG - RN - SN	CLR
Temp Max - prev. 24 hours, deg. F	68
Temp Min - prev. 24 hours, deg. F	34
Precipitation prev. 24 hours, inches	0.00
Total Precip., YTD (beginning 7/1), inches	34.08

**Blockwater Data:**

Remaining blockwater available, ac-ft	2,500
Blockwater used to date, ac-ft	0
Date blockwater last used	No Data
Today's blockwater request, cfs	0

**Comments:**

Used to report operational problems, or changes, equipment failure, etc

#3 unit is out of service for maintenance.