

Regional Hydropower Facilities

Bear River and Related

						Gross generation value (\$/yr) @		
Location		MW	CFS	kWh/AF	MWh \$	per kWh	0.04	notes
					1999			
NID								
Bowman	Bowman-Spaulding conduit	3.6	-	-	813	\$	32,520	Yuba-Bear
Scotts Flat	Deer Creek	0.9	-	-	14,230		569,200	other
Dutch Flat 2	middle Bear	27.0	490	516	116,773		4,670,920	Yuba-Bear
Chicago Park	middle Bear	44.0	1,070	384	207,691		8,307,640	Yuba-Bear
Rollins	middle Bear	13.5	-	-	87,293		3,491,720	Yuba-Bear
Combie South	middle Bear	1.5	-	-	4,758		190,320	other
Combie North	middle Bear	0.3	-	-	7,125		285,000	other
		<u>90.8</u>			<u>438,683</u>	\$	<u>17,547,320</u>	average 425 GWh/year; range 46 ('77) to 511 ('95) (NID brochure)
PG&E								
Spaulding 1	to Drum Canal	7.0	750	121	36,399	\$	1,455,960	Drum-Spaulding
Spaulding 2	to South Yuba Canal	4.4	200	254	14,980		599,200	Drum-Spaulding
Spaulding 3	into Spaulding Reservoir	5.8	-	256	43,842		1,753,680	Drum-Spaulding
Deer Creek	Deer Creek	5.7	110	612	20,065		802,600	Drum-Spaulding
Drum 1	upper Bear	54.0	643	1,004	160,226		6,409,040	Drum-Spaulding
Drum 2	upper Bear	49.5	530	1,150	328,517		13,140,680	Drum-Spaulding
Dutch Flat 1	middle Bear	22.0	600	507	116,391		4,655,640	Drum-Spaulding
Alta	Towle Canal/Canyon Creek	2.0	56	-	4,059		162,360	Drum-Spaulding
Halsey	Bear canal	11.0	495	270	64,028		2,561,120	Drum-Spaulding
Wise 1	Bear canal	14.0	390	390	100,245		4,009,800	Drum-Spaulding
Wise 2	Bear canal	3.1	80	450	-		-	Drum-Spaulding
Newcastle	South canal	11.5	392	325	37,308		1,492,320	Drum-Spaulding
		<u>190.0</u>			<u>926,060</u>	\$	<u>37,042,400</u>	average 786 GWh/year (PG&E Hydrodivestiture DEIR)
SSWD								
New Camp Far West	NCFW Reservoir	7.0	-	-	35,794		1,431,760	wholesaled to SMUD
OTHER								
Narrows 1	Lower Yuba (PG&E)	12.0	-	-	54,953		2,198,120	
Narrows 2	Lower Yuba (YCWA)	46.8	-	-	349,142		13,965,680	
New Colgate	North Yuba (YCWA/PG&E)	315.0	-	-	1,637,001		65,480,040	
Middle Fork	MF American (PCWA)	190.7	-	-	1,212,983		48,519,320	Fench Meadows, Hell Hole, Middle Fork, Oxbow, Ralston

Note: gross generation value is based on 1999 (wet year) conditions and does not factor in annual OM&R or other costs (estimated at more than 3 cents per kWh where older facilities are involved)